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**2011 FISH TISSUE CHEMISTRY SUPPLEMENTAL MONITORING REPORT FOR THE GAHCHE KUÉ  
PROJECT**

## **1.0 INTRODUCTION**

Golder Associates Ltd. collected fish in July 2011 to supplement the baseline fish tissue chemistry results presented in the 2010 Gahcho Kué Project Environmental Impact Statement (EIS) and the 2011 Gahcho Kué Project EIS Update (De Beers 2010, 2011). This technical memorandum summarizes the results of the 2011 Fish Tissue Chemistry Supplemental Monitoring and Analysis, and provides supplemental information to the response prepared to the information request from Fisheries and Oceans Canada and Environment Canada (DFO&EC\_32 [a]; De Beers 2012).

This technical memorandum presents the methods used to collect and analyze the fish tissue samples, and the results of the analyses. The analytical chemistry results of fish tissue samples archived in 2004 and analyzed in 2011 are also summarized. In addition, mercury concentrations of the fish tissue samples collected in 2011 are compared to fish length, weight, and age.

It should be noted that mercury bioaccumulates (i.e., is taken up by biological organisms from the environment), and biomagnifies (i.e., accumulates to a greater degree in higher trophic level organisms). While both processes are relevant to understanding changes in tissue contaminant concentrations in a system over time, biomagnification is largely responsible for differences in mercury concentrations between species of different trophic status; therefore, mercury tissue concentrations in forage fish and piscivorous fish should be considered within the appropriate trophic context. Extensive discussion of the present tissue data in the context of biomagnification potential is beyond the scope of this document; however, in the interest of completeness and fully addressing information requested in this technical memorandum, mercury data are regressed with all relevant body parameters reflective of fish size or age (i.e., body weight, length, and age).



## 2.0 METHODS

### 2.1 2011 Fish Samples

#### Fish Collection

Fish collection for tissue chemistry was done in Lake N11, which is downstream of lakes that will be diverted during operations (i.e., Lakes B1, D2 and D3, and E1). Fish from Lake N11 have not been sampled previously for tissue chemistry. Twenty individual lake trout (*Salvelinus namaycush*) and 111 lake chub (*Couesius plumbeus*) were captured. Eight duplicate samples of lake chub were formed, with each sample containing between one and eight fish.

Fish collection methods were as described in the 2011 Fish and Aquatic Resources Supplemental Monitoring Report (Golder 2012). Large-bodied fish were captured using a combination of gill nets and angling, whereas small-bodied fish were captured with minnow traps. All fish collected were weighed and had fork length measured. Aging structures were collected from large-bodied fish.

#### Tissue Sampling and Chemistry Analysis

##### Lake Chub

Metal concentrations and moisture content in lake chub were measured on whole-body samples. Collected fish were divided among eight duplicate samples, with each sample having a total sample mass of at least five grams (g) and consisting of at least one fish. When samples required more than one fish, fish of the same size-class were combined. Samples were stored frozen prior to shipment to the analytical laboratory. The following parameters were measured in lake chub:

- total metals (aluminum, antimony, arsenic, barium, beryllium, bismuth, cadmium, calcium, chromium, cobalt, copper, iron, lead, lithium, magnesium, manganese, mercury, molybdenum, nickel, phosphorus, potassium, selenium, silver, sodium, strontium, thallium, tin, titanium, uranium, vanadium, and zinc); and
- moisture content.

The analytical laboratory reported the results for individual samples, method blanks, laboratory duplicates, matrix spikes and a certified reference material (Appendix A).

##### Lake Trout

Two skinless and boneless muscle tissue fillets (weighing approximately 25 grams [g]) were dissected from between the dorsal fin and lateral line. Each fillet was stored separately, frozen in a Ziploc® bag. One sample from each lake trout was submitted for tissue chemistry analysis and moisture content (ALS Laboratory Group; Edmonton, Alberta) and one was archived. Liver tissue was also collected from each fish for analysis of total metals and moisture content. The same list of parameters was measured in lake trout muscle and liver tissue by the same analytical laboratory as for lake chub.

#### Archived Samples Collected in 2004

Liver samples ( $n = 62$ ) from lake trout and muscle ( $n = 11$ ) and liver samples ( $n = 2$ ) from round whitefish (*Prosopium cylindraceum*) collected and archived in 2004 were analyzed for metals. The round whitefish were captured from Kennedy Lake, whereas lake trout were captured in Kennedy Lake, Lake N16, and Lake 410. Fish capture and collection methods for the archived samples are as described in Annex J of the 2010 Gahcho Kué Project EIS (De Beers 2010). The archived liver samples exceeded the analytical laboratory's recommended holding time of 180 days, but the laboratory confirmed the samples were of sufficient quality to analyze. The same list of parameters was measured by the same analytical laboratory as for lake trout.

## Data Analysis

Minimum, maximum, and mean concentrations were calculated for each parameter. Analytical detection limits were substituted for concentrations reported below the analytical detection limits.

Maximum, minimum, and average metal concentrations in muscle tissue were compared to risk-based criteria for fish consumption developed by the U.S. Environmental Protection Agency (US EPA) for the protection of human health (Regional Screening Levels [RSL] for Fish Ingestion; US EPA 2012).

Mercury concentrations in muscle from lake trout and round whitefish were compared to the Canadian Food Inspection Agency (CFIA) human consumption standard for mercury in fish tissue (i.e., 0.5 milligrams per kilogram wet weight [mg/kg ww]; CFIA 2009). Mercury concentrations of fish collected in 2011 were also compared graphically to the age (large-bodied fish only), length, and weight of the fish.

Statistical comparisons could not be made because analytical detection limits differed for some samples, and among years, and concentrations of several parameters were below detection limits for many individual samples.

## 3.0 RESULTS

### 3.1 2011 Lake Chub Chemistry

Thirteen parameters were below analytical detection limits in greater than 50 percent (%) of the lake chub samples that were analyzed; these included aluminum, antimony, beryllium, bismuth, cobalt, lead, lithium, silver, thallium, tin, titanium, uranium, and vanadium (Appendix B).

Mercury concentrations in whole-body samples of lake chub ranged from 0.0353 to 0.1490 mg/kg ww, with a mean of 0.0708 mg/kg ww (Table 1). Mercury concentrations were strongly correlated with mean body weight and mean length of fish in the lake chub samples (Appendix C).

Mercury concentrations were graphically compared to fork length and total body weight of fish captured from Lake N11 (Appendix C). In general, larger, heavier, and by inference, older fish had higher total mercury concentrations in their tissues (Table 2). Small-bodied fish were not aged; therefore, a comparison of age and mercury concentration was not possible.

In past baseline studies in the Gahcho Kué Project (Project) area, the only other small-bodied fish collected for tissue chemistry analysis were slimy sculpin (*Cottus cognatus*). They were captured for metal analysis in 2007 and had mean mercury concentrations of 0.0333, 0.0211, 0.0338, and 0.0356 mg/kg ww in samples from Kennady Lake, Lake N16, Kirk Lake, and Lake 410, respectively (Annex J, De Beers 2010). Methods and results of slimy sculpin tissue chemistry analysis are available in Addendum JJ of the 2010 EIS (De Beers 2010).

### 3.2 2011 Lake Trout Chemistry

Concentrations of most metals were similar among fish caught in 2011 and those caught in previous years in other lakes. Several parameters were below the analytical detection limits in greater than 50% of the individual muscle and liver tissue collected in 2011 (Appendix B). These included the following:

- 2011 lake trout muscle: aluminum, antimony, barium, beryllium, bismuth, cadmium, chromium, cobalt, lead, lithium, molybdenum, nickel, silver, thallium, tin, titanium, uranium, and vanadium; and
- 2011 lake trout liver: aluminum, antimony, barium, beryllium, bismuth, chromium, lead, lithium, nickel, tin, titanium, uranium, and vanadium.

For parameters that were detected in more than 50% of the samples analyzed, arsenic and mercury exceeded US EPA RSLs in lake trout muscle (Table 3).

Mercury concentrations ranged from 0.173 to 1.12 mg/kg ww in muscle and from 0.140 to 3.14 mg/kg ww in liver of lake trout collected from Lake N11 in July 2011 (Tables 3 and 4). The mean concentrations were 0.479 mg/kg ww for lake trout muscle tissue and 0.760 mg/kg ww for lake trout liver tissue. Mean concentrations of mercury in lake trout muscle tissue from Lake N11 in 2011 were higher than samples collected from Lake N16 (0.30 mg/kg ww), Lake 410 (0.30 mg/kg ww), and Kennedy Lake (0.24 mg/kg ww) in 2004, but lower than those collected from Kirk Lake (0.60 mg/kg ww) in 2005 (De Beers 2010; Annex J).

Mercury concentrations were graphically compared to fork length, total body weight, and the age of fish captured from Lake N11 (Appendix C). In general, larger, heavier, and older fish had higher total mercury concentrations in their tissues (Table 5).

The maximum mercury concentration in lake trout muscle exceeded the CFIA mercury standard for human consumption of fish, whereas the mean concentration was below the standard (Table 3).

### **3.3 Archived Lake Trout and Round Whitefish Samples from 2004**

Similar to the samples collected in 2011, several parameters were below analytical detection limits in greater than 50% of the archived individual lake trout liver samples and round whitefish liver and muscle samples (Appendix B). Parameters below analytical detection limits included the following:

- archived lake trout liver - aluminum, antimony, barium, beryllium, bismuth, chromium, lead, lithium, nickel, tin, uranium, and vanadium;
- archived round whitefish liver- aluminum, antimony, barium, beryllium, bismuth, cadmium, chromium, cobalt, lead, lithium, nickel, selenium, silver, thallium, tin, titanium, uranium, and vanadium; and
- archived round whitefish muscle - aluminum, antimony, beryllium, bismuth, cadmium, chromium, cobalt, lead, lithium, molybdenum, nickel, silver, tin, titanium, uranium, and vanadium.

For parameters that were detected in more than 50% of the samples analyzed, arsenic and mercury exceeded US EPA RSLs in archived round whitefish muscle (Table 6).

Maximum and mean mercury concentrations in archived round whitefish muscle tissue exceeded the CFIA mercury standard for human consumption; this was similar to the 2011 lake trout muscle samples, which also exceeded the standards.

Summary statistics for archived round whitefish liver and archived lake trout liver tissue concentrations are presented in Tables 6 and 7, respectively.

**Table 1      Summary of Metal Concentrations in Whole-body Lake Chub (n = 8) from Lake N11,  
Collected in July 2011**

Parameter	Units	Detection Limit	Min	Max	Mean
<b>Physical Tests</b>					
% Moisture	%	0.10	74.9	79.1	76.4
<b>Total Metals</b>					
Aluminum	mg/kg ww	2.0	2.0	2.0	2.0
Antimony	mg/kg ww	0.010	0.010	0.010	0.010
Arsenic	mg/kg ww	0.010	0.028	0.039	0.034
Barium	mg/kg ww	0.020	5.01	7.87	6.65
Beryllium	mg/kg ww	0.10	0.10	0.10	0.10
Bismuth	mg/kg ww	0.060	0.060	0.060	0.060
Cadmium	mg/kg ww	0.0060	0.0078	0.0173	0.0098
Calcium	mg/kg ww	2.0	6,950	12,000	8,893
Chromium	mg/kg ww	0.10	0.10	0.32	0.18
Cobalt	mg/kg ww	0.020	0.020	0.030	0.021
Copper	mg/kg ww	0.040	0.552	0.714	0.617
Iron	mg/kg ww	1.0	12.0	26.0	16.5
Lead	mg/kg ww	0.020	0.020	0.020	0.020
Lithium	mg/kg ww	0.10	0.10	0.10	0.10
Magnesium	mg/kg ww	1.0	320	379	353
Manganese	mg/kg ww	0.010	4.64	7.64	6.22
Mercury	mg/kg ww	0.0020	0.0353	0.1490	0.0708
Molybdenum	mg/kg ww	0.010	0.020	0.042	0.027
Nickel	mg/kg ww	0.10	0.19	0.42	0.28
Phosphorus	mg/kg ww	5.0	4,970	8,560	6,208
Potassium	mg/kg ww	20	2,620	2,970	2,786
Selenium	mg/kg ww	0.20	0.26	0.40	0.31
Silver	mg/kg ww	0.050	0.050	0.050	0.050
Sodium	mg/kg ww	20	636	972	839
Strontium	mg/kg ww	0.010	27.4	43.6	35.1
Thallium	mg/kg ww	0.010	0.010	0.010	0.010
Tin	mg/kg ww	0.050	0.050	0.050	0.050
Titanium	mg/kg ww	0.10	0.10	0.10	0.10
Uranium	mg/kg ww	0.0020	0.0020	0.0021	0.0020
Vanadium	mg/kg ww	0.10	0.10	0.10	0.10
Zinc	mg/kg ww	0.10	35.5	50.0	39.9

Notes: Values below the analytical detection limit were replaced with the analytical detection limit when calculating summary values. mg/kg ww= milligrams per kilogram wet weight; - = not available; % = percent; Min = minimum; Max = maximum.

**Table 2 Summary of Mercury Concentrations, Length, and Weight of Lake Chub Samples Collected From Lake N11, July 2011**

Sample	Length [mm]	Weight [g]	Mean ± SD Length [mm]	Mean ± SD Weight [g]	Mercury Concentration [mg/kg ww]
Bag 1 Lab	108	13.7	108 ± 2	13.2 ± 0.6	0.100
	106	12.6			
	109	13.3			
Bag 2 Lab	120	17.8	120 ± 0	17.8 ± 0	0.149
Bag 3 Lab	90	7	93 ± 5	8.4 ± 1.9	0.0705
	99	10.5			
	91	7.6			
Bag 4 Lab	88	7.2	87 ± 3	7.1 ± 0.5	0.0497
	89	7.5			
	83	6.3			
	86	7.2			
Bag 5 Lab	78	4.7	77 ± 1	4.7 ± 0.6	0.0401
	75	3.9			
	77	4.8			
	76	5.3			
Bag 6 Lab	65	3.2	65 ± 1	2.6 ± 0.5	0.0353
	67	3.2			
	66	2.9			
	63	2.1			
	65	2.3			
	65	2.6			
	63	2.2			
Bag 7 Lab	58	1.6	59 ± 2	2.0 ± 0.2	0.0355
	59	2.1			
	58	2.2			
	60	2.2			
	62	1.9			
	57	1.7			
	58	2			
	60	2.2			
Bag 8 Lab	106	11.2	114 ± 10	15.0 ± 3.5	0.0859
	125	18.1			
	111	15.6			

Note:

mm = millimetre; g = gram; mg/kg ww = milligrams per kilogram wet weight; - = not available; SD = standard deviation.

**Table 3 Summary of Metal Concentrations in Lake Trout Muscle Tissue (n = 20) from Lake N11, Collected in July 2011**

Parameter	Units	Detection Limit	Min	Max	Mean	US EPA RSLs for Fish Ingestion <sup>(a)</sup>
<b>Physical Tests</b>						
% Moisture	%	0.10	75.5	79.1	77.0	-
<b>Total Metals</b>						
Aluminum	mg/kg ww	2.0	2.0	2.0	2.0	280
Antimony	mg/kg ww	0.010	0.010	0.010	0.010	0.108 <sup>(b)</sup>
Arsenic	mg/kg ww	0.010	0.019	<b>0.032</b>	<b>0.024</b>	0.021 <sup>(c)</sup>
Barium	mg/kg ww	0.020	0.020	0.022	0.020	54
Beryllium	mg/kg ww	0.10	0.10	0.10	0.10	0.54 <sup>(d)</sup>
Bismuth	mg/kg ww	0.060	0.060	0.060	0.060	-
Cadmium	mg/kg ww	0.0060	0.0060	0.0060	0.0060	0.28 <sup>(e)</sup>
Calcium	mg/kg ww	2.0	52	212	131	-
Chromium	mg/kg ww	0.10	<b>0.10</b>	<b>0.25</b>	<b>0.11</b>	0.063 <sup>(f)</sup>
Cobalt	mg/kg ww	0.020	0.020	0.032	0.021	0.082
Copper	mg/kg ww	0.040	0.188	0.355	0.274	10.8
Iron	mg/kg ww	1.0	1.7	5.0	3.0	190
Lead	mg/kg ww	0.020	0.020	0.020	0.020	1.1 <sup>(g)</sup>
Lithium	mg/kg ww	0.10	0.10	0.10	0.10	0.54
Magnesium	mg/kg ww	1.0	246	301	280	-
Manganese	mg/kg ww	0.010	0.094	0.237	0.148	38 <sup>(h)</sup>
Mercury	mg/kg ww	0.0020	<b>0.173</b>	<b>1.120</b>	<b>0.479</b>	0.028 <sup>(i)</sup>
Molybdenum	mg/kg ww	0.010	0.010	0.018	0.011	1.36
Nickel	mg/kg ww	0.10	0.10	0.20	0.11	5.4 <sup>(j)</sup>
Phosphorus	mg/kg ww	5.0	2,050	2,940	2,510	-
Potassium	mg/kg ww	20	3,770	4,940	4,153	-
Selenium	mg/kg ww	0.20	0.23	0.33	0.27	1.36
Silver	mg/kg ww	0.050	0.050	0.050	0.050	1.36
Sodium	mg/kg ww	20	190	395	296	-
Strontium	mg/kg ww	0.010	0.068	0.492	0.214	162 <sup>(k)</sup>
Thallium	mg/kg ww	0.010	<b>0.010</b>	<b>0.010</b>	<b>0.010</b>	0.0028 <sup>(l)</sup>
Tin	mg/kg ww	0.050	0.050	0.050	0.050	162
Titanium	mg/kg ww	0.10	0.10	0.10	0.10	-
Uranium	mg/kg ww	0.0020	0.0020	0.0020	0.0020	0.83 <sup>(m)</sup>
Vanadium	mg/kg ww	0.10	0.10	0.10	0.10	1.36 <sup>(n)</sup>
Zinc	mg/kg ww	0.10	3.25	5.89	4.37	82 <sup>(o)</sup>

Notes: Values below the analytical detection limit were replaced with the analytical detection limit when calculating summary values.

Underlined mercury values exceed Canadian standards for mercury in fish (0.5 mg/kg ww; CFIA 2009). Bold values exceed US EPA RSLs.

(a) US EPA Regional Screening Levels (RSLs) for Fish Ingestion (US EPA 2011). US EPA RSLs were adjusted by a factor of 0.2 for non-carcinogens and by a factor of 10 for carcinogens.

(b) RSL is for antimony (metallic).

(c) RSL is for arsenic (inorganic).

(d) RSL is for beryllium and compounds.

(e) RSL is for cadmium (diet).

(f) RSL is for chromium (VI).

(g) RSL is for lead acetate.

(h) RSL is for manganese (diet).

(i) RSL is for methyl mercury; a RSL for mercury (elemental) was not available.

(j) RSL is for nickel (soluble salts).

(k) RSL is for strontium (stable).

(l) RSL is for thallium (soluble salts). Note that the analytical detection limit for thallium was higher than the RSL.

(m) RSL is for vanadium and compounds.

(n) RSL is for zinc and compounds.

RSL= Regional Screening Level; mg/kg ww= milligrams per kilogram wet weight; - = not available; % = percent; Min = minimum; Max = maximum.

**Table 4 Summary of Metal Concentrations in the Livers of Lake Trout (n = 20) from Lake N11, July 2011**

Parameter	Units	Detection Limit	Min	Max	Mean
<b>Physical Tests</b>					
% Moisture	%	0.10	73.0	78.5	75.7
<b>Total Metals</b>					
Aluminum	mg/kg ww	2.0 to 4.0	2.0	4.0	2.1
Antimony	mg/kg ww	0.010 to 0.020	0.010	0.020	0.011
Arsenic	mg/kg ww	0.010 to 0.020	0.019	0.058	0.033
Barium	mg/kg ww	0.020 to 0.040	0.020	0.040	0.021
Beryllium	mg/kg ww	0.10 to 0.20	0.10	0.20	0.11
Bismuth	mg/kg ww	0.060 to 0.120	0.060	0.120	0.063
Cadmium	mg/kg ww	0.0060 to 0.012	0.073	0.203	0.140
Calcium	mg/kg ww	2.0 to 4.0	46.7	97.6	65.6
Chromium	mg/kg ww	0.10 to 0.20	0.10	0.33	0.12
Cobalt	mg/kg ww	0.020 to 0.040	0.053	0.303	0.156
Copper	mg/kg ww	0.040 to 0.080	6.0	41.0	16.3
Iron	mg/kg ww	1.0 to 2.0	157	667	423
Lead	mg/kg ww	0.020 to 0.040	0.020	0.040	0.022
Lithium	mg/kg ww	0.10 to 0.20	0.10	0.20	0.11
Magnesium	mg/kg ww	1.0 to 2.0	156	209	181
Manganese	mg/kg ww	0.010 to 0.020	1.23	2.22	1.68
Mercury	mg/kg ww	0.0020	0.140	3.140	0.760
Molybdenum	mg/kg ww	0.010 to 0.020	0.103	0.252	0.175
Nickel	mg/kg ww	0.10 to 0.20	0.10	0.22	0.12
Phosphorus	mg/kg ww	5.0	2,800	4,140	3,360
Potassium	mg/kg ww	20	2,580	4,410	3,324
Selenium	mg/kg ww	0.20 to 0.40	1.31	2.98	1.83
Silver	mg/kg ww	0.050 to 0.100	0.050	0.232	0.082
Sodium	mg/kg ww	20 to 40	869	1,560	1,135
Strontium	mg/kg ww	0.010 to 0.020	0.092	0.256	0.148
Thallium	mg/kg ww	0.010 to 0.020	0.023	0.108	0.052
Tin	mg/kg ww	0.050 to 0.100	0.050	0.100	0.053
Titanium	mg/kg ww	0.10 to 0.20	0.10	0.20	0.11
Uranium	mg/kg ww	0.0020 to 0.0040	0.0020	0.0040	0.0021
Vanadium	mg/kg ww	0.10 to 0.20	0.10	0.20	0.11
Zinc	mg/kg ww	0.10 to 0.20	24.6	38.6	32.4

Notes: Values below the analytical detection limit were replaced with the analytical detection limit when calculating summary values.

mg/kg ww= milligrams per kilogram wet weight; - = not available; % = percent; Min = minimum; Max = maximum.

**Table 5 Summary of Mercury Concentrations in Muscle and Liver Tissue, Length, Weight, and Age of Lake Trout collected from Lake N11, July 2011**

Sample	Mercury Concentration in Muscle Tissue [mg/kg ww]	Mercury Concentration in Liver Tissue [mg/kg ww]	Length [mm]	Weight [g]	Age [yrs]
GK11ULKTR001	<u>0.791</u>	1.050	645	3,020	16
GK11ULKTR002	<u>0.558</u>	0.425	543	1,750	11
GK11ULKTR003	0.383	0.330	551	1,720	14
GK11ULKTR004	<u>0.932</u>	1.670	623	2,510	15
GK11ULKTR005	<u>0.608</u>	1.300	570	1,775	16
GK11ULKTR006	0.309	0.390	512	1,380	11
GK11ULKTR007	<u>0.794</u>	1.470	595	2,250	13
GK11ULKTR008	0.474	1.160	561	1,978	13
GK11ULKTR009	0.328	0.377	522	1,620	10
GK11ULKTR010	0.326	0.312	467	1,025	11
GK11ULKTR011	<u>0.634</u>	0.888	477	1,220	-
GK11ULKTR012	0.285	0.229	490	1,310	8
GK11ULKTR013	0.173	0.140	411	760	6
GK11ULKTR014	0.305	0.416	570	1,950	8
GK11ULKTR015	1.12	3.14	677	2,950	19
GK11ULKTR016	0.363	0.427	571	1,800	12
GK11ULKTR017	0.404	0.605	505	1,200	10
GK11ULKTR018	0.218	0.341	400	580	7
GK11ULKTR019	0.294	0.332	453	820	8
GK11ULKTR020	0.288	0.204	516	1,380	9

Notes: Underlined mercury values exceed Canadian standards for mercury in fish (0.5 mg/kg ww; CFIA 2009). Screening to the mercury standard was only applied to muscle tissue concentrations.

mg/kg ww = milligrams per kilogram wet weight; - = not available; mm = millimetre; g = gram; yrs = years.

**Table 6 Summary of Metal Concentrations in Round Whitefish Muscle (n = 11) and Liver (n = 2) from Kennedy Lake, August 2004**

Parameter	Units	Detection Limit	Muscle			Liver			US EPA RSLs for Fish Ingestion <sup>(a)</sup>
			Min	Max	Mean	Min	Max	Mean	
<b>Physical Tests</b>									
% Moisture	%	0.10	73.3	78.7	76.9	-	-	-	-
<b>Total Metals</b>									
Aluminum	mg/kg ww	2.0 to 20	2.0	2.0	2.0	6.0	20	13	280
Antimony	mg/kg ww	0.010 to 0.10	0.010	0.010	0.010	0.040	0.1	0.070	0.108 <sup>(b)</sup>
Arsenic	mg/kg ww	0.010 to 0.10	<b>0.029</b>	<b>0.065</b>	<b>0.042</b>	0.141	0.19	0.166	0.021 <sup>(c)</sup>
Barium	mg/kg ww	0.020 to 0.20	0.026	0.148	0.071	0.080	0.20	0.14	54
Beryllium	mg/kg ww	0.10 to 1.0	0.10	0.10	0.10	0.40	1.0	0.70	0.54 <sup>(d)</sup>
Bismuth	mg/kg ww	0.060 to 0.6	0.060	0.060	0.060	0.24	0.6	0.42	-
Cadmium	mg/kg ww	0.0060 to 0.06	0.0060	0.0060	0.0060	0.042	0.060	0.051	0.28 <sup>(e)</sup>
Calcium	mg/kg ww	2.0 to 20	113.0	669.0	351	59.6	63.0	61.3	-
Chromium	mg/kg ww	0.10 to 1.0	<b>0.10</b>	<b>0.10</b>	<b>0.10</b>	1.0	2.18	1.59	0.063 <sup>(f)</sup>
Cobalt	mg/kg ww	0.020 to 0.20	0.020	0.020	0.020	0.087	0.200	0.144	0.082
Copper	mg/kg ww	0.040 to 0.40	0.271	2.350	0.776	1.48	1.59	1.54	10.8
Iron	mg/kg ww	1.0 to 10	1.8	3.2	2.5	83	251	167	190
Lead	mg/kg ww	0.020 to 0.20	0.02	0.20	0.08	0.080	0.20	0.14	1.1 <sup>(g)</sup>
Lithium	mg/kg ww	0.10 to 1.0	0.10	0.10	0.10	0.40	1.0	0.70	0.54
Magnesium	mg/kg ww	1.0 to 10	307	376	336	148	160	154	-
Manganese	mg/kg ww	0.010 to 0.10	0.070	0.207	0.132	1.50	1.62	1.56	38 <sup>(h)</sup>
Mercury	mg/kg ww	0.0020	<b>0.0887</b>	<b>0.1420</b>	<b>0.1137</b>	0.130	0.140	0.135	0.028 <sup>(i)</sup>
Molybdenum	mg/kg ww	0.010 to 0.10	0.010	0.010	0.010	0.280	0.346	0.313	1.36
Nickel	mg/kg ww	0.10 to 1.0	0.10	0.71	0.16	1.00	1.70	1.35	5.4 <sup>(j)</sup>
Phosphorus	mg/kg ww	5.0 to 50	2,680	3,520	3,079	2,460	2,690	2,575	-
Potassium	mg/kg ww	20 to 200	4,020	6,820	5,217	2,030	2,040	2,035	-
Selenium	mg/kg ww	0.20 to 2.0	0.23	0.33	0.28	1.01	2.0	1.51	1.36
Silver	mg/kg ww	0.050 0.50	0.050	0.050	0.050	0.20	0.50	0.35	1.36
Sodium	mg/kg ww	20 to 200	252	390	308	770	980	875	-
Strontium	mg/kg ww	0.010 to 0.10	0.254	2.170	1.049	0.310	0.317	0.314	162 <sup>(k)</sup>

**Table 6 Summary of Metal Concentrations in Round Whitefish Muscle and Liver from Kennedy Lake, August 2004 (continued)**

Parameter	Units	Detection Limit	Muscle			Liver			US EPA RSLs for Fish Ingestion <sup>(a)</sup>
			Min	Max	Mean	Min	Max	Mean	
Thallium	mg/kg ww	0.010 to 0.10	<b>0.010</b>	<b>0.012</b>	<b>0.011</b>	0.062	0.10	0.081	0.0028 <sup>(l)</sup>
Tin	mg/kg ww	0.050 to 0.50	0.050	0.150	0.063	0.20	0.50	0.35	162
Titanium	mg/kg ww	0.10 to 1.0	0.10	0.10	0.10	0.30	1.0	0.65	-
Uranium	mg/kg ww	0.0020 to 0.020	0.0020	0.0020	0.0020	0.0080	0.020	0.0140	0.83 <sup>(m)</sup>
Vanadium	mg/kg ww	0.10 to 1.0	0.10	0.10	0.10	0.40	1.0	0.70	1.36 <sup>(n)</sup>
Zinc	mg/kg ww	0.10 to 1.0	3.16	4.05	3.58	19.0	21.0	20.0	82 <sup>(o)</sup>

Notes: Values below the analytical detection limit were replaced with the analytical detection limit when calculating summary values. Bold values exceed US EPA RSLs. Screening to RSLs was only applied to muscle tissue concentrations.

(a) US EPA Regional Screening Levels (RSLs) for Fish Ingestion (US EPA 2011). US EPA RSLs were adjusted by a factor of 0.2 for non-carcinogens and by a factor of 10 for carcinogens.

(b) RSL is for antimony (metallic).

(c) RSL is for arsenic (inorganic).

(d) RSL is for beryllium and compounds.

(e) RSL is for cadmium (diet).

(f) RSL is for chromium (VI).

(g) RSL is for lead acetate.

(h) RSL is for manganese (diet).

(i) RSL is for methyl mercury; a RSL for mercury (elemental) was not available.

(j) RSL is for nickel (soluble salts).

(k) RSL is for strontium (stable).

(l) RSL is for thallium (soluble salts).

(m) RSL is for vanadium and compounds.

(n) RSL is for zinc and compounds.

RSL= Regional Screening Level; mg/kg ww= milligrams per kilogram wet weight; - = parameter was not measured; % = percent; Min = minimum; Max = maximum.

**Table 7      Summary of Metal Concentrations in the Livers of Lake Trout (n = 62) from Kennedy Lake, Lake N16, and Lake 410, in 2004**

Parameter	Units	Detection Limit	Min	Max	Mean
<b>Physical Tests</b>					
% Moisture	%	0.10	65.0	81.6	75.3
<b>Total Metals</b>					
Aluminum	mg/kg ww	2.0 to 4.0	2.0	9.3	2.4
Antimony	mg/kg ww	0.010 to 0.020	0.010	0.020	0.010
Arsenic	mg/kg ww	0.010 to 0.020	0.020	0.101	0.050
Barium	mg/kg ww	0.020 to 0.040	0.020	0.070	0.023
Beryllium	mg/kg ww	0.10 to 0.20	0.10	0.20	0.10
Bismuth	mg/kg ww	0.060 to 0.120	0.060	0.120	0.062
Cadmium	mg/kg ww	0.0060 to 0.0120	0.032	0.436	0.164
Calcium	mg/kg ww	2.0 to 4.0	30.4	628	88.3
Chromium	mg/kg ww	0.10 to 0.20	0.10	1.16	0.20
Cobalt	mg/kg ww	0.020 to 0.040	0.059	0.362	0.168
Copper	mg/kg ww	0.040 to 0.080	4.04	62.2	16.2
Iron	mg/kg ww	1.0 to 2.0	126	2680	626
Lead	mg/kg ww	0.020 to 0.040	0.020	0.225	0.032
Lithium	mg/kg ww	0.10 to 0.20	0.10	0.20	0.10
Magnesium	mg/kg ww	1.0 to 2.0	116	236	175
Manganese	mg/kg ww	0.010 to 0.020	0.69	3.10	1.70
Mercury	mg/kg ww	0.0020	0.096	4.62	0.843
Molybdenum	mg/kg ww	0.010 to 0.020	0.078	0.343	0.183
Nickel	mg/kg ww	0.10 to 0.20	0.10	1.02	0.19
Phosphorus	mg/kg ww	5.0	2,180	4,720	3,449
Potassium	mg/kg ww	20	2,100	4,770	3,120
Selenium	mg/kg ww	0.20 to 0.40	0.66	5.46	2.11
Silver	mg/kg ww	0.050 to 0.100	0.050	0.484	0.116
Sodium	mg/kg ww	20 to 40	733	1,640	1,164
Strontium	mg/kg ww	0.010 to 0.020	0.065	0.823	0.169
Thallium	mg/kg ww	0.010 to 0.020	0.024	0.233	0.080
Tin	mg/kg ww	0.050 to 0.100	0.050	0.100	0.052
Titanium	mg/kg ww	0.10 to 0.20	0.10	0.20	0.10
Uranium	mg/kg ww	0.0020 to 0.0040	0.0020	0.0047	0.0022
Vanadium	mg/kg ww	0.10 to 0.20	0.10	0.20	0.11
Zinc	mg/kg ww	0.10 to 0.20	18.5	58.9	34.4

Note: Values below the analytical detection limit were replaced with the analytical detection limit when calculating summary values. mg/kg ww= milligrams per kilogram wet weight; - = parameter was not measured; % = percent; Min = minimum; Max = maximum.

#### 4.0 CLOSURE

We trust the above meets your present requirements. If you have any questions or require additional details, please contact the undersigned.

**GOLDER ASSOCIATES LTD.**



Kerrie C Serben, M.Sc.  
Environmental Scientist



Blair Hersikorn, M.Sc.  
Junior Environmental Scientist



Gary Ash, M.Sc., P. Biol.  
Principal

## 5.0 REFERENCES

- CFIA (2009). *Canadian Food Inspection Agency Fish Products Standards and Methods Manual: Appendix 3 Canadian Guidelines for Chemical Contaminants and Toxins in Fish and Fish Products*. Ottawa, ON.
- De Beers (De Beers Canada Inc.). 2010. *Environmental Impact Statement for the Gahcho Kué Project*. Volumes 1, 2, 3a, 3b, 4, 5, 6a, 6b, 7 and Annexes A through N. Submitted to Mackenzie Valley Environmental Impact Review Board. December 2010.
- De Beers (De Beers Canada Inc.). 2011. *Environmental Impact Statement for the Gahcho Kué Project*. Volumes 3a Revision 2, 3b Revision 2, 4 Revision 2, and 5 Revision 2. Submitted to the Mackenzie Valley Environmental Impact Review Board in Response to the Environmental Impact Statement Conformity Review. July 2011.
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- Golder (Golder Associates Ltd.). 2012. *2011 Fish and Aquatic Resources Supplemental Monitoring Report*. Submitted to De Beers Canada Inc. March 2012.
- US EPA (United States Environmental Protection Agency). 2012. *Region 3 Fish Tissue Screening Levels, June 2011*. Available online: <http://www.epa.gov/reg3hwmd/risk/human/index.htm>. Accessed April 20, 2012.

# APPENDIX A

## Analytical Chemistry Reports



GOLDER ASSOCIATES LTD  
ATTN: Kerrie Serben  
1721 8 Ave East  
Saskatoon SK S7H 0T4

Date Received: 17-OCT-11  
Report Date: 26-MAR-12 11:27 (MT)  
Version: FINAL REV. 2

Client Phone: 306-667-1531

## Certificate of Analysis

**Lab Work Order #:** L1072670

Project P.O. #: NOT SUBMITTED  
Job Reference: 11-1365-001 GAHCHO KUE FISH TISSUE  
C of C Numbers: C082318, C082319, C082320, C082321,  
C0822322  
Legal Site Desc:

**Comments:** L1072670 -79, 83, 84, 85, 88, 89, 90, 91, 92, 93, 94, 96, 134, 136, 138 - NO SAMPLE REMAINING FROM PREVIOUS FILE  
  
L1072670- 41, 46, 47, 53, 55, 59, 61, 63, 64, 65, 66, 67, 68, 70, 71, 72, 73, 76, 78, 82, 95, 103, 118, 120, 121, 130, 132- NO SAMPLE REMAINING TO PERFORM MOISTURE, WHOLE SAMPLE WAS USED FOR ANALYSIS  
  
L1072670-10,15- RECHECK FOR TOTAL STRONTIUM AND TOTAL MERCURY CONFIRMED ORIGINAL ANALYTICAL RESULTS, CONFIRMED BY RE-ANALYSIS

A handwritten signature in black ink that appears to read "Shannon Luchka".

Shannon Luchka  
Senior Account Manager

[This report shall not be reproduced except in full without the written authority of the Laboratory.]

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## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-1 GK11ULKTR001 Sampled By: CLIENT on 11-JUL-11 @ 10:00 Matrix: FISH TISSUE <b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b> <b>Metals in Tissue by ICPMS wet weight</b> Antimony (Sb)-Total <0.010 0.010 mg/kg 17-NOV-11 R2289860 Arsenic (As)-Total 0.028 0.010 mg/kg 17-NOV-11 R2289860 Barium (Ba)-Total 0.022 0.020 mg/kg 17-NOV-11 R2289860 Beryllium (Be)-Total <0.10 0.10 mg/kg 17-NOV-11 R2289860 Bismuth (Bi)-Total <0.060 0.060 mg/kg 17-NOV-11 R2289860 Cadmium (Cd)-Total <0.0060 0.0060 mg/kg 17-NOV-11 R2289860 Cobalt (Co)-Total <0.020 0.020 mg/kg 17-NOV-11 R2289860 Copper (Cu)-Total 0.247 0.040 mg/kg 17-NOV-11 R2289860 Lead (Pb)-Total <0.020 0.020 mg/kg 17-NOV-11 R2289860 Lithium (Li)-Total <0.10 0.10 mg/kg 17-NOV-11 R2289860 Magnesium (Mg)-Total 277 1.0 mg/kg 17-NOV-11 R2289860 Manganese (Mn)-Total 0.116 0.010 mg/kg 17-NOV-11 R2289860 Molybdenum (Mo)-Total <0.010 0.010 mg/kg 17-NOV-11 R2289860 Nickel (Ni)-Total <0.10 0.10 mg/kg 17-NOV-11 R2289860 Selenium (Se)-Total 0.25 0.20 mg/kg 17-NOV-11 R2289860 Strontium (Sr)-Total 0.144 0.010 mg/kg 17-NOV-11 R2289860 Thallium (Tl)-Total <0.010 0.010 mg/kg 17-NOV-11 R2289860 Tin (Sn)-Total <0.050 0.050 mg/kg 17-NOV-11 R2289860 Uranium (U)-Total <0.0020 0.0020 mg/kg 17-NOV-11 R2289860 Vanadium (V)-Total <0.10 0.10 mg/kg 17-NOV-11 R2289860 <b>Metals in Tissue by ICPOES wet weight</b> Aluminum (Al)-Total <2.0 2.0 mg/kg 21-NOV-11 R2290514 Calcium (Ca)-Total 90.6 2.0 mg/kg 21-NOV-11 R2290514 Chromium (Cr)-Total <0.10 0.10 mg/kg 21-NOV-11 R2290514 Iron (Fe)-Total 2.5 1.0 mg/kg 21-NOV-11 R2290514 Phosphorus (P)-Total 2330 5.0 mg/kg 21-NOV-11 R2290514 Potassium (K)-Total 3860 20 mg/kg 21-NOV-11 R2290514 Sodium (Na)-Total 294 20 mg/kg 21-NOV-11 R2290514 Titanium (Ti)-Total <0.10 0.10 mg/kg 21-NOV-11 R2290514 Zinc (Zn)-Total 3.50 0.10 mg/kg 21-NOV-11 R2290514 <b>Miscellaneous Parameters</b> % Moisture 76.9 0.10 % 01-DEC-11 R2296026 Mercury (Hg)-Total 0.791 0.0020 mg/kg 15-NOV-11 18-NOV-11 R2289591 Silver (Ag)-Total <0.050 0.050 mg/kg 17-NOV-11 R2289860							
L1072670-2 GK11ULKTR002 Sampled By: CLIENT on 11-JUL-11 @ 10:00 Matrix: FISH TISSUE <b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b> <b>Metals in Tissue by ICPMS wet weight</b> Antimony (Sb)-Total <0.010 0.010 mg/kg 17-NOV-11 R2289860 Arsenic (As)-Total 0.025 0.010 mg/kg 17-NOV-11 R2289860 Barium (Ba)-Total <0.020 0.020 mg/kg 17-NOV-11 R2289860 Beryllium (Be)-Total <0.10 0.10 mg/kg 17-NOV-11 R2289860 Bismuth (Bi)-Total <0.060 0.060 mg/kg 17-NOV-11 R2289860 Cadmium (Cd)-Total <0.0060 0.0060 mg/kg 17-NOV-11 R2289860 Cobalt (Co)-Total <0.020 0.020 mg/kg 17-NOV-11 R2289860 Copper (Cu)-Total 0.341 0.040 mg/kg 17-NOV-11 R2289860 Lead (Pb)-Total <0.020 0.020 mg/kg 17-NOV-11 R2289860 Lithium (Li)-Total <0.10 0.10 mg/kg 17-NOV-11 R2289860 Magnesium (Mg)-Total 271 1.0 mg/kg 17-NOV-11 R2289860							

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-2 GK11ULKTR002							
Sampled By: CLIENT on 11-JUL-11 @ 10:00							
Matrix: FISH TISSUE							
<b>Metals in Tissue by ICPMS wet weight</b>							
Manganese (Mn)-Total	0.120	0.010	mg/kg		17-NOV-11	R2289860	
Molybdenum (Mo)-Total	0.015	0.010	mg/kg		17-NOV-11	R2289860	
Nickel (Ni)-Total	<0.10	0.10	mg/kg		17-NOV-11	R2289860	
Selenium (Se)-Total	0.29	0.20	mg/kg		17-NOV-11	R2289860	
Strontium (Sr)-Total	0.295	0.010	mg/kg		17-NOV-11	R2289860	
Thallium (Tl)-Total	<0.010	0.010	mg/kg		17-NOV-11	R2289860	
Tin (Sn)-Total	<0.050	0.050	mg/kg		17-NOV-11	R2289860	
Uranium (U)-Total	<0.0020	0.0020	mg/kg		17-NOV-11	R2289860	
Vanadium (V)-Total	<0.10	0.10	mg/kg		17-NOV-11	R2289860	
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	<2.0	2.0	mg/kg		21-NOV-11	R2290514	
Calcium (Ca)-Total	138	2.0	mg/kg		21-NOV-11	R2290514	
Chromium (Cr)-Total	<0.10	0.10	mg/kg		21-NOV-11	R2290514	
Iron (Fe)-Total	2.6	1.0	mg/kg		21-NOV-11	R2290514	
Phosphorus (P)-Total	2480	5.0	mg/kg		21-NOV-11	R2290514	
Potassium (K)-Total	4190	20	mg/kg		21-NOV-11	R2290514	
Sodium (Na)-Total	311	20	mg/kg		21-NOV-11	R2290514	
Titanium (Ti)-Total	<0.10	0.10	mg/kg		21-NOV-11	R2290514	
Zinc (Zn)-Total	3.93	0.10	mg/kg		21-NOV-11	R2290514	
<b>Miscellaneous Parameters</b>							
% Moisture	75.9	0.10	%		01-DEC-11	R2296026	
Mercury (Hg)-Total	0.558	0.0020	mg/kg	15-NOV-11	18-NOV-11	R2289591	
Silver (Ag)-Total	<0.050	0.050	mg/kg		17-NOV-11	R2289860	
L1072670-3 GK11ULKTR003							
Sampled By: CLIENT on 11-JUL-11 @ 10:00							
Matrix: FISH TISSUE							
<b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>							
<b>Metals in Tissue by ICPMS wet weight</b>							
Antimony (Sb)-Total	<0.010	0.010	mg/kg		17-NOV-11	R2289860	
Arsenic (As)-Total	0.024	0.010	mg/kg		17-NOV-11	R2289860	
Barium (Ba)-Total	<0.020	0.020	mg/kg		17-NOV-11	R2289860	
Beryllium (Be)-Total	<0.10	0.10	mg/kg		17-NOV-11	R2289860	
Bismuth (Bi)-Total	<0.060	0.060	mg/kg		17-NOV-11	R2289860	
Cadmium (Cd)-Total	<0.0060	0.0060	mg/kg		17-NOV-11	R2289860	
Cobalt (Co)-Total	<0.020	0.020	mg/kg		17-NOV-11	R2289860	
Copper (Cu)-Total	0.265	0.040	mg/kg		17-NOV-11	R2289860	
Lead (Pb)-Total	<0.020	0.020	mg/kg		17-NOV-11	R2289860	
Lithium (Li)-Total	<0.10	0.10	mg/kg		17-NOV-11	R2289860	
Magnesium (Mg)-Total	272	1.0	mg/kg		17-NOV-11	R2289860	
Manganese (Mn)-Total	0.190	0.010	mg/kg		17-NOV-11	R2289860	
Molybdenum (Mo)-Total	<0.010	0.010	mg/kg		17-NOV-11	R2289860	
Nickel (Ni)-Total	<0.10	0.10	mg/kg		17-NOV-11	R2289860	
Selenium (Se)-Total	0.24	0.20	mg/kg		17-NOV-11	R2289860	
Strontium (Sr)-Total	0.150	0.010	mg/kg		17-NOV-11	R2289860	
Thallium (Tl)-Total	<0.010	0.010	mg/kg		17-NOV-11	R2289860	
Tin (Sn)-Total	<0.050	0.050	mg/kg		17-NOV-11	R2289860	
Uranium (U)-Total	<0.0020	0.0020	mg/kg		17-NOV-11	R2289860	
Vanadium (V)-Total	<0.10	0.10	mg/kg		17-NOV-11	R2289860	
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	<2.0	2.0	mg/kg		21-NOV-11	R2290514	
Calcium (Ca)-Total	128	2.0	mg/kg		21-NOV-11	R2290514	

\* Refer to Referenced Information for Qualifiers (if any) and Methodology.

# ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-3	GK11ULKTR003							
Sampled By:	CLIENT	on 11-JUL-11 @ 10:00						
Matrix:	FISH TISSUE							
<b>Metals in Tissue by ICPOES wet weight</b>								
Chromium (Cr)-Total		<0.10		0.10	mg/kg		21-NOV-11	R2290514
Iron (Fe)-Total		3.9		1.0	mg/kg		21-NOV-11	R2290514
Phosphorus (P)-Total		2650		5.0	mg/kg		21-NOV-11	R2290514
Potassium (K)-Total		4510		20	mg/kg		21-NOV-11	R2290514
Sodium (Na)-Total		372		20	mg/kg		21-NOV-11	R2290514
Titanium (Ti)-Total		<0.10		0.10	mg/kg		21-NOV-11	R2290514
Zinc (Zn)-Total		4.54		0.10	mg/kg		21-NOV-11	R2290514
<b>Miscellaneous Parameters</b>								
% Moisture		77.5		0.10	%		01-DEC-11	R2296026
Mercury (Hg)-Total		0.383		0.0020	mg/kg	15-NOV-11	18-NOV-11	R2289591
Silver (Ag)-Total		<0.050		0.050	mg/kg		17-NOV-11	R2289860
L1072670-4	GK11ULKTR004							
Sampled By:	CLIENT	on 11-JUL-11 @ 10:00						
Matrix:	FISH TISSUE							
<b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>								
<b>Metals in Tissue by ICPMS wet weight</b>								
Antimony (Sb)-Total		<0.010		0.010	mg/kg		17-NOV-11	R2289860
Arsenic (As)-Total		0.028		0.010	mg/kg		17-NOV-11	R2289860
Barium (Ba)-Total		<0.020		0.020	mg/kg		17-NOV-11	R2289860
Beryllium (Be)-Total		<0.10		0.10	mg/kg		17-NOV-11	R2289860
Bismuth (Bi)-Total		<0.060		0.060	mg/kg		17-NOV-11	R2289860
Cadmium (Cd)-Total		<0.0060		0.0060	mg/kg		17-NOV-11	R2289860
Cobalt (Co)-Total		<0.020		0.020	mg/kg		17-NOV-11	R2289860
Copper (Cu)-Total		0.298		0.040	mg/kg		17-NOV-11	R2289860
Lead (Pb)-Total		<0.020		0.020	mg/kg		17-NOV-11	R2289860
Lithium (Li)-Total		<0.10		0.10	mg/kg		17-NOV-11	R2289860
Magnesium (Mg)-Total		266		1.0	mg/kg		17-NOV-11	R2289860
Manganese (Mn)-Total		0.237		0.010	mg/kg		17-NOV-11	R2289860
Molybdenum (Mo)-Total		0.016		0.010	mg/kg		17-NOV-11	R2289860
Nickel (Ni)-Total		<0.10		0.10	mg/kg		17-NOV-11	R2289860
Selenium (Se)-Total		0.26		0.20	mg/kg		17-NOV-11	R2289860
Strontium (Sr)-Total		0.252		0.010	mg/kg		17-NOV-11	R2289860
Thallium (Tl)-Total		<0.010		0.010	mg/kg		17-NOV-11	R2289860
Tin (Sn)-Total		<0.050		0.050	mg/kg		17-NOV-11	R2289860
Uranium (U)-Total		<0.0020		0.0020	mg/kg		17-NOV-11	R2289860
Vanadium (V)-Total		<0.10		0.10	mg/kg		17-NOV-11	R2289860
<b>Metals in Tissue by ICPOES wet weight</b>								
Aluminum (Al)-Total		<2.0		2.0	mg/kg		21-NOV-11	R2290514
Calcium (Ca)-Total		208		2.0	mg/kg		21-NOV-11	R2290514
Chromium (Cr)-Total		<0.10		0.10	mg/kg		21-NOV-11	R2290514
Iron (Fe)-Total		4.6		1.0	mg/kg		21-NOV-11	R2290514
Phosphorus (P)-Total		2620		5.0	mg/kg		21-NOV-11	R2290514
Potassium (K)-Total		4410		20	mg/kg		21-NOV-11	R2290514
Sodium (Na)-Total		392		20	mg/kg		21-NOV-11	R2290514
Titanium (Ti)-Total		<0.10		0.10	mg/kg		21-NOV-11	R2290514
Zinc (Zn)-Total		5.89		0.10	mg/kg		21-NOV-11	R2290514
<b>Miscellaneous Parameters</b>								
% Moisture		78.9		0.10	%		01-DEC-11	R2296026
Mercury (Hg)-Total		0.932		0.0020	mg/kg	15-NOV-11	18-NOV-11	R2289591
Silver (Ag)-Total		<0.050		0.050	mg/kg		17-NOV-11	R2289860

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-5 GK11ULKTR005 Sampled By: CLIENT on 11-JUL-11 @ 10:00 Matrix: FISH TISSUE <b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b> <b>Metals in Tissue by ICPMS wet weight</b> Antimony (Sb)-Total <0.010 0.010 mg/kg 17-NOV-11 R2289860 Arsenic (As)-Total 0.024 0.010 mg/kg 17-NOV-11 R2289860 Barium (Ba)-Total <0.020 0.020 mg/kg 17-NOV-11 R2289860 Beryllium (Be)-Total <0.10 0.10 mg/kg 17-NOV-11 R2289860 Bismuth (Bi)-Total <0.060 0.060 mg/kg 17-NOV-11 R2289860 Cadmium (Cd)-Total <0.0060 0.0060 mg/kg 17-NOV-11 R2289860 Cobalt (Co)-Total <0.020 0.020 mg/kg 17-NOV-11 R2289860 Copper (Cu)-Total 0.188 0.040 mg/kg 17-NOV-11 R2289860 Lead (Pb)-Total <0.020 0.020 mg/kg 17-NOV-11 R2289860 Lithium (Li)-Total <0.10 0.10 mg/kg 17-NOV-11 R2289860 Magnesium (Mg)-Total 263 1.0 mg/kg 17-NOV-11 R2289860 Manganese (Mn)-Total 0.128 0.010 mg/kg 17-NOV-11 R2289860 Molybdenum (Mo)-Total <0.010 0.010 mg/kg 17-NOV-11 R2289860 Nickel (Ni)-Total <0.10 0.10 mg/kg 17-NOV-11 R2289860 Selenium (Se)-Total 0.28 0.20 mg/kg 17-NOV-11 R2289860 Strontium (Sr)-Total 0.278 0.010 mg/kg 17-NOV-11 R2289860 Thallium (Tl)-Total <0.010 0.010 mg/kg 17-NOV-11 R2289860 Tin (Sn)-Total <0.050 0.050 mg/kg 17-NOV-11 R2289860 Uranium (U)-Total <0.0020 0.0020 mg/kg 17-NOV-11 R2289860 Vanadium (V)-Total <0.10 0.10 mg/kg 17-NOV-11 R2289860 <b>Metals in Tissue by ICPOES wet weight</b> Aluminum (Al)-Total <2.0 2.0 mg/kg 21-NOV-11 R2290514 Calcium (Ca)-Total 179 2.0 mg/kg 21-NOV-11 R2290514 Chromium (Cr)-Total <0.10 0.10 mg/kg 21-NOV-11 R2290514 Iron (Fe)-Total 3.2 1.0 mg/kg 21-NOV-11 R2290514 Phosphorus (P)-Total 2640 5.0 mg/kg 21-NOV-11 R2290514 Potassium (K)-Total 4340 20 mg/kg 21-NOV-11 R2290514 Sodium (Na)-Total 312 20 mg/kg 21-NOV-11 R2290514 Titanium (Ti)-Total <0.10 0.10 mg/kg 21-NOV-11 R2290514 Zinc (Zn)-Total 4.99 0.10 mg/kg 21-NOV-11 R2290514 <b>Miscellaneous Parameters</b> % Moisture 78.5 0.10 % 01-DEC-11 R2296026 Mercury (Hg)-Total 0.608 0.0020 mg/kg 15-NOV-11 18-NOV-11 R2289591 Silver (Ag)-Total <0.050 0.050 mg/kg 17-NOV-11 R2289860							
L1072670-6 GK11ULKTR006 Sampled By: CLIENT on 11-JUL-11 @ 10:00 Matrix: FISH TISSUE <b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b> <b>Metals in Tissue by ICPMS wet weight</b> Antimony (Sb)-Total <0.010 0.010 mg/kg 17-NOV-11 R2289860 Arsenic (As)-Total 0.026 0.010 mg/kg 17-NOV-11 R2289860 Barium (Ba)-Total <0.020 0.020 mg/kg 17-NOV-11 R2289860 Beryllium (Be)-Total <0.10 0.10 mg/kg 17-NOV-11 R2289860 Bismuth (Bi)-Total <0.060 0.060 mg/kg 17-NOV-11 R2289860 Cadmium (Cd)-Total <0.0060 0.0060 mg/kg 17-NOV-11 R2289860 Cobalt (Co)-Total <0.020 0.020 mg/kg 17-NOV-11 R2289860 Copper (Cu)-Total 0.252 0.040 mg/kg 17-NOV-11 R2289860 Lead (Pb)-Total <0.020 0.020 mg/kg 17-NOV-11 R2289860 Lithium (Li)-Total <0.10 0.10 mg/kg 17-NOV-11 R2289860 Magnesium (Mg)-Total 283 1.0 mg/kg 17-NOV-11 R2289860							

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-6 GK11ULKTR006							
Sampled By: CLIENT on 11-JUL-11 @ 10:00							
Matrix: FISH TISSUE							
<b>Metals in Tissue by ICPMS wet weight</b>							
Manganese (Mn)-Total	0.163		0.010	mg/kg		17-NOV-11	R2289860
Molybdenum (Mo)-Total	<0.010		0.010	mg/kg		17-NOV-11	R2289860
Nickel (Ni)-Total	<0.10		0.10	mg/kg		17-NOV-11	R2289860
Selenium (Se)-Total	0.28		0.20	mg/kg		17-NOV-11	R2289860
Strontium (Sr)-Total	0.278		0.010	mg/kg		17-NOV-11	R2289860
Thallium (Tl)-Total	<0.010		0.010	mg/kg		17-NOV-11	R2289860
Tin (Sn)-Total	<0.050		0.050	mg/kg		17-NOV-11	R2289860
Uranium (U)-Total	<0.0020		0.0020	mg/kg		17-NOV-11	R2289860
Vanadium (V)-Total	<0.10		0.10	mg/kg		17-NOV-11	R2289860
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	<2.0		2.0	mg/kg		21-NOV-11	R2290514
Calcium (Ca)-Total	161		2.0	mg/kg		21-NOV-11	R2290514
Chromium (Cr)-Total	<0.10		0.10	mg/kg		21-NOV-11	R2290514
Iron (Fe)-Total	2.5		1.0	mg/kg		21-NOV-11	R2290514
Phosphorus (P)-Total	2360		5.0	mg/kg		21-NOV-11	R2290514
Potassium (K)-Total	3870		20	mg/kg		21-NOV-11	R2290514
Sodium (Na)-Total	314		20	mg/kg		21-NOV-11	R2290514
Titanium (Ti)-Total	<0.10		0.10	mg/kg		21-NOV-11	R2290514
Zinc (Zn)-Total	5.36		0.10	mg/kg		21-NOV-11	R2290514
<b>Miscellaneous Parameters</b>							
% Moisture	77.4		0.10	%		01-DEC-11	R2296026
Mercury (Hg)-Total	0.309		0.0020	mg/kg	15-NOV-11	18-NOV-11	R2289591
Silver (Ag)-Total	<0.050		0.050	mg/kg		17-NOV-11	R2289860
L1072670-7 GK11ULKTR007							
Sampled By: CLIENT on 11-JUL-11 @ 10:00							
Matrix: FISH TISSUE							
<b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>							
<b>Metals in Tissue by ICPMS wet weight</b>							
Antimony (Sb)-Total	<0.010		0.010	mg/kg		17-NOV-11	R2289860
Arsenic (As)-Total	0.027		0.010	mg/kg		17-NOV-11	R2289860
Barium (Ba)-Total	<0.020		0.020	mg/kg		17-NOV-11	R2289860
Beryllium (Be)-Total	<0.10		0.10	mg/kg		17-NOV-11	R2289860
Bismuth (Bi)-Total	<0.060		0.060	mg/kg		17-NOV-11	R2289860
Cadmium (Cd)-Total	<0.0060		0.0060	mg/kg		17-NOV-11	R2289860
Cobalt (Co)-Total	0.032		0.020	mg/kg		17-NOV-11	R2289860
Copper (Cu)-Total	0.264		0.040	mg/kg		17-NOV-11	R2289860
Lead (Pb)-Total	<0.020		0.020	mg/kg		17-NOV-11	R2289860
Lithium (Li)-Total	<0.10		0.10	mg/kg		17-NOV-11	R2289860
Magnesium (Mg)-Total	282		1.0	mg/kg		17-NOV-11	R2289860
Manganese (Mn)-Total	0.118		0.010	mg/kg		17-NOV-11	R2289860
Molybdenum (Mo)-Total	<0.010		0.010	mg/kg		17-NOV-11	R2289860
Nickel (Ni)-Total	<0.10		0.10	mg/kg		17-NOV-11	R2289860
Selenium (Se)-Total	0.25		0.20	mg/kg		17-NOV-11	R2289860
Strontium (Sr)-Total	0.080		0.010	mg/kg		17-NOV-11	R2289860
Thallium (Tl)-Total	<0.010		0.010	mg/kg		17-NOV-11	R2289860
Tin (Sn)-Total	<0.050		0.050	mg/kg		17-NOV-11	R2289860
Uranium (U)-Total	<0.0020		0.0020	mg/kg		17-NOV-11	R2289860
Vanadium (V)-Total	<0.10		0.10	mg/kg		17-NOV-11	R2289860
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	<2.0		2.0	mg/kg		21-NOV-11	R2290514
Calcium (Ca)-Total	84.3		2.0	mg/kg		21-NOV-11	R2290514

\* Refer to Referenced Information for Qualifiers (if any) and Methodology.

# ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-7	GK11ULKTR007							
Sampled By:	CLIENT on 11-JUL-11 @ 10:00							
Matrix:	FISH TISSUE							
<b>Metals in Tissue by ICPOES wet weight</b>								
Chromium (Cr)-Total		<0.10		0.10	mg/kg		21-NOV-11	R2290514
Iron (Fe)-Total		2.5		1.0	mg/kg		21-NOV-11	R2290514
Phosphorus (P)-Total		2440		5.0	mg/kg		21-NOV-11	R2290514
Potassium (K)-Total		3910		20	mg/kg		21-NOV-11	R2290514
Sodium (Na)-Total		269		20	mg/kg		21-NOV-11	R2290514
Titanium (Ti)-Total		<0.10		0.10	mg/kg		21-NOV-11	R2290514
Zinc (Zn)-Total		3.33		0.10	mg/kg		21-NOV-11	R2290514
<b>Miscellaneous Parameters</b>								
% Moisture		76.5		0.10	%		01-DEC-11	R2296026
Mercury (Hg)-Total		0.794		0.0020	mg/kg	15-NOV-11	18-NOV-11	R2289591
Silver (Ag)-Total		<0.050		0.050	mg/kg		17-NOV-11	R2289860
L1072670-8	GK11ULKTR008							
Sampled By:	CLIENT on 11-JUL-11 @ 10:00							
Matrix:	FISH TISSUE							
<b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>								
<b>Metals in Tissue by ICPMS wet weight</b>								
Antimony (Sb)-Total		<0.010		0.010	mg/kg		17-NOV-11	R2289860
Arsenic (As)-Total		0.032		0.010	mg/kg		17-NOV-11	R2289860
Barium (Ba)-Total		<0.020		0.020	mg/kg		17-NOV-11	R2289860
Beryllium (Be)-Total		<0.10		0.10	mg/kg		17-NOV-11	R2289860
Bismuth (Bi)-Total		<0.060		0.060	mg/kg		17-NOV-11	R2289860
Cadmium (Cd)-Total		<0.0060		0.0060	mg/kg		17-NOV-11	R2289860
Cobalt (Co)-Total		<0.020		0.020	mg/kg		17-NOV-11	R2289860
Copper (Cu)-Total		0.255		0.040	mg/kg		17-NOV-11	R2289860
Lead (Pb)-Total		<0.020		0.020	mg/kg		17-NOV-11	R2289860
Lithium (Li)-Total		<0.10		0.10	mg/kg		17-NOV-11	R2289860
Magnesium (Mg)-Total		270		1.0	mg/kg		17-NOV-11	R2289860
Manganese (Mn)-Total		0.192		0.010	mg/kg		17-NOV-11	R2289860
Molybdenum (Mo)-Total		<0.010		0.010	mg/kg		17-NOV-11	R2289860
Nickel (Ni)-Total		<0.10		0.10	mg/kg		17-NOV-11	R2289860
Selenium (Se)-Total		0.24		0.20	mg/kg		17-NOV-11	R2289860
Strontium (Sr)-Total		0.122		0.010	mg/kg		17-NOV-11	R2289860
Thallium (Tl)-Total		<0.010		0.010	mg/kg		17-NOV-11	R2289860
Tin (Sn)-Total		<0.050		0.050	mg/kg		17-NOV-11	R2289860
Uranium (U)-Total		<0.0020		0.0020	mg/kg		17-NOV-11	R2289860
Vanadium (V)-Total		<0.10		0.10	mg/kg		17-NOV-11	R2289860
<b>Metals in Tissue by ICPOES wet weight</b>								
Aluminum (Al)-Total		<2.0		2.0	mg/kg		21-NOV-11	R2290514
Calcium (Ca)-Total		86.0		2.0	mg/kg		21-NOV-11	R2290514
Chromium (Cr)-Total		<0.10		0.10	mg/kg		21-NOV-11	R2290514
Iron (Fe)-Total		3.0		1.0	mg/kg		21-NOV-11	R2290514
Phosphorus (P)-Total		2050		5.0	mg/kg		21-NOV-11	R2290514
Potassium (K)-Total		3770		20	mg/kg		21-NOV-11	R2290514
Sodium (Na)-Total		305		20	mg/kg		21-NOV-11	R2290514
Titanium (Ti)-Total		<0.10		0.10	mg/kg		21-NOV-11	R2290514
Zinc (Zn)-Total		4.29		0.10	mg/kg		21-NOV-11	R2290514
<b>Miscellaneous Parameters</b>								
% Moisture		78.7		0.10	%		01-DEC-11	R2296026
Mercury (Hg)-Total		0.474		0.0020	mg/kg	15-NOV-11	18-NOV-11	R2289591
Silver (Ag)-Total		<0.050		0.050	mg/kg		17-NOV-11	R2289860

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-9 GK11ULKTR009 Sampled By: CLIENT on 11-JUL-11 @ 10:00 Matrix: FISH TISSUE <b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b> <b>Metals in Tissue by ICPMS wet weight</b> Antimony (Sb)-Total <0.010 0.010 mg/kg 17-NOV-11 R2289860 Arsenic (As)-Total 0.023 0.010 mg/kg 17-NOV-11 R2289860 Barium (Ba)-Total <0.020 0.020 mg/kg 17-NOV-11 R2289860 Beryllium (Be)-Total <0.10 0.10 mg/kg 17-NOV-11 R2289860 Bismuth (Bi)-Total <0.060 0.060 mg/kg 17-NOV-11 R2289860 Cadmium (Cd)-Total <0.0060 0.0060 mg/kg 17-NOV-11 R2289860 Cobalt (Co)-Total <0.020 0.020 mg/kg 17-NOV-11 R2289860 Copper (Cu)-Total 0.310 0.040 mg/kg 17-NOV-11 R2289860 Lead (Pb)-Total <0.020 0.020 mg/kg 17-NOV-11 R2289860 Lithium (Li)-Total <0.10 0.10 mg/kg 17-NOV-11 R2289860 Magnesium (Mg)-Total 273 1.0 mg/kg 17-NOV-11 R2289860 Manganese (Mn)-Total 0.178 0.010 mg/kg 17-NOV-11 R2289860 Molybdenum (Mo)-Total <0.010 0.010 mg/kg 17-NOV-11 R2289860 Nickel (Ni)-Total <0.10 0.10 mg/kg 17-NOV-11 R2289860 Selenium (Se)-Total 0.28 0.20 mg/kg 17-NOV-11 R2289860 Strontium (Sr)-Total 0.324 0.010 mg/kg 17-NOV-11 R2289860 Thallium (Tl)-Total <0.010 0.010 mg/kg 17-NOV-11 R2289860 Tin (Sn)-Total <0.050 0.050 mg/kg 17-NOV-11 R2289860 Uranium (U)-Total <0.0020 0.0020 mg/kg 17-NOV-11 R2289860 Vanadium (V)-Total <0.10 0.10 mg/kg 17-NOV-11 R2289860 <b>Metals in Tissue by ICPOES wet weight</b> Aluminum (Al)-Total <2.0 2.0 mg/kg 21-NOV-11 R2290514 Calcium (Ca)-Total 163 2.0 mg/kg 21-NOV-11 R2290514 Chromium (Cr)-Total <0.10 0.10 mg/kg 21-NOV-11 R2290514 Iron (Fe)-Total 3.2 1.0 mg/kg 21-NOV-11 R2290514 Phosphorus (P)-Total 2610 5.0 mg/kg 21-NOV-11 R2290514 Potassium (K)-Total 4240 20 mg/kg 21-NOV-11 R2290514 Sodium (Na)-Total 283 20 mg/kg 21-NOV-11 R2290514 Titanium (Ti)-Total <0.10 0.10 mg/kg 21-NOV-11 R2290514 Zinc (Zn)-Total 3.91 0.10 mg/kg 21-NOV-11 R2290514 <b>Miscellaneous Parameters</b> % Moisture 76.6 0.10 % 01-DEC-11 R2296026 Mercury (Hg)-Total 0.328 0.0020 mg/kg 15-NOV-11 18-NOV-11 R2289591 Silver (Ag)-Total <0.050 0.050 mg/kg 17-NOV-11 R2289860							
L1072670-10 GK11ULKTR010 Sampled By: CLIENT on 11-JUL-11 @ 10:00 Matrix: FISH TISSUE <b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b> <b>Metals in Tissue by ICPMS wet weight</b> Antimony (Sb)-Total <0.010 0.010 mg/kg 17-NOV-11 R2289860 Arsenic (As)-Total 0.019 0.010 mg/kg 17-NOV-11 R2289860 Barium (Ba)-Total <0.020 0.020 mg/kg 17-NOV-11 R2289860 Beryllium (Be)-Total <0.10 0.10 mg/kg 17-NOV-11 R2289860 Bismuth (Bi)-Total <0.060 0.060 mg/kg 17-NOV-11 R2289860 Cadmium (Cd)-Total <0.0060 0.0060 mg/kg 17-NOV-11 R2289860 Cobalt (Co)-Total <0.020 0.020 mg/kg 17-NOV-11 R2289860 Copper (Cu)-Total 0.277 0.040 mg/kg 17-NOV-11 R2289860 Lead (Pb)-Total <0.020 0.020 mg/kg 17-NOV-11 R2289860 Lithium (Li)-Total <0.10 0.10 mg/kg 17-NOV-11 R2289860 Magnesium (Mg)-Total 301 1.0 mg/kg 17-NOV-11 R2289860							

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-10 GK11ULKTR010 Sampled By: CLIENT on 11-JUL-11 @ 10:00 Matrix: FISH TISSUE							
<b>Metals in Tissue by ICPMS wet weight</b>							
Manganese (Mn)-Total	0.139		0.010	mg/kg		17-NOV-11	R2289860
Molybdenum (Mo)-Total	<0.010		0.010	mg/kg		17-NOV-11	R2289860
Nickel (Ni)-Total	<0.10		0.10	mg/kg		17-NOV-11	R2289860
Selenium (Se)-Total	0.33		0.20	mg/kg		17-NOV-11	R2289860
Strontium (Sr)-Total	0.492	RRV	0.010	mg/kg		17-NOV-11	R2289860
Thallium (Tl)-Total	<0.010		0.010	mg/kg		17-NOV-11	R2289860
Tin (Sn)-Total	<0.050		0.050	mg/kg		17-NOV-11	R2289860
Uranium (U)-Total	<0.0020		0.0020	mg/kg		17-NOV-11	R2289860
Vanadium (V)-Total	<0.10		0.10	mg/kg		17-NOV-11	R2289860
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	<2.0		2.0	mg/kg		21-NOV-11	R2290514
Calcium (Ca)-Total	212		2.0	mg/kg		21-NOV-11	R2290514
Chromium (Cr)-Total	<0.10		0.10	mg/kg		21-NOV-11	R2290514
Iron (Fe)-Total	2.6		1.0	mg/kg		21-NOV-11	R2290514
Phosphorus (P)-Total	2540		5.0	mg/kg		21-NOV-11	R2290514
Potassium (K)-Total	4130		20	mg/kg		21-NOV-11	R2290514
Sodium (Na)-Total	253		20	mg/kg		21-NOV-11	R2290514
Titanium (Ti)-Total	<0.10		0.10	mg/kg		21-NOV-11	R2290514
Zinc (Zn)-Total	4.89		0.10	mg/kg		21-NOV-11	R2290514
<b>Miscellaneous Parameters</b>							
% Moisture	76.4		0.10	%		01-DEC-11	R2296026
Mercury (Hg)-Total	0.326		0.0020	mg/kg	15-NOV-11	18-NOV-11	R2289591
Silver (Ag)-Total	<0.050		0.050	mg/kg		17-NOV-11	R2289860
L1072670-11 GK11ULKTR011 Sampled By: CLIENT on 11-JUL-11 @ 10:00 Matrix: FISH TISSUE							
<b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>							
<b>Metals in Tissue by ICPMS wet weight</b>							
Antimony (Sb)-Total	<0.010		0.010	mg/kg		17-NOV-11	R2289860
Arsenic (As)-Total	0.019		0.010	mg/kg		17-NOV-11	R2289860
Barium (Ba)-Total	<0.020		0.020	mg/kg		17-NOV-11	R2289860
Beryllium (Be)-Total	<0.10		0.10	mg/kg		17-NOV-11	R2289860
Bismuth (Bi)-Total	<0.060		0.060	mg/kg		17-NOV-11	R2289860
Cadmium (Cd)-Total	<0.0060		0.0060	mg/kg		17-NOV-11	R2289860
Cobalt (Co)-Total	<0.020		0.020	mg/kg		17-NOV-11	R2289860
Copper (Cu)-Total	0.282		0.040	mg/kg		17-NOV-11	R2289860
Lead (Pb)-Total	<0.020		0.020	mg/kg		17-NOV-11	R2289860
Lithium (Li)-Total	<0.10		0.10	mg/kg		17-NOV-11	R2289860
Magnesium (Mg)-Total	272		1.0	mg/kg		17-NOV-11	R2289860
Manganese (Mn)-Total	0.122		0.010	mg/kg		17-NOV-11	R2289860
Molybdenum (Mo)-Total	<0.010		0.010	mg/kg		17-NOV-11	R2289860
Nickel (Ni)-Total	<0.10		0.10	mg/kg		17-NOV-11	R2289860
Selenium (Se)-Total	0.26		0.20	mg/kg		17-NOV-11	R2289860
Strontium (Sr)-Total	0.165		0.010	mg/kg		17-NOV-11	R2289860
Thallium (Tl)-Total	<0.010		0.010	mg/kg		17-NOV-11	R2289860
Tin (Sn)-Total	<0.050		0.050	mg/kg		17-NOV-11	R2289860
Uranium (U)-Total	<0.0020		0.0020	mg/kg		17-NOV-11	R2289860
Vanadium (V)-Total	<0.10		0.10	mg/kg		17-NOV-11	R2289860
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	<2.0		2.0	mg/kg		21-NOV-11	R2290514
Calcium (Ca)-Total	110		2.0	mg/kg		21-NOV-11	R2290514

\* Refer to Referenced Information for Qualifiers (if any) and Methodology.

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-11 GK11ULKTR011 Sampled By: CLIENT on 11-JUL-11 @ 10:00 Matrix: FISH TISSUE <b>Metals in Tissue by ICPOES wet weight</b> Chromium (Cr)-Total <0.10 0.10 mg/kg 21-NOV-11 R2290514 Iron (Fe)-Total 5.0 1.0 mg/kg 21-NOV-11 R2290514 Phosphorus (P)-Total 2940 5.0 mg/kg 21-NOV-11 R2290514 Potassium (K)-Total 4940 20 mg/kg 21-NOV-11 R2290514 Sodium (Na)-Total 350 20 mg/kg 21-NOV-11 R2290514 Titanium (Ti)-Total <0.10 0.10 mg/kg 21-NOV-11 R2290514 Zinc (Zn)-Total 4.49 0.10 mg/kg 21-NOV-11 R2290514 <b>Miscellaneous Parameters</b> % Moisture 78.2 0.10 % 01-DEC-11 R2296026 Mercury (Hg)-Total 0.634 0.0020 mg/kg 15-NOV-11 18-NOV-11 R2289591 Silver (Ag)-Total <0.050 0.050 mg/kg 17-NOV-11 R2289860							
L1072670-12 GK11ULKTR012 Sampled By: CLIENT on 11-JUL-11 @ 10:00 Matrix: FISH TISSUE <b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b> <b>Metals in Tissue by ICPMS wet weight</b> Antimony (Sb)-Total <0.010 0.010 mg/kg 17-NOV-11 R2289860 Arsenic (As)-Total 0.022 0.010 mg/kg 17-NOV-11 R2289860 Barium (Ba)-Total <0.020 0.020 mg/kg 17-NOV-11 R2289860 Beryllium (Be)-Total <0.10 0.10 mg/kg 17-NOV-11 R2289860 Bismuth (Bi)-Total <0.060 0.060 mg/kg 17-NOV-11 R2289860 Cadmium (Cd)-Total <0.0060 0.0060 mg/kg 17-NOV-11 R2289860 Cobalt (Co)-Total <0.020 0.020 mg/kg 17-NOV-11 R2289860 Copper (Cu)-Total 0.355 0.040 mg/kg 17-NOV-11 R2289860 Lead (Pb)-Total <0.020 0.020 mg/kg 17-NOV-11 R2289860 Lithium (Li)-Total <0.10 0.10 mg/kg 17-NOV-11 R2289860 Magnesium (Mg)-Total 297 1.0 mg/kg 17-NOV-11 R2289860 Manganese (Mn)-Total 0.145 0.010 mg/kg 17-NOV-11 R2289860 Molybdenum (Mo)-Total <0.010 0.010 mg/kg 17-NOV-11 R2289860 Nickel (Ni)-Total <0.10 0.10 mg/kg 17-NOV-11 R2289860 Selenium (Se)-Total 0.23 0.20 mg/kg 17-NOV-11 R2289860 Strontium (Sr)-Total 0.268 0.010 mg/kg 17-NOV-11 R2289860 Thallium (Tl)-Total <0.010 0.010 mg/kg 17-NOV-11 R2289860 Tin (Sn)-Total <0.050 0.050 mg/kg 17-NOV-11 R2289860 Uranium (U)-Total <0.0020 0.0020 mg/kg 17-NOV-11 R2289860 Vanadium (V)-Total <0.10 0.10 mg/kg 17-NOV-11 R2289860 <b>Metals in Tissue by ICPOES wet weight</b> Aluminum (Al)-Total <2.0 2.0 mg/kg 21-NOV-11 R2290514 Calcium (Ca)-Total 144 2.0 mg/kg 21-NOV-11 R2290514 Chromium (Cr)-Total <0.10 0.10 mg/kg 21-NOV-11 R2290514 Iron (Fe)-Total 2.8 1.0 mg/kg 21-NOV-11 R2290514 Phosphorus (P)-Total 2590 5.0 mg/kg 21-NOV-11 R2290514 Potassium (K)-Total 4170 20 mg/kg 21-NOV-11 R2290514 Sodium (Na)-Total 279 20 mg/kg 21-NOV-11 R2290514 Titanium (Ti)-Total <0.10 0.10 mg/kg 21-NOV-11 R2290514 Zinc (Zn)-Total 4.88 0.10 mg/kg 21-NOV-11 R2290514 <b>Miscellaneous Parameters</b> % Moisture 76.4 0.10 % 01-DEC-11 R2296026 Mercury (Hg)-Total 0.285 0.0020 mg/kg 15-NOV-11 18-NOV-11 R2289591 Silver (Ag)-Total <0.050 0.050 mg/kg 17-NOV-11 R2289860							

\* Refer to Referenced Information for Qualifiers (if any) and Methodology.

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-13 GK11ULKTR013 Sampled By: CLIENT on 12-JUL-11 @ 10:00 Matrix: FISH TISSUE <b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b> <b>Metals in Tissue by ICPMS wet weight</b> Antimony (Sb)-Total <0.010 0.010 mg/kg 17-NOV-11 R2289860 Arsenic (As)-Total 0.020 0.010 mg/kg 17-NOV-11 R2289860 Barium (Ba)-Total <0.020 0.020 mg/kg 17-NOV-11 R2289860 Beryllium (Be)-Total <0.10 0.10 mg/kg 17-NOV-11 R2289860 Bismuth (Bi)-Total <0.060 0.060 mg/kg 17-NOV-11 R2289860 Cadmium (Cd)-Total <0.0060 0.0060 mg/kg 17-NOV-11 R2289860 Cobalt (Co)-Total <0.020 0.020 mg/kg 17-NOV-11 R2289860 Copper (Cu)-Total 0.281 0.040 mg/kg 17-NOV-11 R2289860 Lead (Pb)-Total <0.020 0.020 mg/kg 17-NOV-11 R2289860 Lithium (Li)-Total <0.10 0.10 mg/kg 17-NOV-11 R2289860 Magnesium (Mg)-Total 298 1.0 mg/kg 17-NOV-11 R2289860 Manganese (Mn)-Total 0.175 0.010 mg/kg 17-NOV-11 R2289860 Molybdenum (Mo)-Total <0.010 0.010 mg/kg 17-NOV-11 R2289860 Nickel (Ni)-Total <0.10 0.10 mg/kg 17-NOV-11 R2289860 Selenium (Se)-Total 0.31 0.20 mg/kg 17-NOV-11 R2289860 Strontium (Sr)-Total 0.200 0.010 mg/kg 17-NOV-11 R2289860 Thallium (Tl)-Total <0.010 0.010 mg/kg 17-NOV-11 R2289860 Tin (Sn)-Total <0.050 0.050 mg/kg 17-NOV-11 R2289860 Uranium (U)-Total <0.0020 0.0020 mg/kg 17-NOV-11 R2289860 Vanadium (V)-Total <0.10 0.10 mg/kg 17-NOV-11 R2289860 <b>Metals in Tissue by ICPOES wet weight</b> Aluminum (Al)-Total <2.0 2.0 mg/kg 21-NOV-11 R2290514 Calcium (Ca)-Total 111 2.0 mg/kg 21-NOV-11 R2290514 Chromium (Cr)-Total <0.10 0.10 mg/kg 21-NOV-11 R2290514 Iron (Fe)-Total 2.8 1.0 mg/kg 21-NOV-11 R2290514 Phosphorus (P)-Total 2510 5.0 mg/kg 21-NOV-11 R2290514 Potassium (K)-Total 4280 20 mg/kg 21-NOV-11 R2290514 Sodium (Na)-Total 284 20 mg/kg 21-NOV-11 R2290514 Titanium (Ti)-Total <0.10 0.10 mg/kg 21-NOV-11 R2290514 Zinc (Zn)-Total 5.67 0.10 mg/kg 21-NOV-11 R2290514 <b>Miscellaneous Parameters</b> % Moisture 76.8 0.10 % 01-DEC-11 R2296026 Mercury (Hg)-Total 0.173 0.0020 mg/kg 15-NOV-11 18-NOV-11 R2289591 Silver (Ag)-Total <0.050 0.050 mg/kg 17-NOV-11 R2289860							
L1072670-14 GK11ULKTR014 Sampled By: CLIENT on 12-JUL-11 @ 10:00 Matrix: FISH TISSUE <b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b> <b>Metals in Tissue by ICPMS wet weight</b> Antimony (Sb)-Total <0.010 0.010 mg/kg 17-NOV-11 R2289860 Arsenic (As)-Total 0.020 0.010 mg/kg 17-NOV-11 R2289860 Barium (Ba)-Total <0.020 0.020 mg/kg 17-NOV-11 R2289860 Beryllium (Be)-Total <0.10 0.10 mg/kg 17-NOV-11 R2289860 Bismuth (Bi)-Total <0.060 0.060 mg/kg 17-NOV-11 R2289860 Cadmium (Cd)-Total <0.0060 0.0060 mg/kg 17-NOV-11 R2289860 Cobalt (Co)-Total <0.020 0.020 mg/kg 17-NOV-11 R2289860 Copper (Cu)-Total 0.282 0.040 mg/kg 17-NOV-11 R2289860 Lead (Pb)-Total <0.020 0.020 mg/kg 17-NOV-11 R2289860 Lithium (Li)-Total <0.10 0.10 mg/kg 17-NOV-11 R2289860 Magnesium (Mg)-Total 280 1.0 mg/kg 17-NOV-11 R2289860							

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-14 GK11ULKTR014 Sampled By: CLIENT on 12-JUL-11 @ 10:00 Matrix: FISH TISSUE							
<b>Metals in Tissue by ICPMS wet weight</b>							
Manganese (Mn)-Total	0.125		0.010	mg/kg		17-NOV-11	R2289860
Molybdenum (Mo)-Total	<0.010		0.010	mg/kg		17-NOV-11	R2289860
Nickel (Ni)-Total	<0.10		0.10	mg/kg		17-NOV-11	R2289860
Selenium (Se)-Total	0.24		0.20	mg/kg		17-NOV-11	R2289860
Strontium (Sr)-Total	0.094		0.010	mg/kg		17-NOV-11	R2289860
Thallium (Tl)-Total	<0.010		0.010	mg/kg		17-NOV-11	R2289860
Tin (Sn)-Total	<0.050		0.050	mg/kg		17-NOV-11	R2289860
Uranium (U)-Total	<0.0020		0.0020	mg/kg		17-NOV-11	R2289860
Vanadium (V)-Total	<0.10		0.10	mg/kg		17-NOV-11	R2289860
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	<2.0		2.0	mg/kg		21-NOV-11	R2290514
Calcium (Ca)-Total	65.2		2.0	mg/kg		21-NOV-11	R2290514
Chromium (Cr)-Total	<0.10		0.10	mg/kg		21-NOV-11	R2290514
Iron (Fe)-Total	2.0		1.0	mg/kg		21-NOV-11	R2290514
Phosphorus (P)-Total	2480		5.0	mg/kg		21-NOV-11	R2290514
Potassium (K)-Total	4010		20	mg/kg		21-NOV-11	R2290514
Sodium (Na)-Total	271		20	mg/kg		21-NOV-11	R2290514
Titanium (Ti)-Total	<0.10		0.10	mg/kg		21-NOV-11	R2290514
Zinc (Zn)-Total	3.38		0.10	mg/kg		21-NOV-11	R2290514
<b>Miscellaneous Parameters</b>							
% Moisture	76.3		0.10	%		01-DEC-11	R2296026
Mercury (Hg)-Total	0.305		0.0020	mg/kg	15-NOV-11	18-NOV-11	R2289591
Silver (Ag)-Total	<0.050		0.050	mg/kg		17-NOV-11	R2289860
L1072670-15 GK11ULKTR015 Sampled By: CLIENT on 12-JUL-11 @ 10:00 Matrix: FISH TISSUE							
<b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>							
<b>Metals in Tissue by ICPMS wet weight</b>							
Antimony (Sb)-Total	<0.010		0.010	mg/kg		17-NOV-11	R2289860
Arsenic (As)-Total	0.030		0.010	mg/kg		17-NOV-11	R2289860
Barium (Ba)-Total	<0.020		0.020	mg/kg		17-NOV-11	R2289860
Beryllium (Be)-Total	<0.10		0.10	mg/kg		17-NOV-11	R2289860
Bismuth (Bi)-Total	<0.060		0.060	mg/kg		17-NOV-11	R2289860
Cadmium (Cd)-Total	<0.0060		0.0060	mg/kg		17-NOV-11	R2289860
Cobalt (Co)-Total	<0.020		0.020	mg/kg		17-NOV-11	R2289860
Copper (Cu)-Total	0.312		0.040	mg/kg		17-NOV-11	R2289860
Lead (Pb)-Total	<0.020		0.020	mg/kg		17-NOV-11	R2289860
Lithium (Li)-Total	<0.10		0.10	mg/kg		17-NOV-11	R2289860
Magnesium (Mg)-Total	246		1.0	mg/kg		17-NOV-11	R2289860
Manganese (Mn)-Total	0.184		0.010	mg/kg		17-NOV-11	R2289860
Molybdenum (Mo)-Total	0.018		0.010	mg/kg		17-NOV-11	R2289860
Nickel (Ni)-Total	0.20		0.10	mg/kg		17-NOV-11	R2289860
Selenium (Se)-Total	0.31		0.20	mg/kg		17-NOV-11	R2289860
Strontium (Sr)-Total	0.272		0.010	mg/kg		17-NOV-11	R2289860
Thallium (Tl)-Total	<0.010		0.010	mg/kg		17-NOV-11	R2289860
Tin (Sn)-Total	<0.050		0.050	mg/kg		17-NOV-11	R2289860
Uranium (U)-Total	<0.0020		0.0020	mg/kg		17-NOV-11	R2289860
Vanadium (V)-Total	<0.10		0.10	mg/kg		17-NOV-11	R2289860
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	<2.0		2.0	mg/kg		21-NOV-11	R2290514
Calcium (Ca)-Total	176		2.0	mg/kg		21-NOV-11	R2290514

\* Refer to Referenced Information for Qualifiers (if any) and Methodology.

# ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-15	GK11ULKTR015							
Sampled By:	CLIENT	on 12-JUL-11 @ 10:00						
Matrix:	FISH TISSUE							
<b>Metals in Tissue by ICPOES wet weight</b>								
Chromium (Cr)-Total	0.25		0.10	mg/kg		21-NOV-11	R2290514	
Iron (Fe)-Total	4.4		1.0	mg/kg		21-NOV-11	R2290514	
Phosphorus (P)-Total	2360		5.0	mg/kg		21-NOV-11	R2290514	
Potassium (K)-Total	3990		20	mg/kg		21-NOV-11	R2290514	
Sodium (Na)-Total	395		20	mg/kg		21-NOV-11	R2290514	
Titanium (Ti)-Total	<0.10		0.10	mg/kg		21-NOV-11	R2290514	
Zinc (Zn)-Total	4.11		0.10	mg/kg		21-NOV-11	R2290514	
<b>Miscellaneous Parameters</b>								
% Moisture	79.1		0.10	%		01-DEC-11	R2296026	
Mercury (Hg)-Total	1.12	RRV	0.0020	mg/kg	15-NOV-11	18-NOV-11	R2289591	
Silver (Ag)-Total	<0.050		0.050	mg/kg		17-NOV-11	R2289860	
L1072670-16	GK11ULKTR016							
Sampled By:	CLIENT	on 12-JUL-11 @ 10:00						
Matrix:	FISH TISSUE							
<b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>								
<b>Metals in Tissue by ICPMS wet weight</b>								
Antimony (Sb)-Total	<0.010		0.010	mg/kg		17-NOV-11	R2289860	
Arsenic (As)-Total	0.029		0.010	mg/kg		17-NOV-11	R2289860	
Barium (Ba)-Total	<0.020		0.020	mg/kg		17-NOV-11	R2289860	
Beryllium (Be)-Total	<0.10		0.10	mg/kg		17-NOV-11	R2289860	
Bismuth (Bi)-Total	<0.060		0.060	mg/kg		17-NOV-11	R2289860	
Cadmium (Cd)-Total	<0.0060		0.0060	mg/kg		17-NOV-11	R2289860	
Cobalt (Co)-Total	<0.020		0.020	mg/kg		17-NOV-11	R2289860	
Copper (Cu)-Total	0.252		0.040	mg/kg		17-NOV-11	R2289860	
Lead (Pb)-Total	<0.020		0.020	mg/kg		17-NOV-11	R2289860	
Lithium (Li)-Total	<0.10		0.10	mg/kg		17-NOV-11	R2289860	
Magnesium (Mg)-Total	279		1.0	mg/kg		17-NOV-11	R2289860	
Manganese (Mn)-Total	0.130		0.010	mg/kg		17-NOV-11	R2289860	
Molybdenum (Mo)-Total	<0.010		0.010	mg/kg		17-NOV-11	R2289860	
Nickel (Ni)-Total	<0.10		0.10	mg/kg		17-NOV-11	R2289860	
Selenium (Se)-Total	0.24		0.20	mg/kg		17-NOV-11	R2289860	
Strontium (Sr)-Total	0.175		0.010	mg/kg		17-NOV-11	R2289860	
Thallium (Tl)-Total	0.010		0.010	mg/kg		17-NOV-11	R2289860	
Tin (Sn)-Total	<0.050		0.050	mg/kg		17-NOV-11	R2289860	
Uranium (U)-Total	<0.0020		0.0020	mg/kg		17-NOV-11	R2289860	
Vanadium (V)-Total	<0.10		0.10	mg/kg		17-NOV-11	R2289860	
<b>Metals in Tissue by ICPOES wet weight</b>								
Aluminum (Al)-Total	<2.0		2.0	mg/kg		21-NOV-11	R2290514	
Calcium (Ca)-Total	118		2.0	mg/kg		21-NOV-11	R2290514	
Chromium (Cr)-Total	<0.10		0.10	mg/kg		21-NOV-11	R2290514	
Iron (Fe)-Total	2.5		1.0	mg/kg		21-NOV-11	R2290514	
Phosphorus (P)-Total	2480		5.0	mg/kg		21-NOV-11	R2290514	
Potassium (K)-Total	4010		20	mg/kg		21-NOV-11	R2290514	
Sodium (Na)-Total	258		20	mg/kg		21-NOV-11	R2290514	
Titanium (Ti)-Total	<0.10		0.10	mg/kg		21-NOV-11	R2290514	
Zinc (Zn)-Total	5.04		0.10	mg/kg		21-NOV-11	R2290514	
<b>Miscellaneous Parameters</b>								
% Moisture	76.1		0.10	%		01-DEC-11	R2296026	
Mercury (Hg)-Total	0.363		0.0020	mg/kg	15-NOV-11	18-NOV-11	R2289591	
Silver (Ag)-Total	<0.050		0.050	mg/kg		17-NOV-11	R2289860	

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-17 GK11ULKTR017 Sampled By: CLIENT on 12-JUL-11 @ 10:00 Matrix: FISH TISSUE <b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b> <b>Metals in Tissue by ICPMS wet weight</b> Antimony (Sb)-Total <0.010 0.010 mg/kg 17-NOV-11 R2289860 Arsenic (As)-Total 0.022 0.010 mg/kg 17-NOV-11 R2289860 Barium (Ba)-Total <0.020 0.020 mg/kg 17-NOV-11 R2289860 Beryllium (Be)-Total <0.10 0.10 mg/kg 17-NOV-11 R2289860 Bismuth (Bi)-Total <0.060 0.060 mg/kg 17-NOV-11 R2289860 Cadmium (Cd)-Total <0.0060 0.0060 mg/kg 17-NOV-11 R2289860 Cobalt (Co)-Total <0.020 0.020 mg/kg 17-NOV-11 R2289860 Copper (Cu)-Total 0.264 0.040 mg/kg 17-NOV-11 R2289860 Lead (Pb)-Total <0.020 0.020 mg/kg 17-NOV-11 R2289860 Lithium (Li)-Total <0.10 0.10 mg/kg 17-NOV-11 R2289860 Magnesium (Mg)-Total 274 1.0 mg/kg 17-NOV-11 R2289860 Manganese (Mn)-Total 0.094 0.010 mg/kg 17-NOV-11 R2289860 Molybdenum (Mo)-Total <0.010 0.010 mg/kg 17-NOV-11 R2289860 Nickel (Ni)-Total <0.10 0.10 mg/kg 17-NOV-11 R2289860 Selenium (Se)-Total 0.27 0.20 mg/kg 17-NOV-11 R2289860 Strontium (Sr)-Total 0.068 0.010 mg/kg 17-NOV-11 R2289860 Thallium (Tl)-Total <0.010 0.010 mg/kg 17-NOV-11 R2289860 Tin (Sn)-Total <0.050 0.050 mg/kg 17-NOV-11 R2289860 Uranium (U)-Total <0.0020 0.0020 mg/kg 17-NOV-11 R2289860 Vanadium (V)-Total <0.10 0.10 mg/kg 17-NOV-11 R2289860 <b>Metals in Tissue by ICPOES wet weight</b> Aluminum (Al)-Total <2.0 2.0 mg/kg 21-NOV-11 R2290514 Calcium (Ca)-Total 51.8 2.0 mg/kg 21-NOV-11 R2290514 Chromium (Cr)-Total <0.10 0.10 mg/kg 21-NOV-11 R2290514 Iron (Fe)-Total 2.4 1.0 mg/kg 21-NOV-11 R2290514 Phosphorus (P)-Total 2370 5.0 mg/kg 21-NOV-11 R2290514 Potassium (K)-Total 3870 20 mg/kg 21-NOV-11 R2290514 Sodium (Na)-Total 190 20 mg/kg 21-NOV-11 R2290514 Titanium (Ti)-Total <0.10 0.10 mg/kg 21-NOV-11 R2290514 Zinc (Zn)-Total 3.25 0.10 mg/kg 21-NOV-11 R2290514 <b>Miscellaneous Parameters</b> % Moisture 76.0 0.10 % 01-DEC-11 R2296026 Mercury (Hg)-Total 0.404 0.0020 mg/kg 15-NOV-11 18-NOV-11 R2289591 Silver (Ag)-Total <0.050 0.050 mg/kg 17-NOV-11 R2289860							
L1072670-18 GK11ULKTR018 Sampled By: CLIENT on 12-JUL-11 @ 10:00 Matrix: FISH TISSUE <b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b> <b>Metals in Tissue by ICPMS wet weight</b> Antimony (Sb)-Total <0.010 0.010 mg/kg 17-NOV-11 R2289860 Arsenic (As)-Total 0.021 0.010 mg/kg 17-NOV-11 R2289860 Barium (Ba)-Total <0.020 0.020 mg/kg 17-NOV-11 R2289860 Beryllium (Be)-Total <0.10 0.10 mg/kg 17-NOV-11 R2289860 Bismuth (Bi)-Total <0.060 0.060 mg/kg 17-NOV-11 R2289860 Cadmium (Cd)-Total <0.0060 0.0060 mg/kg 17-NOV-11 R2289860 Cobalt (Co)-Total <0.020 0.020 mg/kg 17-NOV-11 R2289860 Copper (Cu)-Total 0.260 0.040 mg/kg 17-NOV-11 R2289860 Lead (Pb)-Total <0.020 0.020 mg/kg 17-NOV-11 R2289860 Lithium (Li)-Total <0.10 0.10 mg/kg 17-NOV-11 R2289860 Magnesium (Mg)-Total 300 1.0 mg/kg 17-NOV-11 R2289860							

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-18 GK11ULKTR018 Sampled By: CLIENT on 12-JUL-11 @ 10:00 Matrix: FISH TISSUE <b>Metals in Tissue by ICPMS wet weight</b> Manganese (Mn)-Total 0.133 0.010 mg/kg 17-NOV-11 R2289860 Molybdenum (Mo)-Total <0.010 0.010 mg/kg 17-NOV-11 R2289860 Nickel (Ni)-Total <0.10 0.10 mg/kg 17-NOV-11 R2289860 Selenium (Se)-Total 0.29 0.20 mg/kg 17-NOV-11 R2289860 Strontium (Sr)-Total 0.185 0.010 mg/kg 17-NOV-11 R2289860 Thallium (Tl)-Total <0.010 0.010 mg/kg 17-NOV-11 R2289860 Tin (Sn)-Total <0.050 0.050 mg/kg 17-NOV-11 R2289860 Uranium (U)-Total <0.0020 0.0020 mg/kg 17-NOV-11 R2289860 Vanadium (V)-Total <0.10 0.10 mg/kg 17-NOV-11 R2289860 <b>Metals in Tissue by ICPOES wet weight</b> Aluminum (Al)-Total <2.0 2.0 mg/kg 21-NOV-11 R2290514 Calcium (Ca)-Total 116 2.0 mg/kg 21-NOV-11 R2290514 Chromium (Cr)-Total <0.10 0.10 mg/kg 21-NOV-11 R2290514 Iron (Fe)-Total 2.6 1.0 mg/kg 21-NOV-11 R2290514 Phosphorus (P)-Total 2690 5.0 mg/kg 21-NOV-11 R2290514 Potassium (K)-Total 4390 20 mg/kg 21-NOV-11 R2290514 Sodium (Na)-Total 256 20 mg/kg 21-NOV-11 R2290514 Titanium (Ti)-Total <0.10 0.10 mg/kg 21-NOV-11 R2290514 Zinc (Zn)-Total 3.92 0.10 mg/kg 21-NOV-11 R2290514 <b>Miscellaneous Parameters</b> % Moisture 75.9 0.10 % 01-DEC-11 R2296026 Mercury (Hg)-Total 0.218 0.0020 mg/kg 15-NOV-11 18-NOV-11 R2289591 Silver (Ag)-Total <0.050 0.050 mg/kg 17-NOV-11 R2289860							
L1072670-19 GK11ULKTR019 Sampled By: CLIENT on 12-JUL-11 @ 10:00 Matrix: FISH TISSUE <b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b> <b>Metals in Tissue by ICPMS wet weight</b> Antimony (Sb)-Total <0.010 0.010 mg/kg 17-NOV-11 R2289860 Arsenic (As)-Total 0.019 0.010 mg/kg 17-NOV-11 R2289860 Barium (Ba)-Total <0.020 0.020 mg/kg 17-NOV-11 R2289860 Beryllium (Be)-Total <0.10 0.10 mg/kg 17-NOV-11 R2289860 Bismuth (Bi)-Total <0.060 0.060 mg/kg 17-NOV-11 R2289860 Cadmium (Cd)-Total <0.0060 0.0060 mg/kg 17-NOV-11 R2289860 Cobalt (Co)-Total <0.020 0.020 mg/kg 17-NOV-11 R2289860 Copper (Cu)-Total 0.225 0.040 mg/kg 17-NOV-11 R2289860 Lead (Pb)-Total <0.020 0.020 mg/kg 17-NOV-11 R2289860 Lithium (Li)-Total <0.10 0.10 mg/kg 17-NOV-11 R2289860 Magnesium (Mg)-Total 295 1.0 mg/kg 17-NOV-11 R2289860 Manganese (Mn)-Total 0.128 0.010 mg/kg 17-NOV-11 R2289860 Molybdenum (Mo)-Total <0.010 0.010 mg/kg 17-NOV-11 R2289860 Nickel (Ni)-Total <0.10 0.10 mg/kg 17-NOV-11 R2289860 Selenium (Se)-Total 0.29 0.20 mg/kg 17-NOV-11 R2289860 Strontium (Sr)-Total 0.275 0.010 mg/kg 17-NOV-11 R2289860 Thallium (Tl)-Total <0.010 0.010 mg/kg 17-NOV-11 R2289860 Tin (Sn)-Total <0.050 0.050 mg/kg 17-NOV-11 R2289860 Uranium (U)-Total <0.0020 0.0020 mg/kg 17-NOV-11 R2289860 Vanadium (V)-Total <0.10 0.10 mg/kg 17-NOV-11 R2289860 <b>Metals in Tissue by ICPOES wet weight</b> Aluminum (Al)-Total <2.0 2.0 mg/kg 21-NOV-11 R2290514 Calcium (Ca)-Total 162 2.0 mg/kg 21-NOV-11 R2290514							

\* Refer to Referenced Information for Qualifiers (if any) and Methodology.

# ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-19	GK11ULKTR019							
Sampled By:	CLIENT	on 12-JUL-11 @ 10:00						
Matrix:	FISH TISSUE							
<b>Metals in Tissue by ICPOES wet weight</b>								
Chromium (Cr)-Total		<0.10		0.10	mg/kg		21-NOV-11	R2290514
Iron (Fe)-Total		1.7		1.0	mg/kg		21-NOV-11	R2290514
Phosphorus (P)-Total		2550		5.0	mg/kg		21-NOV-11	R2290514
Potassium (K)-Total		4030		20	mg/kg		21-NOV-11	R2290514
Sodium (Na)-Total		275		20	mg/kg		21-NOV-11	R2290514
Titanium (Ti)-Total		<0.10		0.10	mg/kg		21-NOV-11	R2290514
Zinc (Zn)-Total		4.50		0.10	mg/kg		21-NOV-11	R2290514
<b>Miscellaneous Parameters</b>								
% Moisture		75.5		0.10	%		01-DEC-11	R2296026
Mercury (Hg)-Total		0.294		0.0020	mg/kg	15-NOV-11	18-NOV-11	R2289591
Silver (Ag)-Total		<0.050		0.050	mg/kg		17-NOV-11	R2289860
L1072670-20	GK11ULKTR020							
Sampled By:	CLIENT	on 12-JUL-11 @ 10:00						
Matrix:	FISH TISSUE							
<b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>								
<b>Metals in Tissue by ICPMS wet weight</b>								
Antimony (Sb)-Total		<0.010		0.010	mg/kg		17-NOV-11	R2289860
Arsenic (As)-Total		0.022		0.010	mg/kg		17-NOV-11	R2289860
Barium (Ba)-Total		<0.020		0.020	mg/kg		17-NOV-11	R2289860
Beryllium (Be)-Total		<0.10		0.10	mg/kg		17-NOV-11	R2289860
Bismuth (Bi)-Total		<0.060		0.060	mg/kg		17-NOV-11	R2289860
Cadmium (Cd)-Total		<0.0060		0.0060	mg/kg		17-NOV-11	R2289860
Cobalt (Co)-Total		<0.020		0.020	mg/kg		17-NOV-11	R2289860
Copper (Cu)-Total		0.265		0.040	mg/kg		17-NOV-11	R2289860
Lead (Pb)-Total		<0.020		0.020	mg/kg		17-NOV-11	R2289860
Lithium (Li)-Total		<0.10		0.10	mg/kg		17-NOV-11	R2289860
Magnesium (Mg)-Total		299		1.0	mg/kg		17-NOV-11	R2289860
Manganese (Mn)-Total		0.138		0.010	mg/kg		17-NOV-11	R2289860
Molybdenum (Mo)-Total		0.014		0.010	mg/kg		17-NOV-11	R2289860
Nickel (Ni)-Total		<0.10		0.10	mg/kg		17-NOV-11	R2289860
Selenium (Se)-Total		0.25		0.20	mg/kg		17-NOV-11	R2289860
Strontium (Sr)-Total		0.154		0.010	mg/kg		17-NOV-11	R2289860
Thallium (Tl)-Total		<0.010		0.010	mg/kg		17-NOV-11	R2289860
Tin (Sn)-Total		<0.050		0.050	mg/kg		17-NOV-11	R2289860
Uranium (U)-Total		<0.0020		0.0020	mg/kg		17-NOV-11	R2289860
Vanadium (V)-Total		<0.10		0.10	mg/kg		17-NOV-11	R2289860
<b>Metals in Tissue by ICPOES wet weight</b>								
Aluminum (Al)-Total		<2.0		2.0	mg/kg		21-NOV-11	R2290514
Calcium (Ca)-Total		107		2.0	mg/kg		21-NOV-11	R2290514
Chromium (Cr)-Total		<0.10		0.10	mg/kg		21-NOV-11	R2290514
Iron (Fe)-Total		2.3		1.0	mg/kg		21-NOV-11	R2290514
Phosphorus (P)-Total		2500		5.0	mg/kg		21-NOV-11	R2290514
Potassium (K)-Total		4130		20	mg/kg		21-NOV-11	R2290514
Sodium (Na)-Total		247		20	mg/kg		21-NOV-11	R2290514
Titanium (Ti)-Total		<0.10		0.10	mg/kg		21-NOV-11	R2290514
Zinc (Zn)-Total		3.48		0.10	mg/kg		21-NOV-11	R2290514
<b>Miscellaneous Parameters</b>								
% Moisture		75.8		0.10	%		01-DEC-11	R2296026
Mercury (Hg)-Total		0.288		0.0020	mg/kg	15-NOV-11	18-NOV-11	R2289591
Silver (Ag)-Total		<0.050		0.050	mg/kg		17-NOV-11	R2289860

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-21 BAG 1 LAB Sampled By: CLIENT on 12-JUL-11 @ 10:00 Matrix: FISH TISSUE <b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b> <b>Metals in Tissue by ICPMS wet weight</b> Antimony (Sb)-Total <0.010 0.010 mg/kg 17-NOV-11 R2289860 Arsenic (As)-Total 0.035 0.010 mg/kg 17-NOV-11 R2289860 Barium (Ba)-Total 7.87 0.020 mg/kg 17-NOV-11 R2289860 Beryllium (Be)-Total <0.10 0.10 mg/kg 17-NOV-11 R2289860 Bismuth (Bi)-Total <0.060 0.060 mg/kg 17-NOV-11 R2289860 Cadmium (Cd)-Total 0.0096 0.0060 mg/kg 17-NOV-11 R2289860 Cobalt (Co)-Total <0.020 0.020 mg/kg 17-NOV-11 R2289860 Copper (Cu)-Total 0.586 0.040 mg/kg 17-NOV-11 R2289860 Lead (Pb)-Total <0.020 0.020 mg/kg 17-NOV-11 R2289860 Lithium (Li)-Total <0.10 0.10 mg/kg 17-NOV-11 R2289860 Magnesium (Mg)-Total 362 1.0 mg/kg 17-NOV-11 R2289860 Manganese (Mn)-Total 7.64 0.010 mg/kg 17-NOV-11 R2289860 Molybdenum (Mo)-Total 0.028 0.010 mg/kg 17-NOV-11 R2289860 Nickel (Ni)-Total 0.30 0.10 mg/kg 17-NOV-11 R2289860 Selenium (Se)-Total 0.33 0.20 mg/kg 17-NOV-11 R2289860 Strontium (Sr)-Total 43.6 0.010 mg/kg 17-NOV-11 R2289860 Thallium (Tl)-Total <0.010 0.010 mg/kg 17-NOV-11 R2289860 Tin (Sn)-Total <0.050 0.050 mg/kg 17-NOV-11 R2289860 Uranium (U)-Total <0.0020 0.0020 mg/kg 17-NOV-11 R2289860 Vanadium (V)-Total <0.10 0.10 mg/kg 17-NOV-11 R2289860 <b>Metals in Tissue by ICPOES wet weight</b> Aluminum (Al)-Total <2.0 2.0 mg/kg 21-NOV-11 R2290514 Calcium (Ca)-Total 11200 2.0 mg/kg 21-NOV-11 R2290514 Chromium (Cr)-Total 0.18 0.10 mg/kg 21-NOV-11 R2290514 Iron (Fe)-Total 18.1 1.0 mg/kg 21-NOV-11 R2290514 Phosphorus (P)-Total 8560 5.0 mg/kg 23-NOV-11 R2293595 Potassium (K)-Total 2620 20 mg/kg 21-NOV-11 R2290514 Sodium (Na)-Total 932 20 mg/kg 21-NOV-11 R2290514 Titanium (Ti)-Total <0.10 0.10 mg/kg 21-NOV-11 R2290514 Zinc (Zn)-Total 39.2 0.10 mg/kg 21-NOV-11 R2290514 <b>Miscellaneous Parameters</b> % Moisture 74.9 0.10 % 01-DEC-11 R2296026 Mercury (Hg)-Total 0.100 0.0020 mg/kg 15-NOV-11 18-NOV-11 R2289591 Silver (Ag)-Total <0.050 0.050 mg/kg 17-NOV-11 R2289860							
L1072670-22 BAG 2 LAB Sampled By: CLIENT on 12-JUL-11 @ 10:00 Matrix: FISH TISSUE <b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b> <b>Metals in Tissue by ICPMS wet weight</b> Antimony (Sb)-Total <0.010 0.010 mg/kg 17-NOV-11 R2289860 Arsenic (As)-Total 0.039 0.010 mg/kg 17-NOV-11 R2289860 Barium (Ba)-Total 7.81 0.020 mg/kg 17-NOV-11 R2289860 Beryllium (Be)-Total <0.10 0.10 mg/kg 17-NOV-11 R2289860 Bismuth (Bi)-Total <0.060 0.060 mg/kg 17-NOV-11 R2289860 Cadmium (Cd)-Total 0.0173 0.0060 mg/kg 17-NOV-11 R2289860 Cobalt (Co)-Total 0.030 0.020 mg/kg 17-NOV-11 R2289860 Copper (Cu)-Total 0.714 0.040 mg/kg 17-NOV-11 R2289860 Lead (Pb)-Total <0.020 0.020 mg/kg 17-NOV-11 R2289860 Lithium (Li)-Total <0.10 0.10 mg/kg 17-NOV-11 R2289860 Magnesium (Mg)-Total 362 1.0 mg/kg 17-NOV-11 R2289860							

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-22 BAG 2 LAB							
Sampled By: CLIENT on 12-JUL-11 @ 10:00							
Matrix: FISH TISSUE							
<b>Metals in Tissue by ICPMS wet weight</b>							
Manganese (Mn)-Total	7.22	0.010	mg/kg		17-NOV-11	R2289860	
Molybdenum (Mo)-Total	0.042	0.010	mg/kg		17-NOV-11	R2289860	
Nickel (Ni)-Total	0.42	0.10	mg/kg		17-NOV-11	R2289860	
Selenium (Se)-Total	0.40	0.20	mg/kg		17-NOV-11	R2289860	
Strontium (Sr)-Total	42.4	0.010	mg/kg		17-NOV-11	R2289860	
Thallium (Tl)-Total	<0.010	0.010	mg/kg		17-NOV-11	R2289860	
Tin (Sn)-Total	<0.050	0.050	mg/kg		17-NOV-11	R2289860	
Uranium (U)-Total	0.0021	0.0020	mg/kg		17-NOV-11	R2289860	
Vanadium (V)-Total	<0.10	0.10	mg/kg		17-NOV-11	R2289860	
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	<2.0	2.0	mg/kg		21-NOV-11	R2290514	
Calcium (Ca)-Total	12000	2.0	mg/kg		21-NOV-11	R2290514	
Chromium (Cr)-Total	0.30	0.10	mg/kg		21-NOV-11	R2290514	
Iron (Fe)-Total	26.0	1.0	mg/kg		21-NOV-11	R2290514	
Phosphorus (P)-Total	7710	5.0	mg/kg		23-NOV-11	R2293595	
Potassium (K)-Total	2890	20	mg/kg		21-NOV-11	R2290514	
Sodium (Na)-Total	972	20	mg/kg		21-NOV-11	R2290514	
Titanium (Ti)-Total	<0.10	0.10	mg/kg		21-NOV-11	R2290514	
Zinc (Zn)-Total	50.0	0.10	mg/kg		21-NOV-11	R2290514	
<b>Miscellaneous Parameters</b>							
% Moisture	77.2	0.10	%		01-DEC-11	R2296026	
Mercury (Hg)-Total	0.149	0.0020	mg/kg	15-NOV-11	18-NOV-11	R2289591	
Silver (Ag)-Total	<0.050	0.050	mg/kg		17-NOV-11	R2289860	
L1072670-23 BAG 3 LAB							
Sampled By: CLIENT on 12-JUL-11 @ 10:00							
Matrix: FISH TISSUE							
<b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>							
<b>Metals in Tissue by ICPMS wet weight</b>							
Antimony (Sb)-Total	<0.010	0.010	mg/kg		17-NOV-11	R2289860	
Arsenic (As)-Total	0.028	0.010	mg/kg		17-NOV-11	R2289860	
Barium (Ba)-Total	7.36	0.020	mg/kg		17-NOV-11	R2289860	
Beryllium (Be)-Total	<0.10	0.10	mg/kg		17-NOV-11	R2289860	
Bismuth (Bi)-Total	<0.060	0.060	mg/kg		17-NOV-11	R2289860	
Cadmium (Cd)-Total	0.0088	0.0060	mg/kg		17-NOV-11	R2289860	
Cobalt (Co)-Total	<0.020	0.020	mg/kg		17-NOV-11	R2289860	
Copper (Cu)-Total	0.609	0.040	mg/kg		17-NOV-11	R2289860	
Lead (Pb)-Total	<0.020	0.020	mg/kg		17-NOV-11	R2289860	
Lithium (Li)-Total	<0.10	0.10	mg/kg		17-NOV-11	R2289860	
Magnesium (Mg)-Total	344	1.0	mg/kg		17-NOV-11	R2289860	
Manganese (Mn)-Total	6.21	0.010	mg/kg		17-NOV-11	R2289860	
Molybdenum (Mo)-Total	0.026	0.010	mg/kg		17-NOV-11	R2289860	
Nickel (Ni)-Total	0.25	0.10	mg/kg		17-NOV-11	R2289860	
Selenium (Se)-Total	0.28	0.20	mg/kg		17-NOV-11	R2289860	
Strontium (Sr)-Total	38.3	0.010	mg/kg		17-NOV-11	R2289860	
Thallium (Tl)-Total	<0.010	0.010	mg/kg		17-NOV-11	R2289860	
Tin (Sn)-Total	<0.050	0.050	mg/kg		17-NOV-11	R2289860	
Uranium (U)-Total	<0.0020	0.0020	mg/kg		17-NOV-11	R2289860	
Vanadium (V)-Total	<0.10	0.10	mg/kg		17-NOV-11	R2289860	
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	<2.0	2.0	mg/kg		21-NOV-11	R2290514	
Calcium (Ca)-Total	9500	2.0	mg/kg		21-NOV-11	R2290514	

\* Refer to Referenced Information for Qualifiers (if any) and Methodology.

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-23 BAG 3 LAB Sampled By: CLIENT on 12-JUL-11 @ 10:00 Matrix: FISH TISSUE <b>Metals in Tissue by ICPOES wet weight</b> Chromium (Cr)-Total 0.14 0.10 mg/kg 21-NOV-11 R2290514 Iron (Fe)-Total 17.4 1.0 mg/kg 21-NOV-11 R2290514 Phosphorus (P)-Total 6430 5.0 mg/kg 23-NOV-11 R2293595 Potassium (K)-Total 2860 20 mg/kg 21-NOV-11 R2290514 Sodium (Na)-Total 953 20 mg/kg 21-NOV-11 R2290514 Titanium (Ti)-Total <0.10 0.10 mg/kg 21-NOV-11 R2290514 Zinc (Zn)-Total 42.4 0.10 mg/kg 21-NOV-11 R2290514 <b>Miscellaneous Parameters</b> % Moisture 75.5 0.10 % 01-DEC-11 R2296026 Mercury (Hg)-Total 0.0705 0.0020 mg/kg 15-NOV-11 18-NOV-11 R2289591 Silver (Ag)-Total <0.050 0.050 mg/kg 17-NOV-11 R2289860							
L1072670-24 BAG 4 LAB Sampled By: CLIENT on 12-JUL-11 @ 10:00 Matrix: FISH TISSUE <b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b> <b>Metals in Tissue by ICPMS wet weight</b> Antimony (Sb)-Total <0.010 0.010 mg/kg 17-NOV-11 R2289860 Arsenic (As)-Total 0.031 0.010 mg/kg 17-NOV-11 R2289860 Barium (Ba)-Total 7.04 0.020 mg/kg 17-NOV-11 R2289860 Beryllium (Be)-Total <0.10 0.10 mg/kg 17-NOV-11 R2289860 Bismuth (Bi)-Total <0.060 0.060 mg/kg 17-NOV-11 R2289860 Cadmium (Cd)-Total 0.0095 0.0060 mg/kg 17-NOV-11 R2289860 Cobalt (Co)-Total <0.020 0.020 mg/kg 17-NOV-11 R2289860 Copper (Cu)-Total 0.616 0.040 mg/kg 17-NOV-11 R2289860 Lead (Pb)-Total <0.020 0.020 mg/kg 17-NOV-11 R2289860 Lithium (Li)-Total <0.10 0.10 mg/kg 17-NOV-11 R2289860 Magnesium (Mg)-Total 347 1.0 mg/kg 17-NOV-11 R2289860 Manganese (Mn)-Total 6.38 0.010 mg/kg 17-NOV-11 R2289860 Molybdenum (Mo)-Total 0.020 0.010 mg/kg 17-NOV-11 R2289860 Nickel (Ni)-Total 0.22 0.10 mg/kg 17-NOV-11 R2289860 Selenium (Se)-Total 0.30 0.20 mg/kg 17-NOV-11 R2289860 Strontium (Sr)-Total 38.2 0.010 mg/kg 17-NOV-11 R2289860 Thallium (Tl)-Total <0.010 0.010 mg/kg 17-NOV-11 R2289860 Tin (Sn)-Total <0.050 0.050 mg/kg 17-NOV-11 R2289860 Uranium (U)-Total <0.0020 0.0020 mg/kg 17-NOV-11 R2289860 Vanadium (V)-Total <0.10 0.10 mg/kg 17-NOV-11 R2289860 <b>Metals in Tissue by ICPOES wet weight</b> Aluminum (Al)-Total <2.0 2.0 mg/kg 21-NOV-11 R2290514 Calcium (Ca)-Total 8770 2.0 mg/kg 21-NOV-11 R2290514 Chromium (Cr)-Total <0.10 0.10 mg/kg 21-NOV-11 R2290514 Iron (Fe)-Total 14.6 1.0 mg/kg 21-NOV-11 R2290514 Phosphorus (P)-Total 5920 5.0 mg/kg 23-NOV-11 R2293595 Potassium (K)-Total 2620 20 mg/kg 21-NOV-11 R2290514 Sodium (Na)-Total 833 20 mg/kg 21-NOV-11 R2290514 Titanium (Ti)-Total <0.10 0.10 mg/kg 21-NOV-11 R2290514 Zinc (Zn)-Total 37.7 0.10 mg/kg 21-NOV-11 R2290514 <b>Miscellaneous Parameters</b> % Moisture 75.3 0.10 % 01-DEC-11 R2296026 Mercury (Hg)-Total 0.0497 0.0020 mg/kg 15-NOV-11 18-NOV-11 R2289591 Silver (Ag)-Total <0.050 0.050 mg/kg 17-NOV-11 R2289860							

\* Refer to Referenced Information for Qualifiers (if any) and Methodology.

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-25 BAG 5 LAB Sampled By: CLIENT on 12-JUL-11 @ 10:00 Matrix: FISH TISSUE <b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b> <b>Metals in Tissue by ICPMS wet weight</b> Antimony (Sb)-Total <0.010 0.010 mg/kg 17-NOV-11 R2289860 Arsenic (As)-Total 0.033 0.010 mg/kg 17-NOV-11 R2289860 Barium (Ba)-Total 6.46 0.020 mg/kg 17-NOV-11 R2289860 Beryllium (Be)-Total <0.10 0.10 mg/kg 17-NOV-11 R2289860 Bismuth (Bi)-Total <0.060 0.060 mg/kg 17-NOV-11 R2289860 Cadmium (Cd)-Total 0.0078 0.0060 mg/kg 17-NOV-11 R2289860 Cobalt (Co)-Total <0.020 0.020 mg/kg 17-NOV-11 R2289860 Copper (Cu)-Total 0.649 0.040 mg/kg 17-NOV-11 R2289860 Lead (Pb)-Total <0.020 0.020 mg/kg 17-NOV-11 R2289860 Lithium (Li)-Total <0.10 0.10 mg/kg 17-NOV-11 R2289860 Magnesium (Mg)-Total 379 1.0 mg/kg 17-NOV-11 R2289860 Manganese (Mn)-Total 5.22 0.010 mg/kg 17-NOV-11 R2289860 Molybdenum (Mo)-Total 0.023 0.010 mg/kg 17-NOV-11 R2289860 Nickel (Ni)-Total 0.22 0.10 mg/kg 17-NOV-11 R2289860 Selenium (Se)-Total 0.29 0.20 mg/kg 17-NOV-11 R2289860 Strontium (Sr)-Total 31.8 0.010 mg/kg 17-NOV-11 R2289860 Thallium (Tl)-Total <0.010 0.010 mg/kg 17-NOV-11 R2289860 Tin (Sn)-Total <0.050 0.050 mg/kg 17-NOV-11 R2289860 Uranium (U)-Total <0.0020 0.0020 mg/kg 17-NOV-11 R2289860 Vanadium (V)-Total <0.10 0.10 mg/kg 17-NOV-11 R2289860 <b>Metals in Tissue by ICPOES wet weight</b> Aluminum (Al)-Total <2.0 2.0 mg/kg 21-NOV-11 R2290514 Calcium (Ca)-Total 6950 2.0 mg/kg 21-NOV-11 R2290514 Chromium (Cr)-Total 0.13 0.10 mg/kg 21-NOV-11 R2290514 Iron (Fe)-Total 13.5 1.0 mg/kg 21-NOV-11 R2290514 Phosphorus (P)-Total 4970 5.0 mg/kg 21-NOV-11 R2290514 Potassium (K)-Total 2740 20 mg/kg 21-NOV-11 R2290514 Sodium (Na)-Total 835 20 mg/kg 21-NOV-11 R2290514 Titanium (Ti)-Total <0.10 0.10 mg/kg 21-NOV-11 R2290514 Zinc (Zn)-Total 35.5 0.10 mg/kg 21-NOV-11 R2290514 <b>Miscellaneous Parameters</b> % Moisture 75.4 0.10 % 01-DEC-11 R2296026 Mercury (Hg)-Total 0.0401 0.0020 mg/kg 15-NOV-11 18-NOV-11 R2289591 Silver (Ag)-Total <0.050 0.050 mg/kg 17-NOV-11 R2289860							
L1072670-26 BAG 6 LAB Sampled By: CLIENT on 12-JUL-11 @ 10:00 Matrix: FISH TISSUE <b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b> <b>Metals in Tissue by ICPMS wet weight</b> Antimony (Sb)-Total <0.010 0.010 mg/kg 17-NOV-11 R2289860 Arsenic (As)-Total 0.031 0.010 mg/kg 17-NOV-11 R2289860 Barium (Ba)-Total 5.56 0.020 mg/kg 17-NOV-11 R2289860 Beryllium (Be)-Total <0.10 0.10 mg/kg 17-NOV-11 R2289860 Bismuth (Bi)-Total <0.060 0.060 mg/kg 17-NOV-11 R2289860 Cadmium (Cd)-Total 0.0078 0.0060 mg/kg 17-NOV-11 R2289860 Cobalt (Co)-Total <0.020 0.020 mg/kg 17-NOV-11 R2289860 Copper (Cu)-Total 0.622 0.040 mg/kg 17-NOV-11 R2289860 Lead (Pb)-Total <0.020 0.020 mg/kg 17-NOV-11 R2289860 Lithium (Li)-Total <0.10 0.10 mg/kg 17-NOV-11 R2289860 Magnesium (Mg)-Total 370 1.0 mg/kg 17-NOV-11 R2289860							

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-26 BAG 6 LAB							
Sampled By: CLIENT on 12-JUL-11 @ 10:00							
Matrix: FISH TISSUE							
<b>Metals in Tissue by ICPMS wet weight</b>							
Manganese (Mn)-Total	5.41		0.010	mg/kg		17-NOV-11	R2289860
Molybdenum (Mo)-Total	0.026		0.010	mg/kg		17-NOV-11	R2289860
Nickel (Ni)-Total	0.25		0.10	mg/kg		17-NOV-11	R2289860
Selenium (Se)-Total	0.26		0.20	mg/kg		17-NOV-11	R2289860
Strontium (Sr)-Total	28.7		0.010	mg/kg		17-NOV-11	R2289860
Thallium (Tl)-Total	<0.010		0.010	mg/kg		17-NOV-11	R2289860
Tin (Sn)-Total	<0.050		0.050	mg/kg		17-NOV-11	R2289860
Uranium (U)-Total	<0.0020		0.0020	mg/kg		17-NOV-11	R2289860
Vanadium (V)-Total	<0.10		0.10	mg/kg		17-NOV-11	R2289860
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	<2.0		2.0	mg/kg		21-NOV-11	R2290514
Calcium (Ca)-Total	6980		2.0	mg/kg		21-NOV-11	R2290514
Chromium (Cr)-Total	0.16		0.10	mg/kg		21-NOV-11	R2290514
Iron (Fe)-Total	12.0		1.0	mg/kg		21-NOV-11	R2290514
Phosphorus (P)-Total	5140		5.0	mg/kg		21-NOV-11	R2290514
Potassium (K)-Total	2780		20	mg/kg		21-NOV-11	R2290514
Sodium (Na)-Total	722		20	mg/kg		21-NOV-11	R2290514
Titanium (Ti)-Total	<0.10		0.10	mg/kg		21-NOV-11	R2290514
Zinc (Zn)-Total	36.0		0.10	mg/kg		21-NOV-11	R2290514
<b>Miscellaneous Parameters</b>							
% Moisture	76.8		0.10	%		01-DEC-11	R2296026
Mercury (Hg)-Total	0.0353		0.0020	mg/kg	15-NOV-11	18-NOV-11	R2289591
Silver (Ag)-Total	<0.050		0.050	mg/kg		17-NOV-11	R2289860
L1072670-27 BAG 7 LAB							
Sampled By: CLIENT on 12-JUL-11 @ 10:00							
Matrix: FISH TISSUE							
<b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>							
<b>Metals in Tissue by ICPMS wet weight</b>							
Antimony (Sb)-Total	<0.010		0.010	mg/kg		17-NOV-11	R2289860
Arsenic (As)-Total	0.034		0.010	mg/kg		17-NOV-11	R2289860
Barium (Ba)-Total	5.01		0.020	mg/kg		17-NOV-11	R2289860
Beryllium (Be)-Total	<0.10		0.10	mg/kg		17-NOV-11	R2289860
Bismuth (Bi)-Total	<0.060		0.060	mg/kg		17-NOV-11	R2289860
Cadmium (Cd)-Total	0.0079		0.0060	mg/kg		17-NOV-11	R2289860
Cobalt (Co)-Total	<0.020		0.020	mg/kg		17-NOV-11	R2289860
Copper (Cu)-Total	0.552		0.040	mg/kg		17-NOV-11	R2289860
Lead (Pb)-Total	<0.020		0.020	mg/kg		17-NOV-11	R2289860
Lithium (Li)-Total	<0.10		0.10	mg/kg		17-NOV-11	R2289860
Magnesium (Mg)-Total	320		1.0	mg/kg		17-NOV-11	R2289860
Manganese (Mn)-Total	4.64		0.010	mg/kg		17-NOV-11	R2289860
Molybdenum (Mo)-Total	0.033		0.010	mg/kg		17-NOV-11	R2289860
Nickel (Ni)-Total	0.37		0.10	mg/kg		17-NOV-11	R2289860
Selenium (Se)-Total	0.26		0.20	mg/kg		17-NOV-11	R2289860
Strontium (Sr)-Total	27.4		0.010	mg/kg		17-NOV-11	R2289860
Thallium (Tl)-Total	<0.010		0.010	mg/kg		17-NOV-11	R2289860
Tin (Sn)-Total	<0.050		0.050	mg/kg		17-NOV-11	R2289860
Uranium (U)-Total	<0.0020		0.0020	mg/kg		17-NOV-11	R2289860
Vanadium (V)-Total	<0.10		0.10	mg/kg		17-NOV-11	R2289860
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	<2.0		2.0	mg/kg		21-NOV-11	R2290514
Calcium (Ca)-Total	7160		2.0	mg/kg		21-NOV-11	R2290514

\* Refer to Referenced Information for Qualifiers (if any) and Methodology.

# ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-27	BAG 7 LAB							
Sampled By:	CLIENT	on 12-JUL-11 @ 10:00						
Matrix:	FISH TISSUE							
<b>Metals in Tissue by ICPOES wet weight</b>								
Chromium (Cr)-Total	0.32		0.10	mg/kg		21-NOV-11	R2290514	
Iron (Fe)-Total	14.4		1.0	mg/kg		21-NOV-11	R2290514	
Phosphorus (P)-Total	5230		5.0	mg/kg		21-NOV-11	R2290514	
Potassium (K)-Total	2810		20	mg/kg		21-NOV-11	R2290514	
Sodium (Na)-Total	636		20	mg/kg		21-NOV-11	R2290514	
Titanium (Ti)-Total	<0.10		0.10	mg/kg		21-NOV-11	R2290514	
Zinc (Zn)-Total	38.9		0.10	mg/kg		21-NOV-11	R2290514	
<b>Miscellaneous Parameters</b>								
% Moisture	79.1		0.10	%		01-DEC-11	R2296026	
Mercury (Hg)-Total	0.0355		0.0020	mg/kg	15-NOV-11	18-NOV-11	R2289591	
Silver (Ag)-Total	<0.050		0.050	mg/kg		17-NOV-11	R2289860	
L1072670-28	BAG 8 LAB							
Sampled By:	CLIENT	on 12-JUL-11 @ 10:00						
Matrix:	FISH TISSUE							
<b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>								
<b>Metals in Tissue by ICPMS wet weight</b>								
Antimony (Sb)-Total	<0.010		0.010	mg/kg		17-NOV-11	R2289860	
Arsenic (As)-Total	0.039		0.010	mg/kg		17-NOV-11	R2289860	
Barium (Ba)-Total	6.08		0.020	mg/kg		17-NOV-11	R2289860	
Beryllium (Be)-Total	<0.10		0.10	mg/kg		17-NOV-11	R2289860	
Bismuth (Bi)-Total	<0.060		0.060	mg/kg		17-NOV-11	R2289860	
Cadmium (Cd)-Total	0.0098		0.0060	mg/kg		17-NOV-11	R2289860	
Cobalt (Co)-Total	<0.020		0.020	mg/kg		17-NOV-11	R2289860	
Copper (Cu)-Total	0.588		0.040	mg/kg		17-NOV-11	R2289860	
Lead (Pb)-Total	<0.020		0.020	mg/kg		17-NOV-11	R2289860	
Lithium (Li)-Total	<0.10		0.10	mg/kg		17-NOV-11	R2289860	
Magnesium (Mg)-Total	338		1.0	mg/kg		17-NOV-11	R2289860	
Manganese (Mn)-Total	7.07		0.010	mg/kg		17-NOV-11	R2289860	
Molybdenum (Mo)-Total	0.021		0.010	mg/kg		17-NOV-11	R2289860	
Nickel (Ni)-Total	0.19		0.10	mg/kg		17-NOV-11	R2289860	
Selenium (Se)-Total	0.36		0.20	mg/kg		17-NOV-11	R2289860	
Strontium (Sr)-Total	30.3		0.010	mg/kg		17-NOV-11	R2289860	
Thallium (Tl)-Total	<0.010		0.010	mg/kg		17-NOV-11	R2289860	
Tin (Sn)-Total	<0.050		0.050	mg/kg		17-NOV-11	R2289860	
Uranium (U)-Total	<0.0020		0.0020	mg/kg		17-NOV-11	R2289860	
Vanadium (V)-Total	<0.10		0.10	mg/kg		17-NOV-11	R2289860	
<b>Metals in Tissue by ICPOES wet weight</b>								
Aluminum (Al)-Total	<2.0		2.0	mg/kg		21-NOV-11	R2290514	
Calcium (Ca)-Total	8580		2.0	mg/kg		21-NOV-11	R2290514	
Chromium (Cr)-Total	<0.10		0.10	mg/kg		21-NOV-11	R2290514	
Iron (Fe)-Total	15.8		1.0	mg/kg		21-NOV-11	R2290514	
Phosphorus (P)-Total	5700		5.0	mg/kg		23-NOV-11	R2293595	
Potassium (K)-Total	2970		20	mg/kg		21-NOV-11	R2290514	
Sodium (Na)-Total	826		20	mg/kg		21-NOV-11	R2290514	
Titanium (Ti)-Total	<0.10		0.10	mg/kg		21-NOV-11	R2290514	
Zinc (Zn)-Total	39.6		0.10	mg/kg		21-NOV-11	R2290514	
<b>Miscellaneous Parameters</b>								
% Moisture	76.8		0.10	%		01-DEC-11	R2296026	
Mercury (Hg)-Total	0.0859		0.0020	mg/kg	15-NOV-11	18-NOV-11	R2289591	
Silver (Ag)-Total	<0.050		0.050	mg/kg		17-NOV-11	R2289860	

\* Refer to Referenced Information for Qualifiers (if any) and Methodology.

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-29 GK11ULKTR001 Sampled By: CLIENT on 11-JUL-11 @ 10:00 Matrix: FISH LIVER <b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b> <b>Metals in Tissue by ICPMS wet weight</b> Antimony (Sb)-Total <0.010 0.010 mg/kg 18-NOV-11 R2289860 Arsenic (As)-Total 0.023 0.010 mg/kg 18-NOV-11 R2289860 Barium (Ba)-Total <0.020 0.020 mg/kg 18-NOV-11 R2289860 Beryllium (Be)-Total <0.10 0.10 mg/kg 18-NOV-11 R2289860 Bismuth (Bi)-Total <0.060 0.060 mg/kg 18-NOV-11 R2289860 Cadmium (Cd)-Total 0.109 0.0060 mg/kg 18-NOV-11 R2289860 Cobalt (Co)-Total 0.160 0.020 mg/kg 18-NOV-11 R2289860 Copper (Cu)-Total 15.2 0.040 mg/kg 18-NOV-11 R2289860 Lead (Pb)-Total <0.020 0.020 mg/kg 18-NOV-11 R2289860 Lithium (Li)-Total <0.10 0.10 mg/kg 18-NOV-11 R2289860 Magnesium (Mg)-Total 202 1.0 mg/kg 18-NOV-11 R2289860 Manganese (Mn)-Total 2.10 0.010 mg/kg 18-NOV-11 R2289860 Molybdenum (Mo)-Total 0.103 0.010 mg/kg 18-NOV-11 R2289860 Nickel (Ni)-Total <0.10 0.10 mg/kg 18-NOV-11 R2289860 Selenium (Se)-Total 1.37 0.20 mg/kg 18-NOV-11 R2289860 Strontium (Sr)-Total 0.174 0.010 mg/kg 18-NOV-11 R2289860 Thallium (Tl)-Total 0.051 0.010 mg/kg 18-NOV-11 R2289860 Tin (Sn)-Total <0.050 0.050 mg/kg 18-NOV-11 R2289860 Uranium (U)-Total <0.0020 0.0020 mg/kg 18-NOV-11 R2289860 Vanadium (V)-Total <0.10 0.10 mg/kg 18-NOV-11 R2289860 <b>Metals in Tissue by ICPOES wet weight</b> Aluminum (Al)-Total <2.0 2.0 mg/kg 21-NOV-11 R2290514 Calcium (Ca)-Total 81.3 2.0 mg/kg 23-NOV-11 R2293595 Chromium (Cr)-Total <0.10 0.10 mg/kg 21-NOV-11 R2290514 Iron (Fe)-Total 373 1.0 mg/kg 21-NOV-11 R2290514 Phosphorus (P)-Total 3760 5.0 mg/kg 21-NOV-11 R2290514 Potassium (K)-Total 3550 20 mg/kg 21-NOV-11 R2290514 Sodium (Na)-Total 894 20 mg/kg 21-NOV-11 R2290514 Titanium (Ti)-Total <0.10 0.10 mg/kg 21-NOV-11 R2290514 Zinc (Zn)-Total 36.5 0.10 mg/kg 21-NOV-11 R2290514 <b>Miscellaneous Parameters</b> % Moisture 74.3 0.10 % 01-DEC-11 R2296026 Mercury (Hg)-Total 1.05 0.0020 mg/kg 15-NOV-11 18-NOV-11 R2289591 Silver (Ag)-Total 0.079 0.050 mg/kg 18-NOV-11 R2289860							
L1072670-30 GK11ULKTR002 Sampled By: CLIENT on 11-JUL-11 @ 10:00 Matrix: FISH LIVER <b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b> <b>Metals in Tissue by ICPMS wet weight</b> Antimony (Sb)-Total <0.010 0.010 mg/kg 18-NOV-11 R2289860 Arsenic (As)-Total 0.025 0.010 mg/kg 18-NOV-11 R2289860 Barium (Ba)-Total <0.020 0.020 mg/kg 18-NOV-11 R2289860 Beryllium (Be)-Total <0.10 0.10 mg/kg 18-NOV-11 R2289860 Bismuth (Bi)-Total <0.060 0.060 mg/kg 18-NOV-11 R2289860 Cadmium (Cd)-Total 0.103 0.0060 mg/kg 18-NOV-11 R2289860 Cobalt (Co)-Total 0.178 0.020 mg/kg 18-NOV-11 R2289860 Copper (Cu)-Total 12.0 0.040 mg/kg 18-NOV-11 R2289860 Lead (Pb)-Total <0.020 0.020 mg/kg 18-NOV-11 R2289860 Lithium (Li)-Total <0.10 0.10 mg/kg 18-NOV-11 R2289860 Magnesium (Mg)-Total 178 1.0 mg/kg 18-NOV-11 R2289860							

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-30 GK11ULKTR002 Sampled By: CLIENT on 11-JUL-11 @ 10:00 Matrix: FISH LIVER							
<b>Metals in Tissue by ICPMS wet weight</b>							
Manganese (Mn)-Total	1.92	0.010	mg/kg		18-NOV-11	R2289860	
Molybdenum (Mo)-Total	0.182	0.010	mg/kg		18-NOV-11	R2289860	
Nickel (Ni)-Total	<0.10	0.10	mg/kg		18-NOV-11	R2289860	
Selenium (Se)-Total	1.93	0.20	mg/kg		18-NOV-11	R2289860	
Strontium (Sr)-Total	0.134	0.010	mg/kg		18-NOV-11	R2289860	
Thallium (Tl)-Total	0.031	0.010	mg/kg		18-NOV-11	R2289860	
Tin (Sn)-Total	<0.050	0.050	mg/kg		18-NOV-11	R2289860	
Uranium (U)-Total	<0.0020	0.0020	mg/kg		18-NOV-11	R2289860	
Vanadium (V)-Total	<0.10	0.10	mg/kg		18-NOV-11	R2289860	
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	<2.0	2.0	mg/kg		21-NOV-11	R2290514	
Calcium (Ca)-Total	47.1	2.0	mg/kg		21-NOV-11	R2290514	
Chromium (Cr)-Total	<0.10	0.10	mg/kg		21-NOV-11	R2290514	
Iron (Fe)-Total	301	1.0	mg/kg		21-NOV-11	R2290514	
Phosphorus (P)-Total	3350	5.0	mg/kg		21-NOV-11	R2290514	
Potassium (K)-Total	3220	20	mg/kg		21-NOV-11	R2290514	
Sodium (Na)-Total	1090	20	mg/kg		21-NOV-11	R2290514	
Titanium (Ti)-Total	<0.10	0.10	mg/kg		21-NOV-11	R2290514	
Zinc (Zn)-Total	30.8	0.10	mg/kg		21-NOV-11	R2290514	
<b>Miscellaneous Parameters</b>							
% Moisture	73.9	0.10	%		01-DEC-11	R2296026	
Mercury (Hg)-Total	0.425	0.0020	mg/kg	15-NOV-11	18-NOV-11	R2289591	
Silver (Ag)-Total	<0.050	0.050	mg/kg		18-NOV-11	R2289860	
L1072670-31 GK11ULKTR003 Sampled By: CLIENT on 11-JUL-11 @ 10:00 Matrix: FISH LIVER							
<b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>							
<b>Metals in Tissue by ICPMS wet weight</b>							
Antimony (Sb)-Total	<0.010	0.010	mg/kg		18-NOV-11	R2289860	
Arsenic (As)-Total	0.026	0.010	mg/kg		18-NOV-11	R2289860	
Barium (Ba)-Total	<0.020	0.020	mg/kg		18-NOV-11	R2289860	
Beryllium (Be)-Total	<0.10	0.10	mg/kg		18-NOV-11	R2289860	
Bismuth (Bi)-Total	<0.060	0.060	mg/kg		18-NOV-11	R2289860	
Cadmium (Cd)-Total	0.163	0.0060	mg/kg		18-NOV-11	R2289860	
Cobalt (Co)-Total	0.119	0.020	mg/kg		18-NOV-11	R2289860	
Copper (Cu)-Total	18.3	0.040	mg/kg		18-NOV-11	R2289860	
Lead (Pb)-Total	<0.020	0.020	mg/kg		18-NOV-11	R2289860	
Lithium (Li)-Total	<0.10	0.10	mg/kg		18-NOV-11	R2289860	
Magnesium (Mg)-Total	175	1.0	mg/kg		18-NOV-11	R2289860	
Manganese (Mn)-Total	1.58	0.010	mg/kg		18-NOV-11	R2289860	
Molybdenum (Mo)-Total	0.184	0.010	mg/kg		18-NOV-11	R2289860	
Nickel (Ni)-Total	<0.10	0.10	mg/kg		18-NOV-11	R2289860	
Selenium (Se)-Total	2.30	0.20	mg/kg		18-NOV-11	R2289860	
Strontium (Sr)-Total	0.097	0.010	mg/kg		18-NOV-11	R2289860	
Thallium (Tl)-Total	0.054	0.010	mg/kg		18-NOV-11	R2289860	
Tin (Sn)-Total	<0.050	0.050	mg/kg		18-NOV-11	R2289860	
Uranium (U)-Total	<0.0020	0.0020	mg/kg		18-NOV-11	R2289860	
Vanadium (V)-Total	<0.10	0.10	mg/kg		18-NOV-11	R2289860	
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	<2.0	2.0	mg/kg		21-NOV-11	R2290514	
Calcium (Ca)-Total	49.8	2.0	mg/kg		21-NOV-11	R2290514	

\* Refer to Referenced Information for Qualifiers (if any) and Methodology.

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-31 GK11ULKTR003 Sampled By: CLIENT on 11-JUL-11 @ 10:00 Matrix: FISH LIVER <b>Metals in Tissue by ICPOES wet weight</b> Chromium (Cr)-Total Iron (Fe)-Total Phosphorus (P)-Total Potassium (K)-Total Sodium (Na)-Total Titanium (Ti)-Total Zinc (Zn)-Total <b>Miscellaneous Parameters</b> % Moisture Mercury (Hg)-Total Silver (Ag)-Total	<0.10 591 3450 3500 915 <0.10 31.6 73.3 0.330 0.071		0.10 1.0 5.0 20 20 0.10 0.10 0.10 0.0020 0.050	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg % mg/kg mg/kg		21-NOV-11 21-NOV-11 21-NOV-11 21-NOV-11 21-NOV-11 21-NOV-11 21-NOV-11 01-DEC-11 18-NOV-11 18-NOV-11	R2290514 R2290514 R2290514 R2290514 R2290514 R2290514 R2290514 R2296026 R2289591 R2289860
L1072670-32 GK11ULKTR004 Sampled By: CLIENT on 11-JUL-11 @ 10:00 Matrix: FISH LIVER <b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b> <b>Metals in Tissue by ICPMS wet weight</b> Antimony (Sb)-Total Arsenic (As)-Total Barium (Ba)-Total Beryllium (Be)-Total Bismuth (Bi)-Total Cadmium (Cd)-Total Cobalt (Co)-Total Copper (Cu)-Total Lead (Pb)-Total Lithium (Li)-Total Magnesium (Mg)-Total Manganese (Mn)-Total Molybdenum (Mo)-Total Nickel (Ni)-Total Selenium (Se)-Total Strontium (Sr)-Total Thallium (Tl)-Total Tin (Sn)-Total Uranium (U)-Total Vanadium (V)-Total <b>Metals in Tissue by ICPOES wet weight</b> Aluminum (Al)-Total Calcium (Ca)-Total Chromium (Cr)-Total Iron (Fe)-Total Phosphorus (P)-Total Potassium (K)-Total Sodium (Na)-Total Titanium (Ti)-Total Zinc (Zn)-Total <b>Miscellaneous Parameters</b> % Moisture Mercury (Hg)-Total Silver (Ag)-Total	<0.010 0.026 <0.020 <0.10 <0.060 0.188 0.299 24.8 <0.020 <0.10 193 1.80 0.183 0.11 2.55 0.153 0.055 <0.050 <0.0020 <0.10 <2.0 64.6 <0.10 667 3660 3350 999 <0.10 36.8 75.0 1.67 0.083		0.010 0.010 0.020 0.10 0.060 0.0060 0.020 0.040 0.020 0.10 1.0 0.010 0.010 0.10 0.20 0.010 0.010 0.050 0.0020 0.10 2.0 2.0 0.10 1.0 5.0 20 20 0.10 0.10 0.10 0.10 0.0020 0.050	mg/kg %		18-NOV-11 01-DEC-11 18-NOV-11 18-NOV-11	R2289860 R2289860

\* Refer to Referenced Information for Qualifiers (if any) and Methodology.

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-33 GK11ULKTR005 Sampled By: CLIENT on 11-JUL-11 @ 10:00 Matrix: FISH LIVER <b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b> <b>Metals in Tissue by ICPMS wet weight</b> Antimony (Sb)-Total <0.010 0.010 mg/kg 18-NOV-11 R2289860 Arsenic (As)-Total 0.019 0.010 mg/kg 18-NOV-11 R2289860 Barium (Ba)-Total <0.020 0.020 mg/kg 18-NOV-11 R2289860 Beryllium (Be)-Total <0.10 0.10 mg/kg 18-NOV-11 R2289860 Bismuth (Bi)-Total <0.060 0.060 mg/kg 18-NOV-11 R2289860 Cadmium (Cd)-Total 0.167 0.0060 mg/kg 18-NOV-11 R2289860 Cobalt (Co)-Total 0.170 0.020 mg/kg 18-NOV-11 R2289860 Copper (Cu)-Total 16.6 0.040 mg/kg 18-NOV-11 R2289860 Lead (Pb)-Total <0.020 0.020 mg/kg 18-NOV-11 R2289860 Lithium (Li)-Total <0.10 0.10 mg/kg 18-NOV-11 R2289860 Magnesium (Mg)-Total 165 1.0 mg/kg 18-NOV-11 R2289860 Manganese (Mn)-Total 1.23 0.010 mg/kg 18-NOV-11 R2289860 Molybdenum (Mo)-Total 0.160 0.010 mg/kg 18-NOV-11 R2289860 Nickel (Ni)-Total <0.10 0.10 mg/kg 18-NOV-11 R2289860 Selenium (Se)-Total 1.43 0.20 mg/kg 18-NOV-11 R2289860 Strontium (Sr)-Total 0.153 0.010 mg/kg 18-NOV-11 R2289860 Thallium (Tl)-Total 0.023 0.010 mg/kg 18-NOV-11 R2289860 Tin (Sn)-Total <0.050 0.050 mg/kg 18-NOV-11 R2289860 Uranium (U)-Total <0.0020 0.0020 mg/kg 18-NOV-11 R2289860 Vanadium (V)-Total <0.10 0.10 mg/kg 18-NOV-11 R2289860 <b>Metals in Tissue by ICPOES wet weight</b> Aluminum (Al)-Total <2.0 2.0 mg/kg 21-NOV-11 R2290514 Calcium (Ca)-Total 69.9 2.0 mg/kg 21-NOV-11 R2290514 Chromium (Cr)-Total <0.10 0.10 mg/kg 21-NOV-11 R2290514 Iron (Fe)-Total 575 1.0 mg/kg 21-NOV-11 R2290514 Phosphorus (P)-Total 3030 5.0 mg/kg 21-NOV-11 R2290514 Potassium (K)-Total 2580 20 mg/kg 21-NOV-11 R2290514 Sodium (Na)-Total 1210 20 mg/kg 21-NOV-11 R2290514 Titanium (Ti)-Total <0.10 0.10 mg/kg 21-NOV-11 R2290514 Zinc (Zn)-Total 36.1 0.10 mg/kg 21-NOV-11 R2290514 <b>Miscellaneous Parameters</b> % Moisture 76.6 0.10 % 01-DEC-11 R2296026 Mercury (Hg)-Total 1.30 0.0020 mg/kg 15-NOV-11 18-NOV-11 R2289591 Silver (Ag)-Total 0.081 0.050 mg/kg 18-NOV-11 R2289860							
L1072670-34 GK11ULKTR006 Sampled By: CLIENT on 11-JUL-11 @ 10:00 Matrix: FISH LIVER <b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b> <b>Metals in Tissue by ICPMS wet weight</b> Antimony (Sb)-Total <0.010 0.010 mg/kg 18-NOV-11 R2289860 Arsenic (As)-Total 0.021 0.010 mg/kg 18-NOV-11 R2289860 Barium (Ba)-Total <0.020 0.020 mg/kg 18-NOV-11 R2289860 Beryllium (Be)-Total <0.10 0.10 mg/kg 18-NOV-11 R2289860 Bismuth (Bi)-Total <0.060 0.060 mg/kg 18-NOV-11 R2289860 Cadmium (Cd)-Total 0.123 0.0060 mg/kg 18-NOV-11 R2289860 Cobalt (Co)-Total 0.147 0.020 mg/kg 18-NOV-11 R2289860 Copper (Cu)-Total 14.1 0.040 mg/kg 18-NOV-11 R2289860 Lead (Pb)-Total <0.020 0.020 mg/kg 18-NOV-11 R2289860 Lithium (Li)-Total <0.10 0.10 mg/kg 18-NOV-11 R2289860 Magnesium (Mg)-Total 156 1.0 mg/kg 18-NOV-11 R2289860							

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-34 GK11ULKTR006 Sampled By: CLIENT on 11-JUL-11 @ 10:00 Matrix: FISH LIVER							
<b>Metals in Tissue by ICPMS wet weight</b>							
Manganese (Mn)-Total	1.45	0.010	mg/kg		18-NOV-11	R2289860	
Molybdenum (Mo)-Total	0.144	0.010	mg/kg		18-NOV-11	R2289860	
Nickel (Ni)-Total	<0.10	0.10	mg/kg		18-NOV-11	R2289860	
Selenium (Se)-Total	1.53	0.20	mg/kg		18-NOV-11	R2289860	
Strontium (Sr)-Total	0.146	0.010	mg/kg		18-NOV-11	R2289860	
Thallium (Tl)-Total	0.035	0.010	mg/kg		18-NOV-11	R2289860	
Tin (Sn)-Total	<0.050	0.050	mg/kg		18-NOV-11	R2289860	
Uranium (U)-Total	<0.0020	0.0020	mg/kg		18-NOV-11	R2289860	
Vanadium (V)-Total	<0.10	0.10	mg/kg		18-NOV-11	R2289860	
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	<2.0	2.0	mg/kg		21-NOV-11	R2290514	
Calcium (Ca)-Total	49.5	2.0	mg/kg		21-NOV-11	R2290514	
Chromium (Cr)-Total	<0.10	0.10	mg/kg		21-NOV-11	R2290514	
Iron (Fe)-Total	390	1.0	mg/kg		21-NOV-11	R2290514	
Phosphorus (P)-Total	3040	5.0	mg/kg		21-NOV-11	R2290514	
Potassium (K)-Total	2900	20	mg/kg		21-NOV-11	R2290514	
Sodium (Na)-Total	1300	20	mg/kg		21-NOV-11	R2290514	
Titanium (Ti)-Total	<0.10	0.10	mg/kg		21-NOV-11	R2290514	
Zinc (Zn)-Total	31.6	0.10	mg/kg		21-NOV-11	R2290514	
<b>Miscellaneous Parameters</b>							
% Moisture	78.5	0.10	%		01-DEC-11	R2296026	
Mercury (Hg)-Total	0.390	0.0020	mg/kg	15-NOV-11	18-NOV-11	R2289591	
Silver (Ag)-Total	0.075	0.050	mg/kg		18-NOV-11	R2289860	
L1072670-35 GK11ULKTR007 Sampled By: CLIENT on 11-JUL-11 @ 10:00 Matrix: FISH LIVER							
<b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>							
<b>Metals in Tissue by ICPMS wet weight</b>							
Antimony (Sb)-Total	<0.010	0.010	mg/kg		18-NOV-11	R2289860	
Arsenic (As)-Total	0.031	0.010	mg/kg		18-NOV-11	R2289860	
Barium (Ba)-Total	<0.020	0.020	mg/kg		18-NOV-11	R2289860	
Beryllium (Be)-Total	<0.10	0.10	mg/kg		18-NOV-11	R2289860	
Bismuth (Bi)-Total	<0.060	0.060	mg/kg		18-NOV-11	R2289860	
Cadmium (Cd)-Total	0.160	0.0060	mg/kg		18-NOV-11	R2289860	
Cobalt (Co)-Total	0.303	0.020	mg/kg		18-NOV-11	R2289860	
Copper (Cu)-Total	12.6	0.040	mg/kg		18-NOV-11	R2289860	
Lead (Pb)-Total	<0.020	0.020	mg/kg		18-NOV-11	R2289860	
Lithium (Li)-Total	<0.10	0.10	mg/kg		18-NOV-11	R2289860	
Magnesium (Mg)-Total	176	1.0	mg/kg		18-NOV-11	R2289860	
Manganese (Mn)-Total	1.89	0.010	mg/kg		18-NOV-11	R2289860	
Molybdenum (Mo)-Total	0.125	0.010	mg/kg		18-NOV-11	R2289860	
Nickel (Ni)-Total	<0.10	0.10	mg/kg		18-NOV-11	R2289860	
Selenium (Se)-Total	1.40	0.20	mg/kg		18-NOV-11	R2289860	
Strontium (Sr)-Total	0.119	0.010	mg/kg		18-NOV-11	R2289860	
Thallium (Tl)-Total	0.056	0.010	mg/kg		18-NOV-11	R2289860	
Tin (Sn)-Total	<0.050	0.050	mg/kg		18-NOV-11	R2289860	
Uranium (U)-Total	<0.0020	0.0020	mg/kg		18-NOV-11	R2289860	
Vanadium (V)-Total	<0.10	0.10	mg/kg		18-NOV-11	R2289860	
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	<2.0	2.0	mg/kg		21-NOV-11	R2290514	
Calcium (Ca)-Total	82.9	2.0	mg/kg		21-NOV-11	R2290514	

\* Refer to Referenced Information for Qualifiers (if any) and Methodology.

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-35 GK11ULKTR007 Sampled By: CLIENT on 11-JUL-11 @ 10:00 Matrix: FISH LIVER <b>Metals in Tissue by ICPOES wet weight</b> Chromium (Cr)-Total <0.10 0.10 mg/kg 21-NOV-11 R2290514 Iron (Fe)-Total 442 1.0 mg/kg 21-NOV-11 R2290514 Phosphorus (P)-Total 3380 5.0 mg/kg 21-NOV-11 R2290514 Potassium (K)-Total 3080 20 mg/kg 21-NOV-11 R2290514 Sodium (Na)-Total 1050 20 mg/kg 21-NOV-11 R2290514 Titanium (Ti)-Total <0.10 0.10 mg/kg 21-NOV-11 R2290514 Zinc (Zn)-Total 31.8 0.10 mg/kg 21-NOV-11 R2290514 <b>Miscellaneous Parameters</b> % Moisture 76.0 0.10 % 01-DEC-11 R2296026 Mercury (Hg)-Total 1.47 0.0020 mg/kg 15-NOV-11 18-NOV-11 R2289591 Silver (Ag)-Total 0.065 0.050 mg/kg 18-NOV-11 R2289860							
L1072670-36 GK11ULKTR008 Sampled By: CLIENT on 11-JUL-11 @ 10:00 Matrix: FISH LIVER <b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b> <b>Metals in Tissue by ICPMS wet weight</b> Antimony (Sb)-Total <0.010 0.010 mg/kg 24-NOV-11 R2292752 Arsenic (As)-Total 0.026 0.010 mg/kg 24-NOV-11 R2292752 Barium (Ba)-Total <0.020 0.020 mg/kg 24-NOV-11 R2292752 Beryllium (Be)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292752 Bismuth (Bi)-Total <0.060 0.060 mg/kg 24-NOV-11 R2292752 Cadmium (Cd)-Total 0.185 0.0060 mg/kg 24-NOV-11 R2292752 Cobalt (Co)-Total 0.134 0.020 mg/kg 24-NOV-11 R2292752 Copper (Cu)-Total 7.64 0.040 mg/kg 24-NOV-11 R2292752 Lead (Pb)-Total <0.020 0.020 mg/kg 24-NOV-11 R2292752 Lithium (Li)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292752 Magnesium (Mg)-Total 165 1.0 mg/kg 24-NOV-11 R2292752 Manganese (Mn)-Total 1.46 0.010 mg/kg 24-NOV-11 R2292752 Molybdenum (Mo)-Total 0.192 0.010 mg/kg 24-NOV-11 R2292752 Nickel (Ni)-Total 0.11 0.10 mg/kg 24-NOV-11 R2292752 Selenium (Se)-Total 1.43 0.20 mg/kg 24-NOV-11 R2292752 Strontium (Sr)-Total 0.215 0.010 mg/kg 24-NOV-11 R2292752 Thallium (Tl)-Total 0.037 0.010 mg/kg 24-NOV-11 R2292752 Tin (Sn)-Total <0.050 0.050 mg/kg 24-NOV-11 R2292752 Uranium (U)-Total <0.0020 0.0020 mg/kg 24-NOV-11 R2292752 Vanadium (V)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292752 <b>Metals in Tissue by ICPOES wet weight</b> Aluminum (Al)-Total <2.0 2.0 mg/kg 23-NOV-11 R2293595 Calcium (Ca)-Total 97.4 2.0 mg/kg 23-NOV-11 R2293595 Chromium (Cr)-Total <0.10 0.10 mg/kg 23-NOV-11 R2293595 Iron (Fe)-Total 520 1.0 mg/kg 23-NOV-11 R2293595 Phosphorus (P)-Total 2800 5.0 mg/kg 23-NOV-11 R2293595 Potassium (K)-Total 2830 20 mg/kg 23-NOV-11 R2293595 Sodium (Na)-Total 1290 20 mg/kg 23-NOV-11 R2293595 Titanium (Ti)-Total <0.10 0.10 mg/kg 23-NOV-11 R2293595 Zinc (Zn)-Total 26.4 0.10 mg/kg 23-NOV-11 R2293595 <b>Miscellaneous Parameters</b> % Moisture 77.1 0.10 % 01-DEC-11 R2296026 Mercury (Hg)-Total 1.16 0.0020 mg/kg 17-NOV-11 25-NOV-11 R2293324 Silver (Ag)-Total <0.050 0.050 mg/kg 24-NOV-11 R2292752							

\* Refer to Referenced Information for Qualifiers (if any) and Methodology.

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-37 GK11ULKTR009 Sampled By: CLIENT on 11-JUL-11 @ 10:00 Matrix: FISH LIVER <b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b> <b>Metals in Tissue by ICPMS wet weight</b> Antimony (Sb)-Total <0.010 0.010 mg/kg 24-NOV-11 R2292752 Arsenic (As)-Total 0.030 0.010 mg/kg 24-NOV-11 R2292752 Barium (Ba)-Total <0.020 0.020 mg/kg 24-NOV-11 R2292752 Beryllium (Be)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292752 Bismuth (Bi)-Total <0.060 0.060 mg/kg 24-NOV-11 R2292752 Cadmium (Cd)-Total 0.0933 0.0060 mg/kg 24-NOV-11 R2292752 Cobalt (Co)-Total 0.107 0.020 mg/kg 24-NOV-11 R2292752 Copper (Cu)-Total 17.3 0.040 mg/kg 24-NOV-11 R2292752 Lead (Pb)-Total <0.020 0.020 mg/kg 24-NOV-11 R2292752 Lithium (Li)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292752 Magnesium (Mg)-Total 167 1.0 mg/kg 24-NOV-11 R2292752 Manganese (Mn)-Total 2.22 0.010 mg/kg 24-NOV-11 R2292752 Molybdenum (Mo)-Total 0.137 0.010 mg/kg 24-NOV-11 R2292752 Nickel (Ni)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292752 Selenium (Se)-Total 1.46 0.20 mg/kg 24-NOV-11 R2292752 Strontium (Sr)-Total 0.129 0.010 mg/kg 24-NOV-11 R2292752 Thallium (Tl)-Total 0.053 0.010 mg/kg 24-NOV-11 R2292752 Tin (Sn)-Total <0.050 0.050 mg/kg 24-NOV-11 R2292752 Uranium (U)-Total <0.0020 0.0020 mg/kg 24-NOV-11 R2292752 Vanadium (V)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292752 <b>Metals in Tissue by ICPOES wet weight</b> Aluminum (Al)-Total <2.0 2.0 mg/kg 23-NOV-11 R2293595 Calcium (Ca)-Total 47.4 2.0 mg/kg 23-NOV-11 R2293595 Chromium (Cr)-Total <0.10 0.10 mg/kg 23-NOV-11 R2293595 Iron (Fe)-Total 193 1.0 mg/kg 23-NOV-11 R2293595 Phosphorus (P)-Total 3160 5.0 mg/kg 23-NOV-11 R2293595 Potassium (K)-Total 3270 20 mg/kg 23-NOV-11 R2293595 Sodium (Na)-Total 1280 20 mg/kg 23-NOV-11 R2293595 Titanium (Ti)-Total <0.10 0.10 mg/kg 23-NOV-11 R2293595 Zinc (Zn)-Total 29.7 0.10 mg/kg 23-NOV-11 R2293595 <b>Miscellaneous Parameters</b> % Moisture 76.1 0.10 % 01-DEC-11 R2296026 Mercury (Hg)-Total 0.377 0.0020 mg/kg 17-NOV-11 25-NOV-11 R2293324 Silver (Ag)-Total 0.089 0.050 mg/kg 24-NOV-11 R2292752							
L1072670-38 GK11ULKTR010 Sampled By: CLIENT on 11-JUL-11 @ 10:00 Matrix: FISH LIVER <b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b> <b>Metals in Tissue by ICPMS wet weight</b> Antimony (Sb)-Total <0.010 0.010 mg/kg 24-NOV-11 R2292752 Arsenic (As)-Total 0.024 0.010 mg/kg 24-NOV-11 R2292752 Barium (Ba)-Total <0.020 0.020 mg/kg 24-NOV-11 R2292752 Beryllium (Be)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292752 Bismuth (Bi)-Total <0.060 0.060 mg/kg 24-NOV-11 R2292752 Cadmium (Cd)-Total 0.0733 0.0060 mg/kg 24-NOV-11 R2292752 Cobalt (Co)-Total 0.173 0.020 mg/kg 24-NOV-11 R2292752 Copper (Cu)-Total 10.4 0.040 mg/kg 24-NOV-11 R2292752 Lead (Pb)-Total 0.021 0.020 mg/kg 24-NOV-11 R2292752 Lithium (Li)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292752 Magnesium (Mg)-Total 173 1.0 mg/kg 24-NOV-11 R2292752							

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-38 GK11ULKTR010 Sampled By: CLIENT on 11-JUL-11 @ 10:00 Matrix: FISH LIVER							
<b>Metals in Tissue by ICPMS wet weight</b>							
Manganese (Mn)-Total	1.25	0.010	mg/kg		24-NOV-11	R2292752	
Molybdenum (Mo)-Total	0.142	0.010	mg/kg		24-NOV-11	R2292752	
Nickel (Ni)-Total	<0.10	0.10	mg/kg		24-NOV-11	R2292752	
Selenium (Se)-Total	1.87	0.20	mg/kg		24-NOV-11	R2292752	
Strontium (Sr)-Total	0.256	0.010	mg/kg		24-NOV-11	R2292752	
Thallium (Tl)-Total	0.024	0.010	mg/kg		24-NOV-11	R2292752	
Tin (Sn)-Total	<0.050	0.050	mg/kg		24-NOV-11	R2292752	
Uranium (U)-Total	<0.0020	0.0020	mg/kg		24-NOV-11	R2292752	
Vanadium (V)-Total	<0.10	0.10	mg/kg		24-NOV-11	R2292752	
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	<2.0	2.0	mg/kg		23-NOV-11	R2293595	
Calcium (Ca)-Total	79.3	2.0	mg/kg		23-NOV-11	R2293595	
Chromium (Cr)-Total	<0.10	0.10	mg/kg		23-NOV-11	R2293595	
Iron (Fe)-Total	405	1.0	mg/kg		23-NOV-11	R2293595	
Phosphorus (P)-Total	3120	5.0	mg/kg		23-NOV-11	R2293595	
Potassium (K)-Total	3000	20	mg/kg		23-NOV-11	R2293595	
Sodium (Na)-Total	1560	20	mg/kg		23-NOV-11	R2293595	
Titanium (Ti)-Total	<0.10	0.10	mg/kg		23-NOV-11	R2293595	
Zinc (Zn)-Total	30.3	0.10	mg/kg		23-NOV-11	R2293595	
<b>Miscellaneous Parameters</b>							
% Moisture	78.1	0.10	%		01-DEC-11	R2296026	
Mercury (Hg)-Total	0.312	0.0020	mg/kg	17-NOV-11	25-NOV-11	R2293324	
Silver (Ag)-Total	<0.050	0.050	mg/kg		24-NOV-11	R2292752	
L1072670-39 GK11ULKTR011 Sampled By: CLIENT on 11-JUL-11 @ 10:00 Matrix: FISH LIVER							
<b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>							
<b>Metals in Tissue by ICPMS wet weight</b>							
Antimony (Sb)-Total	<0.010	0.010	mg/kg		24-NOV-11	R2292752	
Arsenic (As)-Total	0.029	0.010	mg/kg		24-NOV-11	R2292752	
Barium (Ba)-Total	<0.020	0.020	mg/kg		24-NOV-11	R2292752	
Beryllium (Be)-Total	<0.10	0.10	mg/kg		24-NOV-11	R2292752	
Bismuth (Bi)-Total	<0.060	0.060	mg/kg		24-NOV-11	R2292752	
Cadmium (Cd)-Total	0.138	0.0060	mg/kg		24-NOV-11	R2292752	
Cobalt (Co)-Total	0.160	0.020	mg/kg		24-NOV-11	R2292752	
Copper (Cu)-Total	41.0	0.040	mg/kg		24-NOV-11	R2292752	
Lead (Pb)-Total	<0.020	0.020	mg/kg		24-NOV-11	R2292752	
Lithium (Li)-Total	<0.10	0.10	mg/kg		24-NOV-11	R2292752	
Magnesium (Mg)-Total	209	1.0	mg/kg		24-NOV-11	R2292752	
Manganese (Mn)-Total	1.83	0.010	mg/kg		24-NOV-11	R2292752	
Molybdenum (Mo)-Total	0.142	0.010	mg/kg		24-NOV-11	R2292752	
Nickel (Ni)-Total	<0.10	0.10	mg/kg		24-NOV-11	R2292752	
Selenium (Se)-Total	1.31	0.20	mg/kg		24-NOV-11	R2292752	
Strontium (Sr)-Total	0.157	0.010	mg/kg		24-NOV-11	R2292752	
Thallium (Tl)-Total	0.038	0.010	mg/kg		24-NOV-11	R2292752	
Tin (Sn)-Total	<0.050	0.050	mg/kg		24-NOV-11	R2292752	
Uranium (U)-Total	<0.0020	0.0020	mg/kg		24-NOV-11	R2292752	
Vanadium (V)-Total	<0.10	0.10	mg/kg		24-NOV-11	R2292752	
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	<2.0	2.0	mg/kg		23-NOV-11	R2293595	
Calcium (Ca)-Total	97.6	2.0	mg/kg		23-NOV-11	R2293595	

\* Refer to Referenced Information for Qualifiers (if any) and Methodology.

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-39 GK11ULKTR011 Sampled By: CLIENT on 11-JUL-11 @ 10:00 Matrix: FISH LIVER <b>Metals in Tissue by ICPOES wet weight</b> Chromium (Cr)-Total 0.11 0.10 mg/kg 23-NOV-11 R2293595 Iron (Fe)-Total 620 1.0 mg/kg 23-NOV-11 R2293595 Phosphorus (P)-Total 3650 5.0 mg/kg 23-NOV-11 R2293595 Potassium (K)-Total 4000 20 mg/kg 23-NOV-11 R2293595 Sodium (Na)-Total 1040 20 mg/kg 23-NOV-11 R2293595 Titanium (Ti)-Total <0.10 0.10 mg/kg 23-NOV-11 R2293595 Zinc (Zn)-Total 38.6 0.10 mg/kg 23-NOV-11 R2293595 <b>Miscellaneous Parameters</b> % Moisture 76.6 0.10 % 01-DEC-11 R2296026 Mercury (Hg)-Total 0.888 0.0020 mg/kg 17-NOV-11 25-NOV-11 R2293324 Silver (Ag)-Total 0.232 0.050 mg/kg 24-NOV-11 R2292752							
L1072670-40 GK11ULKTR012 Sampled By: CLIENT on 11-JUL-11 @ 10:00 Matrix: FISH LIVER <b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b> <b>Metals in Tissue by ICPMS wet weight</b> Antimony (Sb)-Total <0.010 0.010 mg/kg 24-NOV-11 R2292752 Arsenic (As)-Total 0.049 0.010 mg/kg 24-NOV-11 R2292752 Barium (Ba)-Total <0.020 0.020 mg/kg 24-NOV-11 R2292752 Beryllium (Be)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292752 Bismuth (Bi)-Total <0.060 0.060 mg/kg 24-NOV-11 R2292752 Cadmium (Cd)-Total 0.0990 0.0060 mg/kg 24-NOV-11 R2292752 Cobalt (Co)-Total 0.094 0.020 mg/kg 24-NOV-11 R2292752 Copper (Cu)-Total 16.7 0.040 mg/kg 24-NOV-11 R2292752 Lead (Pb)-Total <0.020 0.020 mg/kg 24-NOV-11 R2292752 Lithium (Li)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292752 Magnesium (Mg)-Total 209 1.0 mg/kg 24-NOV-11 R2292752 Manganese (Mn)-Total 1.53 0.010 mg/kg 24-NOV-11 R2292752 Molybdenum (Mo)-Total 0.212 0.010 mg/kg 24-NOV-11 R2292752 Nickel (Ni)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292752 Selenium (Se)-Total 2.06 0.20 mg/kg 24-NOV-11 R2292752 Strontium (Sr)-Total 0.156 0.010 mg/kg 24-NOV-11 R2292752 Thallium (Tl)-Total 0.108 0.010 mg/kg 24-NOV-11 R2292752 Tin (Sn)-Total <0.050 0.050 mg/kg 24-NOV-11 R2292752 Uranium (U)-Total <0.0020 0.0020 mg/kg 24-NOV-11 R2292752 Vanadium (V)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292752 <b>Metals in Tissue by ICPOES wet weight</b> Aluminum (Al)-Total <2.0 2.0 mg/kg 23-NOV-11 R2293595 Calcium (Ca)-Total 62.9 2.0 mg/kg 23-NOV-11 R2293595 Chromium (Cr)-Total <0.10 0.10 mg/kg 23-NOV-11 R2293595 Iron (Fe)-Total 205 1.0 mg/kg 23-NOV-11 R2293595 Phosphorus (P)-Total 4140 5.0 mg/kg 23-NOV-11 R2293595 Potassium (K)-Total 4410 20 mg/kg 23-NOV-11 R2293595 Sodium (Na)-Total 1070 20 mg/kg 23-NOV-11 R2293595 Titanium (Ti)-Total <0.10 0.10 mg/kg 23-NOV-11 R2293595 Zinc (Zn)-Total 35.0 0.10 mg/kg 23-NOV-11 R2293595 <b>Miscellaneous Parameters</b> % Moisture 74.1 0.10 % 01-DEC-11 R2296026 Mercury (Hg)-Total 0.229 0.0020 mg/kg 17-NOV-11 25-NOV-11 R2293324 Silver (Ag)-Total 0.096 0.050 mg/kg 24-NOV-11 R2292752							

\* Refer to Referenced Information for Qualifiers (if any) and Methodology.

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-41 GK11ULKTR013 Sampled By: CLIENT on 12-JUL-11 @ 10:00 Matrix: FISH LIVER <b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b> <b>Metals in Tissue by ICPMS wet weight</b> Antimony (Sb)-Total <0.010 0.010 mg/kg 24-NOV-11 R2292752 Arsenic (As)-Total 0.047 0.010 mg/kg 24-NOV-11 R2292752 Barium (Ba)-Total <0.020 0.020 mg/kg 24-NOV-11 R2292752 Beryllium (Be)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292752 Bismuth (Bi)-Total <0.060 0.060 mg/kg 24-NOV-11 R2292752 Cadmium (Cd)-Total 0.0740 0.0060 mg/kg 24-NOV-11 R2292752 Cobalt (Co)-Total 0.053 0.020 mg/kg 24-NOV-11 R2292752 Copper (Cu)-Total 6.03 0.040 mg/kg 24-NOV-11 R2292752 Lead (Pb)-Total <0.020 0.020 mg/kg 24-NOV-11 R2292752 Lithium (Li)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292752 Magnesium (Mg)-Total 176 1.0 mg/kg 24-NOV-11 R2292752 Manganese (Mn)-Total 1.87 0.010 mg/kg 24-NOV-11 R2292752 Molybdenum (Mo)-Total 0.153 0.010 mg/kg 24-NOV-11 R2292752 Nickel (Ni)-Total 0.14 0.10 mg/kg 24-NOV-11 R2292752 Selenium (Se)-Total 1.76 0.20 mg/kg 24-NOV-11 R2292752 Strontium (Sr)-Total 0.192 0.010 mg/kg 24-NOV-11 R2292752 Thallium (Tl)-Total 0.077 0.010 mg/kg 24-NOV-11 R2292752 Tin (Sn)-Total <0.050 0.050 mg/kg 24-NOV-11 R2292752 Uranium (U)-Total <0.0020 0.0020 mg/kg 24-NOV-11 R2292752 Vanadium (V)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292752 <b>Metals in Tissue by ICPOES wet weight</b> Aluminum (Al)-Total <2.0 2.0 mg/kg 23-NOV-11 R2293595 Calcium (Ca)-Total 60.9 2.0 mg/kg 23-NOV-11 R2293595 Chromium (Cr)-Total 0.13 0.10 mg/kg 23-NOV-11 R2293595 Iron (Fe)-Total 157 1.0 mg/kg 23-NOV-11 R2293595 Phosphorus (P)-Total 3230 5.0 mg/kg 23-NOV-11 R2293595 Potassium (K)-Total 2880 20 mg/kg 23-NOV-11 R2293595 Sodium (Na)-Total 1560 20 mg/kg 23-NOV-11 R2293595 Titanium (Ti)-Total <0.10 0.10 mg/kg 23-NOV-11 R2293595 Zinc (Zn)-Total 24.6 0.10 mg/kg 23-NOV-11 R2293595 <b>Miscellaneous Parameters</b> Mercury (Hg)-Total 0.140 0.0020 mg/kg 17-NOV-11 25-NOV-11 R2293324 Silver (Ag)-Total <0.050 0.050 mg/kg 24-NOV-11 R2292752							
L1072670-42 GK11ULKTR014 Sampled By: CLIENT on 12-JUL-11 @ 10:00 Matrix: FISH LIVER <b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b> <b>Metals in Tissue by ICPMS wet weight</b> Antimony (Sb)-Total <0.010 0.010 mg/kg 24-NOV-11 R2292752 Arsenic (As)-Total 0.036 0.010 mg/kg 24-NOV-11 R2292752 Barium (Ba)-Total <0.020 0.020 mg/kg 24-NOV-11 R2292752 Beryllium (Be)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292752 Bismuth (Bi)-Total <0.060 0.060 mg/kg 24-NOV-11 R2292752 Cadmium (Cd)-Total 0.185 0.0060 mg/kg 24-NOV-11 R2292752 Cobalt (Co)-Total 0.175 0.020 mg/kg 24-NOV-11 R2292752 Copper (Cu)-Total 14.8 0.040 mg/kg 24-NOV-11 R2292752 Lead (Pb)-Total <0.020 0.020 mg/kg 24-NOV-11 R2292752 Lithium (Li)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292752 Magnesium (Mg)-Total 204 1.0 mg/kg 24-NOV-11 R2292752 Manganese (Mn)-Total 1.65 0.010 mg/kg 24-NOV-11 R2292752							

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-42 GK11ULKTR014							
Sampled By: CLIENT on 12-JUL-11 @ 10:00							
Matrix: FISH LIVER							
<b>Metals in Tissue by ICPMS wet weight</b>							
Molybdenum (Mo)-Total	0.180		0.010	mg/kg		24-NOV-11	R2292752
Nickel (Ni)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292752
Selenium (Se)-Total	1.66		0.20	mg/kg		24-NOV-11	R2292752
Strontium (Sr)-Total	0.134		0.010	mg/kg		24-NOV-11	R2292752
Thallium (Tl)-Total	0.046		0.010	mg/kg		24-NOV-11	R2292752
Tin (Sn)-Total	<0.050		0.050	mg/kg		24-NOV-11	R2292752
Uranium (U)-Total	<0.0020		0.0020	mg/kg		24-NOV-11	R2292752
Vanadium (V)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292752
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	<2.0		2.0	mg/kg		23-NOV-11	R2293595
Calcium (Ca)-Total	60.3		2.0	mg/kg		23-NOV-11	R2293595
Chromium (Cr)-Total	<0.10		0.10	mg/kg		23-NOV-11	R2293595
Iron (Fe)-Total	444		1.0	mg/kg		23-NOV-11	R2293595
Phosphorus (P)-Total	3650		5.0	mg/kg		23-NOV-11	R2293595
Potassium (K)-Total	3640		20	mg/kg		23-NOV-11	R2293595
Sodium (Na)-Total	1190		20	mg/kg		23-NOV-11	R2293595
Titanium (Ti)-Total	<0.10		0.10	mg/kg		23-NOV-11	R2293595
Zinc (Zn)-Total	33.6		0.10	mg/kg		23-NOV-11	R2293595
<b>Miscellaneous Parameters</b>							
% Moisture	76.2		0.10	%		01-DEC-11	R2296026
Mercury (Hg)-Total	0.416		0.0020	mg/kg	17-NOV-11	25-NOV-11	R2293324
Silver (Ag)-Total	0.052		0.050	mg/kg		24-NOV-11	R2292752
L1072670-43 GK11ULKTR015							
Sampled By: CLIENT on 12-JUL-11 @ 10:00							
Matrix: FISH LIVER							
<b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>							
<b>Metals in Tissue by ICPMS wet weight</b>							
Antimony (Sb)-Total	<0.010		0.010	mg/kg		24-NOV-11	R2292752
Arsenic (As)-Total	0.029		0.010	mg/kg		24-NOV-11	R2292752
Barium (Ba)-Total	<0.020		0.020	mg/kg		24-NOV-11	R2292752
Beryllium (Be)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292752
Bismuth (Bi)-Total	<0.060		0.060	mg/kg		24-NOV-11	R2292752
Cadmium (Cd)-Total	0.203		0.0060	mg/kg		24-NOV-11	R2292752
Cobalt (Co)-Total	0.116		0.020	mg/kg		24-NOV-11	R2292752
Copper (Cu)-Total	26.1		0.040	mg/kg		24-NOV-11	R2292752
Lead (Pb)-Total	0.034		0.020	mg/kg		24-NOV-11	R2292752
Lithium (Li)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292752
Magnesium (Mg)-Total	186		1.0	mg/kg		24-NOV-11	R2292752
Manganese (Mn)-Total	1.60		0.010	mg/kg		24-NOV-11	R2292752
Molybdenum (Mo)-Total	0.252		0.010	mg/kg		24-NOV-11	R2292752
Nickel (Ni)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292752
Selenium (Se)-Total	2.98		0.20	mg/kg		24-NOV-11	R2292752
Strontium (Sr)-Total	0.101		0.010	mg/kg		24-NOV-11	R2292752
Thallium (Tl)-Total	0.045		0.010	mg/kg		24-NOV-11	R2292752
Tin (Sn)-Total	<0.050		0.050	mg/kg		24-NOV-11	R2292752
Uranium (U)-Total	<0.0020		0.0020	mg/kg		24-NOV-11	R2292752
Vanadium (V)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292752
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	<2.0		2.0	mg/kg		23-NOV-11	R2293595
Calcium (Ca)-Total	57.8		2.0	mg/kg		23-NOV-11	R2293595
Chromium (Cr)-Total	<0.10		0.10	mg/kg		23-NOV-11	R2293595

\* Refer to Referenced Information for Qualifiers (if any) and Methodology.

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-43 GK11ULKTR015 Sampled By: CLIENT on 12-JUL-11 @ 10:00 Matrix: FISH LIVER <b>Metals in Tissue by ICPOES wet weight</b> Iron (Fe)-Total 606 1.0 mg/kg 23-NOV-11 R2293595 Phosphorus (P)-Total 2950 5.0 mg/kg 23-NOV-11 R2293595 Potassium (K)-Total 2990 20 mg/kg 23-NOV-11 R2293595 Sodium (Na)-Total 1060 20 mg/kg 23-NOV-11 R2293595 Titanium (Ti)-Total <0.10 0.10 mg/kg 23-NOV-11 R2293595 Zinc (Zn)-Total 34.6 0.10 mg/kg 23-NOV-11 R2293595 <b>Miscellaneous Parameters</b> % Moisture 73.0 0.10 % 01-DEC-11 R2296026 Mercury (Hg)-Total 3.14 0.0020 mg/kg 17-NOV-11 25-NOV-11 R2293324 Silver (Ag)-Total 0.104 0.050 mg/kg 24-NOV-11 R2292752							
L1072670-44 GK11ULKTR016 Sampled By: CLIENT on 12-JUL-11 @ 10:00 Matrix: FISH LIVER <b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b> <b>Metals in Tissue by ICPMS wet weight</b> Antimony (Sb)-Total <0.010 0.010 mg/kg 24-NOV-11 R2292752 Arsenic (As)-Total 0.041 0.010 mg/kg 24-NOV-11 R2292752 Barium (Ba)-Total <0.020 0.020 mg/kg 24-NOV-11 R2292752 Beryllium (Be)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292752 Bismuth (Bi)-Total <0.060 0.060 mg/kg 24-NOV-11 R2292752 Cadmium (Cd)-Total 0.162 0.0060 mg/kg 24-NOV-11 R2292752 Cobalt (Co)-Total 0.141 0.020 mg/kg 24-NOV-11 R2292752 Copper (Cu)-Total 22.5 0.040 mg/kg 24-NOV-11 R2292752 Lead (Pb)-Total <0.020 0.020 mg/kg 24-NOV-11 R2292752 Lithium (Li)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292752 Magnesium (Mg)-Total 192 1.0 mg/kg 24-NOV-11 R2292752 Manganese (Mn)-Total 1.65 0.010 mg/kg 24-NOV-11 R2292752 Molybdenum (Mo)-Total 0.191 0.010 mg/kg 24-NOV-11 R2292752 Nickel (Ni)-Total 0.11 0.10 mg/kg 24-NOV-11 R2292752 Selenium (Se)-Total 1.84 0.20 mg/kg 24-NOV-11 R2292752 Strontium (Sr)-Total 0.146 0.010 mg/kg 24-NOV-11 R2292752 Thallium (Tl)-Total 0.063 0.010 mg/kg 24-NOV-11 R2292752 Tin (Sn)-Total <0.050 0.050 mg/kg 24-NOV-11 R2292752 Uranium (U)-Total <0.0020 0.0020 mg/kg 24-NOV-11 R2292752 Vanadium (V)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292752 <b>Metals in Tissue by ICPOES wet weight</b> Aluminum (Al)-Total <2.0 2.0 mg/kg 23-NOV-11 R2293595 Calcium (Ca)-Total 64.6 2.0 mg/kg 23-NOV-11 R2293595 Chromium (Cr)-Total 0.10 0.10 mg/kg 23-NOV-11 R2293595 Iron (Fe)-Total 451 1.0 mg/kg 23-NOV-11 R2293595 Phosphorus (P)-Total 3070 5.0 mg/kg 23-NOV-11 R2293595 Potassium (K)-Total 3430 20 mg/kg 23-NOV-11 R2293595 Sodium (Na)-Total 985 20 mg/kg 23-NOV-11 R2293595 Titanium (Ti)-Total <0.10 0.10 mg/kg 23-NOV-11 R2293595 Zinc (Zn)-Total 34.1 0.10 mg/kg 23-NOV-11 R2293595 <b>Miscellaneous Parameters</b> % Moisture 76.3 0.10 % 01-DEC-11 R2296026 Mercury (Hg)-Total 0.427 0.0020 mg/kg 17-NOV-11 25-NOV-11 R2293324 Silver (Ag)-Total 0.100 0.050 mg/kg 24-NOV-11 R2292752							

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-45 GK11ULKTR017 Sampled By: CLIENT on 12-JUL-11 @ 10:00 Matrix: FISH LIVER <b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b> <b>Metals in Tissue by ICPMS wet weight</b> Antimony (Sb)-Total <0.010 0.010 mg/kg 24-NOV-11 R2292752 Arsenic (As)-Total 0.037 0.010 mg/kg 24-NOV-11 R2292752 Barium (Ba)-Total <0.020 0.020 mg/kg 24-NOV-11 R2292752 Beryllium (Be)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292752 Bismuth (Bi)-Total <0.060 0.060 mg/kg 24-NOV-11 R2292752 Cadmium (Cd)-Total 0.160 0.0060 mg/kg 24-NOV-11 R2292752 Cobalt (Co)-Total 0.203 0.020 mg/kg 24-NOV-11 R2292752 Copper (Cu)-Total 22.0 0.040 mg/kg 24-NOV-11 R2292752 Lead (Pb)-Total <0.020 0.020 mg/kg 24-NOV-11 R2292752 Lithium (Li)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292752 Magnesium (Mg)-Total 161 1.0 mg/kg 24-NOV-11 R2292752 Manganese (Mn)-Total 1.72 0.010 mg/kg 24-NOV-11 R2292752 Molybdenum (Mo)-Total 0.219 0.010 mg/kg 24-NOV-11 R2292752 Nickel (Ni)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292752 Selenium (Se)-Total 2.46 0.20 mg/kg 24-NOV-11 R2292752 Strontium (Sr)-Total 0.133 0.010 mg/kg 24-NOV-11 R2292752 Thallium (Tl)-Total 0.062 0.010 mg/kg 24-NOV-11 R2292752 Tin (Sn)-Total <0.050 0.050 mg/kg 24-NOV-11 R2292752 Uranium (U)-Total <0.0020 0.0020 mg/kg 24-NOV-11 R2292752 Vanadium (V)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292752 <b>Metals in Tissue by ICPOES wet weight</b> Aluminum (Al)-Total <2.0 2.0 mg/kg 23-NOV-11 R2293595 Calcium (Ca)-Total 80.5 2.0 mg/kg 23-NOV-11 R2293595 Chromium (Cr)-Total <0.10 0.10 mg/kg 23-NOV-11 R2293595 Iron (Fe)-Total 437 1.0 mg/kg 23-NOV-11 R2293595 Phosphorus (P)-Total 3400 5.0 mg/kg 23-NOV-11 R2293595 Potassium (K)-Total 3320 20 mg/kg 23-NOV-11 R2293595 Sodium (Na)-Total 1090 20 mg/kg 23-NOV-11 R2293595 Titanium (Ti)-Total <0.10 0.10 mg/kg 23-NOV-11 R2293595 Zinc (Zn)-Total 35.4 0.10 mg/kg 23-NOV-11 R2293595 <b>Miscellaneous Parameters</b> % Moisture 74.5 0.10 % 01-DEC-11 R2296026 Mercury (Hg)-Total 0.605 0.0020 mg/kg 17-NOV-11 25-NOV-11 R2293324 Silver (Ag)-Total 0.110 0.050 mg/kg 24-NOV-11 R2292752							
L1072670-46 GK11ULKTR018 Sampled By: CLIENT on 12-JUL-11 @ 10:00 Matrix: FISH LIVER <b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b> <b>Metals in Tissue by ICPMS wet weight</b> Antimony (Sb)-Total <0.020 DLIS 0.020 mg/kg 24-NOV-11 R2292752 Arsenic (As)-Total 0.058 DLIS 0.020 mg/kg 24-NOV-11 R2292752 Barium (Ba)-Total <0.040 DLIS 0.040 mg/kg 24-NOV-11 R2292752 Beryllium (Be)-Total <0.20 DLIS 0.20 mg/kg 24-NOV-11 R2292752 Bismuth (Bi)-Total <0.12 DLIS 0.12 mg/kg 24-NOV-11 R2292752 Cadmium (Cd)-Total 0.138 DLIS 0.012 mg/kg 24-NOV-11 R2292752 Cobalt (Co)-Total 0.102 DLIS 0.040 mg/kg 24-NOV-11 R2292752 Copper (Cu)-Total 8.61 DLIS 0.080 mg/kg 24-NOV-11 R2292752 Lead (Pb)-Total <0.040 DLIS 0.040 mg/kg 24-NOV-11 R2292752 Lithium (Li)-Total <0.20 DLIS 0.20 mg/kg 24-NOV-11 R2292752 Magnesium (Mg)-Total 180 DLIS 2.0 mg/kg 24-NOV-11 R2292752							

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-46 GK11ULKTR018 Sampled By: CLIENT on 12-JUL-11 @ 10:00 Matrix: FISH LIVER							
<b>Metals in Tissue by ICPMS wet weight</b>							
Manganese (Mn)-Total	1.75	DLIS	0.020	mg/kg		24-NOV-11	R2292752
Molybdenum (Mo)-Total	0.200	DLIS	0.020	mg/kg		24-NOV-11	R2292752
Nickel (Ni)-Total	0.21	DLIS	0.20	mg/kg		24-NOV-11	R2292752
Selenium (Se)-Total	1.62	DLIS	0.40	mg/kg		24-NOV-11	R2292752
Strontium (Sr)-Total	0.140	DLIS	0.020	mg/kg		24-NOV-11	R2292752
Thallium (Tl)-Total	0.054	DLIS	0.020	mg/kg		24-NOV-11	R2292752
Tin (Sn)-Total	<0.10	DLIS	0.10	mg/kg		24-NOV-11	R2292752
Uranium (U)-Total	<0.0040	DLIS	0.0040	mg/kg		24-NOV-11	R2292752
Vanadium (V)-Total	<0.20	DLIS	0.20	mg/kg		24-NOV-11	R2292752
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	<4.0	DLIS	4.0	mg/kg		23-NOV-11	R2293595
Calcium (Ca)-Total	52.0	DLIS	4.0	mg/kg		23-NOV-11	R2293595
Chromium (Cr)-Total	<0.20	DLIS	0.20	mg/kg		23-NOV-11	R2293595
Iron (Fe)-Total	402	DLIS	2.0	mg/kg		23-NOV-11	R2293595
Phosphorus (P)-Total	3420		5.0	mg/kg		23-NOV-11	R2293595
Potassium (K)-Total	3520		20	mg/kg		23-NOV-11	R2293595
Sodium (Na)-Total	1100	DLIS	40	mg/kg		23-NOV-11	R2293595
Titanium (Ti)-Total	<0.20	DLIS	0.20	mg/kg		23-NOV-11	R2293595
Zinc (Zn)-Total	29.6	DLIS	0.20	mg/kg		23-NOV-11	R2293595
<b>Miscellaneous Parameters</b>							
Mercury (Hg)-Total	0.341		0.0020	mg/kg	17-NOV-11	25-NOV-11	R2293324
Silver (Ag)-Total	<0.10	DLIS	0.10	mg/kg		24-NOV-11	R2292752
L1072670-47 GK11ULKTR019 Sampled By: CLIENT on 12-JUL-11 @ 10:00 Matrix: FISH LIVER							
<b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>							
<b>Metals in Tissue by ICPMS wet weight</b>							
Antimony (Sb)-Total	<0.010		0.010	mg/kg		24-NOV-11	R2292752
Arsenic (As)-Total	0.039		0.010	mg/kg		24-NOV-11	R2292752
Barium (Ba)-Total	<0.020		0.020	mg/kg		24-NOV-11	R2292752
Beryllium (Be)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292752
Bismuth (Bi)-Total	<0.060		0.060	mg/kg		24-NOV-11	R2292752
Cadmium (Cd)-Total	0.129		0.0060	mg/kg		24-NOV-11	R2292752
Cobalt (Co)-Total	0.120		0.020	mg/kg		24-NOV-11	R2292752
Copper (Cu)-Total	7.74		0.040	mg/kg		24-NOV-11	R2292752
Lead (Pb)-Total	<0.020		0.020	mg/kg		24-NOV-11	R2292752
Lithium (Li)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292752
Magnesium (Mg)-Total	176		1.0	mg/kg		24-NOV-11	R2292752
Manganese (Mn)-Total	1.54		0.010	mg/kg		24-NOV-11	R2292752
Molybdenum (Mo)-Total	0.196		0.010	mg/kg		24-NOV-11	R2292752
Nickel (Ni)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292752
Selenium (Se)-Total	1.50		0.20	mg/kg		24-NOV-11	R2292752
Strontium (Sr)-Total	0.133		0.010	mg/kg		24-NOV-11	R2292752
Thallium (Tl)-Total	0.041		0.010	mg/kg		24-NOV-11	R2292752
Tin (Sn)-Total	<0.050		0.050	mg/kg		24-NOV-11	R2292752
Uranium (U)-Total	<0.0020		0.0020	mg/kg		24-NOV-11	R2292752
Vanadium (V)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292752
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	<2.0		2.0	mg/kg		23-NOV-11	R2293595
Calcium (Ca)-Total	59.6		2.0	mg/kg		23-NOV-11	R2293595
Chromium (Cr)-Total	<0.10		0.10	mg/kg		23-NOV-11	R2293595

\* Refer to Referenced Information for Qualifiers (if any) and Methodology.

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-47 GK11ULKTR019 Sampled By: CLIENT on 12-JUL-11 @ 10:00 Matrix: FISH LIVER <b>Metals in Tissue by ICPOES wet weight</b> Iron (Fe)-Total 474 1.0 mg/kg 23-NOV-11 R2293595 Phosphorus (P)-Total 3510 5.0 mg/kg 23-NOV-11 R2293595 Potassium (K)-Total 3550 20 mg/kg 23-NOV-11 R2293595 Sodium (Na)-Total 869 20 mg/kg 23-NOV-11 R2293595 Titanium (Ti)-Total <0.10 0.10 mg/kg 23-NOV-11 R2293595 Zinc (Zn)-Total 28.2 0.10 mg/kg 23-NOV-11 R2293595 <b>Miscellaneous Parameters</b> Mercury (Hg)-Total 0.332 0.0020 mg/kg 17-NOV-11 25-NOV-11 R2293324 Silver (Ag)-Total <0.050 0.050 mg/kg 24-NOV-11 R2292752							
L1072670-48 GK11ULKTR020 Sampled By: CLIENT on 12-JUL-11 @ 10:00 Matrix: FISH LIVER <b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b> <b>Metals in Tissue by ICPMS wet weight</b> Antimony (Sb)-Total <0.010 0.010 mg/kg 24-NOV-11 R2292752 Arsenic (As)-Total 0.048 0.010 mg/kg 24-NOV-11 R2292752 Barium (Ba)-Total <0.020 0.020 mg/kg 24-NOV-11 R2292752 Beryllium (Be)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292752 Bismuth (Bi)-Total <0.060 0.060 mg/kg 24-NOV-11 R2292752 Cadmium (Cd)-Total 0.152 0.0060 mg/kg 24-NOV-11 R2292752 Cobalt (Co)-Total 0.156 0.020 mg/kg 24-NOV-11 R2292752 Copper (Cu)-Total 11.4 0.040 mg/kg 24-NOV-11 R2292752 Lead (Pb)-Total <0.020 0.020 mg/kg 24-NOV-11 R2292752 Lithium (Li)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292752 Magnesium (Mg)-Total 169 1.0 mg/kg 24-NOV-11 R2292752 Manganese (Mn)-Total 1.55 0.010 mg/kg 24-NOV-11 R2292752 Molybdenum (Mo)-Total 0.205 0.010 mg/kg 24-NOV-11 R2292752 Nickel (Ni)-Total 0.22 0.10 mg/kg 24-NOV-11 R2292752 Selenium (Se)-Total 2.04 0.20 mg/kg 24-NOV-11 R2292752 Strontium (Sr)-Total 0.092 0.010 mg/kg 24-NOV-11 R2292752 Thallium (Tl)-Total 0.096 0.010 mg/kg 24-NOV-11 R2292752 Tin (Sn)-Total <0.050 0.050 mg/kg 24-NOV-11 R2292752 Uranium (U)-Total <0.0020 0.0020 mg/kg 24-NOV-11 R2292752 Vanadium (V)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292752 <b>Metals in Tissue by ICPOES wet weight</b> Aluminum (Al)-Total <2.0 2.0 mg/kg 23-NOV-11 R2293595 Calcium (Ca)-Total 46.7 2.0 mg/kg 23-NOV-11 R2293595 Chromium (Cr)-Total 0.33 0.10 mg/kg 23-NOV-11 R2293595 Iron (Fe)-Total 199 1.0 mg/kg 23-NOV-11 R2293595 Phosphorus (P)-Total 3430 5.0 mg/kg 23-NOV-11 R2293595 Potassium (K)-Total 3460 20 mg/kg 23-NOV-11 R2293595 Sodium (Na)-Total 1140 20 mg/kg 23-NOV-11 R2293595 Titanium (Ti)-Total <0.10 0.10 mg/kg 23-NOV-11 R2293595 Zinc (Zn)-Total 31.7 0.10 mg/kg 23-NOV-11 R2293595 <b>Miscellaneous Parameters</b> % Moisture 77.5 0.10 % 01-DEC-11 R2296026 Mercury (Hg)-Total 0.204 0.0020 mg/kg 17-NOV-11 25-NOV-11 R2293324 Silver (Ag)-Total <0.050 0.050 mg/kg 24-NOV-11 R2292752							

\* Refer to Referenced Information for Qualifiers (if any) and Methodology.

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-49 L195817-2 2004 LKTR LIVER 7-LIVER Sampled By: CLIENT on 07-MAY-07 Matrix: TISSUE <b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b> <b>Metals in Tissue by ICPMS wet weight</b> Antimony (Sb)-Total <0.010 0.010 mg/kg 24-NOV-11 R2292752 Arsenic (As)-Total 0.048 0.010 mg/kg 24-NOV-11 R2292752 Barium (Ba)-Total <0.020 0.020 mg/kg 24-NOV-11 R2292752 Beryllium (Be)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292752 Bismuth (Bi)-Total <0.060 0.060 mg/kg 24-NOV-11 R2292752 Cadmium (Cd)-Total 0.115 0.0060 mg/kg 24-NOV-11 R2292752 Cobalt (Co)-Total 0.122 0.020 mg/kg 24-NOV-11 R2292752 Copper (Cu)-Total 16.8 0.040 mg/kg 24-NOV-11 R2292752 Lead (Pb)-Total <0.020 0.020 mg/kg 24-NOV-11 R2292752 Lithium (Li)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292752 Magnesium (Mg)-Total 193 1.0 mg/kg 24-NOV-11 R2292752 Manganese (Mn)-Total 1.61 0.010 mg/kg 24-NOV-11 R2292752 Molybdenum (Mo)-Total 0.182 0.010 mg/kg 24-NOV-11 R2292752 Nickel (Ni)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292752 Selenium (Se)-Total 1.58 0.20 mg/kg 24-NOV-11 R2292752 Strontium (Sr)-Total 0.118 0.010 mg/kg 24-NOV-11 R2292752 Thallium (Tl)-Total 0.117 0.010 mg/kg 24-NOV-11 R2292752 Tin (Sn)-Total <0.050 0.050 mg/kg 24-NOV-11 R2292752 Uranium (U)-Total <0.0020 0.0020 mg/kg 24-NOV-11 R2292752 Vanadium (V)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292752 <b>Metals in Tissue by ICPOES wet weight</b> Aluminum (Al)-Total <2.0 2.0 mg/kg 23-NOV-11 R2293595 Calcium (Ca)-Total 43.5 2.0 mg/kg 23-NOV-11 R2293595 Chromium (Cr)-Total <0.10 0.10 mg/kg 23-NOV-11 R2293595 Iron (Fe)-Total 424 1.0 mg/kg 23-NOV-11 R2293595 Phosphorus (P)-Total 4040 5.0 mg/kg 23-NOV-11 R2293595 Potassium (K)-Total 3460 20 mg/kg 23-NOV-11 R2293595 Sodium (Na)-Total 733 20 mg/kg 23-NOV-11 R2293595 Titanium (Ti)-Total <0.10 0.10 mg/kg 23-NOV-11 R2293595 Zinc (Zn)-Total 29.9 0.10 mg/kg 23-NOV-11 R2293595 <b>Miscellaneous Parameters</b> % Moisture 75.8 0.10 % 01-DEC-11 R2296026 Mercury (Hg)-Total 0.147 0.0020 mg/kg 17-NOV-11 25-NOV-11 R2293324 Silver (Ag)-Total 0.130 0.050 mg/kg 24-NOV-11 R2292752							
L1072670-50 L195817-5 2004 LKTR LIVER KL2-LIVER Sampled By: CLIENT on 07-MAY-07 Matrix: TISSUE <b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b> <b>Metals in Tissue by ICPMS wet weight</b> Antimony (Sb)-Total <0.010 0.010 mg/kg 26-NOV-11 R2293731 Arsenic (As)-Total 0.040 0.010 mg/kg 26-NOV-11 R2293731 Barium (Ba)-Total <0.020 0.020 mg/kg 26-NOV-11 R2293731 Beryllium (Be)-Total <0.10 0.10 mg/kg 26-NOV-11 R2293731 Bismuth (Bi)-Total <0.060 0.060 mg/kg 26-NOV-11 R2293731 Cadmium (Cd)-Total 0.0733 0.0060 mg/kg 26-NOV-11 R2293731 Cobalt (Co)-Total 0.084 0.020 mg/kg 26-NOV-11 R2293731 Copper (Cu)-Total 5.56 0.040 mg/kg 26-NOV-11 R2293731 Lead (Pb)-Total <0.020 0.020 mg/kg 26-NOV-11 R2293731 Lithium (Li)-Total <0.10 0.10 mg/kg 26-NOV-11 R2293731 Magnesium (Mg)-Total 178 1.0 mg/kg 26-NOV-11 R2293731							

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-50 L195817-5 2004 LKTR LIVER KL2-LIVER							
Sampled By: CLIENT on 07-MAY-07							
Matrix: TISSUE							
<b>Metals in Tissue by ICPMS wet weight</b>							
Manganese (Mn)-Total	1.97	0.010	mg/kg		26-NOV-11	R2293731	
Molybdenum (Mo)-Total	0.119	0.010	mg/kg		26-NOV-11	R2293731	
Nickel (Ni)-Total	<0.10	0.10	mg/kg		26-NOV-11	R2293731	
Selenium (Se)-Total	1.01	0.20	mg/kg		26-NOV-11	R2293731	
Strontium (Sr)-Total	0.107	0.010	mg/kg		26-NOV-11	R2293731	
Thallium (Tl)-Total	0.067	0.010	mg/kg		26-NOV-11	R2293731	
Tin (Sn)-Total	<0.050	0.050	mg/kg		26-NOV-11	R2293731	
Uranium (U)-Total	<0.0020	0.0020	mg/kg		26-NOV-11	R2293731	
Vanadium (V)-Total	<0.10	0.10	mg/kg		26-NOV-11	R2293731	
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	<2.0	2.0	mg/kg		25-NOV-11	R2293678	
Calcium (Ca)-Total	56.4	2.0	mg/kg		25-NOV-11	R2293678	
Chromium (Cr)-Total	<0.10	0.10	mg/kg		25-NOV-11	R2293678	
Iron (Fe)-Total	192	1.0	mg/kg		25-NOV-11	R2293678	
Phosphorus (P)-Total	4410	5.0	mg/kg		25-NOV-11	R2293678	
Potassium (K)-Total	4770	20	mg/kg		25-NOV-11	R2293678	
Sodium (Na)-Total	751	20	mg/kg		25-NOV-11	R2293678	
Titanium (Ti)-Total	<0.10	0.10	mg/kg		25-NOV-11	R2293678	
Zinc (Zn)-Total	27.4	0.10	mg/kg		25-NOV-11	R2293678	
<b>Miscellaneous Parameters</b>							
% Moisture	75.1	0.10	%		01-DEC-11	R2296026	
Mercury (Hg)-Total	0.121	0.0020	mg/kg	23-NOV-11	29-NOV-11	R2294692	
Silver (Ag)-Total	<0.050	0.050	mg/kg		26-NOV-11	R2293731	
L1072670-51 L195817-7 2004 LKTR LIVER KL3-LIVER							
Sampled By: CLIENT on 07-MAY-07							
Matrix: TISSUE							
<b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>							
<b>Metals in Tissue by ICPMS wet weight</b>							
Antimony (Sb)-Total	<0.010	0.010	mg/kg		24-NOV-11	R2292752	
Arsenic (As)-Total	0.033	0.010	mg/kg		24-NOV-11	R2292752	
Barium (Ba)-Total	<0.020	0.020	mg/kg		24-NOV-11	R2292752	
Beryllium (Be)-Total	<0.10	0.10	mg/kg		24-NOV-11	R2292752	
Bismuth (Bi)-Total	<0.060	0.060	mg/kg		24-NOV-11	R2292752	
Cadmium (Cd)-Total	0.181	0.0060	mg/kg		24-NOV-11	R2292752	
Cobalt (Co)-Total	0.193	0.020	mg/kg		24-NOV-11	R2292752	
Copper (Cu)-Total	27.5	0.040	mg/kg		24-NOV-11	R2292752	
Lead (Pb)-Total	<0.020	0.020	mg/kg		24-NOV-11	R2292752	
Lithium (Li)-Total	<0.10	0.10	mg/kg		24-NOV-11	R2292752	
Magnesium (Mg)-Total	126	1.0	mg/kg		24-NOV-11	R2292752	
Manganese (Mn)-Total	1.00	0.010	mg/kg		24-NOV-11	R2292752	
Molybdenum (Mo)-Total	0.189	0.010	mg/kg		24-NOV-11	R2292752	
Nickel (Ni)-Total	<0.10	0.10	mg/kg		24-NOV-11	R2292752	
Selenium (Se)-Total	1.99	0.20	mg/kg		24-NOV-11	R2292752	
Strontium (Sr)-Total	0.152	0.010	mg/kg		24-NOV-11	R2292752	
Thallium (Tl)-Total	0.043	0.010	mg/kg		24-NOV-11	R2292752	
Tin (Sn)-Total	<0.050	0.050	mg/kg		24-NOV-11	R2292752	
Uranium (U)-Total	<0.0020	0.0020	mg/kg		24-NOV-11	R2292752	
Vanadium (V)-Total	<0.10	0.10	mg/kg		24-NOV-11	R2292752	
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	2.3	2.0	mg/kg		23-NOV-11	R2293595	
Calcium (Ca)-Total	64.7	2.0	mg/kg		23-NOV-11	R2293595	

\* Refer to Referenced Information for Qualifiers (if any) and Methodology.

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-51 L195817-7 2004 LKTR LIVER KL3-LIVER							
Sampled By: CLIENT on 07-MAY-07							
Matrix: TISSUE							
<b>Metals in Tissue by ICPOES wet weight</b>							
Chromium (Cr)-Total	<0.10		0.10	mg/kg		23-NOV-11	R2293595
Iron (Fe)-Total	885		1.0	mg/kg		23-NOV-11	R2293595
Phosphorus (P)-Total	2550		5.0	mg/kg		23-NOV-11	R2293595
Potassium (K)-Total	2540		20	mg/kg		23-NOV-11	R2293595
Sodium (Na)-Total	1540		20	mg/kg		23-NOV-11	R2293595
Titanium (Ti)-Total	<0.10		0.10	mg/kg		23-NOV-11	R2293595
Zinc (Zn)-Total	37.7		0.10	mg/kg		23-NOV-11	R2293595
<b>Miscellaneous Parameters</b>							
% Moisture	78.8		0.10	%		01-DEC-11	R2296026
Mercury (Hg)-Total	1.07		0.0020	mg/kg	17-NOV-11	25-NOV-11	R2293324
Silver (Ag)-Total	0.233		0.050	mg/kg		24-NOV-11	R2292752
L1072670-52 L195817-10 2004 LKTR LIVER L410-1 LIVER							
Sampled By: CLIENT on 07-MAY-07							
Matrix: TISSUE							
<b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>							
<b>Metals in Tissue by ICPMS wet weight</b>							
Antimony (Sb)-Total	<0.010		0.010	mg/kg		26-NOV-11	R2293731
Arsenic (As)-Total	0.101		0.010	mg/kg		26-NOV-11	R2293731
Barium (Ba)-Total	0.021		0.020	mg/kg		26-NOV-11	R2293731
Beryllium (Be)-Total	<0.10		0.10	mg/kg		26-NOV-11	R2293731
Bismuth (Bi)-Total	<0.060		0.060	mg/kg		26-NOV-11	R2293731
Cadmium (Cd)-Total	0.230		0.0060	mg/kg		26-NOV-11	R2293731
Cobalt (Co)-Total	0.118		0.020	mg/kg		26-NOV-11	R2293731
Copper (Cu)-Total	62.2		0.040	mg/kg		26-NOV-11	R2293731
Lead (Pb)-Total	<0.020		0.020	mg/kg		26-NOV-11	R2293731
Lithium (Li)-Total	<0.10		0.10	mg/kg		26-NOV-11	R2293731
Magnesium (Mg)-Total	196		1.0	mg/kg		26-NOV-11	R2293731
Manganese (Mn)-Total	1.79		0.010	mg/kg		26-NOV-11	R2293731
Molybdenum (Mo)-Total	0.172		0.010	mg/kg		26-NOV-11	R2293731
Nickel (Ni)-Total	<0.10		0.10	mg/kg		26-NOV-11	R2293731
Selenium (Se)-Total	1.61		0.20	mg/kg		26-NOV-11	R2293731
Strontium (Sr)-Total	0.320		0.010	mg/kg		26-NOV-11	R2293731
Thallium (Tl)-Total	0.060		0.010	mg/kg		26-NOV-11	R2293731
Tin (Sn)-Total	<0.050		0.050	mg/kg		26-NOV-11	R2293731
Uranium (U)-Total	0.0031		0.0020	mg/kg		26-NOV-11	R2293731
Vanadium (V)-Total	<0.10		0.10	mg/kg		26-NOV-11	R2293731
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	5.3		2.0	mg/kg		25-NOV-11	R2293678
Calcium (Ca)-Total	178		2.0	mg/kg		25-NOV-11	R2293678
Chromium (Cr)-Total	<0.10		0.10	mg/kg		25-NOV-11	R2293678
Iron (Fe)-Total	579		1.0	mg/kg		25-NOV-11	R2293678
Phosphorus (P)-Total	4060		5.0	mg/kg		25-NOV-11	R2293678
Potassium (K)-Total	3510		20	mg/kg		25-NOV-11	R2293678
Sodium (Na)-Total	902		20	mg/kg		25-NOV-11	R2293678
Titanium (Ti)-Total	<0.10		0.10	mg/kg		25-NOV-11	R2293678
Zinc (Zn)-Total	49.0		0.10	mg/kg		25-NOV-11	R2293678
<b>Miscellaneous Parameters</b>							
% Moisture	75.2		0.10	%		01-DEC-11	R2296026
Mercury (Hg)-Total	1.02		0.0020	mg/kg	23-NOV-11	29-NOV-11	R2294692
Silver (Ag)-Total	0.205		0.050	mg/kg		26-NOV-11	R2293731

\* Refer to Referenced Information for Qualifiers (if any) and Methodology.

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-53 L195817-12 2004 LKTR LIVER L410-2 LIVER Sampled By: CLIENT on 07-MAY-07 Matrix: TISSUE <b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b> <b>Metals in Tissue by ICPMS wet weight</b> Antimony (Sb)-Total <0.010 0.010 mg/kg 24-NOV-11 R2292752 Arsenic (As)-Total 0.064 0.010 mg/kg 24-NOV-11 R2292752 Barium (Ba)-Total <0.020 0.020 mg/kg 24-NOV-11 R2292752 Beryllium (Be)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292752 Bismuth (Bi)-Total <0.060 0.060 mg/kg 24-NOV-11 R2292752 Cadmium (Cd)-Total 0.240 0.0060 mg/kg 24-NOV-11 R2292752 Cobalt (Co)-Total 0.271 0.020 mg/kg 24-NOV-11 R2292752 Copper (Cu)-Total 29.1 0.040 mg/kg 24-NOV-11 R2292752 Lead (Pb)-Total <0.020 0.020 mg/kg 24-NOV-11 R2292752 Lithium (Li)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292752 Magnesium (Mg)-Total 236 1.0 mg/kg 24-NOV-11 R2292752 Manganese (Mn)-Total 2.02 0.010 mg/kg 24-NOV-11 R2292752 Molybdenum (Mo)-Total 0.290 0.010 mg/kg 24-NOV-11 R2292752 Nickel (Ni)-Total 0.36 0.10 mg/kg 24-NOV-11 R2292752 Selenium (Se)-Total 2.44 0.20 mg/kg 24-NOV-11 R2292752 Strontium (Sr)-Total 0.101 0.010 mg/kg 24-NOV-11 R2292752 Thallium (Tl)-Total 0.225 0.010 mg/kg 24-NOV-11 R2292752 Tin (Sn)-Total <0.050 0.050 mg/kg 24-NOV-11 R2292752 Uranium (U)-Total <0.0020 0.0020 mg/kg 24-NOV-11 R2292752 Vanadium (V)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292752 <b>Metals in Tissue by ICPOES wet weight</b> Aluminum (Al)-Total 6.1 2.0 mg/kg 23-NOV-11 R2293595 Calcium (Ca)-Total 72.4 2.0 mg/kg 23-NOV-11 R2293595 Chromium (Cr)-Total 0.44 0.10 mg/kg 23-NOV-11 R2293595 Iron (Fe)-Total 1440 1.0 mg/kg 23-NOV-11 R2293595 Phosphorus (P)-Total 4450 5.0 mg/kg 23-NOV-11 R2293595 Potassium (K)-Total 3740 20 mg/kg 23-NOV-11 R2293595 Sodium (Na)-Total 1160 20 mg/kg 23-NOV-11 R2293595 Titanium (Ti)-Total <0.10 0.10 mg/kg 23-NOV-11 R2293595 Zinc (Zn)-Total 58.9 0.10 mg/kg 23-NOV-11 R2293595 <b>Miscellaneous Parameters</b> Mercury (Hg)-Total 0.730 0.0020 mg/kg 17-NOV-11 25-NOV-11 R2293324 Silver (Ag)-Total 0.278 0.050 mg/kg 24-NOV-11 R2292752							
L1072670-54 L195817-14 2004 LKTR LIVER L410-3 LIVER Sampled By: CLIENT on 07-MAY-07 Matrix: TISSUE <b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b> <b>Metals in Tissue by ICPMS wet weight</b> Antimony (Sb)-Total <0.010 0.010 mg/kg 24-NOV-11 R2292752 Arsenic (As)-Total 0.032 0.010 mg/kg 24-NOV-11 R2292752 Barium (Ba)-Total <0.020 0.020 mg/kg 24-NOV-11 R2292752 Beryllium (Be)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292752 Bismuth (Bi)-Total <0.060 0.060 mg/kg 24-NOV-11 R2292752 Cadmium (Cd)-Total 0.128 0.0060 mg/kg 24-NOV-11 R2292752 Cobalt (Co)-Total 0.227 0.020 mg/kg 24-NOV-11 R2292752 Copper (Cu)-Total 8.10 0.040 mg/kg 24-NOV-11 R2292752 Lead (Pb)-Total <0.020 0.020 mg/kg 24-NOV-11 R2292752 Lithium (Li)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292752 Magnesium (Mg)-Total 180 1.0 mg/kg 24-NOV-11 R2292752 Manganese (Mn)-Total 1.75 0.010 mg/kg 24-NOV-11 R2292752							

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-54 L195817-14 2004 LKTR LIVER L410-3 LIVER							
Sampled By: CLIENT on 07-MAY-07							
Matrix: TISSUE							
<b>Metals in Tissue by ICPMS wet weight</b>							
Molybdenum (Mo)-Total	0.148		0.010	mg/kg		24-NOV-11	R2292752
Nickel (Ni)-Total	0.10		0.10	mg/kg		24-NOV-11	R2292752
Selenium (Se)-Total	3.04		0.20	mg/kg		24-NOV-11	R2292752
Strontium (Sr)-Total	0.823		0.010	mg/kg		24-NOV-11	R2292752
Thallium (Tl)-Total	0.082		0.010	mg/kg		24-NOV-11	R2292752
Tin (Sn)-Total	<0.050		0.050	mg/kg		24-NOV-11	R2292752
Uranium (U)-Total	<0.0020		0.0020	mg/kg		24-NOV-11	R2292752
Vanadium (V)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292752
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	2.9		2.0	mg/kg		23-NOV-11	R2293595
Calcium (Ca)-Total	628		2.0	mg/kg		23-NOV-11	R2293595
Chromium (Cr)-Total	0.11		0.10	mg/kg		23-NOV-11	R2293595
Iron (Fe)-Total	484		1.0	mg/kg		23-NOV-11	R2293595
Phosphorus (P)-Total	3620		5.0	mg/kg		23-NOV-11	R2293595
Potassium (K)-Total	3130		20	mg/kg		23-NOV-11	R2293595
Sodium (Na)-Total	1030		20	mg/kg		23-NOV-11	R2293595
Titanium (Ti)-Total	<0.10		0.10	mg/kg		23-NOV-11	R2293595
Zinc (Zn)-Total	43.2		0.10	mg/kg		23-NOV-11	R2293595
<b>Miscellaneous Parameters</b>							
% Moisture	73.7		0.10	%		01-DEC-11	R2296026
Mercury (Hg)-Total	4.62		0.0020	mg/kg	17-NOV-11	25-NOV-11	R2293324
Silver (Ag)-Total	<0.050		0.050	mg/kg		24-NOV-11	R2292752
L1072670-55 L195817-16 2004 LKTR LIVER L410-4 LIVER							
Sampled By: CLIENT on 07-MAY-07							
Matrix: TISSUE							
<b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>							
<b>Metals in Tissue by ICPMS wet weight</b>							
Antimony (Sb)-Total	<0.010		0.010	mg/kg		24-NOV-11	R2292752
Arsenic (As)-Total	0.044		0.010	mg/kg		24-NOV-11	R2292752
Barium (Ba)-Total	<0.020		0.020	mg/kg		24-NOV-11	R2292752
Beryllium (Be)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292752
Bismuth (Bi)-Total	<0.060		0.060	mg/kg		24-NOV-11	R2292752
Cadmium (Cd)-Total	0.154		0.0060	mg/kg		24-NOV-11	R2292752
Cobalt (Co)-Total	0.362		0.020	mg/kg		24-NOV-11	R2292752
Copper (Cu)-Total	20.4		0.040	mg/kg		24-NOV-11	R2292752
Lead (Pb)-Total	<0.020		0.020	mg/kg		24-NOV-11	R2292752
Lithium (Li)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292752
Magnesium (Mg)-Total	181		1.0	mg/kg		24-NOV-11	R2292752
Manganese (Mn)-Total	1.75		0.010	mg/kg		24-NOV-11	R2292752
Molybdenum (Mo)-Total	0.219		0.010	mg/kg		24-NOV-11	R2292752
Nickel (Ni)-Total	0.17		0.10	mg/kg		24-NOV-11	R2292752
Selenium (Se)-Total	2.07		0.20	mg/kg		24-NOV-11	R2292752
Strontium (Sr)-Total	0.133		0.010	mg/kg		24-NOV-11	R2292752
Thallium (Tl)-Total	0.089		0.010	mg/kg		24-NOV-11	R2292752
Tin (Sn)-Total	<0.050		0.050	mg/kg		24-NOV-11	R2292752
Uranium (U)-Total	<0.0020		0.0020	mg/kg		24-NOV-11	R2292752
Vanadium (V)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292752
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	<2.0		2.0	mg/kg		23-NOV-11	R2293595
Calcium (Ca)-Total	80.1		2.0	mg/kg		23-NOV-11	R2293595
Chromium (Cr)-Total	0.20		0.10	mg/kg		23-NOV-11	R2293595

\* Refer to Referenced Information for Qualifiers (if any) and Methodology.

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-55 L195817-16 2004 LKTR LIVER L410-4 LIVER Sampled By: CLIENT on 07-MAY-07 Matrix: TISSUE <b>Metals in Tissue by ICPOES wet weight</b> Iron (Fe)-Total 587 1.0 mg/kg 23-NOV-11 R2293595 Phosphorus (P)-Total 3680 5.0 mg/kg 23-NOV-11 R2293595 Potassium (K)-Total 2910 20 mg/kg 23-NOV-11 R2293595 Sodium (Na)-Total 1110 20 mg/kg 23-NOV-11 R2293595 Titanium (Ti)-Total <0.10 0.10 mg/kg 23-NOV-11 R2293595 Zinc (Zn)-Total 42.6 0.10 mg/kg 23-NOV-11 R2293595 <b>Miscellaneous Parameters</b> Mercury (Hg)-Total 0.790 0.0020 mg/kg 17-NOV-11 25-NOV-11 R2293324 Silver (Ag)-Total 0.137 0.050 mg/kg 24-NOV-11 R2292752							
L1072670-56 L195817-18 2004 LKTR LIVER L410-9 LIVER Sampled By: CLIENT on 07-MAY-07 Matrix: TISSUE <b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b> <b>Metals in Tissue by ICPMS wet weight</b> Antimony (Sb)-Total <0.010 0.010 mg/kg 24-NOV-11 R2292752 Arsenic (As)-Total 0.089 0.010 mg/kg 24-NOV-11 R2292752 Barium (Ba)-Total <0.020 0.020 mg/kg 24-NOV-11 R2292752 Beryllium (Be)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292752 Bismuth (Bi)-Total <0.060 0.060 mg/kg 24-NOV-11 R2292752 Cadmium (Cd)-Total 0.107 0.0060 mg/kg 24-NOV-11 R2292752 Cobalt (Co)-Total 0.146 0.020 mg/kg 24-NOV-11 R2292752 Copper (Cu)-Total 27.6 0.040 mg/kg 24-NOV-11 R2292752 Lead (Pb)-Total <0.020 0.020 mg/kg 24-NOV-11 R2292752 Lithium (Li)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292752 Magnesium (Mg)-Total 218 1.0 mg/kg 24-NOV-11 R2292752 Manganese (Mn)-Total 2.29 0.010 mg/kg 24-NOV-11 R2292752 Molybdenum (Mo)-Total 0.153 0.010 mg/kg 24-NOV-11 R2292752 Nickel (Ni)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292752 Selenium (Se)-Total 1.37 0.20 mg/kg 24-NOV-11 R2292752 Strontium (Sr)-Total 0.108 0.010 mg/kg 24-NOV-11 R2292752 Thallium (Tl)-Total 0.108 0.010 mg/kg 24-NOV-11 R2292752 Tin (Sn)-Total <0.050 0.050 mg/kg 24-NOV-11 R2292752 Uranium (U)-Total <0.0020 0.0020 mg/kg 24-NOV-11 R2292752 Vanadium (V)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292752 <b>Metals in Tissue by ICPOES wet weight</b> Aluminum (Al)-Total <2.0 2.0 mg/kg 23-NOV-11 R2293595 Calcium (Ca)-Total 69.5 2.0 mg/kg 23-NOV-11 R2293595 Chromium (Cr)-Total <0.10 0.10 mg/kg 23-NOV-11 R2293595 Iron (Fe)-Total 261 1.0 mg/kg 23-NOV-11 R2293595 Phosphorus (P)-Total 4040 5.0 mg/kg 23-NOV-11 R2293595 Potassium (K)-Total 3450 20 mg/kg 23-NOV-11 R2293595 Sodium (Na)-Total 880 20 mg/kg 23-NOV-11 R2293595 Titanium (Ti)-Total <0.10 0.10 mg/kg 23-NOV-11 R2293595 Zinc (Zn)-Total 43.7 0.10 mg/kg 23-NOV-11 R2293595 <b>Miscellaneous Parameters</b> % Moisture 72.5 0.10 % 01-DEC-11 R2296026 Mercury (Hg)-Total 0.465 0.0020 mg/kg 17-NOV-11 25-NOV-11 R2293324 Silver (Ag)-Total 0.090 0.050 mg/kg 24-NOV-11 R2292752							

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-57 L195817-20 2004 LKTR LIVER L410-10	LIVER						
Sampled By:	CLIENT on 07-MAY-07						
Matrix:	TISSUE						
<b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>							
<b>Metals in Tissue by ICPMS wet weight</b>							
Antimony (Sb)-Total	<0.010		0.010	mg/kg		26-NOV-11	R2293731
Arsenic (As)-Total	0.020		0.010	mg/kg		26-NOV-11	R2293731
Barium (Ba)-Total	0.021		0.020	mg/kg		26-NOV-11	R2293731
Beryllium (Be)-Total	<0.10		0.10	mg/kg		26-NOV-11	R2293731
Bismuth (Bi)-Total	<0.060		0.060	mg/kg		26-NOV-11	R2293731
Cadmium (Cd)-Total	0.120		0.0060	mg/kg		26-NOV-11	R2293731
Cobalt (Co)-Total	0.242		0.020	mg/kg		26-NOV-11	R2293731
Copper (Cu)-Total	18.3		0.040	mg/kg		26-NOV-11	R2293731
Lead (Pb)-Total	<0.020		0.020	mg/kg		26-NOV-11	R2293731
Lithium (Li)-Total	<0.10		0.10	mg/kg		26-NOV-11	R2293731
Magnesium (Mg)-Total	190		1.0	mg/kg		26-NOV-11	R2293731
Manganese (Mn)-Total	1.68		0.010	mg/kg		26-NOV-11	R2293731
Molybdenum (Mo)-Total	0.134		0.010	mg/kg		26-NOV-11	R2293731
Nickel (Ni)-Total	<0.10		0.10	mg/kg		26-NOV-11	R2293731
Selenium (Se)-Total	1.53		0.20	mg/kg		26-NOV-11	R2293731
Strontium (Sr)-Total	0.194		0.010	mg/kg		26-NOV-11	R2293731
Thallium (Tl)-Total	0.073		0.010	mg/kg		26-NOV-11	R2293731
Tin (Sn)-Total	<0.050		0.050	mg/kg		26-NOV-11	R2293731
Uranium (U)-Total	<0.0020		0.0020	mg/kg		26-NOV-11	R2293731
Vanadium (V)-Total	<0.10		0.10	mg/kg		26-NOV-11	R2293731
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	<2.0		2.0	mg/kg		25-NOV-11	R2293678
Calcium (Ca)-Total	121		2.0	mg/kg		25-NOV-11	R2293678
Chromium (Cr)-Total	<0.10		0.10	mg/kg		25-NOV-11	R2293678
Iron (Fe)-Total	226		1.0	mg/kg		25-NOV-11	R2293678
Phosphorus (P)-Total	3600		5.0	mg/kg		25-NOV-11	R2293678
Potassium (K)-Total	2900		20	mg/kg		25-NOV-11	R2293678
Sodium (Na)-Total	1330		20	mg/kg		25-NOV-11	R2293678
Titanium (Ti)-Total	<0.10		0.10	mg/kg		25-NOV-11	R2293678
Zinc (Zn)-Total	37.4		0.10	mg/kg		25-NOV-11	R2293678
<b>Miscellaneous Parameters</b>							
% Moisture	74.1		0.10	%		01-DEC-11	R2296026
Mercury (Hg)-Total	0.786		0.0020	mg/kg	23-NOV-11	29-NOV-11	R2294692
Silver (Ag)-Total	0.105		0.050	mg/kg		26-NOV-11	R2293731
L1072670-58 L195817-22 2004 LKTR LIVER CL1 LIVER							
Sampled By:	CLIENT on 07-MAY-07						
Matrix:	TISSUE						
<b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>							
<b>Metals in Tissue by ICPMS wet weight</b>							
Antimony (Sb)-Total	<0.010		0.010	mg/kg		24-NOV-11	R2292752
Arsenic (As)-Total	0.050		0.010	mg/kg		24-NOV-11	R2292752
Barium (Ba)-Total	<0.020		0.020	mg/kg		24-NOV-11	R2292752
Beryllium (Be)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292752
Bismuth (Bi)-Total	<0.060		0.060	mg/kg		24-NOV-11	R2292752
Cadmium (Cd)-Total	0.165		0.0060	mg/kg		24-NOV-11	R2292752
Cobalt (Co)-Total	0.136		0.020	mg/kg		24-NOV-11	R2292752
Copper (Cu)-Total	17.3		0.040	mg/kg		24-NOV-11	R2292752
Lead (Pb)-Total	<0.020		0.020	mg/kg		24-NOV-11	R2292752
Lithium (Li)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292752
Magnesium (Mg)-Total	182		1.0	mg/kg		24-NOV-11	R2292752

\* Refer to Referenced Information for Qualifiers (if any) and Methodology.

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-58 L195817-22 2004 LKTR LIVER CL1 LIVER							
Sampled By: CLIENT on 07-MAY-07							
Matrix: TISSUE							
<b>Metals in Tissue by ICPMS wet weight</b>							
Manganese (Mn)-Total	1.38	0.010	mg/kg		24-NOV-11	R2292752	
Molybdenum (Mo)-Total	0.154	0.010	mg/kg		24-NOV-11	R2292752	
Nickel (Ni)-Total	0.21	0.10	mg/kg		24-NOV-11	R2292752	
Selenium (Se)-Total	1.61	0.20	mg/kg		24-NOV-11	R2292752	
Strontium (Sr)-Total	0.074	0.010	mg/kg		24-NOV-11	R2292752	
Thallium (Tl)-Total	0.058	0.010	mg/kg		24-NOV-11	R2292752	
Tin (Sn)-Total	<0.050	0.050	mg/kg		24-NOV-11	R2292752	
Uranium (U)-Total	<0.0020	0.0020	mg/kg		24-NOV-11	R2292752	
Vanadium (V)-Total	<0.10	0.10	mg/kg		24-NOV-11	R2292752	
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	<2.0	2.0	mg/kg		23-NOV-11	R2293595	
Calcium (Ca)-Total	46.0	2.0	mg/kg		23-NOV-11	R2293595	
Chromium (Cr)-Total	0.29	0.10	mg/kg		23-NOV-11	R2293595	
Iron (Fe)-Total	618	1.0	mg/kg		23-NOV-11	R2293595	
Phosphorus (P)-Total	3810	5.0	mg/kg		23-NOV-11	R2293595	
Potassium (K)-Total	3790	20	mg/kg		23-NOV-11	R2293595	
Sodium (Na)-Total	1140	20	mg/kg		23-NOV-11	R2293595	
Titanium (Ti)-Total	<0.10	0.10	mg/kg		23-NOV-11	R2293595	
Zinc (Zn)-Total	31.9	0.10	mg/kg		23-NOV-11	R2293595	
<b>Miscellaneous Parameters</b>							
% Moisture	77.1	0.10	%		01-DEC-11	R2296026	
Mercury (Hg)-Total	1.59	0.0020	mg/kg	17-NOV-11	25-NOV-11	R2293324	
Silver (Ag)-Total	0.103	0.050	mg/kg		24-NOV-11	R2292752	
L1072670-59 L195817-24 2004 LKTR LIVER CL2 LIVER							
Sampled By: CLIENT on 07-MAY-07							
Matrix: TISSUE							
<b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>							
<b>Metals in Tissue by ICPMS wet weight</b>							
Antimony (Sb)-Total	<0.010	0.010	mg/kg		24-NOV-11	R2292752	
Arsenic (As)-Total	0.052	0.010	mg/kg		24-NOV-11	R2292752	
Barium (Ba)-Total	0.023	0.020	mg/kg		24-NOV-11	R2292752	
Beryllium (Be)-Total	<0.10	0.10	mg/kg		24-NOV-11	R2292752	
Bismuth (Bi)-Total	<0.060	0.060	mg/kg		24-NOV-11	R2292752	
Cadmium (Cd)-Total	0.155	0.0060	mg/kg		24-NOV-11	R2292752	
Cobalt (Co)-Total	0.148	0.020	mg/kg		24-NOV-11	R2292752	
Copper (Cu)-Total	18.5	0.040	mg/kg		24-NOV-11	R2292752	
Lead (Pb)-Total	<0.020	0.020	mg/kg		24-NOV-11	R2292752	
Lithium (Li)-Total	<0.10	0.10	mg/kg		24-NOV-11	R2292752	
Magnesium (Mg)-Total	200	1.0	mg/kg		24-NOV-11	R2292752	
Manganese (Mn)-Total	1.87	0.010	mg/kg		24-NOV-11	R2292752	
Molybdenum (Mo)-Total	0.148	0.010	mg/kg		24-NOV-11	R2292752	
Nickel (Ni)-Total	<0.10	0.10	mg/kg		24-NOV-11	R2292752	
Selenium (Se)-Total	1.74	0.20	mg/kg		24-NOV-11	R2292752	
Strontium (Sr)-Total	0.121	0.010	mg/kg		24-NOV-11	R2292752	
Thallium (Tl)-Total	0.064	0.010	mg/kg		24-NOV-11	R2292752	
Tin (Sn)-Total	<0.050	0.050	mg/kg		24-NOV-11	R2292752	
Uranium (U)-Total	<0.0020	0.0020	mg/kg		24-NOV-11	R2292752	
Vanadium (V)-Total	<0.10	0.10	mg/kg		24-NOV-11	R2292752	
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	<2.0	2.0	mg/kg		23-NOV-11	R2293595	
Calcium (Ca)-Total	74.5	2.0	mg/kg		23-NOV-11	R2293595	

\* Refer to Referenced Information for Qualifiers (if any) and Methodology.

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-59 L195817-24 2004 LKTR LIVER CL2 LIVER							
Sampled By: CLIENT on 07-MAY-07							
Matrix: TISSUE							
<b>Metals in Tissue by ICPOES wet weight</b>							
Chromium (Cr)-Total	0.11		0.10	mg/kg		23-NOV-11	R2293595
Iron (Fe)-Total	355		1.0	mg/kg		23-NOV-11	R2293595
Phosphorus (P)-Total	4140		5.0	mg/kg		23-NOV-11	R2293595
Potassium (K)-Total	3250		20	mg/kg		23-NOV-11	R2293595
Sodium (Na)-Total	1080		20	mg/kg		23-NOV-11	R2293595
Titanium (Ti)-Total	<0.10		0.10	mg/kg		23-NOV-11	R2293595
Zinc (Zn)-Total	38.9		0.10	mg/kg		23-NOV-11	R2293595
<b>Miscellaneous Parameters</b>							
Mercury (Hg)-Total	0.807		0.0020	mg/kg	17-NOV-11	25-NOV-11	R2293324
Silver (Ag)-Total	0.148		0.050	mg/kg		24-NOV-11	R2292752
L1072670-60 L195817-26 2004 LKTR LIVER CL3 LIVER							
Sampled By: CLIENT on 07-MAY-07							
Matrix: TISSUE							
<b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>							
<b>Metals in Tissue by ICPMS wet weight</b>							
Antimony (Sb)-Total	<0.010		0.010	mg/kg		26-NOV-11	R2293731
Arsenic (As)-Total	0.042		0.010	mg/kg		26-NOV-11	R2293731
Barium (Ba)-Total	<0.020		0.020	mg/kg		26-NOV-11	R2293731
Beryllium (Be)-Total	<0.10		0.10	mg/kg		26-NOV-11	R2293731
Bismuth (Bi)-Total	<0.060		0.060	mg/kg		26-NOV-11	R2293731
Cadmium (Cd)-Total	0.312		0.0060	mg/kg		26-NOV-11	R2293731
Cobalt (Co)-Total	0.104		0.020	mg/kg		26-NOV-11	R2293731
Copper (Cu)-Total	8.86		0.040	mg/kg		26-NOV-11	R2293731
Lead (Pb)-Total	<0.020		0.020	mg/kg		26-NOV-11	R2293731
Lithium (Li)-Total	<0.10		0.10	mg/kg		26-NOV-11	R2293731
Magnesium (Mg)-Total	176		1.0	mg/kg		26-NOV-11	R2293731
Manganese (Mn)-Total	1.46		0.010	mg/kg		26-NOV-11	R2293731
Molybdenum (Mo)-Total	0.127		0.010	mg/kg		26-NOV-11	R2293731
Nickel (Ni)-Total	<0.10		0.10	mg/kg		26-NOV-11	R2293731
Selenium (Se)-Total	2.66		0.20	mg/kg		26-NOV-11	R2293731
Strontium (Sr)-Total	0.095		0.010	mg/kg		26-NOV-11	R2293731
Thallium (Tl)-Total	0.142		0.010	mg/kg		26-NOV-11	R2293731
Tin (Sn)-Total	<0.050		0.050	mg/kg		26-NOV-11	R2293731
Uranium (U)-Total	<0.0020		0.0020	mg/kg		26-NOV-11	R2293731
Vanadium (V)-Total	<0.10		0.10	mg/kg		26-NOV-11	R2293731
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	<2.0		2.0	mg/kg		25-NOV-11	R2293678
Calcium (Ca)-Total	48.7		2.0	mg/kg		25-NOV-11	R2293678
Chromium (Cr)-Total	<0.10		0.10	mg/kg		25-NOV-11	R2293678
Iron (Fe)-Total	522		1.0	mg/kg		25-NOV-11	R2293678
Phosphorus (P)-Total	3860		5.0	mg/kg		25-NOV-11	R2293678
Potassium (K)-Total	3490		20	mg/kg		25-NOV-11	R2293678
Sodium (Na)-Total	1170		20	mg/kg		25-NOV-11	R2293678
Titanium (Ti)-Total	<0.10		0.10	mg/kg		25-NOV-11	R2293678
Zinc (Zn)-Total	28.2		0.10	mg/kg		25-NOV-11	R2293678
<b>Miscellaneous Parameters</b>							
% Moisture	74.3		0.10	%		01-DEC-11	R2296026
Mercury (Hg)-Total	3.62		0.0020	mg/kg	23-NOV-11	29-NOV-11	R2294692
Silver (Ag)-Total	<0.050		0.050	mg/kg		26-NOV-11	R2293731

\* Refer to Referenced Information for Qualifiers (if any) and Methodology.

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-61 L195817-28 2004 LKTR LIVER CL4 LIVER							
Sampled By: CLIENT on 07-MAY-07							
Matrix: TISSUE							
<b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>							
<b>Metals in Tissue by ICPMS wet weight</b>							
Antimony (Sb)-Total	<0.010		0.010	mg/kg		24-NOV-11	R2292752
Arsenic (As)-Total	0.046		0.010	mg/kg		24-NOV-11	R2292752
Barium (Ba)-Total	<0.020		0.020	mg/kg		24-NOV-11	R2292752
Beryllium (Be)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292752
Bismuth (Bi)-Total	<0.060		0.060	mg/kg		24-NOV-11	R2292752
Cadmium (Cd)-Total	0.219		0.0060	mg/kg		24-NOV-11	R2292752
Cobalt (Co)-Total	0.125		0.020	mg/kg		24-NOV-11	R2292752
Copper (Cu)-Total	17.6		0.040	mg/kg		24-NOV-11	R2292752
Lead (Pb)-Total	<0.020		0.020	mg/kg		24-NOV-11	R2292752
Lithium (Li)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292752
Magnesium (Mg)-Total	176		1.0	mg/kg		24-NOV-11	R2292752
Manganese (Mn)-Total	2.01		0.010	mg/kg		24-NOV-11	R2292752
Molybdenum (Mo)-Total	0.158		0.010	mg/kg		24-NOV-11	R2292752
Nickel (Ni)-Total	0.75		0.10	mg/kg		24-NOV-11	R2292752
Selenium (Se)-Total	1.06		0.20	mg/kg		24-NOV-11	R2292752
Strontium (Sr)-Total	0.086		0.010	mg/kg		24-NOV-11	R2292752
Thallium (Tl)-Total	0.031		0.010	mg/kg		24-NOV-11	R2292752
Tin (Sn)-Total	<0.050		0.050	mg/kg		24-NOV-11	R2292752
Uranium (U)-Total	<0.0020		0.0020	mg/kg		24-NOV-11	R2292752
Vanadium (V)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292752
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	<2.0		2.0	mg/kg		23-NOV-11	R2293595
Calcium (Ca)-Total	49.6		2.0	mg/kg		23-NOV-11	R2293595
Chromium (Cr)-Total	0.15		0.10	mg/kg		23-NOV-11	R2293595
Iron (Fe)-Total	493		1.0	mg/kg		23-NOV-11	R2293595
Phosphorus (P)-Total	3260		5.0	mg/kg		23-NOV-11	R2293595
Potassium (K)-Total	2810		20	mg/kg		23-NOV-11	R2293595
Sodium (Na)-Total	1200		20	mg/kg		23-NOV-11	R2293595
Titanium (Ti)-Total	<0.10		0.10	mg/kg		23-NOV-11	R2293595
Zinc (Zn)-Total	33.6		0.10	mg/kg		23-NOV-11	R2293595
<b>Miscellaneous Parameters</b>							
Mercury (Hg)-Total	0.545		0.0020	mg/kg	17-NOV-11	25-NOV-11	R2293324
Silver (Ag)-Total	0.096		0.050	mg/kg		24-NOV-11	R2292752
L1072670-62 L195817-30 2004 LKTR LIVER CL5 LIVER							
Sampled By: CLIENT on 07-MAY-07							
Matrix: TISSUE							
<b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>							
<b>Metals in Tissue by ICPMS wet weight</b>							
Antimony (Sb)-Total	<0.010		0.010	mg/kg		24-NOV-11	R2292752
Arsenic (As)-Total	0.044		0.010	mg/kg		24-NOV-11	R2292752
Barium (Ba)-Total	<0.020		0.020	mg/kg		24-NOV-11	R2292752
Beryllium (Be)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292752
Bismuth (Bi)-Total	<0.060		0.060	mg/kg		24-NOV-11	R2292752
Cadmium (Cd)-Total	0.255		0.0060	mg/kg		24-NOV-11	R2292752
Cobalt (Co)-Total	0.196		0.020	mg/kg		24-NOV-11	R2292752
Copper (Cu)-Total	6.16		0.040	mg/kg		24-NOV-11	R2292752
Lead (Pb)-Total	<0.020		0.020	mg/kg		24-NOV-11	R2292752
Lithium (Li)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292752
Magnesium (Mg)-Total	195		1.0	mg/kg		24-NOV-11	R2292752
Manganese (Mn)-Total	1.66		0.010	mg/kg		24-NOV-11	R2292752

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-62 L195817-30 2004 LKTR LIVER CL5 LIVER							
Sampled By: CLIENT on 07-MAY-07							
Matrix: TISSUE							
<b>Metals in Tissue by ICPMS wet weight</b>							
Molybdenum (Mo)-Total	0.202		0.010	mg/kg		24-NOV-11	R2292752
Nickel (Ni)-Total	0.23		0.10	mg/kg		24-NOV-11	R2292752
Selenium (Se)-Total	2.25		0.20	mg/kg		24-NOV-11	R2292752
Strontium (Sr)-Total	0.131		0.010	mg/kg		24-NOV-11	R2292752
Thallium (Tl)-Total	0.073		0.010	mg/kg		24-NOV-11	R2292752
Tin (Sn)-Total	<0.050		0.050	mg/kg		24-NOV-11	R2292752
Uranium (U)-Total	<0.0020		0.0020	mg/kg		24-NOV-11	R2292752
Vanadium (V)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292752
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	<2.0		2.0	mg/kg		23-NOV-11	R2293595
Calcium (Ca)-Total	96.1		2.0	mg/kg		23-NOV-11	R2293595
Chromium (Cr)-Total	0.22		0.10	mg/kg		23-NOV-11	R2293595
Iron (Fe)-Total	603		1.0	mg/kg		23-NOV-11	R2293595
Phosphorus (P)-Total	3600		5.0	mg/kg		23-NOV-11	R2293595
Potassium (K)-Total	3140		20	mg/kg		23-NOV-11	R2293595
Sodium (Na)-Total	1250		20	mg/kg		23-NOV-11	R2293595
Titanium (Ti)-Total	<0.10		0.10	mg/kg		23-NOV-11	R2293595
Zinc (Zn)-Total	32.1		0.10	mg/kg		23-NOV-11	R2293595
<b>Miscellaneous Parameters</b>							
% Moisture	74.4		0.10	%		01-DEC-11	R2296026
Mercury (Hg)-Total	0.801		0.0020	mg/kg	17-NOV-11	25-NOV-11	R2293324
Silver (Ag)-Total	<0.050		0.050	mg/kg		24-NOV-11	R2292752
L1072670-63 L195817-32 2004 LKTR LIVER CL6 LIVER							
Sampled By: CLIENT on 07-MAY-07							
Matrix: TISSUE							
<b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>							
<b>Metals in Tissue by ICPMS wet weight</b>							
Antimony (Sb)-Total	<0.010		0.010	mg/kg		26-NOV-11	R2293731
Arsenic (As)-Total	0.034		0.010	mg/kg		26-NOV-11	R2293731
Barium (Ba)-Total	0.026		0.020	mg/kg		26-NOV-11	R2293731
Beryllium (Be)-Total	<0.10		0.10	mg/kg		26-NOV-11	R2293731
Bismuth (Bi)-Total	<0.060		0.060	mg/kg		26-NOV-11	R2293731
Cadmium (Cd)-Total	0.212		0.0060	mg/kg		26-NOV-11	R2293731
Cobalt (Co)-Total	0.115		0.020	mg/kg		26-NOV-11	R2293731
Copper (Cu)-Total	23.3		0.040	mg/kg		26-NOV-11	R2293731
Lead (Pb)-Total	<0.020		0.020	mg/kg		26-NOV-11	R2293731
Lithium (Li)-Total	<0.10		0.10	mg/kg		26-NOV-11	R2293731
Magnesium (Mg)-Total	195		1.0	mg/kg		26-NOV-11	R2293731
Manganese (Mn)-Total	1.94		0.010	mg/kg		26-NOV-11	R2293731
Molybdenum (Mo)-Total	0.198		0.010	mg/kg		26-NOV-11	R2293731
Nickel (Ni)-Total	<0.10		0.10	mg/kg		26-NOV-11	R2293731
Selenium (Se)-Total	1.53		0.20	mg/kg		26-NOV-11	R2293731
Strontium (Sr)-Total	0.089		0.010	mg/kg		26-NOV-11	R2293731
Thallium (Tl)-Total	0.083		0.010	mg/kg		26-NOV-11	R2293731
Tin (Sn)-Total	<0.050		0.050	mg/kg		26-NOV-11	R2293731
Uranium (U)-Total	<0.0020		0.0020	mg/kg		26-NOV-11	R2293731
Vanadium (V)-Total	<0.10		0.10	mg/kg		26-NOV-11	R2293731
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	<2.0		2.0	mg/kg		25-NOV-11	R2293678
Calcium (Ca)-Total	50.7		2.0	mg/kg		25-NOV-11	R2293678
Chromium (Cr)-Total	<0.10		0.10	mg/kg		25-NOV-11	R2293678

\* Refer to Referenced Information for Qualifiers (if any) and Methodology.

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-63 L195817-32 2004 LKTR LIVER CL6 LIVER Sampled By: CLIENT on 07-MAY-07 Matrix: TISSUE <b>Metals in Tissue by ICPOES wet weight</b> Iron (Fe)-Total 597 1.0 mg/kg 25-NOV-11 R2293678 Phosphorus (P)-Total 4720 5.0 mg/kg 25-NOV-11 R2293678 Potassium (K)-Total 4390 20 mg/kg 25-NOV-11 R2293678 Sodium (Na)-Total 919 20 mg/kg 25-NOV-11 R2293678 Titanium (Ti)-Total <0.10 0.10 mg/kg 25-NOV-11 R2293678 Zinc (Zn)-Total 47.8 0.10 mg/kg 25-NOV-11 R2293678 <b>Miscellaneous Parameters</b> Mercury (Hg)-Total 0.254 0.0020 mg/kg 23-NOV-11 29-NOV-11 R2294692 Silver (Ag)-Total 0.095 0.050 mg/kg 26-NOV-11 R2293731							
L1072670-64 L195817-34 2004 LKTR LIVER CL7 LIVER Sampled By: CLIENT on 07-MAY-07 Matrix: TISSUE <b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b> <b>Metals in Tissue by ICPMS wet weight</b> Antimony (Sb)-Total <0.010 0.010 mg/kg 26-NOV-11 R2293731 Arsenic (As)-Total 0.039 0.010 mg/kg 26-NOV-11 R2293731 Barium (Ba)-Total <0.020 0.020 mg/kg 26-NOV-11 R2293731 Beryllium (Be)-Total <0.10 0.10 mg/kg 26-NOV-11 R2293731 Bismuth (Bi)-Total <0.060 0.060 mg/kg 26-NOV-11 R2293731 Cadmium (Cd)-Total 0.119 0.0060 mg/kg 26-NOV-11 R2293731 Cobalt (Co)-Total 0.179 0.020 mg/kg 26-NOV-11 R2293731 Copper (Cu)-Total 12.4 0.040 mg/kg 26-NOV-11 R2293731 Lead (Pb)-Total <0.020 0.020 mg/kg 26-NOV-11 R2293731 Lithium (Li)-Total <0.10 0.10 mg/kg 26-NOV-11 R2293731 Magnesium (Mg)-Total 199 1.0 mg/kg 26-NOV-11 R2293731 Manganese (Mn)-Total 1.97 0.010 mg/kg 26-NOV-11 R2293731 Molybdenum (Mo)-Total 0.166 0.010 mg/kg 26-NOV-11 R2293731 Nickel (Ni)-Total <0.10 0.10 mg/kg 26-NOV-11 R2293731 Selenium (Se)-Total 1.94 0.20 mg/kg 26-NOV-11 R2293731 Strontium (Sr)-Total 0.201 0.010 mg/kg 26-NOV-11 R2293731 Thallium (Tl)-Total 0.087 0.010 mg/kg 26-NOV-11 R2293731 Tin (Sn)-Total <0.050 0.050 mg/kg 26-NOV-11 R2293731 Uranium (U)-Total <0.0020 0.0020 mg/kg 26-NOV-11 R2293731 Vanadium (V)-Total <0.10 0.10 mg/kg 26-NOV-11 R2293731 <b>Metals in Tissue by ICPOES wet weight</b> Aluminum (Al)-Total <2.0 2.0 mg/kg 25-NOV-11 R2293678 Calcium (Ca)-Total 108 2.0 mg/kg 25-NOV-11 R2293678 Chromium (Cr)-Total <0.10 0.10 mg/kg 25-NOV-11 R2293678 Iron (Fe)-Total 508 1.0 mg/kg 25-NOV-11 R2293678 Phosphorus (P)-Total 4110 5.0 mg/kg 25-NOV-11 R2293678 Potassium (K)-Total 3510 20 mg/kg 25-NOV-11 R2293678 Sodium (Na)-Total 1120 20 mg/kg 25-NOV-11 R2293678 Titanium (Ti)-Total <0.10 0.10 mg/kg 25-NOV-11 R2293678 Zinc (Zn)-Total 38.0 0.10 mg/kg 25-NOV-11 R2293678 <b>Miscellaneous Parameters</b> Mercury (Hg)-Total 0.326 0.0020 mg/kg 23-NOV-11 29-NOV-11 R2294692 Silver (Ag)-Total 0.067 0.050 mg/kg 26-NOV-11 R2293731							
L1072670-65 L195817-36 2004 LKTR LIVER CL8 LIVER Sampled By: CLIENT on 07-MAY-07 Matrix: TISSUE							

\* Refer to Referenced Information for Qualifiers (if any) and Methodology.

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-65 L195817-36 2004 LKTR LIVER CL8 LIVER							
Sampled By: CLIENT on 07-MAY-07							
Matrix: TISSUE							
<b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>							
<b>Metals in Tissue by ICPMS wet weight</b>							
Antimony (Sb)-Total	<0.010		0.010	mg/kg		24-NOV-11	R2292752
Arsenic (As)-Total	0.044		0.010	mg/kg		24-NOV-11	R2292752
Barium (Ba)-Total	0.025		0.020	mg/kg		24-NOV-11	R2292752
Beryllium (Be)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292752
Bismuth (Bi)-Total	<0.060		0.060	mg/kg		24-NOV-11	R2292752
Cadmium (Cd)-Total	0.0985		0.0060	mg/kg		24-NOV-11	R2292752
Cobalt (Co)-Total	0.160		0.020	mg/kg		24-NOV-11	R2292752
Copper (Cu)-Total	11.4		0.040	mg/kg		24-NOV-11	R2292752
Lead (Pb)-Total	<0.020		0.020	mg/kg		24-NOV-11	R2292752
Lithium (Li)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292752
Magnesium (Mg)-Total	170		1.0	mg/kg		24-NOV-11	R2292752
Manganese (Mn)-Total	1.29		0.010	mg/kg		24-NOV-11	R2292752
Molybdenum (Mo)-Total	0.186		0.010	mg/kg		24-NOV-11	R2292752
Nickel (Ni)-Total	0.14		0.10	mg/kg		24-NOV-11	R2292752
Selenium (Se)-Total	1.84		0.20	mg/kg		24-NOV-11	R2292752
Strontium (Sr)-Total	0.070		0.010	mg/kg		24-NOV-11	R2292752
Thallium (Tl)-Total	0.087		0.010	mg/kg		24-NOV-11	R2292752
Tin (Sn)-Total	<0.050		0.050	mg/kg		24-NOV-11	R2292752
Uranium (U)-Total	<0.0020		0.0020	mg/kg		24-NOV-11	R2292752
Vanadium (V)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292752
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	<2.0		2.0	mg/kg		23-NOV-11	R2293595
Calcium (Ca)-Total	40.0		2.0	mg/kg		23-NOV-11	R2293595
Chromium (Cr)-Total	0.13		0.10	mg/kg		23-NOV-11	R2293595
Iron (Fe)-Total	378		1.0	mg/kg		23-NOV-11	R2293595
Phosphorus (P)-Total	2980		5.0	mg/kg		23-NOV-11	R2293595
Potassium (K)-Total	2510		20	mg/kg		23-NOV-11	R2293595
Sodium (Na)-Total	1030		20	mg/kg		23-NOV-11	R2293595
Titanium (Ti)-Total	<0.10		0.10	mg/kg		23-NOV-11	R2293595
Zinc (Zn)-Total	39.5		0.10	mg/kg		23-NOV-11	R2293595
<b>Miscellaneous Parameters</b>							
Mercury (Hg)-Total	0.425		0.0020	mg/kg	17-NOV-11	25-NOV-11	R2293324
Silver (Ag)-Total	0.090		0.050	mg/kg		24-NOV-11	R2292752
L1072670-66 L195817-38 2004 LKTR LIVER CL9 LIVER							
Sampled By: CLIENT on 07-MAY-07							
Matrix: TISSUE							
<b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>							
<b>Metals in Tissue by ICPMS wet weight</b>							
Antimony (Sb)-Total	<0.010		0.010	mg/kg		26-NOV-11	R2293731
Arsenic (As)-Total	0.041		0.010	mg/kg		26-NOV-11	R2293731
Barium (Ba)-Total	0.024		0.020	mg/kg		26-NOV-11	R2293731
Beryllium (Be)-Total	<0.10		0.10	mg/kg		26-NOV-11	R2293731
Bismuth (Bi)-Total	<0.060		0.060	mg/kg		26-NOV-11	R2293731
Cadmium (Cd)-Total	0.243		0.0060	mg/kg		26-NOV-11	R2293731
Cobalt (Co)-Total	0.096		0.020	mg/kg		26-NOV-11	R2293731
Copper (Cu)-Total	21.0		0.040	mg/kg		26-NOV-11	R2293731
Lead (Pb)-Total	<0.020		0.020	mg/kg		26-NOV-11	R2293731
Lithium (Li)-Total	<0.10		0.10	mg/kg		26-NOV-11	R2293731
Magnesium (Mg)-Total	204		1.0	mg/kg		26-NOV-11	R2293731
Manganese (Mn)-Total	2.10		0.010	mg/kg		26-NOV-11	R2293731

\* Refer to Referenced Information for Qualifiers (if any) and Methodology.

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-66 L195817-38 2004 LKTR LIVER CL9 LIVER							
Sampled By: CLIENT on 07-MAY-07							
Matrix: TISSUE							
<b>Metals in Tissue by ICPMS wet weight</b>							
Molybdenum (Mo)-Total	0.214		0.010	mg/kg		26-NOV-11	R2293731
Nickel (Ni)-Total	<0.10		0.10	mg/kg		26-NOV-11	R2293731
Selenium (Se)-Total	1.76		0.20	mg/kg		26-NOV-11	R2293731
Strontium (Sr)-Total	0.385		0.010	mg/kg		26-NOV-11	R2293731
Thallium (Tl)-Total	0.083		0.010	mg/kg		26-NOV-11	R2293731
Tin (Sn)-Total	<0.050		0.050	mg/kg		26-NOV-11	R2293731
Uranium (U)-Total	<0.0020		0.0020	mg/kg		26-NOV-11	R2293731
Vanadium (V)-Total	<0.10		0.10	mg/kg		26-NOV-11	R2293731
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	<2.0		2.0	mg/kg		25-NOV-11	R2293678
Calcium (Ca)-Total	222		2.0	mg/kg		25-NOV-11	R2293678
Chromium (Cr)-Total	<0.10		0.10	mg/kg		25-NOV-11	R2293678
Iron (Fe)-Total	943		1.0	mg/kg		25-NOV-11	R2293678
Phosphorus (P)-Total	3880		5.0	mg/kg		25-NOV-11	R2293678
Potassium (K)-Total	3670		20	mg/kg		25-NOV-11	R2293678
Sodium (Na)-Total	947		20	mg/kg		25-NOV-11	R2293678
Titanium (Ti)-Total	<0.10		0.10	mg/kg		25-NOV-11	R2293678
Zinc (Zn)-Total	41.5		0.10	mg/kg		25-NOV-11	R2293678
<b>Miscellaneous Parameters</b>							
Mercury (Hg)-Total	0.785		0.0020	mg/kg	23-NOV-11	29-NOV-11	R2294692
Silver (Ag)-Total	0.160		0.050	mg/kg		26-NOV-11	R2293731
L1072670-67 L195817-40 2004 LKTR LIVER CL10 LIVER							
Sampled By: CLIENT on 07-MAY-07							
Matrix: TISSUE							
<b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>							
<b>Metals in Tissue by ICPMS wet weight</b>							
Antimony (Sb)-Total	<0.020	DLIS	0.020	mg/kg		24-NOV-11	R2292752
Arsenic (As)-Total	0.087	DLIS	0.020	mg/kg		24-NOV-11	R2292752
Barium (Ba)-Total	0.070	DLIS	0.040	mg/kg		24-NOV-11	R2292752
Beryllium (Be)-Total	<0.20	DLIS	0.20	mg/kg		24-NOV-11	R2292752
Bismuth (Bi)-Total	<0.12	DLIS	0.12	mg/kg		24-NOV-11	R2292752
Cadmium (Cd)-Total	0.150	DLIS	0.012	mg/kg		24-NOV-11	R2292752
Cobalt (Co)-Total	0.274	DLIS	0.040	mg/kg		24-NOV-11	R2292752
Copper (Cu)-Total	50.1	DLIS	0.080	mg/kg		24-NOV-11	R2292752
Lead (Pb)-Total	<0.040	DLIS	0.040	mg/kg		24-NOV-11	R2292752
Lithium (Li)-Total	<0.20	DLIS	0.20	mg/kg		24-NOV-11	R2292752
Magnesium (Mg)-Total	192	DLIS	2.0	mg/kg		24-NOV-11	R2292752
Manganese (Mn)-Total	2.88	DLIS	0.020	mg/kg		24-NOV-11	R2292752
Molybdenum (Mo)-Total	0.320	DLIS	0.020	mg/kg		24-NOV-11	R2292752
Nickel (Ni)-Total	0.67	DLIS	0.20	mg/kg		24-NOV-11	R2292752
Selenium (Se)-Total	2.41	DLIS	0.40	mg/kg		24-NOV-11	R2292752
Strontium (Sr)-Total	0.135	DLIS	0.020	mg/kg		24-NOV-11	R2292752
Thallium (Tl)-Total	0.066	DLIS	0.020	mg/kg		24-NOV-11	R2292752
Tin (Sn)-Total	<0.10	DLIS	0.10	mg/kg		24-NOV-11	R2292752
Uranium (U)-Total	<0.0040	DLIS	0.0040	mg/kg		24-NOV-11	R2292752
Vanadium (V)-Total	<0.20	DLIS	0.20	mg/kg		24-NOV-11	R2292752
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	<4.0	DLIS	4.0	mg/kg		23-NOV-11	R2293595
Calcium (Ca)-Total	77.4	DLIS	4.0	mg/kg		23-NOV-11	R2293595
Chromium (Cr)-Total	0.99	DLIS	0.20	mg/kg		23-NOV-11	R2293595
Iron (Fe)-Total	914	DLIS	2.0	mg/kg		23-NOV-11	R2293595

\* Refer to Referenced Information for Qualifiers (if any) and Methodology.

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-67 L195817-40 2004 LKTR LIVER CL10 LIVER Sampled By: CLIENT on 07-MAY-07 Matrix: TISSUE <b>Metals in Tissue by ICPOES wet weight</b> Phosphorus (P)-Total 3760 5.0 mg/kg 23-NOV-11 R2293595 Potassium (K)-Total 3200 20 mg/kg 23-NOV-11 R2293595 Sodium (Na)-Total 1130 DLIS 40 mg/kg 23-NOV-11 R2293595 Titanium (Ti)-Total <0.20 DLIS 0.20 mg/kg 23-NOV-11 R2293595 Zinc (Zn)-Total 49.1 DLIS 0.20 mg/kg 23-NOV-11 R2293595 <b>Miscellaneous Parameters</b> Mercury (Hg)-Total 0.419 0.0020 mg/kg 17-NOV-11 25-NOV-11 R2293324 Silver (Ag)-Total 0.31 DLIS 0.10 mg/kg 24-NOV-11 R2292752							
L1072670-68 L195817-42 2004 LKTR LIVER L410-5 LIVER Sampled By: CLIENT on 07-MAY-07 Matrix: TISSUE <b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b> <b>Metals in Tissue by ICPMS wet weight</b> Antimony (Sb)-Total <0.010 0.010 mg/kg 24-NOV-11 R2292752 Arsenic (As)-Total 0.072 0.010 mg/kg 24-NOV-11 R2292752 Barium (Ba)-Total <0.020 0.020 mg/kg 24-NOV-11 R2292752 Beryllium (Be)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292752 Bismuth (Bi)-Total <0.060 0.060 mg/kg 24-NOV-11 R2292752 Cadmium (Cd)-Total 0.231 0.0060 mg/kg 24-NOV-11 R2292752 Cobalt (Co)-Total 0.110 0.020 mg/kg 24-NOV-11 R2292752 Copper (Cu)-Total 18.2 0.040 mg/kg 24-NOV-11 R2292752 Lead (Pb)-Total <0.020 0.020 mg/kg 24-NOV-11 R2292752 Lithium (Li)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292752 Magnesium (Mg)-Total 205 1.0 mg/kg 24-NOV-11 R2292752 Manganese (Mn)-Total 1.81 0.010 mg/kg 24-NOV-11 R2292752 Molybdenum (Mo)-Total 0.343 0.010 mg/kg 24-NOV-11 R2292752 Nickel (Ni)-Total 1.02 0.10 mg/kg 24-NOV-11 R2292752 Selenium (Se)-Total 2.57 0.20 mg/kg 24-NOV-11 R2292752 Strontium (Sr)-Total 0.277 0.010 mg/kg 24-NOV-11 R2292752 Thallium (Tl)-Total 0.135 0.010 mg/kg 24-NOV-11 R2292752 Tin (Sn)-Total <0.050 0.050 mg/kg 24-NOV-11 R2292752 Uranium (U)-Total <0.0020 0.0020 mg/kg 24-NOV-11 R2292752 Vanadium (V)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292752 <b>Metals in Tissue by ICPOES wet weight</b> Aluminum (Al)-Total <2.0 2.0 mg/kg 23-NOV-11 R2293595 Calcium (Ca)-Total 178 2.0 mg/kg 23-NOV-11 R2293595 Chromium (Cr)-Total 1.16 0.10 mg/kg 23-NOV-11 R2293595 Iron (Fe)-Total 1070 1.0 mg/kg 23-NOV-11 R2293595 Phosphorus (P)-Total 3640 5.0 mg/kg 23-NOV-11 R2293595 Potassium (K)-Total 3100 20 mg/kg 23-NOV-11 R2293595 Sodium (Na)-Total 1200 20 mg/kg 23-NOV-11 R2293595 Titanium (Ti)-Total <0.10 0.10 mg/kg 23-NOV-11 R2293595 Zinc (Zn)-Total 38.8 0.10 mg/kg 23-NOV-11 R2293595 <b>Miscellaneous Parameters</b> Mercury (Hg)-Total 1.59 0.0020 mg/kg 17-NOV-11 25-NOV-11 R2293324 Silver (Ag)-Total 0.164 0.050 mg/kg 24-NOV-11 R2292752							
L1072670-69 L195817-44 2004 LKTR LIVER L410-6 LIVER Sampled By: CLIENT on 07-MAY-07 Matrix: TISSUE <b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>							

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-69 L195817-44 2004 LKTR LIVER L410-6 LIVER							
Sampled By: CLIENT on 07-MAY-07							
Matrix: TISSUE							
<b>Metals in Tissue by ICPMS wet weight</b>							
Antimony (Sb)-Total	<0.010		0.010	mg/kg		26-NOV-11	R2293731
Arsenic (As)-Total	0.028		0.010	mg/kg		26-NOV-11	R2293731
Barium (Ba)-Total	<0.020		0.020	mg/kg		26-NOV-11	R2293731
Beryllium (Be)-Total	<0.10		0.10	mg/kg		26-NOV-11	R2293731
Bismuth (Bi)-Total	<0.060		0.060	mg/kg		26-NOV-11	R2293731
Cadmium (Cd)-Total	0.104		0.0060	mg/kg		26-NOV-11	R2293731
Cobalt (Co)-Total	0.193		0.020	mg/kg		26-NOV-11	R2293731
Copper (Cu)-Total	9.20		0.040	mg/kg		26-NOV-11	R2293731
Lead (Pb)-Total	<0.020		0.020	mg/kg		26-NOV-11	R2293731
Lithium (Li)-Total	<0.10		0.10	mg/kg		26-NOV-11	R2293731
Magnesium (Mg)-Total	199		1.0	mg/kg		26-NOV-11	R2293731
Manganese (Mn)-Total	1.67		0.010	mg/kg		26-NOV-11	R2293731
Molybdenum (Mo)-Total	0.141		0.010	mg/kg		26-NOV-11	R2293731
Nickel (Ni)-Total	<0.10		0.10	mg/kg		26-NOV-11	R2293731
Selenium (Se)-Total	2.02		0.20	mg/kg		26-NOV-11	R2293731
Strontium (Sr)-Total	0.254		0.010	mg/kg		26-NOV-11	R2293731
Thallium (Tl)-Total	0.058		0.010	mg/kg		26-NOV-11	R2293731
Tin (Sn)-Total	<0.050		0.050	mg/kg		26-NOV-11	R2293731
Uranium (U)-Total	<0.0020		0.0020	mg/kg		26-NOV-11	R2293731
Vanadium (V)-Total	<0.10		0.10	mg/kg		26-NOV-11	R2293731
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	<2.0		2.0	mg/kg		25-NOV-11	R2293678
Calcium (Ca)-Total	131		2.0	mg/kg		25-NOV-11	R2293678
Chromium (Cr)-Total	<0.10		0.10	mg/kg		25-NOV-11	R2293678
Iron (Fe)-Total	323		1.0	mg/kg		25-NOV-11	R2293678
Phosphorus (P)-Total	3670		5.0	mg/kg		25-NOV-11	R2293678
Potassium (K)-Total	3010		20	mg/kg		25-NOV-11	R2293678
Sodium (Na)-Total	1090		20	mg/kg		25-NOV-11	R2293678
Titanium (Ti)-Total	<0.10		0.10	mg/kg		25-NOV-11	R2293678
Zinc (Zn)-Total	39.8		0.10	mg/kg		25-NOV-11	R2293678
<b>Miscellaneous Parameters</b>							
% Moisture	73.9		0.10	%		01-DEC-11	R2296026
Mercury (Hg)-Total	1.17		0.0020	mg/kg	23-NOV-11	29-NOV-11	R2294692
Silver (Ag)-Total	<0.050		0.050	mg/kg		26-NOV-11	R2293731
L1072670-70 L195817-46 2004 LKTR LIVER L410-7 LIVER							
Sampled By: CLIENT on 07-MAY-07							
Matrix: TISSUE							
<b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>							
<b>Metals in Tissue by ICPMS wet weight</b>							
Antimony (Sb)-Total	<0.010		0.010	mg/kg		24-NOV-11	R2292752
Arsenic (As)-Total	0.071		0.010	mg/kg		24-NOV-11	R2292752
Barium (Ba)-Total	<0.020		0.020	mg/kg		24-NOV-11	R2292752
Beryllium (Be)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292752
Bismuth (Bi)-Total	<0.060		0.060	mg/kg		24-NOV-11	R2292752
Cadmium (Cd)-Total	0.103		0.0060	mg/kg		24-NOV-11	R2292752
Cobalt (Co)-Total	0.195		0.020	mg/kg		24-NOV-11	R2292752
Copper (Cu)-Total	16.4		0.040	mg/kg		24-NOV-11	R2292752
Lead (Pb)-Total	<0.020		0.020	mg/kg		24-NOV-11	R2292752
Lithium (Li)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292752
Magnesium (Mg)-Total	172		1.0	mg/kg		24-NOV-11	R2292752
Manganese (Mn)-Total	3.10		0.010	mg/kg		24-NOV-11	R2292752

\* Refer to Referenced Information for Qualifiers (if any) and Methodology.

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-70 L195817-46 2004 LKTR LIVER L410-7 LIVER							
Sampled By: CLIENT on 07-MAY-07							
Matrix: TISSUE							
<b>Metals in Tissue by ICPMS wet weight</b>							
Molybdenum (Mo)-Total	0.189		0.010	mg/kg		24-NOV-11	R2292752
Nickel (Ni)-Total	0.21		0.10	mg/kg		24-NOV-11	R2292752
Selenium (Se)-Total	2.93		0.20	mg/kg		24-NOV-11	R2292752
Strontium (Sr)-Total	0.070		0.010	mg/kg		24-NOV-11	R2292752
Thallium (Tl)-Total	0.233		0.010	mg/kg		24-NOV-11	R2292752
Tin (Sn)-Total	<0.050		0.050	mg/kg		24-NOV-11	R2292752
Uranium (U)-Total	<0.0020		0.0020	mg/kg		24-NOV-11	R2292752
Vanadium (V)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292752
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	<2.0		2.0	mg/kg		23-NOV-11	R2293595
Calcium (Ca)-Total	45.1		2.0	mg/kg		23-NOV-11	R2293595
Chromium (Cr)-Total	0.21		0.10	mg/kg		23-NOV-11	R2293595
Iron (Fe)-Total	347		1.0	mg/kg		23-NOV-11	R2293595
Phosphorus (P)-Total	3570		5.0	mg/kg		23-NOV-11	R2293595
Potassium (K)-Total	2740		20	mg/kg		23-NOV-11	R2293595
Sodium (Na)-Total	1210		20	mg/kg		23-NOV-11	R2293595
Titanium (Ti)-Total	<0.10		0.10	mg/kg		23-NOV-11	R2293595
Zinc (Zn)-Total	35.9		0.10	mg/kg		23-NOV-11	R2293595
<b>Miscellaneous Parameters</b>							
Mercury (Hg)-Total	0.342		0.0020	mg/kg	17-NOV-11	25-NOV-11	R2293324
Silver (Ag)-Total	0.109		0.050	mg/kg		24-NOV-11	R2292752
L1072670-71 L195817-48 2004 LKTR LIVER L410-8 LIVER							
Sampled By: CLIENT on 07-MAY-07							
Matrix: TISSUE							
<b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>							
<b>Metals in Tissue by ICPMS wet weight</b>							
Antimony (Sb)-Total	<0.010		0.010	mg/kg		24-NOV-11	R2292752
Arsenic (As)-Total	0.062		0.010	mg/kg		24-NOV-11	R2292752
Barium (Ba)-Total	<0.020		0.020	mg/kg		24-NOV-11	R2292752
Beryllium (Be)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292752
Bismuth (Bi)-Total	<0.060		0.060	mg/kg		24-NOV-11	R2292752
Cadmium (Cd)-Total	0.145		0.0060	mg/kg		24-NOV-11	R2292752
Cobalt (Co)-Total	0.269		0.020	mg/kg		24-NOV-11	R2292752
Copper (Cu)-Total	18.5		0.040	mg/kg		24-NOV-11	R2292752
Lead (Pb)-Total	<0.020		0.020	mg/kg		24-NOV-11	R2292752
Lithium (Li)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292752
Magnesium (Mg)-Total	192		1.0	mg/kg		24-NOV-11	R2292752
Manganese (Mn)-Total	1.83		0.010	mg/kg		24-NOV-11	R2292752
Molybdenum (Mo)-Total	0.129		0.010	mg/kg		24-NOV-11	R2292752
Nickel (Ni)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292752
Selenium (Se)-Total	1.85		0.20	mg/kg		24-NOV-11	R2292752
Strontium (Sr)-Total	0.113		0.010	mg/kg		24-NOV-11	R2292752
Thallium (Tl)-Total	0.168		0.010	mg/kg		24-NOV-11	R2292752
Tin (Sn)-Total	<0.050		0.050	mg/kg		24-NOV-11	R2292752
Uranium (U)-Total	<0.0020		0.0020	mg/kg		24-NOV-11	R2292752
Vanadium (V)-Total	0.12		0.10	mg/kg		24-NOV-11	R2292752
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	2.0		2.0	mg/kg		23-NOV-11	R2293595
Calcium (Ca)-Total	63.6		2.0	mg/kg		23-NOV-11	R2293595
Chromium (Cr)-Total	<0.10		0.10	mg/kg		23-NOV-11	R2293595
Iron (Fe)-Total	620		1.0	mg/kg		23-NOV-11	R2293595

\* Refer to Referenced Information for Qualifiers (if any) and Methodology.

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-71 L195817-48 2004 LKTR LIVER L410-8 LIVER Sampled By: CLIENT on 07-MAY-07 Matrix: TISSUE <b>Metals in Tissue by ICPOES wet weight</b> Phosphorus (P)-Total 3890 5.0 mg/kg 23-NOV-11 R2293595 Potassium (K)-Total 3400 20 mg/kg 23-NOV-11 R2293595 Sodium (Na)-Total 1100 20 mg/kg 23-NOV-11 R2293595 Titanium (Ti)-Total <0.10 0.10 mg/kg 23-NOV-11 R2293595 Zinc (Zn)-Total 43.1 0.10 mg/kg 23-NOV-11 R2293595 <b>Miscellaneous Parameters</b> Mercury (Hg)-Total 0.677 0.0020 mg/kg 17-NOV-11 25-NOV-11 R2293324 Silver (Ag)-Total 0.149 0.050 mg/kg 24-NOV-11 R2292752							
L1072670-72 L195817-50 2004 LKTR LIVER KLA RELABELLED KL4 LIVER Sampled By: CLIENT on 07-MAY-07 Matrix: TISSUE <b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b> <b>Metals in Tissue by ICPMS wet weight</b> Antimony (Sb)-Total <0.010 0.010 mg/kg 25-NOV-11 R2292752 Arsenic (As)-Total 0.084 0.010 mg/kg 25-NOV-11 R2292752 Barium (Ba)-Total <0.020 0.020 mg/kg 25-NOV-11 R2292752 Beryllium (Be)-Total <0.10 0.10 mg/kg 25-NOV-11 R2292752 Bismuth (Bi)-Total <0.060 0.060 mg/kg 25-NOV-11 R2292752 Cadmium (Cd)-Total 0.156 0.0060 mg/kg 25-NOV-11 R2292752 Cobalt (Co)-Total 0.156 0.020 mg/kg 25-NOV-11 R2292752 Copper (Cu)-Total 10.2 0.040 mg/kg 25-NOV-11 R2292752 Lead (Pb)-Total <0.020 0.020 mg/kg 25-NOV-11 R2292752 Lithium (Li)-Total <0.10 0.10 mg/kg 25-NOV-11 R2292752 Magnesium (Mg)-Total 173 1.0 mg/kg 25-NOV-11 R2292752 Manganese (Mn)-Total 1.75 0.010 mg/kg 25-NOV-11 R2292752 Molybdenum (Mo)-Total 0.214 0.010 mg/kg 25-NOV-11 R2292752 Nickel (Ni)-Total 0.18 0.10 mg/kg 25-NOV-11 R2292752 Selenium (Se)-Total 1.83 0.20 mg/kg 25-NOV-11 R2292752 Strontium (Sr)-Total 0.199 0.010 mg/kg 25-NOV-11 R2292752 Thallium (Tl)-Total 0.049 0.010 mg/kg 25-NOV-11 R2292752 Tin (Sn)-Total <0.050 0.050 mg/kg 25-NOV-11 R2292752 Uranium (U)-Total <0.0020 0.0020 mg/kg 25-NOV-11 R2292752 Vanadium (V)-Total <0.10 0.10 mg/kg 25-NOV-11 R2292752 <b>Metals in Tissue by ICPOES wet weight</b> Aluminum (Al)-Total <2.0 2.0 mg/kg 23-NOV-11 R2293595 Calcium (Ca)-Total 68.0 2.0 mg/kg 23-NOV-11 R2293595 Chromium (Cr)-Total 0.24 0.10 mg/kg 23-NOV-11 R2293595 Iron (Fe)-Total 513 1.0 mg/kg 23-NOV-11 R2293595 Phosphorus (P)-Total 3720 5.0 mg/kg 23-NOV-11 R2293595 Potassium (K)-Total 2810 20 mg/kg 23-NOV-11 R2293595 Sodium (Na)-Total 1490 20 mg/kg 23-NOV-11 R2293595 Titanium (Ti)-Total <0.10 0.10 mg/kg 23-NOV-11 R2293595 Zinc (Zn)-Total 35.3 0.10 mg/kg 23-NOV-11 R2293595 <b>Miscellaneous Parameters</b> Mercury (Hg)-Total 0.130 0.0020 mg/kg 17-NOV-11 25-NOV-11 R2293324 Silver (Ag)-Total 0.078 0.050 mg/kg 25-NOV-11 R2292752							
L1072670-73 L195817-54 2004 LKTR LIVER CL-LT-1-08-09-04 LIVER Sampled By: CLIENT on 09-AUG-04 Matrix: TISSUE <b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>							

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-73 L195817-54 2004 LKTR LIVER CL-LT-1	08-09-04 LIVER						
Sampled By: CLIENT on 09-AUG-04							
Matrix: TISSUE							
<b>Metals in Tissue by ICPMS wet weight</b>							
Antimony (Sb)-Total	<0.010		0.010	mg/kg		25-NOV-11	R2292752
Arsenic (As)-Total	0.069		0.010	mg/kg		25-NOV-11	R2292752
Barium (Ba)-Total	<0.020		0.020	mg/kg		25-NOV-11	R2292752
Beryllium (Be)-Total	<0.10		0.10	mg/kg		25-NOV-11	R2292752
Bismuth (Bi)-Total	<0.060		0.060	mg/kg		25-NOV-11	R2292752
Cadmium (Cd)-Total	0.340		0.0060	mg/kg		25-NOV-11	R2292752
Cobalt (Co)-Total	0.242		0.020	mg/kg		25-NOV-11	R2292752
Copper (Cu)-Total	23.3		0.040	mg/kg		25-NOV-11	R2292752
Lead (Pb)-Total	0.102		0.020	mg/kg		25-NOV-11	R2292752
Lithium (Li)-Total	<0.10		0.10	mg/kg		25-NOV-11	R2292752
Magnesium (Mg)-Total	171		1.0	mg/kg		25-NOV-11	R2292752
Manganese (Mn)-Total	2.09		0.010	mg/kg		25-NOV-11	R2292752
Molybdenum (Mo)-Total	0.304		0.010	mg/kg		25-NOV-11	R2292752
Nickel (Ni)-Total	<0.10		0.10	mg/kg		25-NOV-11	R2292752
Selenium (Se)-Total	2.19		0.20	mg/kg		25-NOV-11	R2292752
Strontium (Sr)-Total	0.108		0.010	mg/kg		25-NOV-11	R2292752
Thallium (Tl)-Total	0.056		0.010	mg/kg		25-NOV-11	R2292752
Tin (Sn)-Total	<0.050		0.050	mg/kg		25-NOV-11	R2292752
Uranium (U)-Total	0.0047		0.0020	mg/kg		25-NOV-11	R2292752
Vanadium (V)-Total	0.13		0.10	mg/kg		25-NOV-11	R2292752
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	3.8		2.0	mg/kg		23-NOV-11	R2293595
Calcium (Ca)-Total	64.1		2.0	mg/kg		23-NOV-11	R2293595
Chromium (Cr)-Total	0.18		0.10	mg/kg		23-NOV-11	R2293595
Iron (Fe)-Total	968		1.0	mg/kg		23-NOV-11	R2293595
Phosphorus (P)-Total	3760		5.0	mg/kg		23-NOV-11	R2293595
Potassium (K)-Total	3450		20	mg/kg		23-NOV-11	R2293595
Sodium (Na)-Total	1050		20	mg/kg		23-NOV-11	R2293595
Titanium (Ti)-Total	<0.10		0.10	mg/kg		23-NOV-11	R2293595
Zinc (Zn)-Total	33.3		0.10	mg/kg		23-NOV-11	R2293595
<b>Miscellaneous Parameters</b>							
Mercury (Hg)-Total	1.07		0.0020	mg/kg	17-NOV-11	25-NOV-11	R2293324
Silver (Ag)-Total	0.158		0.050	mg/kg		25-NOV-11	R2292752
L1072670-74 L195817-56 2004 LKTR LIVER CL-LT-2	08-09-04 LIVER						
Sampled By: CLIENT on 09-AUG-04							
Matrix: TISSUE							
<b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>							
<b>Metals in Tissue by ICPMS wet weight</b>							
Antimony (Sb)-Total	<0.010		0.010	mg/kg		25-NOV-11	R2292752
Arsenic (As)-Total	0.046		0.010	mg/kg		25-NOV-11	R2292752
Barium (Ba)-Total	<0.020		0.020	mg/kg		25-NOV-11	R2292752
Beryllium (Be)-Total	<0.10		0.10	mg/kg		25-NOV-11	R2292752
Bismuth (Bi)-Total	<0.060		0.060	mg/kg		25-NOV-11	R2292752
Cadmium (Cd)-Total	0.225		0.0060	mg/kg		25-NOV-11	R2292752
Cobalt (Co)-Total	0.251		0.020	mg/kg		25-NOV-11	R2292752
Copper (Cu)-Total	7.86		0.040	mg/kg		25-NOV-11	R2292752
Lead (Pb)-Total	0.039		0.020	mg/kg		25-NOV-11	R2292752
Lithium (Li)-Total	<0.10		0.10	mg/kg		25-NOV-11	R2292752
Magnesium (Mg)-Total	176		1.0	mg/kg		25-NOV-11	R2292752
Manganese (Mn)-Total	1.94		0.010	mg/kg		25-NOV-11	R2292752
Molybdenum (Mo)-Total	0.140		0.010	mg/kg		25-NOV-11	R2292752

\* Refer to Referenced Information for Qualifiers (if any) and Methodology.

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-74 L195817-56 2004 LKTR LIVER CL-LT-2	08-09-04 LIVER						
Sampled By: CLIENT on 09-AUG-04							
Matrix: TISSUE							
<b>Metals in Tissue by ICPMS wet weight</b>							
Nickel (Ni)-Total	0.19		0.10	mg/kg		25-NOV-11	R2292752
Selenium (Se)-Total	3.21		0.20	mg/kg		25-NOV-11	R2292752
Strontium (Sr)-Total	0.198		0.010	mg/kg		25-NOV-11	R2292752
Thallium (Tl)-Total	0.036		0.010	mg/kg		25-NOV-11	R2292752
Tin (Sn)-Total	<0.050		0.050	mg/kg		25-NOV-11	R2292752
Uranium (U)-Total	<0.0020		0.0020	mg/kg		25-NOV-11	R2292752
Vanadium (V)-Total	0.10		0.10	mg/kg		25-NOV-11	R2292752
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	<2.0		2.0	mg/kg		23-NOV-11	R2293595
Calcium (Ca)-Total	96.4		2.0	mg/kg		23-NOV-11	R2293595
Chromium (Cr)-Total	0.20		0.10	mg/kg		23-NOV-11	R2293595
Iron (Fe)-Total	1570		1.0	mg/kg		23-NOV-11	R2293595
Phosphorus (P)-Total	3410		5.0	mg/kg		23-NOV-11	R2293595
Potassium (K)-Total	2490		20	mg/kg		23-NOV-11	R2293595
Sodium (Na)-Total	1510		20	mg/kg		23-NOV-11	R2293595
Titanium (Ti)-Total	<0.10		0.10	mg/kg		23-NOV-11	R2293595
Zinc (Zn)-Total	31.9		0.10	mg/kg		23-NOV-11	R2293595
<b>Miscellaneous Parameters</b>							
% Moisture	70.1		0.10	%		01-DEC-11	R2296026
Mercury (Hg)-Total	1.99		0.0020	mg/kg	17-NOV-11	25-NOV-11	R2293324
Silver (Ag)-Total	<0.050		0.050	mg/kg		25-NOV-11	R2292752
L1072670-75 L195817-58 2004 LKTR LIVER CL-LT-3	08-09-04 LIVER						
Sampled By: CLIENT on 09-AUG-04							
Matrix: TISSUE							
<b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>							
<b>Metals in Tissue by ICPMS wet weight</b>							
Antimony (Sb)-Total	<0.010		0.010	mg/kg		25-NOV-11	R2292752
Arsenic (As)-Total	0.069		0.010	mg/kg		25-NOV-11	R2292752
Barium (Ba)-Total	<0.020		0.020	mg/kg		25-NOV-11	R2292752
Beryllium (Be)-Total	<0.10		0.10	mg/kg		25-NOV-11	R2292752
Bismuth (Bi)-Total	<0.060		0.060	mg/kg		25-NOV-11	R2292752
Cadmium (Cd)-Total	0.252		0.0060	mg/kg		25-NOV-11	R2292752
Cobalt (Co)-Total	0.248		0.020	mg/kg		25-NOV-11	R2292752
Copper (Cu)-Total	43.9		0.040	mg/kg		25-NOV-11	R2292752
Lead (Pb)-Total	0.064		0.020	mg/kg		25-NOV-11	R2292752
Lithium (Li)-Total	<0.10		0.10	mg/kg		25-NOV-11	R2292752
Magnesium (Mg)-Total	152		1.0	mg/kg		25-NOV-11	R2292752
Manganese (Mn)-Total	1.35		0.010	mg/kg		25-NOV-11	R2292752
Molybdenum (Mo)-Total	0.197		0.010	mg/kg		25-NOV-11	R2292752
Nickel (Ni)-Total	0.11		0.10	mg/kg		25-NOV-11	R2292752
Selenium (Se)-Total	3.01		0.20	mg/kg		25-NOV-11	R2292752
Strontium (Sr)-Total	0.091		0.010	mg/kg		25-NOV-11	R2292752
Thallium (Tl)-Total	0.039		0.010	mg/kg		25-NOV-11	R2292752
Tin (Sn)-Total	<0.050		0.050	mg/kg		25-NOV-11	R2292752
Uranium (U)-Total	<0.0020		0.0020	mg/kg		25-NOV-11	R2292752
Vanadium (V)-Total	<0.10		0.10	mg/kg		25-NOV-11	R2292752
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	<2.0		2.0	mg/kg		23-NOV-11	R2293595
Calcium (Ca)-Total	46.5		2.0	mg/kg		23-NOV-11	R2293595
Chromium (Cr)-Total	0.16		0.10	mg/kg		23-NOV-11	R2293595
Iron (Fe)-Total	1000		1.0	mg/kg		23-NOV-11	R2293595

\* Refer to Referenced Information for Qualifiers (if any) and Methodology.

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Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-75	L195817-58 2004 LKTR LIVER CL-LT-3	08-09-04 LIVER						
Sampled By:	CLIENT on 09-AUG-04							
Matrix:	TISSUE							
<b>Metals in Tissue by ICPOES wet weight</b>								
Phosphorus (P)-Total	2800		5.0	mg/kg			23-NOV-11	R2293595
Potassium (K)-Total	2750		20	mg/kg			23-NOV-11	R2293595
Sodium (Na)-Total	1330		20	mg/kg			23-NOV-11	R2293595
Titanium (Ti)-Total	<0.10		0.10	mg/kg			23-NOV-11	R2293595
Zinc (Zn)-Total	40.9		0.10	mg/kg			23-NOV-11	R2293595
<b>Miscellaneous Parameters</b>								
% Moisture	74.9		0.10	%			01-DEC-11	R2296026
Mercury (Hg)-Total	2.50		0.0020	mg/kg	17-NOV-11		25-NOV-11	R2293324
Silver (Ag)-Total	0.484		0.050	mg/kg			25-NOV-11	R2292752
L1072670-76	L195817-60 2004 LKTR LIVER CL-LT-4	08-09-04 LIVER						
Sampled By:	CLIENT on 09-AUG-04							
Matrix:	TISSUE							
<b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>								
<b>Metals in Tissue by ICPMS wet weight</b>								
Antimony (Sb)-Total	<0.010		0.010	mg/kg			25-NOV-11	R2292752
Arsenic (As)-Total	0.058		0.010	mg/kg			25-NOV-11	R2292752
Barium (Ba)-Total	<0.020		0.020	mg/kg			25-NOV-11	R2292752
Beryllium (Be)-Total	<0.10		0.10	mg/kg			25-NOV-11	R2292752
Bismuth (Bi)-Total	<0.060		0.060	mg/kg			25-NOV-11	R2292752
Cadmium (Cd)-Total	0.157		0.0060	mg/kg			25-NOV-11	R2292752
Cobalt (Co)-Total	0.336		0.020	mg/kg			25-NOV-11	R2292752
Copper (Cu)-Total	9.40		0.040	mg/kg			25-NOV-11	R2292752
Lead (Pb)-Total	0.108		0.020	mg/kg			25-NOV-11	R2292752
Lithium (Li)-Total	<0.10		0.10	mg/kg			25-NOV-11	R2292752
Magnesium (Mg)-Total	231		1.0	mg/kg			25-NOV-11	R2292752
Manganese (Mn)-Total	3.04		0.010	mg/kg			25-NOV-11	R2292752
Molybdenum (Mo)-Total	0.159		0.010	mg/kg			25-NOV-11	R2292752
Nickel (Ni)-Total	<0.10		0.10	mg/kg			25-NOV-11	R2292752
Selenium (Se)-Total	1.18		0.20	mg/kg			25-NOV-11	R2292752
Strontium (Sr)-Total	0.200		0.010	mg/kg			25-NOV-11	R2292752
Thallium (Tl)-Total	0.156		0.010	mg/kg			25-NOV-11	R2292752
Tin (Sn)-Total	<0.050		0.050	mg/kg			25-NOV-11	R2292752
Uranium (U)-Total	0.0030		0.0020	mg/kg			25-NOV-11	R2292752
Vanadium (V)-Total	0.14		0.10	mg/kg			25-NOV-11	R2292752
<b>Metals in Tissue by ICPOES wet weight</b>								
Aluminum (Al)-Total	2.5		2.0	mg/kg			23-NOV-11	R2293595
Calcium (Ca)-Total	149		2.0	mg/kg			23-NOV-11	R2293595
Chromium (Cr)-Total	<0.10		0.10	mg/kg			23-NOV-11	R2293595
Iron (Fe)-Total	822		1.0	mg/kg			23-NOV-11	R2293595
Phosphorus (P)-Total	4180		5.0	mg/kg			23-NOV-11	R2293595
Potassium (K)-Total	3740		20	mg/kg			23-NOV-11	R2293595
Sodium (Na)-Total	1220		20	mg/kg			23-NOV-11	R2293595
Titanium (Ti)-Total	<0.10		0.10	mg/kg			23-NOV-11	R2293595
Zinc (Zn)-Total	34.7		0.10	mg/kg			23-NOV-11	R2293595
<b>Miscellaneous Parameters</b>								
Mercury (Hg)-Total	0.341		0.0020	mg/kg	17-NOV-11		25-NOV-11	R2293324
Silver (Ag)-Total	<0.050		0.050	mg/kg			25-NOV-11	R2292752
L1072670-77	L195817-62 2004 LKTR LIVER CL-LT-5	08-09-04 LIVER						
Sampled By:	CLIENT on 09-AUG-04							
Matrix:	TISSUE							

\* Refer to Referenced Information for Qualifiers (if any) and Methodology.

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-77 L195817-62 2004 LKTR LIVER CL-LT-5-08-09-04 LIVER Sampled By: CLIENT on 09-AUG-04 Matrix: TISSUE <b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b> <b>Metals in Tissue by ICPMS wet weight</b> Antimony (Sb)-Total <0.010 0.010 mg/kg 25-NOV-11 R2292752 Arsenic (As)-Total 0.045 0.010 mg/kg 25-NOV-11 R2292752 Barium (Ba)-Total <0.020 0.020 mg/kg 25-NOV-11 R2292752 Beryllium (Be)-Total <0.10 0.10 mg/kg 25-NOV-11 R2292752 Bismuth (Bi)-Total <0.060 0.060 mg/kg 25-NOV-11 R2292752 Cadmium (Cd)-Total 0.136 0.0060 mg/kg 25-NOV-11 R2292752 Cobalt (Co)-Total 0.266 0.020 mg/kg 25-NOV-11 R2292752 Copper (Cu)-Total 23.6 0.040 mg/kg 25-NOV-11 R2292752 Lead (Pb)-Total 0.225 0.020 mg/kg 25-NOV-11 R2292752 Lithium (Li)-Total <0.10 0.10 mg/kg 25-NOV-11 R2292752 Magnesium (Mg)-Total 143 1.0 mg/kg 25-NOV-11 R2292752 Manganese (Mn)-Total 1.91 0.010 mg/kg 25-NOV-11 R2292752 Molybdenum (Mo)-Total 0.302 0.010 mg/kg 25-NOV-11 R2292752 Nickel (Ni)-Total 0.62 0.10 mg/kg 25-NOV-11 R2292752 Selenium (Se)-Total 1.78 0.20 mg/kg 25-NOV-11 R2292752 Strontium (Sr)-Total 0.127 0.010 mg/kg 25-NOV-11 R2292752 Thallium (Tl)-Total 0.033 0.010 mg/kg 25-NOV-11 R2292752 Tin (Sn)-Total <0.050 0.050 mg/kg 25-NOV-11 R2292752 Uranium (U)-Total <0.0020 0.0020 mg/kg 25-NOV-11 R2292752 Vanadium (V)-Total 0.12 0.10 mg/kg 25-NOV-11 R2292752 <b>Metals in Tissue by ICPOES wet weight</b> Aluminum (Al)-Total <2.0 2.0 mg/kg 23-NOV-11 R2293595 Calcium (Ca)-Total 57.5 2.0 mg/kg 23-NOV-11 R2293595 Chromium (Cr)-Total 0.71 0.10 mg/kg 23-NOV-11 R2293595 Iron (Fe)-Total 529 1.0 mg/kg 23-NOV-11 R2293595 Phosphorus (P)-Total 2940 5.0 mg/kg 23-NOV-11 R2293595 Potassium (K)-Total 2720 20 mg/kg 23-NOV-11 R2293595 Sodium (Na)-Total 1270 20 mg/kg 23-NOV-11 R2293595 Titanium (Ti)-Total <0.10 0.10 mg/kg 23-NOV-11 R2293595 Zinc (Zn)-Total 35.2 0.10 mg/kg 23-NOV-11 R2293595 <b>Miscellaneous Parameters</b> % Moisture 75.0 0.10 % 01-DEC-11 R2296026 Mercury (Hg)-Total 0.475 0.0020 mg/kg 17-NOV-11 25-NOV-11 R2293324 Silver (Ag)-Total 0.177 0.050 mg/kg 25-NOV-11 R2292752							
L1072670-78 L195817-64 2004 LKTR LIVER LT-CONT-AUG 12-#1 LIVER Sampled By: CLIENT on 12-AUG-04 Matrix: TISSUE <b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b> <b>Metals in Tissue by ICPMS wet weight</b> Antimony (Sb)-Total <0.010 0.010 mg/kg 25-NOV-11 R2292752 Arsenic (As)-Total 0.047 0.010 mg/kg 25-NOV-11 R2292752 Barium (Ba)-Total <0.020 0.020 mg/kg 25-NOV-11 R2292752 Beryllium (Be)-Total <0.10 0.10 mg/kg 25-NOV-11 R2292752 Bismuth (Bi)-Total <0.060 0.060 mg/kg 25-NOV-11 R2292752 Cadmium (Cd)-Total 0.0837 0.0060 mg/kg 25-NOV-11 R2292752 Cobalt (Co)-Total 0.188 0.020 mg/kg 25-NOV-11 R2292752 Copper (Cu)-Total 6.32 0.040 mg/kg 25-NOV-11 R2292752 Lead (Pb)-Total 0.059 0.020 mg/kg 25-NOV-11 R2292752 Lithium (Li)-Total <0.10 0.10 mg/kg 25-NOV-11 R2292752 Magnesium (Mg)-Total 186 1.0 mg/kg 25-NOV-11 R2292752							

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-78 L195817-64 2004 LKTR LIVER LT-CONT	AUG 12-#1 LIVER						
Sampled By: CLIENT on 12-AUG-04							
Matrix: TISSUE							
<b>Metals in Tissue by ICPMS wet weight</b>							
Manganese (Mn)-Total	1.71	0.010	mg/kg		25-NOV-11	R2292752	
Molybdenum (Mo)-Total	0.213	0.010	mg/kg		25-NOV-11	R2292752	
Nickel (Ni)-Total	<0.10	0.10	mg/kg		25-NOV-11	R2292752	
Selenium (Se)-Total	1.78	0.20	mg/kg		25-NOV-11	R2292752	
Strontium (Sr)-Total	0.185	0.010	mg/kg		25-NOV-11	R2292752	
Thallium (Tl)-Total	0.074	0.010	mg/kg		25-NOV-11	R2292752	
Tin (Sn)-Total	<0.050	0.050	mg/kg		25-NOV-11	R2292752	
Uranium (U)-Total	<0.0020	0.0020	mg/kg		25-NOV-11	R2292752	
Vanadium (V)-Total	<0.10	0.10	mg/kg		25-NOV-11	R2292752	
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	<2.0	2.0	mg/kg		23-NOV-11	R2293595	
Calcium (Ca)-Total	60.1	2.0	mg/kg		23-NOV-11	R2293595	
Chromium (Cr)-Total	<0.10	0.10	mg/kg		23-NOV-11	R2293595	
Iron (Fe)-Total	244	1.0	mg/kg		23-NOV-11	R2293595	
Phosphorus (P)-Total	3640	5.0	mg/kg		23-NOV-11	R2293595	
Potassium (K)-Total	3210	20	mg/kg		23-NOV-11	R2293595	
Sodium (Na)-Total	978	20	mg/kg		23-NOV-11	R2293595	
Titanium (Ti)-Total	<0.10	0.10	mg/kg		23-NOV-11	R2293595	
Zinc (Zn)-Total	32.0	0.10	mg/kg		23-NOV-11	R2293595	
<b>Miscellaneous Parameters</b>							
Mercury (Hg)-Total	0.292	0.0020	mg/kg	17-NOV-11	25-NOV-11	R2293324	
Silver (Ag)-Total	0.054	0.050	mg/kg		25-NOV-11	R2292752	
L1072670-80 L195817-68 2004 LKTR LIVER LT-CONT	AUG 12-#3 LIVER						
Sampled By: CLIENT on 12-AUG-04							
Matrix: TISSUE							
<b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>							
<b>Metals in Tissue by ICPMS wet weight</b>							
Antimony (Sb)-Total	<0.010	0.010	mg/kg		25-NOV-11	R2292752	
Arsenic (As)-Total	0.044	0.010	mg/kg		25-NOV-11	R2292752	
Barium (Ba)-Total	0.067	0.020	mg/kg		25-NOV-11	R2292752	
Beryllium (Be)-Total	<0.10	0.10	mg/kg		25-NOV-11	R2292752	
Bismuth (Bi)-Total	<0.060	0.060	mg/kg		25-NOV-11	R2292752	
Cadmium (Cd)-Total	0.436	0.0060	mg/kg		25-NOV-11	R2292752	
Cobalt (Co)-Total	0.308	0.020	mg/kg		25-NOV-11	R2292752	
Copper (Cu)-Total	21.6	0.040	mg/kg		25-NOV-11	R2292752	
Lead (Pb)-Total	0.020	0.020	mg/kg		25-NOV-11	R2292752	
Lithium (Li)-Total	<0.10	0.10	mg/kg		25-NOV-11	R2292752	
Magnesium (Mg)-Total	174	1.0	mg/kg		25-NOV-11	R2292752	
Manganese (Mn)-Total	2.83	0.010	mg/kg		25-NOV-11	R2292752	
Molybdenum (Mo)-Total	0.226	0.010	mg/kg		25-NOV-11	R2292752	
Nickel (Ni)-Total	<0.10	0.10	mg/kg		25-NOV-11	R2292752	
Selenium (Se)-Total	3.29	0.20	mg/kg		25-NOV-11	R2292752	
Strontium (Sr)-Total	0.088	0.010	mg/kg		25-NOV-11	R2292752	
Thallium (Tl)-Total	0.024	0.010	mg/kg		25-NOV-11	R2292752	
Tin (Sn)-Total	<0.050	0.050	mg/kg		25-NOV-11	R2292752	
Uranium (U)-Total	<0.0020	0.0020	mg/kg		25-NOV-11	R2292752	
Vanadium (V)-Total	<0.10	0.10	mg/kg		25-NOV-11	R2292752	
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	2.1	2.0	mg/kg		23-NOV-11	R2293595	
Calcium (Ca)-Total	54.2	2.0	mg/kg		23-NOV-11	R2293595	
Chromium (Cr)-Total	0.13	0.10	mg/kg		23-NOV-11	R2293595	

\* Refer to Referenced Information for Qualifiers (if any) and Methodology.

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-80	L195817-68 2004 LKTR LIVER LT-CONT	-AUG 12-#3 LIVER						
Sampled By:	CLIENT on 12-AUG-04							
Matrix:	TISSUE							
<b>Metals in Tissue by ICPOES wet weight</b>								
Iron (Fe)-Total	1220		1.0	mg/kg			23-NOV-11	R2293595
Phosphorus (P)-Total	3530		5.0	mg/kg			23-NOV-11	R2293595
Potassium (K)-Total	3310		20	mg/kg			23-NOV-11	R2293595
Sodium (Na)-Total	1080		20	mg/kg			23-NOV-11	R2293595
Titanium (Ti)-Total	<0.10		0.10	mg/kg			23-NOV-11	R2293595
Zinc (Zn)-Total	33.4		0.10	mg/kg			23-NOV-11	R2293595
<b>Miscellaneous Parameters</b>								
% Moisture	73.1		0.10	%			01-DEC-11	R2296026
Mercury (Hg)-Total	2.13		0.0020	mg/kg	17-NOV-11		25-NOV-11	R2293324
Silver (Ag)-Total	0.122		0.050	mg/kg			25-NOV-11	R2292752
L1072670-81	L195817-70 2004 LKTR LIVER LT-CONT	-AUG 12-#4 LIVER						
Sampled By:	CLIENT on 12-AUG-04							
Matrix:	TISSUE							
<b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>								
<b>Metals in Tissue by ICPMS wet weight</b>								
Antimony (Sb)-Total	<0.010		0.010	mg/kg			25-NOV-11	R2292752
Arsenic (As)-Total	0.053		0.010	mg/kg			25-NOV-11	R2292752
Barium (Ba)-Total	<0.020		0.020	mg/kg			25-NOV-11	R2292752
Beryllium (Be)-Total	<0.10		0.10	mg/kg			25-NOV-11	R2292752
Bismuth (Bi)-Total	<0.060		0.060	mg/kg			25-NOV-11	R2292752
Cadmium (Cd)-Total	0.386		0.0060	mg/kg			25-NOV-11	R2292752
Cobalt (Co)-Total	0.247		0.020	mg/kg			25-NOV-11	R2292752
Copper (Cu)-Total	10.5		0.040	mg/kg			25-NOV-11	R2292752
Lead (Pb)-Total	<0.020		0.020	mg/kg			25-NOV-11	R2292752
Lithium (Li)-Total	<0.10		0.10	mg/kg			25-NOV-11	R2292752
Magnesium (Mg)-Total	138		1.0	mg/kg			25-NOV-11	R2292752
Manganese (Mn)-Total	1.19		0.010	mg/kg			25-NOV-11	R2292752
Molybdenum (Mo)-Total	0.225		0.010	mg/kg			25-NOV-11	R2292752
Nickel (Ni)-Total	<0.10		0.10	mg/kg			25-NOV-11	R2292752
Selenium (Se)-Total	2.82		0.20	mg/kg			25-NOV-11	R2292752
Strontium (Sr)-Total	0.111		0.010	mg/kg			25-NOV-11	R2292752
Thallium (Tl)-Total	0.034		0.010	mg/kg			25-NOV-11	R2292752
Tin (Sn)-Total	<0.050		0.050	mg/kg			25-NOV-11	R2292752
Uranium (U)-Total	<0.0020		0.0020	mg/kg			25-NOV-11	R2292752
Vanadium (V)-Total	0.11		0.10	mg/kg			25-NOV-11	R2292752
<b>Metals in Tissue by ICPOES wet weight</b>								
Aluminum (Al)-Total	3.4		2.0	mg/kg			23-NOV-11	R2293595
Calcium (Ca)-Total	64.9		2.0	mg/kg			23-NOV-11	R2293595
Chromium (Cr)-Total	0.17		0.10	mg/kg			23-NOV-11	R2293595
Iron (Fe)-Total	1630		1.0	mg/kg			23-NOV-11	R2293595
Phosphorus (P)-Total	2700		5.0	mg/kg			23-NOV-11	R2293595
Potassium (K)-Total	2620		20	mg/kg			23-NOV-11	R2293595
Sodium (Na)-Total	1140		20	mg/kg			23-NOV-11	R2293595
Titanium (Ti)-Total	<0.10		0.10	mg/kg			23-NOV-11	R2293595
Zinc (Zn)-Total	30.5		0.10	mg/kg			23-NOV-11	R2293595
<b>Miscellaneous Parameters</b>								
% Moisture	79.4		0.10	%			01-DEC-11	R2296026
Mercury (Hg)-Total	1.39		0.0020	mg/kg	17-NOV-11		25-NOV-11	R2293324
Silver (Ag)-Total	0.056		0.050	mg/kg			25-NOV-11	R2292752

\* Refer to Referenced Information for Qualifiers (if any) and Methodology.

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-82	L195817-72 2004 LKTR LIVER LT-CONT	-AUG 12-#5 LIVER						
Sampled By:	CLIENT	on 12-AUG-04						
Matrix:	TISSUE							
<b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>								
<b>Metals in Tissue by ICPMS wet weight</b>								
Antimony (Sb)-Total	<0.010		0.010	mg/kg		25-NOV-11	R2292752	
Arsenic (As)-Total	0.041		0.010	mg/kg		25-NOV-11	R2292752	
Barium (Ba)-Total	<0.020		0.020	mg/kg		25-NOV-11	R2292752	
Beryllium (Be)-Total	<0.10		0.10	mg/kg		25-NOV-11	R2292752	
Bismuth (Bi)-Total	<0.060		0.060	mg/kg		25-NOV-11	R2292752	
Cadmium (Cd)-Total	0.0859		0.0060	mg/kg		25-NOV-11	R2292752	
Cobalt (Co)-Total	0.119		0.020	mg/kg		25-NOV-11	R2292752	
Copper (Cu)-Total	13.7		0.040	mg/kg		25-NOV-11	R2292752	
Lead (Pb)-Total	<0.020		0.020	mg/kg		25-NOV-11	R2292752	
Lithium (Li)-Total	<0.10		0.10	mg/kg		25-NOV-11	R2292752	
Magnesium (Mg)-Total	159		1.0	mg/kg		25-NOV-11	R2292752	
Manganese (Mn)-Total	1.43		0.010	mg/kg		25-NOV-11	R2292752	
Molybdenum (Mo)-Total	0.210		0.010	mg/kg		25-NOV-11	R2292752	
Nickel (Ni)-Total	0.43		0.10	mg/kg		25-NOV-11	R2292752	
Selenium (Se)-Total	1.66		0.20	mg/kg		25-NOV-11	R2292752	
Strontium (Sr)-Total	0.147		0.010	mg/kg		25-NOV-11	R2292752	
Thallium (Tl)-Total	0.045		0.010	mg/kg		25-NOV-11	R2292752	
Tin (Sn)-Total	<0.050		0.050	mg/kg		25-NOV-11	R2292752	
Uranium (U)-Total	<0.0020		0.0020	mg/kg		25-NOV-11	R2292752	
Vanadium (V)-Total	<0.10		0.10	mg/kg		25-NOV-11	R2292752	
<b>Metals in Tissue by ICPOES wet weight</b>								
Aluminum (Al)-Total	<2.0		2.0	mg/kg		23-NOV-11	R2293595	
Calcium (Ca)-Total	56.6		2.0	mg/kg		23-NOV-11	R2293595	
Chromium (Cr)-Total	0.54		0.10	mg/kg		23-NOV-11	R2293595	
Iron (Fe)-Total	214		1.0	mg/kg		23-NOV-11	R2293595	
Phosphorus (P)-Total	2910		5.0	mg/kg		23-NOV-11	R2293595	
Potassium (K)-Total	2610		20	mg/kg		23-NOV-11	R2293595	
Sodium (Na)-Total	870		20	mg/kg		23-NOV-11	R2293595	
Titanium (Ti)-Total	<0.10		0.10	mg/kg		23-NOV-11	R2293595	
Zinc (Zn)-Total	31.4		0.10	mg/kg		23-NOV-11	R2293595	
<b>Miscellaneous Parameters</b>								
Mercury (Hg)-Total	0.105		0.0020	mg/kg	17-NOV-11	25-NOV-11	R2293324	
Silver (Ag)-Total	0.057		0.050	mg/kg		25-NOV-11	R2292752	
L1072670-86	L195817-80 2004 LKTR LIVER LT-CONT	-AUG 12-#9 LIVER						
Sampled By:	CLIENT	on 12-AUG-04						
Matrix:	TISSUE							
<b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>								
<b>Metals in Tissue by ICPMS wet weight</b>								
Antimony (Sb)-Total	<0.010		0.010	mg/kg		25-NOV-11	R2292752	
Arsenic (As)-Total	0.045		0.010	mg/kg		25-NOV-11	R2292752	
Barium (Ba)-Total	<0.020		0.020	mg/kg		25-NOV-11	R2292752	
Beryllium (Be)-Total	<0.10		0.10	mg/kg		25-NOV-11	R2292752	
Bismuth (Bi)-Total	<0.060		0.060	mg/kg		25-NOV-11	R2292752	
Cadmium (Cd)-Total	0.291		0.0060	mg/kg		25-NOV-11	R2292752	
Cobalt (Co)-Total	0.133		0.020	mg/kg		25-NOV-11	R2292752	
Copper (Cu)-Total	25.4		0.040	mg/kg		25-NOV-11	R2292752	
Lead (Pb)-Total	0.044		0.020	mg/kg		25-NOV-11	R2292752	
Lithium (Li)-Total	<0.10		0.10	mg/kg		25-NOV-11	R2292752	
Magnesium (Mg)-Total	187		1.0	mg/kg		25-NOV-11	R2292752	
Manganese (Mn)-Total	1.73		0.010	mg/kg		25-NOV-11	R2292752	

\* Refer to Referenced Information for Qualifiers (if any) and Methodology.

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-86	L195817-80 2004 LKTR LIVER LT-CONT	AUG 12-#9 LIVER						
Sampled By:	CLIENT on 12-AUG-04							
Matrix:	TISSUE							
<b>Metals in Tissue by ICPMS wet weight</b>								
Molybdenum (Mo)-Total	0.243		0.010	mg/kg		25-NOV-11	R2292752	
Nickel (Ni)-Total	<0.10		0.10	mg/kg		25-NOV-11	R2292752	
Selenium (Se)-Total	4.75		0.20	mg/kg		25-NOV-11	R2292752	
Strontium (Sr)-Total	0.110		0.010	mg/kg		25-NOV-11	R2292752	
Thallium (Tl)-Total	0.045		0.010	mg/kg		25-NOV-11	R2292752	
Tin (Sn)-Total	<0.050		0.050	mg/kg		25-NOV-11	R2292752	
Uranium (U)-Total	<0.0020		0.0020	mg/kg		25-NOV-11	R2292752	
Vanadium (V)-Total	<0.10		0.10	mg/kg		25-NOV-11	R2292752	
<b>Metals in Tissue by ICPOES wet weight</b>								
Aluminum (Al)-Total	<2.0		2.0	mg/kg		23-NOV-11	R2293595	
Calcium (Ca)-Total	62.8		2.0	mg/kg		23-NOV-11	R2293595	
Chromium (Cr)-Total	0.13		0.10	mg/kg		23-NOV-11	R2293595	
Iron (Fe)-Total	1000		1.0	mg/kg		23-NOV-11	R2293595	
Phosphorus (P)-Total	3450		5.0	mg/kg		23-NOV-11	R2293595	
Potassium (K)-Total	3330		20	mg/kg		23-NOV-11	R2293595	
Sodium (Na)-Total	790		20	mg/kg		23-NOV-11	R2293595	
Titanium (Ti)-Total	<0.10		0.10	mg/kg		23-NOV-11	R2293595	
Zinc (Zn)-Total	45.2		0.10	mg/kg		23-NOV-11	R2293595	
<b>Miscellaneous Parameters</b>								
% Moisture	68.4		0.10	%		01-DEC-11	R2296026	
Mercury (Hg)-Total	1.64		0.0020	mg/kg	17-NOV-11	28-NOV-11	R2293324	
Silver (Ag)-Total	0.140		0.050	mg/kg		25-NOV-11	R2292752	
L1072670-87	L195817-82 2004 LKTR LIVER LT-CONT	AUG 12-#10 LIVER						
Sampled By:	CLIENT on 12-AUG-04							
Matrix:	TISSUE							
<b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>								
<b>Metals in Tissue by ICPMS wet weight</b>								
Antimony (Sb)-Total	<0.010		0.010	mg/kg		25-NOV-11	R2292752	
Arsenic (As)-Total	0.057		0.010	mg/kg		25-NOV-11	R2292752	
Barium (Ba)-Total	<0.020		0.020	mg/kg		25-NOV-11	R2292752	
Beryllium (Be)-Total	<0.10		0.10	mg/kg		25-NOV-11	R2292752	
Bismuth (Bi)-Total	<0.060		0.060	mg/kg		25-NOV-11	R2292752	
Cadmium (Cd)-Total	0.111		0.0060	mg/kg		25-NOV-11	R2292752	
Cobalt (Co)-Total	0.185		0.020	mg/kg		25-NOV-11	R2292752	
Copper (Cu)-Total	9.88		0.040	mg/kg		25-NOV-11	R2292752	
Lead (Pb)-Total	0.073		0.020	mg/kg		25-NOV-11	R2292752	
Lithium (Li)-Total	<0.10		0.10	mg/kg		25-NOV-11	R2292752	
Magnesium (Mg)-Total	156		1.0	mg/kg		25-NOV-11	R2292752	
Manganese (Mn)-Total	1.59		0.010	mg/kg		25-NOV-11	R2292752	
Molybdenum (Mo)-Total	0.183		0.010	mg/kg		25-NOV-11	R2292752	
Nickel (Ni)-Total	<0.10		0.10	mg/kg		25-NOV-11	R2292752	
Selenium (Se)-Total	2.23		0.20	mg/kg		25-NOV-11	R2292752	
Strontium (Sr)-Total	0.134		0.010	mg/kg		25-NOV-11	R2292752	
Thallium (Tl)-Total	0.095		0.010	mg/kg		25-NOV-11	R2292752	
Tin (Sn)-Total	<0.050		0.050	mg/kg		25-NOV-11	R2292752	
Uranium (U)-Total	<0.0020		0.0020	mg/kg		25-NOV-11	R2292752	
Vanadium (V)-Total	<0.10		0.10	mg/kg		25-NOV-11	R2292752	
<b>Metals in Tissue by ICPOES wet weight</b>								
Aluminum (Al)-Total	<2.0		2.0	mg/kg		23-NOV-11	R2293595	
Calcium (Ca)-Total	55.3		2.0	mg/kg		23-NOV-11	R2293595	
Chromium (Cr)-Total	<0.10		0.10	mg/kg		23-NOV-11	R2293595	

\* Refer to Referenced Information for Qualifiers (if any) and Methodology.

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-87 L195817-82 2004 LKTR LIVER LT-CONT	AUG 12-#10 LIVER						
Sampled By: CLIENT on 12-AUG-04							
Matrix: TISSUE							
<b>Metals in Tissue by ICPOES wet weight</b>							
Iron (Fe)-Total	160		1.0	mg/kg		23-NOV-11	R2293595
Phosphorus (P)-Total	2840		5.0	mg/kg		23-NOV-11	R2293595
Potassium (K)-Total	2340		20	mg/kg		23-NOV-11	R2293595
Sodium (Na)-Total	1220		20	mg/kg		23-NOV-11	R2293595
Titanium (Ti)-Total	<0.10		0.10	mg/kg		23-NOV-11	R2293595
Zinc (Zn)-Total	30.8		0.10	mg/kg		23-NOV-11	R2293595
<b>Miscellaneous Parameters</b>							
% Moisture	65.0		0.10	%		01-DEC-11	R2296026
Mercury (Hg)-Total	0.291		0.0020	mg/kg	17-NOV-11	25-NOV-11	R2293324
Silver (Ag)-Total	0.068		0.050	mg/kg		25-NOV-11	R2292752
L1072670-95 L195817-98 2004 LKTR LIVER 410 LT-8	08-09-04						
Sampled By: CLIENT on 09-AUG-04							
Matrix: TISSUE							
<b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>							
<b>Metals in Tissue by ICPMS wet weight</b>							
Antimony (Sb)-Total	<0.020	DLIS	0.020	mg/kg		25-NOV-11	R2292752
Arsenic (As)-Total	0.068	DLIS	0.020	mg/kg		25-NOV-11	R2292752
Barium (Ba)-Total	<0.040	DLIS	0.040	mg/kg		25-NOV-11	R2292752
Beryllium (Be)-Total	<0.20	DLIS	0.20	mg/kg		25-NOV-11	R2292752
Bismuth (Bi)-Total	<0.12	DLIS	0.12	mg/kg		25-NOV-11	R2292752
Cadmium (Cd)-Total	0.059	DLIS	0.012	mg/kg		25-NOV-11	R2292752
Cobalt (Co)-Total	0.075	DLIS	0.040	mg/kg		25-NOV-11	R2292752
Copper (Cu)-Total	9.21	DLIS	0.080	mg/kg		25-NOV-11	R2292752
Lead (Pb)-Total	<0.040	DLIS	0.040	mg/kg		25-NOV-11	R2292752
Lithium (Li)-Total	<0.20	DLIS	0.20	mg/kg		25-NOV-11	R2292752
Magnesium (Mg)-Total	161	DLIS	2.0	mg/kg		25-NOV-11	R2292752
Manganese (Mn)-Total	1.22	DLIS	0.020	mg/kg		25-NOV-11	R2292752
Molybdenum (Mo)-Total	0.134	DLIS	0.020	mg/kg		25-NOV-11	R2292752
Nickel (Ni)-Total	<0.20	DLIS	0.20	mg/kg		25-NOV-11	R2292752
Selenium (Se)-Total	1.98	DLIS	0.40	mg/kg		25-NOV-11	R2292752
Strontium (Sr)-Total	0.375	DLIS	0.020	mg/kg		25-NOV-11	R2292752
Thallium (Tl)-Total	0.075	DLIS	0.020	mg/kg		25-NOV-11	R2292752
Tin (Sn)-Total	<0.10	DLIS	0.10	mg/kg		25-NOV-11	R2292752
Uranium (U)-Total	<0.0040	DLIS	0.0040	mg/kg		25-NOV-11	R2292752
Vanadium (V)-Total	<0.20	DLIS	0.20	mg/kg		25-NOV-11	R2292752
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	<4.0	DLIS	4.0	mg/kg		23-NOV-11	R2293595
Calcium (Ca)-Total	119	DLIS	4.0	mg/kg		23-NOV-11	R2293595
Chromium (Cr)-Total	<0.20	DLIS	0.20	mg/kg		23-NOV-11	R2293595
Iron (Fe)-Total	201	DLIS	2.0	mg/kg		23-NOV-11	R2293595
Phosphorus (P)-Total	3490		5.0	mg/kg		23-NOV-11	R2293595
Potassium (K)-Total	2670		20	mg/kg		23-NOV-11	R2293595
Sodium (Na)-Total	1630	DLIS	40	mg/kg		23-NOV-11	R2293595
Titanium (Ti)-Total	<0.20	DLIS	0.20	mg/kg		23-NOV-11	R2293595
Zinc (Zn)-Total	34.6	DLIS	0.20	mg/kg		23-NOV-11	R2293595
<b>Miscellaneous Parameters</b>							
Mercury (Hg)-Total	0.216		0.0020	mg/kg	17-NOV-11	25-NOV-11	R2293324
Silver (Ag)-Total	<0.10	DLIS	0.10	mg/kg		25-NOV-11	R2292752

\* Refer to Referenced Information for Qualifiers (if any) and Methodology.

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-97 L195817-102 2004 LKTR LIVER 410 LT-10-08-09-04							
Sampled By: CLIENT on 09-AUG-11							
Matrix: TISSUE							
<b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>							
<b>Metals in Tissue by ICPMS wet weight</b>							
Antimony (Sb)-Total	<0.010		0.010	mg/kg		25-NOV-11	R2292752
Arsenic (As)-Total	0.038		0.010	mg/kg		25-NOV-11	R2292752
Barium (Ba)-Total	<0.020		0.020	mg/kg		25-NOV-11	R2292752
Beryllium (Be)-Total	<0.10		0.10	mg/kg		25-NOV-11	R2292752
Bismuth (Bi)-Total	<0.060		0.060	mg/kg		25-NOV-11	R2292752
Cadmium (Cd)-Total	0.118		0.0060	mg/kg		25-NOV-11	R2292752
Cobalt (Co)-Total	0.192		0.020	mg/kg		25-NOV-11	R2292752
Copper (Cu)-Total	8.27		0.040	mg/kg		25-NOV-11	R2292752
Lead (Pb)-Total	0.070		0.020	mg/kg		25-NOV-11	R2292752
Lithium (Li)-Total	<0.10		0.10	mg/kg		25-NOV-11	R2292752
Magnesium (Mg)-Total	132		1.0	mg/kg		25-NOV-11	R2292752
Manganese (Mn)-Total	1.10		0.010	mg/kg		25-NOV-11	R2292752
Molybdenum (Mo)-Total	0.155		0.010	mg/kg		25-NOV-11	R2292752
Nickel (Ni)-Total	0.27		0.10	mg/kg		25-NOV-11	R2292752
Selenium (Se)-Total	1.32		0.20	mg/kg		25-NOV-11	R2292752
Strontium (Sr)-Total	0.170		0.010	mg/kg		25-NOV-11	R2292752
Thallium (Tl)-Total	0.045		0.010	mg/kg		25-NOV-11	R2292752
Tin (Sn)-Total	<0.050		0.050	mg/kg		25-NOV-11	R2292752
Uranium (U)-Total	<0.0020		0.0020	mg/kg		25-NOV-11	R2292752
Vanadium (V)-Total	<0.10		0.10	mg/kg		25-NOV-11	R2292752
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	2.5		2.0	mg/kg		23-NOV-11	R2293595
Calcium (Ca)-Total	68.5		2.0	mg/kg		23-NOV-11	R2293595
Chromium (Cr)-Total	0.35		0.10	mg/kg		23-NOV-11	R2293595
Iron (Fe)-Total	719		1.0	mg/kg		23-NOV-11	R2293595
Phosphorus (P)-Total	2290		5.0	mg/kg		23-NOV-11	R2293595
Potassium (K)-Total	2100		20	mg/kg		23-NOV-11	R2293595
Sodium (Na)-Total	1430		20	mg/kg		23-NOV-11	R2293595
Titanium (Ti)-Total	<0.10		0.10	mg/kg		23-NOV-11	R2293595
Zinc (Zn)-Total	27.8		0.10	mg/kg		23-NOV-11	R2293595
<b>Miscellaneous Parameters</b>							
% Moisture	75.3		0.10	%		01-DEC-11	R2296026
Mercury (Hg)-Total	0.261		0.0020	mg/kg	17-NOV-11	25-NOV-11	R2293324
Silver (Ag)-Total	<0.050		0.050	mg/kg		25-NOV-11	R2292752
L1072670-98 L195817-104 2004 LKTR LIVER LT-410-AUG 13-#1 LIVER							
Sampled By: CLIENT on 13-AUG-11							
Matrix: TISSUE							
<b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>							
<b>Metals in Tissue by ICPMS wet weight</b>							
Antimony (Sb)-Total	<0.010		0.010	mg/kg		25-NOV-11	R2292752
Arsenic (As)-Total	0.034		0.010	mg/kg		25-NOV-11	R2292752
Barium (Ba)-Total	<0.020		0.020	mg/kg		25-NOV-11	R2292752
Beryllium (Be)-Total	<0.10		0.10	mg/kg		25-NOV-11	R2292752
Bismuth (Bi)-Total	<0.060		0.060	mg/kg		25-NOV-11	R2292752
Cadmium (Cd)-Total	0.114		0.0060	mg/kg		25-NOV-11	R2292752
Cobalt (Co)-Total	0.115		0.020	mg/kg		25-NOV-11	R2292752
Copper (Cu)-Total	7.40		0.040	mg/kg		25-NOV-11	R2292752
Lead (Pb)-Total	0.022		0.020	mg/kg		25-NOV-11	R2292752
Lithium (Li)-Total	<0.10		0.10	mg/kg		25-NOV-11	R2292752
Magnesium (Mg)-Total	212		1.0	mg/kg		25-NOV-11	R2292752

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-98 L195817-104 2004 LKTR LIVER LT-410 AUG 13-#1 LIVER							
Sampled By: CLIENT on 13-AUG-11							
Matrix: TISSUE							
<b>Metals in Tissue by ICPMS wet weight</b>							
Manganese (Mn)-Total	2.49		0.010	mg/kg		25-NOV-11	R2292752
Molybdenum (Mo)-Total	0.115		0.010	mg/kg		25-NOV-11	R2292752
Nickel (Ni)-Total	<0.10		0.10	mg/kg		25-NOV-11	R2292752
Selenium (Se)-Total	0.90		0.20	mg/kg		25-NOV-11	R2292752
Strontium (Sr)-Total	0.179		0.010	mg/kg		25-NOV-11	R2292752
Thallium (Tl)-Total	0.140		0.010	mg/kg		25-NOV-11	R2292752
Tin (Sn)-Total	<0.050		0.050	mg/kg		25-NOV-11	R2292752
Uranium (U)-Total	<0.0020		0.0020	mg/kg		25-NOV-11	R2292752
Vanadium (V)-Total	<0.10		0.10	mg/kg		25-NOV-11	R2292752
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	2.1		2.0	mg/kg		23-NOV-11	R2293595
Calcium (Ca)-Total	106		2.0	mg/kg		23-NOV-11	R2293595
Chromium (Cr)-Total	<0.10		0.10	mg/kg		23-NOV-11	R2293595
Iron (Fe)-Total	539		1.0	mg/kg		23-NOV-11	R2293595
Phosphorus (P)-Total	4110		5.0	mg/kg		23-NOV-11	R2293595
Potassium (K)-Total	3650		20	mg/kg		23-NOV-11	R2293595
Sodium (Na)-Total	1130		20	mg/kg		23-NOV-11	R2293595
Titanium (Ti)-Total	<0.10		0.10	mg/kg		23-NOV-11	R2293595
Zinc (Zn)-Total	32.6		0.10	mg/kg		23-NOV-11	R2293595
<b>Miscellaneous Parameters</b>							
% Moisture	74.5		0.10	%		01-DEC-11	R2296026
Mercury (Hg)-Total	0.661		0.0020	mg/kg	17-NOV-11	28-NOV-11	R2293324
Silver (Ag)-Total	<0.050		0.050	mg/kg		25-NOV-11	R2292752
L1072670-99 L195817-106 2004 LKTR LIVER LT-410 AUG 13-#2 LIVER							
Sampled By: CLIENT on 13-AUG-11							
Matrix: TISSUE							
<b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>							
<b>Metals in Tissue by ICPMS wet weight</b>							
Antimony (Sb)-Total	<0.010		0.010	mg/kg		25-NOV-11	R2292752
Arsenic (As)-Total	0.033		0.010	mg/kg		25-NOV-11	R2292752
Barium (Ba)-Total	<0.020		0.020	mg/kg		25-NOV-11	R2292752
Beryllium (Be)-Total	<0.10		0.10	mg/kg		25-NOV-11	R2292752
Bismuth (Bi)-Total	<0.060		0.060	mg/kg		25-NOV-11	R2292752
Cadmium (Cd)-Total	0.0594		0.0060	mg/kg		25-NOV-11	R2292752
Cobalt (Co)-Total	0.155		0.020	mg/kg		25-NOV-11	R2292752
Copper (Cu)-Total	9.20		0.040	mg/kg		25-NOV-11	R2292752
Lead (Pb)-Total	<0.020		0.020	mg/kg		25-NOV-11	R2292752
Lithium (Li)-Total	<0.10		0.10	mg/kg		25-NOV-11	R2292752
Magnesium (Mg)-Total	116		1.0	mg/kg		25-NOV-11	R2292752
Manganese (Mn)-Total	0.688		0.010	mg/kg		25-NOV-11	R2292752
Molybdenum (Mo)-Total	0.124		0.010	mg/kg		25-NOV-11	R2292752
Nickel (Ni)-Total	<0.10		0.10	mg/kg		25-NOV-11	R2292752
Selenium (Se)-Total	1.24		0.20	mg/kg		25-NOV-11	R2292752
Strontium (Sr)-Total	0.139		0.010	mg/kg		25-NOV-11	R2292752
Thallium (Tl)-Total	0.069		0.010	mg/kg		25-NOV-11	R2292752
Tin (Sn)-Total	<0.050		0.050	mg/kg		25-NOV-11	R2292752
Uranium (U)-Total	<0.0020		0.0020	mg/kg		25-NOV-11	R2292752
Vanadium (V)-Total	<0.10		0.10	mg/kg		25-NOV-11	R2292752
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	<2.0		2.0	mg/kg		23-NOV-11	R2293595
Calcium (Ca)-Total	41.1		2.0	mg/kg		23-NOV-11	R2293595

\* Refer to Referenced Information for Qualifiers (if any) and Methodology.

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-99 L195817-106 2004 LKTR LIVER LT-410-AUG 13-#2 LIVER							
Sampled By: CLIENT on 13-AUG-11							
Matrix: TISSUE							
<b>Metals in Tissue by ICPOES wet weight</b>							
Chromium (Cr)-Total	<0.10		0.10	mg/kg		23-NOV-11	R2293595
Iron (Fe)-Total	313		1.0	mg/kg		23-NOV-11	R2293595
Phosphorus (P)-Total	2180		5.0	mg/kg		23-NOV-11	R2293595
Potassium (K)-Total	2370		20	mg/kg		23-NOV-11	R2293595
Sodium (Na)-Total	1170		20	mg/kg		23-NOV-11	R2293595
Titanium (Ti)-Total	<0.10		0.10	mg/kg		23-NOV-11	R2293595
Zinc (Zn)-Total	24.3		0.10	mg/kg		23-NOV-11	R2293595
<b>Miscellaneous Parameters</b>							
% Moisture	68.8		0.10	%		01-DEC-11	R2296026
Mercury (Hg)-Total	0.276		0.0020	mg/kg	17-NOV-11	25-NOV-11	R2293324
Silver (Ag)-Total	<0.050		0.050	mg/kg		25-NOV-11	R2292752
L1072670-100 L195817-108 2004 LKTR LIVER LT-410-AUG 13-#3 LIVER							
Sampled By: CLIENT on 13-AUG-11							
Matrix: TISSUE							
<b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>							
<b>Metals in Tissue by ICPMS wet weight</b>							
Antimony (Sb)-Total	<0.010		0.010	mg/kg		25-NOV-11	R2292752
Arsenic (As)-Total	0.036		0.010	mg/kg		25-NOV-11	R2292752
Barium (Ba)-Total	<0.020		0.020	mg/kg		25-NOV-11	R2292752
Beryllium (Be)-Total	<0.10		0.10	mg/kg		25-NOV-11	R2292752
Bismuth (Bi)-Total	<0.060		0.060	mg/kg		25-NOV-11	R2292752
Cadmium (Cd)-Total	0.0725		0.0060	mg/kg		25-NOV-11	R2292752
Cobalt (Co)-Total	0.090		0.020	mg/kg		25-NOV-11	R2292752
Copper (Cu)-Total	10.2		0.040	mg/kg		25-NOV-11	R2292752
Lead (Pb)-Total	<0.020		0.020	mg/kg		25-NOV-11	R2292752
Lithium (Li)-Total	<0.10		0.10	mg/kg		25-NOV-11	R2292752
Magnesium (Mg)-Total	133		1.0	mg/kg		25-NOV-11	R2292752
Manganese (Mn)-Total	0.946		0.010	mg/kg		25-NOV-11	R2292752
Molybdenum (Mo)-Total	0.136		0.010	mg/kg		25-NOV-11	R2292752
Nickel (Ni)-Total	0.17		0.10	mg/kg		25-NOV-11	R2292752
Selenium (Se)-Total	1.43		0.20	mg/kg		25-NOV-11	R2292752
Strontium (Sr)-Total	0.152		0.010	mg/kg		25-NOV-11	R2292752
Thallium (Tl)-Total	0.060		0.010	mg/kg		25-NOV-11	R2292752
Tin (Sn)-Total	<0.050		0.050	mg/kg		25-NOV-11	R2292752
Uranium (U)-Total	<0.0020		0.0020	mg/kg		25-NOV-11	R2292752
Vanadium (V)-Total	<0.10		0.10	mg/kg		25-NOV-11	R2292752
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	<2.0		2.0	mg/kg		23-NOV-11	R2293595
Calcium (Ca)-Total	50.1		2.0	mg/kg		23-NOV-11	R2293595
Chromium (Cr)-Total	0.20		0.10	mg/kg		23-NOV-11	R2293595
Iron (Fe)-Total	285		1.0	mg/kg		23-NOV-11	R2293595
Phosphorus (P)-Total	2430		5.0	mg/kg		23-NOV-11	R2293595
Potassium (K)-Total	2350		20	mg/kg		23-NOV-11	R2293595
Sodium (Na)-Total	1280		20	mg/kg		23-NOV-11	R2293595
Titanium (Ti)-Total	<0.10		0.10	mg/kg		23-NOV-11	R2293595
Zinc (Zn)-Total	27.5		0.10	mg/kg		23-NOV-11	R2293595
<b>Miscellaneous Parameters</b>							
% Moisture	74.8		0.10	%		01-DEC-11	R2296026
Mercury (Hg)-Total	0.308		0.0020	mg/kg	17-NOV-11	25-NOV-11	R2293324
Silver (Ag)-Total	<0.050		0.050	mg/kg		25-NOV-11	R2292752

\* Refer to Referenced Information for Qualifiers (if any) and Methodology.

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Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-101 L195817-110 2004 LKTR LIVER LT-410-AUG 13-#4 LIVER							
Sampled By: CLIENT on 13-AUG-11							
Matrix: TISSUE							
<b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>							
<b>Metals in Tissue by ICPMS wet weight</b>							
Antimony (Sb)-Total	<0.010		0.010	mg/kg		25-NOV-11	R2292752
Arsenic (As)-Total	0.047		0.010	mg/kg		25-NOV-11	R2292752
Barium (Ba)-Total	<0.020		0.020	mg/kg		25-NOV-11	R2292752
Beryllium (Be)-Total	<0.10		0.10	mg/kg		25-NOV-11	R2292752
Bismuth (Bi)-Total	<0.060		0.060	mg/kg		25-NOV-11	R2292752
Cadmium (Cd)-Total	0.163		0.0060	mg/kg		25-NOV-11	R2292752
Cobalt (Co)-Total	0.075		0.020	mg/kg		25-NOV-11	R2292752
Copper (Cu)-Total	18.9		0.040	mg/kg		25-NOV-11	R2292752
Lead (Pb)-Total	<0.020		0.020	mg/kg		25-NOV-11	R2292752
Lithium (Li)-Total	<0.10		0.10	mg/kg		25-NOV-11	R2292752
Magnesium (Mg)-Total	135		1.0	mg/kg		25-NOV-11	R2292752
Manganese (Mn)-Total	1.16		0.010	mg/kg		25-NOV-11	R2292752
Molybdenum (Mo)-Total	0.175		0.010	mg/kg		25-NOV-11	R2292752
Nickel (Ni)-Total	<0.10		0.10	mg/kg		25-NOV-11	R2292752
Selenium (Se)-Total	1.60		0.20	mg/kg		25-NOV-11	R2292752
Strontium (Sr)-Total	0.291		0.010	mg/kg		25-NOV-11	R2292752
Thallium (Tl)-Total	0.048		0.010	mg/kg		25-NOV-11	R2292752
Tin (Sn)-Total	<0.050		0.050	mg/kg		25-NOV-11	R2292752
Uranium (U)-Total	<0.0020		0.0020	mg/kg		25-NOV-11	R2292752
Vanadium (V)-Total	<0.10		0.10	mg/kg		25-NOV-11	R2292752
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	2.0		2.0	mg/kg		23-NOV-11	R2293595
Calcium (Ca)-Total	151		2.0	mg/kg		23-NOV-11	R2293595
Chromium (Cr)-Total	<0.10		0.10	mg/kg		23-NOV-11	R2293595
Iron (Fe)-Total	460		1.0	mg/kg		23-NOV-11	R2293595
Phosphorus (P)-Total	2590		5.0	mg/kg		23-NOV-11	R2293595
Potassium (K)-Total	2340		20	mg/kg		23-NOV-11	R2293595
Sodium (Na)-Total	1600		20	mg/kg		23-NOV-11	R2293595
Titanium (Ti)-Total	<0.10		0.10	mg/kg		23-NOV-11	R2293595
Zinc (Zn)-Total	35.0		0.10	mg/kg		23-NOV-11	R2293595
<b>Miscellaneous Parameters</b>							
% Moisture	80.9		0.10	%		01-DEC-11	R2296026
Mercury (Hg)-Total	0.659		0.0020	mg/kg	17-NOV-11	28-NOV-11	R2293324
Silver (Ag)-Total	0.083		0.050	mg/kg		25-NOV-11	R2292752
L1072670-102 L195817-112 2004 LKTR LIVER LT-410-AUG 13-#5 LIVER							
Sampled By: CLIENT on 13-AUG-11							
Matrix: TISSUE							
<b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>							
<b>Metals in Tissue by ICPMS wet weight</b>							
Antimony (Sb)-Total	<0.010		0.010	mg/kg		24-NOV-11	R2292687
Arsenic (As)-Total	0.034		0.010	mg/kg		24-NOV-11	R2292687
Barium (Ba)-Total	0.022		0.020	mg/kg		24-NOV-11	R2292687
Beryllium (Be)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292687
Bismuth (Bi)-Total	<0.060		0.060	mg/kg		24-NOV-11	R2292687
Cadmium (Cd)-Total	0.0578		0.0060	mg/kg		24-NOV-11	R2292687
Cobalt (Co)-Total	0.108		0.020	mg/kg		24-NOV-11	R2292687
Copper (Cu)-Total	6.62		0.040	mg/kg		24-NOV-11	R2292687
Lead (Pb)-Total	0.023		0.020	mg/kg		24-NOV-11	R2292687
Lithium (Li)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292687
Magnesium (Mg)-Total	127		1.0	mg/kg		24-NOV-11	R2292687

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Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-102 L195817-112 2004 LKTR LIVER LT-410 AUG 13-#5 LIVER							
Sampled By: CLIENT on 13-AUG-11							
Matrix: TISSUE							
<b>Metals in Tissue by ICPMS wet weight</b>							
Manganese (Mn)-Total	1.06	0.010	mg/kg		24-NOV-11	R2292687	
Molybdenum (Mo)-Total	0.128	0.010	mg/kg		24-NOV-11	R2292687	
Nickel (Ni)-Total	0.17	0.10	mg/kg		24-NOV-11	R2292687	
Selenium (Se)-Total	1.29	0.20	mg/kg		24-NOV-11	R2292687	
Strontium (Sr)-Total	0.243	0.010	mg/kg		24-NOV-11	R2292687	
Thallium (Tl)-Total	0.070	0.010	mg/kg		24-NOV-11	R2292687	
Tin (Sn)-Total	<0.050	0.050	mg/kg		24-NOV-11	R2292687	
Uranium (U)-Total	<0.0020	0.0020	mg/kg		24-NOV-11	R2292687	
Vanadium (V)-Total	<0.10	0.10	mg/kg		24-NOV-11	R2292687	
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	<2.0	2.0	mg/kg		22-NOV-11	R2291779	
Calcium (Ca)-Total	72.6	2.0	mg/kg		22-NOV-11	R2291779	
Chromium (Cr)-Total	0.19	0.10	mg/kg		22-NOV-11	R2291779	
Iron (Fe)-Total	176	1.0	mg/kg		22-NOV-11	R2291779	
Phosphorus (P)-Total	2280	5.0	mg/kg		22-NOV-11	R2291779	
Potassium (K)-Total	2450	20	mg/kg		22-NOV-11	R2291779	
Sodium (Na)-Total	1250	20	mg/kg		22-NOV-11	R2291779	
Titanium (Ti)-Total	<0.10	0.10	mg/kg		22-NOV-11	R2291779	
Zinc (Zn)-Total	25.5	0.10	mg/kg		22-NOV-11	R2291779	
<b>Miscellaneous Parameters</b>							
% Moisture	74.5	0.10	%		01-DEC-11	R2296026	
Mercury (Hg)-Total	0.232	0.0020	mg/kg	18-NOV-11	29-NOV-11	R2294692	
Silver (Ag)-Total	<0.050	0.050	mg/kg		24-NOV-11	R2292687	
L1072670-103 L195817-114 2004 LKTR LIVER LT-410 AUG 13-#6 LIVER							
Sampled By: CLIENT on 13-AUG-11							
Matrix: TISSUE							
<b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>							
<b>Metals in Tissue by ICPMS wet weight</b>							
Antimony (Sb)-Total	<0.010	0.010	mg/kg		24-NOV-11	R2292687	
Arsenic (As)-Total	0.040	0.010	mg/kg		24-NOV-11	R2292687	
Barium (Ba)-Total	<0.020	0.020	mg/kg		24-NOV-11	R2292687	
Beryllium (Be)-Total	<0.10	0.10	mg/kg		24-NOV-11	R2292687	
Bismuth (Bi)-Total	<0.060	0.060	mg/kg		24-NOV-11	R2292687	
Cadmium (Cd)-Total	0.0404	0.0060	mg/kg		24-NOV-11	R2292687	
Cobalt (Co)-Total	0.088	0.020	mg/kg		24-NOV-11	R2292687	
Copper (Cu)-Total	9.58	0.040	mg/kg		24-NOV-11	R2292687	
Lead (Pb)-Total	0.021	0.020	mg/kg		24-NOV-11	R2292687	
Lithium (Li)-Total	<0.10	0.10	mg/kg		24-NOV-11	R2292687	
Magnesium (Mg)-Total	150	1.0	mg/kg		24-NOV-11	R2292687	
Manganese (Mn)-Total	1.28	0.010	mg/kg		24-NOV-11	R2292687	
Molybdenum (Mo)-Total	0.123	0.010	mg/kg		24-NOV-11	R2292687	
Nickel (Ni)-Total	<0.10	0.10	mg/kg		24-NOV-11	R2292687	
Selenium (Se)-Total	1.61	0.20	mg/kg		24-NOV-11	R2292687	
Strontium (Sr)-Total	0.167	0.010	mg/kg		24-NOV-11	R2292687	
Thallium (Tl)-Total	0.086	0.010	mg/kg		24-NOV-11	R2292687	
Tin (Sn)-Total	<0.050	0.050	mg/kg		24-NOV-11	R2292687	
Uranium (U)-Total	<0.0020	0.0020	mg/kg		24-NOV-11	R2292687	
Vanadium (V)-Total	<0.10	0.10	mg/kg		24-NOV-11	R2292687	
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	<2.0	2.0	mg/kg		22-NOV-11	R2291779	
Calcium (Ca)-Total	47.5	2.0	mg/kg		22-NOV-11	R2291779	

\* Refer to Referenced Information for Qualifiers (if any) and Methodology.

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Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-103 L195817-114 2004 LKTR LIVER LT-410 AUG 13-#6 LIVER							
Sampled By: CLIENT on 13-AUG-11							
Matrix: TISSUE							
<b>Metals in Tissue by ICPOES wet weight</b>							
Chromium (Cr)-Total	<0.10		0.10	mg/kg		22-NOV-11	R2291779
Iron (Fe)-Total	170		1.0	mg/kg		22-NOV-11	R2291779
Phosphorus (P)-Total	2800		5.0	mg/kg		22-NOV-11	R2291779
Potassium (K)-Total	2160		20	mg/kg		22-NOV-11	R2291779
Sodium (Na)-Total	1190		20	mg/kg		22-NOV-11	R2291779
Titanium (Ti)-Total	<0.10		0.10	mg/kg		22-NOV-11	R2291779
Zinc (Zn)-Total	25.8		0.10	mg/kg		22-NOV-11	R2291779
<b>Miscellaneous Parameters</b>							
Mercury (Hg)-Total	0.178		0.0020	mg/kg	18-NOV-11	29-NOV-11	R2294692
Silver (Ag)-Total	<0.050		0.050	mg/kg		24-NOV-11	R2292687
L1072670-104 L195817-116 2004 LKTR LIVER KL-5 LIVER							
Sampled By: CLIENT on 02-AUG-11							
Matrix: TISSUE							
<b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>							
<b>Metals in Tissue by ICPMS wet weight</b>							
Antimony (Sb)-Total	<0.010		0.010	mg/kg		24-NOV-11	R2292687
Arsenic (As)-Total	0.043		0.010	mg/kg		24-NOV-11	R2292687
Barium (Ba)-Total	<0.020		0.020	mg/kg		24-NOV-11	R2292687
Beryllium (Be)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292687
Bismuth (Bi)-Total	<0.060		0.060	mg/kg		24-NOV-11	R2292687
Cadmium (Cd)-Total	0.179		0.0060	mg/kg		24-NOV-11	R2292687
Cobalt (Co)-Total	0.123		0.020	mg/kg		24-NOV-11	R2292687
Copper (Cu)-Total	24.0		0.040	mg/kg		24-NOV-11	R2292687
Lead (Pb)-Total	<0.020		0.020	mg/kg		24-NOV-11	R2292687
Lithium (Li)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292687
Magnesium (Mg)-Total	159		1.0	mg/kg		24-NOV-11	R2292687
Manganese (Mn)-Total	1.49		0.010	mg/kg		24-NOV-11	R2292687
Molybdenum (Mo)-Total	0.186		0.010	mg/kg		24-NOV-11	R2292687
Nickel (Ni)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292687
Selenium (Se)-Total	4.48		0.20	mg/kg		24-NOV-11	R2292687
Strontium (Sr)-Total	0.250		0.010	mg/kg		24-NOV-11	R2292687
Thallium (Tl)-Total	0.115		0.010	mg/kg		24-NOV-11	R2292687
Tin (Sn)-Total	<0.050		0.050	mg/kg		24-NOV-11	R2292687
Uranium (U)-Total	<0.0020		0.0020	mg/kg		24-NOV-11	R2292687
Vanadium (V)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292687
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	<2.0		2.0	mg/kg		22-NOV-11	R2291779
Calcium (Ca)-Total	155		2.0	mg/kg		22-NOV-11	R2291779
Chromium (Cr)-Total	<0.10		0.10	mg/kg		22-NOV-11	R2291779
Iron (Fe)-Total	399		1.0	mg/kg		22-NOV-11	R2291779
Phosphorus (P)-Total	3000		5.0	mg/kg		22-NOV-11	R2291779
Potassium (K)-Total	2790		20	mg/kg		22-NOV-11	R2291779
Sodium (Na)-Total	1040		20	mg/kg		22-NOV-11	R2291779
Titanium (Ti)-Total	<0.10		0.10	mg/kg		22-NOV-11	R2291779
Zinc (Zn)-Total	32.0		0.10	mg/kg		22-NOV-11	R2291779
<b>Miscellaneous Parameters</b>							
% Moisture	70.4		0.10	%		01-DEC-11	R2296026
Mercury (Hg)-Total	1.51		0.0020	mg/kg	18-NOV-11	29-NOV-11	R2294692
Silver (Ag)-Total	0.178		0.050	mg/kg		24-NOV-11	R2292687

\* Refer to Referenced Information for Qualifiers (if any) and Methodology.

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-105 L195817-118 2004 LKTR LIVER LT-KL-AUG 14-#1 LIVER Sampled By: CLIENT on 14-AUG-11 Matrix: TISSUE <b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b> <b>Metals in Tissue by ICPMS wet weight</b> Antimony (Sb)-Total <0.010 0.010 mg/kg 24-NOV-11 R2292687 Arsenic (As)-Total 0.043 0.010 mg/kg 24-NOV-11 R2292687 Barium (Ba)-Total 0.027 0.020 mg/kg 24-NOV-11 R2292687 Beryllium (Be)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292687 Bismuth (Bi)-Total <0.060 0.060 mg/kg 24-NOV-11 R2292687 Cadmium (Cd)-Total 0.132 0.0060 mg/kg 24-NOV-11 R2292687 Cobalt (Co)-Total 0.150 0.020 mg/kg 24-NOV-11 R2292687 Copper (Cu)-Total 6.69 0.040 mg/kg 24-NOV-11 R2292687 Lead (Pb)-Total <0.020 0.020 mg/kg 24-NOV-11 R2292687 Lithium (Li)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292687 Magnesium (Mg)-Total 150 1.0 mg/kg 24-NOV-11 R2292687 Manganese (Mn)-Total 1.51 0.010 mg/kg 24-NOV-11 R2292687 Molybdenum (Mo)-Total 0.183 0.010 mg/kg 24-NOV-11 R2292687 Nickel (Ni)-Total 0.32 0.10 mg/kg 24-NOV-11 R2292687 Selenium (Se)-Total 1.33 0.20 mg/kg 24-NOV-11 R2292687 Strontium (Sr)-Total 0.181 0.010 mg/kg 24-NOV-11 R2292687 Thallium (Tl)-Total 0.031 0.010 mg/kg 24-NOV-11 R2292687 Tin (Sn)-Total <0.050 0.050 mg/kg 24-NOV-11 R2292687 Uranium (U)-Total <0.0020 0.0020 mg/kg 24-NOV-11 R2292687 Vanadium (V)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292687 <b>Metals in Tissue by ICPOES wet weight</b> Aluminum (Al)-Total <2.0 2.0 mg/kg 22-NOV-11 R2291779 Calcium (Ca)-Total 57.5 2.0 mg/kg 22-NOV-11 R2291779 Chromium (Cr)-Total 0.41 0.10 mg/kg 22-NOV-11 R2291779 Iron (Fe)-Total 603 1.0 mg/kg 22-NOV-11 R2291779 Phosphorus (P)-Total 3850 5.0 mg/kg 22-NOV-11 R2291779 Potassium (K)-Total 3690 20 mg/kg 22-NOV-11 R2291779 Sodium (Na)-Total 1460 20 mg/kg 22-NOV-11 R2291779 Titanium (Ti)-Total <0.10 0.10 mg/kg 22-NOV-11 R2291779 Zinc (Zn)-Total 30.2 0.10 mg/kg 22-NOV-11 R2291779 <b>Miscellaneous Parameters</b> % Moisture 81.1 0.10 % 01-DEC-11 R2296026 Mercury (Hg)-Total 0.0955 0.0020 mg/kg 18-NOV-11 29-NOV-11 R2294692 Silver (Ag)-Total 0.051 0.050 mg/kg 24-NOV-11 R2292687							
L1072670-106 L195817-120 2004 LKTR LIVER LT-KL-AUG 14-#2 LIVER Sampled By: CLIENT on 14-AUG-11 Matrix: TISSUE <b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b> <b>Metals in Tissue by ICPMS wet weight</b> Antimony (Sb)-Total <0.010 0.010 mg/kg 24-NOV-11 R2292687 Arsenic (As)-Total 0.042 0.010 mg/kg 24-NOV-11 R2292687 Barium (Ba)-Total <0.020 0.020 mg/kg 24-NOV-11 R2292687 Beryllium (Be)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292687 Bismuth (Bi)-Total <0.060 0.060 mg/kg 24-NOV-11 R2292687 Cadmium (Cd)-Total 0.0988 0.0060 mg/kg 24-NOV-11 R2292687 Cobalt (Co)-Total 0.361 0.020 mg/kg 24-NOV-11 R2292687 Copper (Cu)-Total 7.83 0.040 mg/kg 24-NOV-11 R2292687 Lead (Pb)-Total <0.020 0.020 mg/kg 24-NOV-11 R2292687 Lithium (Li)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292687 Magnesium (Mg)-Total 188 1.0 mg/kg 24-NOV-11 R2292687							

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-106 L195817-120 2004 LKTR LIVER LT-KL-AUG 14-#2 LIVER							
Sampled By: CLIENT on 14-AUG-11							
Matrix: TISSUE							
<b>Metals in Tissue by ICPMS wet weight</b>							
Manganese (Mn)-Total	1.71	0.010	mg/kg		24-NOV-11	R2292687	
Molybdenum (Mo)-Total	0.078	0.010	mg/kg		24-NOV-11	R2292687	
Nickel (Ni)-Total	0.18	0.10	mg/kg		24-NOV-11	R2292687	
Selenium (Se)-Total	0.66	0.20	mg/kg		24-NOV-11	R2292687	
Strontium (Sr)-Total	0.149	0.010	mg/kg		24-NOV-11	R2292687	
Thallium (Tl)-Total	0.088	0.010	mg/kg		24-NOV-11	R2292687	
Tin (Sn)-Total	<0.050	0.050	mg/kg		24-NOV-11	R2292687	
Uranium (U)-Total	<0.0020	0.0020	mg/kg		24-NOV-11	R2292687	
Vanadium (V)-Total	<0.10	0.10	mg/kg		24-NOV-11	R2292687	
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	<2.0	2.0	mg/kg		22-NOV-11	R2291779	
Calcium (Ca)-Total	89.8	2.0	mg/kg		22-NOV-11	R2291779	
Chromium (Cr)-Total	0.24	0.10	mg/kg		22-NOV-11	R2291779	
Iron (Fe)-Total	266	1.0	mg/kg		22-NOV-11	R2291779	
Phosphorus (P)-Total	3260	5.0	mg/kg		22-NOV-11	R2291779	
Potassium (K)-Total	3490	20	mg/kg		22-NOV-11	R2291779	
Sodium (Na)-Total	1480	20	mg/kg		22-NOV-11	R2291779	
Titanium (Ti)-Total	<0.10	0.10	mg/kg		22-NOV-11	R2291779	
Zinc (Zn)-Total	22.9	0.10	mg/kg		22-NOV-11	R2291779	
<b>Miscellaneous Parameters</b>							
% Moisture	81.6	0.10	%		01-DEC-11	R2296026	
Mercury (Hg)-Total	0.131	0.0020	mg/kg	18-NOV-11	29-NOV-11	R2294692	
Silver (Ag)-Total	0.083	0.050	mg/kg		24-NOV-11	R2292687	
L1072670-107 L195817-122 2004 LKTR LIVER LT-KL-AUG 14-#3 LIVER							
Sampled By: CLIENT on 14-AUG-11							
Matrix: TISSUE							
<b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>							
<b>Metals in Tissue by ICPMS wet weight</b>							
Antimony (Sb)-Total	<0.010	0.010	mg/kg		24-NOV-11	R2292687	
Arsenic (As)-Total	0.049	0.010	mg/kg		24-NOV-11	R2292687	
Barium (Ba)-Total	<0.020	0.020	mg/kg		24-NOV-11	R2292687	
Beryllium (Be)-Total	<0.10	0.10	mg/kg		24-NOV-11	R2292687	
Bismuth (Bi)-Total	<0.060	0.060	mg/kg		24-NOV-11	R2292687	
Cadmium (Cd)-Total	0.0849	0.0060	mg/kg		24-NOV-11	R2292687	
Cobalt (Co)-Total	0.113	0.020	mg/kg		24-NOV-11	R2292687	
Copper (Cu)-Total	12.0	0.040	mg/kg		24-NOV-11	R2292687	
Lead (Pb)-Total	<0.020	0.020	mg/kg		24-NOV-11	R2292687	
Lithium (Li)-Total	<0.10	0.10	mg/kg		24-NOV-11	R2292687	
Magnesium (Mg)-Total	190	1.0	mg/kg		24-NOV-11	R2292687	
Manganese (Mn)-Total	1.62	0.010	mg/kg		24-NOV-11	R2292687	
Molybdenum (Mo)-Total	0.184	0.010	mg/kg		24-NOV-11	R2292687	
Nickel (Ni)-Total	<0.10	0.10	mg/kg		24-NOV-11	R2292687	
Selenium (Se)-Total	1.99	0.20	mg/kg		24-NOV-11	R2292687	
Strontium (Sr)-Total	0.151	0.010	mg/kg		24-NOV-11	R2292687	
Thallium (Tl)-Total	0.078	0.010	mg/kg		24-NOV-11	R2292687	
Tin (Sn)-Total	<0.050	0.050	mg/kg		24-NOV-11	R2292687	
Uranium (U)-Total	<0.0020	0.0020	mg/kg		24-NOV-11	R2292687	
Vanadium (V)-Total	<0.10	0.10	mg/kg		24-NOV-11	R2292687	
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	<2.0	2.0	mg/kg		22-NOV-11	R2291779	
Calcium (Ca)-Total	48.6	2.0	mg/kg		22-NOV-11	R2291779	

\* Refer to Referenced Information for Qualifiers (if any) and Methodology.

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-107 L195817-122 2004 LKTR LIVER LT-KL-AUG 14-#3 LIVER Sampled By: CLIENT on 14-AUG-11 Matrix: TISSUE <b>Metals in Tissue by ICPOES wet weight</b> Chromium (Cr)-Total <0.10 0.10 mg/kg 22-NOV-11 R2291779 Iron (Fe)-Total 379 1.0 mg/kg 22-NOV-11 R2291779 Phosphorus (P)-Total 3170 5.0 mg/kg 22-NOV-11 R2291779 Potassium (K)-Total 2990 20 mg/kg 22-NOV-11 R2291779 Sodium (Na)-Total 1470 20 mg/kg 22-NOV-11 R2291779 Titanium (Ti)-Total <0.10 0.10 mg/kg 22-NOV-11 R2291779 Zinc (Zn)-Total 26.8 0.10 mg/kg 22-NOV-11 R2291779 <b>Miscellaneous Parameters</b> % Moisture 76.9 0.10 % 01-DEC-11 R2296026 Mercury (Hg)-Total 0.137 0.0020 mg/kg 18-NOV-11 29-NOV-11 R2294692 Silver (Ag)-Total 0.130 0.050 mg/kg 24-NOV-11 R2292687							
L1072670-108 L195817-124 2004 LKTR LIVER LT-KL-AUG 14-#4 LIVER Sampled By: CLIENT on 14-AUG-11 Matrix: TISSUE <b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b> <b>Metals in Tissue by ICPMS wet weight</b> Antimony (Sb)-Total <0.010 0.010 mg/kg 24-NOV-11 R2292687 Arsenic (As)-Total 0.052 0.010 mg/kg 24-NOV-11 R2292687 Barium (Ba)-Total <0.020 0.020 mg/kg 24-NOV-11 R2292687 Beryllium (Be)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292687 Bismuth (Bi)-Total <0.060 0.060 mg/kg 24-NOV-11 R2292687 Cadmium (Cd)-Total 0.117 0.0060 mg/kg 24-NOV-11 R2292687 Cobalt (Co)-Total 0.104 0.020 mg/kg 24-NOV-11 R2292687 Copper (Cu)-Total 8.90 0.040 mg/kg 24-NOV-11 R2292687 Lead (Pb)-Total <0.020 0.020 mg/kg 24-NOV-11 R2292687 Lithium (Li)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292687 Magnesium (Mg)-Total 167 1.0 mg/kg 24-NOV-11 R2292687 Manganese (Mn)-Total 1.67 0.010 mg/kg 24-NOV-11 R2292687 Molybdenum (Mo)-Total 0.191 0.010 mg/kg 24-NOV-11 R2292687 Nickel (Ni)-Total 0.14 0.10 mg/kg 24-NOV-11 R2292687 Selenium (Se)-Total 1.42 0.20 mg/kg 24-NOV-11 R2292687 Strontium (Sr)-Total 0.312 0.010 mg/kg 24-NOV-11 R2292687 Thallium (Tl)-Total 0.047 0.010 mg/kg 24-NOV-11 R2292687 Tin (Sn)-Total <0.050 0.050 mg/kg 24-NOV-11 R2292687 Uranium (U)-Total <0.0020 0.0020 mg/kg 24-NOV-11 R2292687 Vanadium (V)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292687 <b>Metals in Tissue by ICPOES wet weight</b> Aluminum (Al)-Total <2.0 2.0 mg/kg 22-NOV-11 R2291779 Calcium (Ca)-Total 117 2.0 mg/kg 22-NOV-11 R2291779 Chromium (Cr)-Total 0.16 0.10 mg/kg 22-NOV-11 R2291779 Iron (Fe)-Total 519 1.0 mg/kg 22-NOV-11 R2291779 Phosphorus (P)-Total 2860 5.0 mg/kg 22-NOV-11 R2291779 Potassium (K)-Total 2540 20 mg/kg 22-NOV-11 R2291779 Sodium (Na)-Total 1560 20 mg/kg 22-NOV-11 R2291779 Titanium (Ti)-Total <0.10 0.10 mg/kg 22-NOV-11 R2291779 Zinc (Zn)-Total 28.5 0.10 mg/kg 22-NOV-11 R2291779 <b>Miscellaneous Parameters</b> % Moisture 78.7 0.10 % 01-DEC-11 R2296026 Mercury (Hg)-Total 0.257 0.0020 mg/kg 18-NOV-11 29-NOV-11 R2294692 Silver (Ag)-Total 0.071 0.050 mg/kg 24-NOV-11 R2292687							

\* Refer to Referenced Information for Qualifiers (if any) and Methodology.

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-109 L195817-126 2004 LKTR LIVER LT-KL-AUG 14-#5 LIVER Sampled By: CLIENT on 14-AUG-11 Matrix: TISSUE <b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b> <b>Metals in Tissue by ICPMS wet weight</b> Antimony (Sb)-Total <0.010 0.010 mg/kg 24-NOV-11 R2292687 Arsenic (As)-Total 0.054 0.010 mg/kg 24-NOV-11 R2292687 Barium (Ba)-Total <0.020 0.020 mg/kg 24-NOV-11 R2292687 Beryllium (Be)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292687 Bismuth (Bi)-Total <0.060 0.060 mg/kg 24-NOV-11 R2292687 Cadmium (Cd)-Total 0.175 0.0060 mg/kg 24-NOV-11 R2292687 Cobalt (Co)-Total 0.151 0.020 mg/kg 24-NOV-11 R2292687 Copper (Cu)-Total 10.8 0.040 mg/kg 24-NOV-11 R2292687 Lead (Pb)-Total <0.020 0.020 mg/kg 24-NOV-11 R2292687 Lithium (Li)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292687 Magnesium (Mg)-Total 176 1.0 mg/kg 24-NOV-11 R2292687 Manganese (Mn)-Total 1.91 0.010 mg/kg 24-NOV-11 R2292687 Molybdenum (Mo)-Total 0.228 0.010 mg/kg 24-NOV-11 R2292687 Nickel (Ni)-Total 0.42 0.10 mg/kg 24-NOV-11 R2292687 Selenium (Se)-Total 1.76 0.20 mg/kg 24-NOV-11 R2292687 Strontium (Sr)-Total 0.181 0.010 mg/kg 24-NOV-11 R2292687 Thallium (Tl)-Total 0.064 0.010 mg/kg 24-NOV-11 R2292687 Tin (Sn)-Total <0.050 0.050 mg/kg 24-NOV-11 R2292687 Uranium (U)-Total <0.0020 0.0020 mg/kg 24-NOV-11 R2292687 Vanadium (V)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292687 <b>Metals in Tissue by ICPOES wet weight</b> Aluminum (Al)-Total <2.0 2.0 mg/kg 22-NOV-11 R2291779 Calcium (Ca)-Total 75.1 2.0 mg/kg 22-NOV-11 R2291779 Chromium (Cr)-Total 0.53 0.10 mg/kg 22-NOV-11 R2291779 Iron (Fe)-Total 606 1.0 mg/kg 22-NOV-11 R2291779 Phosphorus (P)-Total 3070 5.0 mg/kg 22-NOV-11 R2291779 Potassium (K)-Total 2620 20 mg/kg 22-NOV-11 R2291779 Sodium (Na)-Total 1640 20 mg/kg 22-NOV-11 R2291779 Titanium (Ti)-Total <0.10 0.10 mg/kg 22-NOV-11 R2291779 Zinc (Zn)-Total 28.0 0.10 mg/kg 22-NOV-11 R2291779 <b>Miscellaneous Parameters</b> % Moisture 81.0 0.10 % 01-DEC-11 R2296026 Mercury (Hg)-Total 0.321 0.0020 mg/kg 18-NOV-11 29-NOV-11 R2294692 Silver (Ag)-Total 0.091 0.050 mg/kg 24-NOV-11 R2292687							
L1072670-110 L195817-128 2004 LKTR LIVER LT-KL-9017-#1 LIVER Sampled By: CLIENT on 17-SEP-04 Matrix: TISSUE <b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b> <b>Metals in Tissue by ICPMS wet weight</b> Antimony (Sb)-Total <0.010 0.010 mg/kg 24-NOV-11 R2292687 Arsenic (As)-Total 0.050 0.010 mg/kg 24-NOV-11 R2292687 Barium (Ba)-Total <0.020 0.020 mg/kg 24-NOV-11 R2292687 Beryllium (Be)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292687 Bismuth (Bi)-Total <0.060 0.060 mg/kg 24-NOV-11 R2292687 Cadmium (Cd)-Total 0.256 0.0060 mg/kg 24-NOV-11 R2292687 Cobalt (Co)-Total 0.165 0.020 mg/kg 24-NOV-11 R2292687 Copper (Cu)-Total 36.5 0.040 mg/kg 24-NOV-11 R2292687 Lead (Pb)-Total <0.020 0.020 mg/kg 24-NOV-11 R2292687 Lithium (Li)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292687 Magnesium (Mg)-Total 197 1.0 mg/kg 24-NOV-11 R2292687							

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-110 L195817-128 2004 LKTR LIVER LT-KL-9017-#1 LIVER							
Sampled By: CLIENT on 17-SEP-04							
Matrix: TISSUE							
<b>Metals in Tissue by ICPMS wet weight</b>							
Manganese (Mn)-Total	2.04	0.010	mg/kg		24-NOV-11	R2292687	
Molybdenum (Mo)-Total	0.213	0.010	mg/kg		24-NOV-11	R2292687	
Nickel (Ni)-Total	<0.10	0.10	mg/kg		24-NOV-11	R2292687	
Selenium (Se)-Total	5.46	0.20	mg/kg		24-NOV-11	R2292687	
Strontium (Sr)-Total	0.065	0.010	mg/kg		24-NOV-11	R2292687	
Thallium (Tl)-Total	0.086	0.010	mg/kg		24-NOV-11	R2292687	
Tin (Sn)-Total	<0.050	0.050	mg/kg		24-NOV-11	R2292687	
Uranium (U)-Total	<0.0020	0.0020	mg/kg		24-NOV-11	R2292687	
Vanadium (V)-Total	<0.10	0.10	mg/kg		24-NOV-11	R2292687	
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	<2.0	2.0	mg/kg		22-NOV-11	R2291779	
Calcium (Ca)-Total	40.9	2.0	mg/kg		22-NOV-11	R2291779	
Chromium (Cr)-Total	<0.10	0.10	mg/kg		22-NOV-11	R2291779	
Iron (Fe)-Total	1170	1.0	mg/kg		22-NOV-11	R2291779	
Phosphorus (P)-Total	3650	5.0	mg/kg		22-NOV-11	R2291779	
Potassium (K)-Total	3710	20	mg/kg		22-NOV-11	R2291779	
Sodium (Na)-Total	794	20	mg/kg		22-NOV-11	R2291779	
Titanium (Ti)-Total	<0.10	0.10	mg/kg		22-NOV-11	R2291779	
Zinc (Zn)-Total	42.4	0.10	mg/kg		22-NOV-11	R2291779	
<b>Miscellaneous Parameters</b>							
% Moisture	75.8	0.10	%		01-DEC-11	R2296026	
Mercury (Hg)-Total	1.67	0.0020	mg/kg	18-NOV-11	29-NOV-11	R2294692	
Silver (Ag)-Total	0.309	0.050	mg/kg		24-NOV-11	R2292687	
L1072670-111 L195817-130 2004 LKTR LIVER LT-KL-9017-#2 LIVER							
Sampled By: CLIENT on 17-SEP-04							
Matrix: TISSUE							
<b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>							
<b>Metals in Tissue by ICPMS wet weight</b>							
Antimony (Sb)-Total	<0.010	0.010	mg/kg		24-NOV-11	R2292687	
Arsenic (As)-Total	0.039	0.010	mg/kg		24-NOV-11	R2292687	
Barium (Ba)-Total	<0.020	0.020	mg/kg		24-NOV-11	R2292687	
Beryllium (Be)-Total	<0.10	0.10	mg/kg		24-NOV-11	R2292687	
Bismuth (Bi)-Total	<0.060	0.060	mg/kg		24-NOV-11	R2292687	
Cadmium (Cd)-Total	0.111	0.0060	mg/kg		24-NOV-11	R2292687	
Cobalt (Co)-Total	0.129	0.020	mg/kg		24-NOV-11	R2292687	
Copper (Cu)-Total	18.9	0.040	mg/kg		24-NOV-11	R2292687	
Lead (Pb)-Total	<0.020	0.020	mg/kg		24-NOV-11	R2292687	
Lithium (Li)-Total	<0.10	0.10	mg/kg		24-NOV-11	R2292687	
Magnesium (Mg)-Total	193	1.0	mg/kg		24-NOV-11	R2292687	
Manganese (Mn)-Total	1.81	0.010	mg/kg		24-NOV-11	R2292687	
Molybdenum (Mo)-Total	0.117	0.010	mg/kg		24-NOV-11	R2292687	
Nickel (Ni)-Total	0.12	0.10	mg/kg		24-NOV-11	R2292687	
Selenium (Se)-Total	3.57	0.20	mg/kg		24-NOV-11	R2292687	
Strontium (Sr)-Total	0.084	0.010	mg/kg		24-NOV-11	R2292687	
Thallium (Tl)-Total	0.128	0.010	mg/kg		24-NOV-11	R2292687	
Tin (Sn)-Total	<0.050	0.050	mg/kg		24-NOV-11	R2292687	
Uranium (U)-Total	<0.0020	0.0020	mg/kg		24-NOV-11	R2292687	
Vanadium (V)-Total	<0.10	0.10	mg/kg		24-NOV-11	R2292687	
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	<2.0	2.0	mg/kg		22-NOV-11	R2291779	
Calcium (Ca)-Total	43.9	2.0	mg/kg		22-NOV-11	R2291779	

\* Refer to Referenced Information for Qualifiers (if any) and Methodology.

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-111 L195817-130 2004 LKTR LIVER LT-KL-9017-#2 LIVER							
Sampled By: CLIENT on 17-SEP-04							
Matrix: TISSUE							
<b>Metals in Tissue by ICPOES wet weight</b>							
Chromium (Cr)-Total	0.14		0.10	mg/kg		22-NOV-11	R2291779
Iron (Fe)-Total	363		1.0	mg/kg		22-NOV-11	R2291779
Phosphorus (P)-Total	3530		5.0	mg/kg		22-NOV-11	R2291779
Potassium (K)-Total	3410		20	mg/kg		22-NOV-11	R2291779
Sodium (Na)-Total	1100		20	mg/kg		22-NOV-11	R2291779
Titanium (Ti)-Total	<0.10		0.10	mg/kg		22-NOV-11	R2291779
Zinc (Zn)-Total	33.3		0.10	mg/kg		22-NOV-11	R2291779
<b>Miscellaneous Parameters</b>							
% Moisture	75.3		0.10	%		01-DEC-11	R2296026
Mercury (Hg)-Total	1.18		0.0020	mg/kg	18-NOV-11	29-NOV-11	R2294692
Silver (Ag)-Total	0.102		0.050	mg/kg		24-NOV-11	R2292687
L1072670-112 L195817-132 2004 LKTR LIVER LT-KL-9017-#3 LIVER							
Sampled By: CLIENT on 17-SEP-04							
Matrix: TISSUE							
<b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>							
<b>Metals in Tissue by ICPMS wet weight</b>							
Antimony (Sb)-Total	<0.010		0.010	mg/kg		24-NOV-11	R2292687
Arsenic (As)-Total	0.068		0.010	mg/kg		24-NOV-11	R2292687
Barium (Ba)-Total	<0.020		0.020	mg/kg		24-NOV-11	R2292687
Beryllium (Be)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292687
Bismuth (Bi)-Total	<0.060		0.060	mg/kg		24-NOV-11	R2292687
Cadmium (Cd)-Total	0.334		0.0060	mg/kg		24-NOV-11	R2292687
Cobalt (Co)-Total	0.212		0.020	mg/kg		24-NOV-11	R2292687
Copper (Cu)-Total	6.63		0.040	mg/kg		24-NOV-11	R2292687
Lead (Pb)-Total	0.026		0.020	mg/kg		24-NOV-11	R2292687
Lithium (Li)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292687
Magnesium (Mg)-Total	190		1.0	mg/kg		24-NOV-11	R2292687
Manganese (Mn)-Total	1.75		0.010	mg/kg		24-NOV-11	R2292687
Molybdenum (Mo)-Total	0.287		0.010	mg/kg		24-NOV-11	R2292687
Nickel (Ni)-Total	0.21		0.10	mg/kg		24-NOV-11	R2292687
Selenium (Se)-Total	1.91		0.20	mg/kg		24-NOV-11	R2292687
Strontium (Sr)-Total	0.094		0.010	mg/kg		24-NOV-11	R2292687
Thallium (Tl)-Total	0.061		0.010	mg/kg		24-NOV-11	R2292687
Tin (Sn)-Total	<0.050		0.050	mg/kg		24-NOV-11	R2292687
Uranium (U)-Total	<0.0020		0.0020	mg/kg		24-NOV-11	R2292687
Vanadium (V)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292687
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	<2.0		2.0	mg/kg		22-NOV-11	R2291779
Calcium (Ca)-Total	47.2		2.0	mg/kg		22-NOV-11	R2291779
Chromium (Cr)-Total	<0.10		0.10	mg/kg		22-NOV-11	R2291779
Iron (Fe)-Total	2680		1.0	mg/kg		22-NOV-11	R2291779
Phosphorus (P)-Total	3440		5.0	mg/kg		22-NOV-11	R2291779
Potassium (K)-Total	3370		20	mg/kg		22-NOV-11	R2291779
Sodium (Na)-Total	1330		20	mg/kg		22-NOV-11	R2291779
Titanium (Ti)-Total	<0.10		0.10	mg/kg		22-NOV-11	R2291779
Zinc (Zn)-Total	31.8		0.10	mg/kg		22-NOV-11	R2291779
<b>Miscellaneous Parameters</b>							
% Moisture	78.7		0.10	%		01-DEC-11	R2296026
Mercury (Hg)-Total	0.365		0.0020	mg/kg	18-NOV-11	29-NOV-11	R2294692
Silver (Ag)-Total	0.055		0.050	mg/kg		24-NOV-11	R2292687

\* Refer to Referenced Information for Qualifiers (if any) and Methodology.

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-113 L195817-134 2004 LKTR LIVER LT-KL-9018-#1 LIVER Sampled By: CLIENT on 18-SEP-04 Matrix: TISSUE <b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b> <b>Metals in Tissue by ICPMS wet weight</b> Antimony (Sb)-Total <0.010 0.010 mg/kg 24-NOV-11 R2292687 Arsenic (As)-Total 0.043 0.010 mg/kg 24-NOV-11 R2292687 Barium (Ba)-Total <0.020 0.020 mg/kg 24-NOV-11 R2292687 Beryllium (Be)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292687 Bismuth (Bi)-Total <0.060 0.060 mg/kg 24-NOV-11 R2292687 Cadmium (Cd)-Total 0.167 0.0060 mg/kg 24-NOV-11 R2292687 Cobalt (Co)-Total 0.065 0.020 mg/kg 24-NOV-11 R2292687 Copper (Cu)-Total 24.3 0.040 mg/kg 24-NOV-11 R2292687 Lead (Pb)-Total <0.020 0.020 mg/kg 24-NOV-11 R2292687 Lithium (Li)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292687 Magnesium (Mg)-Total 153 1.0 mg/kg 24-NOV-11 R2292687 Manganese (Mn)-Total 1.49 0.010 mg/kg 24-NOV-11 R2292687 Molybdenum (Mo)-Total 0.165 0.010 mg/kg 24-NOV-11 R2292687 Nickel (Ni)-Total 0.23 0.10 mg/kg 24-NOV-11 R2292687 Selenium (Se)-Total 2.14 0.20 mg/kg 24-NOV-11 R2292687 Strontium (Sr)-Total 0.167 0.010 mg/kg 24-NOV-11 R2292687 Thallium (Tl)-Total 0.084 0.010 mg/kg 24-NOV-11 R2292687 Tin (Sn)-Total <0.050 0.050 mg/kg 24-NOV-11 R2292687 Uranium (U)-Total <0.0020 0.0020 mg/kg 24-NOV-11 R2292687 Vanadium (V)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292687 <b>Metals in Tissue by ICPOES wet weight</b> Aluminum (Al)-Total <2.0 2.0 mg/kg 22-NOV-11 R2291779 Calcium (Ca)-Total 88.1 2.0 mg/kg 22-NOV-11 R2291779 Chromium (Cr)-Total 0.30 0.10 mg/kg 22-NOV-11 R2291779 Iron (Fe)-Total 763 1.0 mg/kg 22-NOV-11 R2291779 Phosphorus (P)-Total 3280 5.0 mg/kg 22-NOV-11 R2291779 Potassium (K)-Total 3300 20 mg/kg 22-NOV-11 R2291779 Sodium (Na)-Total 1200 20 mg/kg 22-NOV-11 R2291779 Titanium (Ti)-Total <0.10 0.10 mg/kg 22-NOV-11 R2291779 Zinc (Zn)-Total 37.4 0.10 mg/kg 22-NOV-11 R2291779 <b>Miscellaneous Parameters</b> % Moisture 78.5 0.10 % 01-DEC-11 R2296026 Mercury (Hg)-Total 0.925 0.0020 mg/kg 18-NOV-11 29-NOV-11 R2294692 Silver (Ag)-Total 0.312 0.050 mg/kg 24-NOV-11 R2292687							
L1072670-114 L195817-137 2004 LKTR LIVER LT-KL-9020-#1 LIVER Sampled By: CLIENT on 20-SEP-04 Matrix: TISSUE <b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b> <b>Metals in Tissue by ICPMS wet weight</b> Antimony (Sb)-Total <0.010 0.010 mg/kg 25-NOV-11 R2292752 Arsenic (As)-Total 0.042 0.010 mg/kg 25-NOV-11 R2292752 Barium (Ba)-Total <0.020 0.020 mg/kg 25-NOV-11 R2292752 Beryllium (Be)-Total <0.10 0.10 mg/kg 25-NOV-11 R2292752 Bismuth (Bi)-Total <0.060 0.060 mg/kg 25-NOV-11 R2292752 Cadmium (Cd)-Total 0.115 0.0060 mg/kg 25-NOV-11 R2292752 Cobalt (Co)-Total 0.081 0.020 mg/kg 25-NOV-11 R2292752 Copper (Cu)-Total 6.51 0.040 mg/kg 25-NOV-11 R2292752 Lead (Pb)-Total <0.020 0.020 mg/kg 25-NOV-11 R2292752 Lithium (Li)-Total <0.10 0.10 mg/kg 25-NOV-11 R2292752 Magnesium (Mg)-Total 150 1.0 mg/kg 25-NOV-11 R2292752							

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-114 L195817-137 2004 LKTR LIVER LT-KL-9020-#1 LIVER							
Sampled By: CLIENT on 20-SEP-04							
Matrix: TISSUE							
<b>Metals in Tissue by ICPMS wet weight</b>							
Manganese (Mn)-Total	1.03	0.010	mg/kg		25-NOV-11	R2292752	
Molybdenum (Mo)-Total	0.080	0.010	mg/kg		25-NOV-11	R2292752	
Nickel (Ni)-Total	<0.10	0.10	mg/kg		25-NOV-11	R2292752	
Selenium (Se)-Total	2.21	0.20	mg/kg		25-NOV-11	R2292752	
Strontium (Sr)-Total	0.162	0.010	mg/kg		25-NOV-11	R2292752	
Thallium (Tl)-Total	0.053	0.010	mg/kg		25-NOV-11	R2292752	
Tin (Sn)-Total	<0.050	0.050	mg/kg		25-NOV-11	R2292752	
Uranium (U)-Total	<0.0020	0.0020	mg/kg		25-NOV-11	R2292752	
Vanadium (V)-Total	<0.10	0.10	mg/kg		25-NOV-11	R2292752	
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	<2.0	2.0	mg/kg		23-NOV-11	R2293595	
Calcium (Ca)-Total	99.1	2.0	mg/kg		23-NOV-11	R2293595	
Chromium (Cr)-Total	<0.10	0.10	mg/kg		23-NOV-11	R2293595	
Iron (Fe)-Total	199	1.0	mg/kg		23-NOV-11	R2293595	
Phosphorus (P)-Total	2900	5.0	mg/kg		23-NOV-11	R2293595	
Potassium (K)-Total	2800	20	mg/kg		23-NOV-11	R2293595	
Sodium (Na)-Total	1310	20	mg/kg		23-NOV-11	R2293595	
Titanium (Ti)-Total	<0.10	0.10	mg/kg		23-NOV-11	R2293595	
Zinc (Zn)-Total	22.2	0.10	mg/kg		23-NOV-11	R2293595	
<b>Miscellaneous Parameters</b>							
% Moisture	78.5	0.10	%		01-DEC-11	R2296026	
Mercury (Hg)-Total	1.80	0.0020	mg/kg	17-NOV-11	28-NOV-11	R2293324	
Silver (Ag)-Total	<0.050	0.050	mg/kg		25-NOV-11	R2292752	
L1072670-115 L195817-139 2004 LKTR LIVER LT-KL-9020-#2 LIVER							
Sampled By: CLIENT on 20-SEP-04							
Matrix: TISSUE							
<b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>							
<b>Metals in Tissue by ICPMS wet weight</b>							
Antimony (Sb)-Total	<0.010	0.010	mg/kg		24-NOV-11	R2292687	
Arsenic (As)-Total	0.039	0.010	mg/kg		24-NOV-11	R2292687	
Barium (Ba)-Total	<0.020	0.020	mg/kg		24-NOV-11	R2292687	
Beryllium (Be)-Total	<0.10	0.10	mg/kg		24-NOV-11	R2292687	
Bismuth (Bi)-Total	<0.060	0.060	mg/kg		24-NOV-11	R2292687	
Cadmium (Cd)-Total	0.104	0.0060	mg/kg		24-NOV-11	R2292687	
Cobalt (Co)-Total	0.107	0.020	mg/kg		24-NOV-11	R2292687	
Copper (Cu)-Total	25.1	0.040	mg/kg		24-NOV-11	R2292687	
Lead (Pb)-Total	<0.020	0.020	mg/kg		24-NOV-11	R2292687	
Lithium (Li)-Total	<0.10	0.10	mg/kg		24-NOV-11	R2292687	
Magnesium (Mg)-Total	160	1.0	mg/kg		24-NOV-11	R2292687	
Manganese (Mn)-Total	1.51	0.010	mg/kg		24-NOV-11	R2292687	
Molybdenum (Mo)-Total	0.157	0.010	mg/kg		24-NOV-11	R2292687	
Nickel (Ni)-Total	<0.10	0.10	mg/kg		24-NOV-11	R2292687	
Selenium (Se)-Total	3.80	0.20	mg/kg		24-NOV-11	R2292687	
Strontium (Sr)-Total	0.087	0.010	mg/kg		24-NOV-11	R2292687	
Thallium (Tl)-Total	0.096	0.010	mg/kg		24-NOV-11	R2292687	
Tin (Sn)-Total	<0.050	0.050	mg/kg		24-NOV-11	R2292687	
Uranium (U)-Total	<0.0020	0.0020	mg/kg		24-NOV-11	R2292687	
Vanadium (V)-Total	<0.10	0.10	mg/kg		24-NOV-11	R2292687	
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	<2.0	2.0	mg/kg		22-NOV-11	R2291779	
Calcium (Ca)-Total	50.9	2.0	mg/kg		22-NOV-11	R2291779	

\* Refer to Referenced Information for Qualifiers (if any) and Methodology.

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-115 L195817-139 2004 LKTR LIVER LT-KL-9020-#2 LIVER							
Sampled By: CLIENT on 20-SEP-04							
Matrix: TISSUE							
<b>Metals in Tissue by ICPOES wet weight</b>							
Chromium (Cr)-Total	<0.10		0.10	mg/kg		22-NOV-11	R2291779
Iron (Fe)-Total	193		1.0	mg/kg		22-NOV-11	R2291779
Phosphorus (P)-Total	3990		5.0	mg/kg		22-NOV-11	R2291779
Potassium (K)-Total	3290		20	mg/kg		22-NOV-11	R2291779
Sodium (Na)-Total	1130		20	mg/kg		22-NOV-11	R2291779
Titanium (Ti)-Total	<0.10		0.10	mg/kg		22-NOV-11	R2291779
Zinc (Zn)-Total	36.7		0.10	mg/kg		22-NOV-11	R2291779
<b>Miscellaneous Parameters</b>							
% Moisture	71.3		0.10	%		01-DEC-11	R2296026
Mercury (Hg)-Total	2.74		0.0020	mg/kg	18-NOV-11	29-NOV-11	R2294692
Silver (Ag)-Total	0.165		0.050	mg/kg		24-NOV-11	R2292687
L1072670-116 L195817-141 2004 LKTR LIVER LT-KL-9020-#3 LIVER							
Sampled By: CLIENT on 20-SEP-04							
Matrix: TISSUE							
<b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>							
<b>Metals in Tissue by ICPMS wet weight</b>							
Antimony (Sb)-Total	<0.010		0.010	mg/kg		24-NOV-11	R2292687
Arsenic (As)-Total	0.047		0.010	mg/kg		24-NOV-11	R2292687
Barium (Ba)-Total	<0.020		0.020	mg/kg		24-NOV-11	R2292687
Beryllium (Be)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292687
Bismuth (Bi)-Total	<0.060		0.060	mg/kg		24-NOV-11	R2292687
Cadmium (Cd)-Total	0.0758		0.0060	mg/kg		24-NOV-11	R2292687
Cobalt (Co)-Total	0.059		0.020	mg/kg		24-NOV-11	R2292687
Copper (Cu)-Total	8.84		0.040	mg/kg		24-NOV-11	R2292687
Lead (Pb)-Total	<0.020		0.020	mg/kg		24-NOV-11	R2292687
Lithium (Li)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292687
Magnesium (Mg)-Total	144		1.0	mg/kg		24-NOV-11	R2292687
Manganese (Mn)-Total	1.16		0.010	mg/kg		24-NOV-11	R2292687
Molybdenum (Mo)-Total	0.101		0.010	mg/kg		24-NOV-11	R2292687
Nickel (Ni)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292687
Selenium (Se)-Total	2.00		0.20	mg/kg		24-NOV-11	R2292687
Strontium (Sr)-Total	0.069		0.010	mg/kg		24-NOV-11	R2292687
Thallium (Tl)-Total	0.083		0.010	mg/kg		24-NOV-11	R2292687
Tin (Sn)-Total	<0.050		0.050	mg/kg		24-NOV-11	R2292687
Uranium (U)-Total	<0.0020		0.0020	mg/kg		24-NOV-11	R2292687
Vanadium (V)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292687
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	<2.0		2.0	mg/kg		22-NOV-11	R2291779
Calcium (Ca)-Total	30.4		2.0	mg/kg		22-NOV-11	R2291779
Chromium (Cr)-Total	0.10		0.10	mg/kg		22-NOV-11	R2291779
Iron (Fe)-Total	242		1.0	mg/kg		22-NOV-11	R2291779
Phosphorus (P)-Total	3270		5.0	mg/kg		22-NOV-11	R2291779
Potassium (K)-Total	3110		20	mg/kg		22-NOV-11	R2291779
Sodium (Na)-Total	1110		20	mg/kg		22-NOV-11	R2291779
Titanium (Ti)-Total	<0.10		0.10	mg/kg		22-NOV-11	R2291779
Zinc (Zn)-Total	20.7		0.10	mg/kg		22-NOV-11	R2291779
<b>Miscellaneous Parameters</b>							
% Moisture	77.0		0.10	%		01-DEC-11	R2296026
Mercury (Hg)-Total	1.66		0.0020	mg/kg	18-NOV-11	29-NOV-11	R2294692
Silver (Ag)-Total	<0.050		0.050	mg/kg		24-NOV-11	R2292687

\* Refer to Referenced Information for Qualifiers (if any) and Methodology.

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-117 L195817-143 2004 LKTR LIVER LT-KL-9020-#4 LIVER Sampled By: CLIENT on 20-SEP-04 Matrix: TISSUE <b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b> <b>Metals in Tissue by ICPMS wet weight</b> Antimony (Sb)-Total <0.010 0.010 mg/kg 24-NOV-11 R2292687 Arsenic (As)-Total 0.049 0.010 mg/kg 24-NOV-11 R2292687 Barium (Ba)-Total <0.020 0.020 mg/kg 24-NOV-11 R2292687 Beryllium (Be)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292687 Bismuth (Bi)-Total <0.060 0.060 mg/kg 24-NOV-11 R2292687 Cadmium (Cd)-Total 0.0323 0.0060 mg/kg 24-NOV-11 R2292687 Cobalt (Co)-Total 0.069 0.020 mg/kg 24-NOV-11 R2292687 Copper (Cu)-Total 4.04 0.040 mg/kg 24-NOV-11 R2292687 Lead (Pb)-Total <0.020 0.020 mg/kg 24-NOV-11 R2292687 Lithium (Li)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292687 Magnesium (Mg)-Total 137 1.0 mg/kg 24-NOV-11 R2292687 Manganese (Mn)-Total 0.918 0.010 mg/kg 24-NOV-11 R2292687 Molybdenum (Mo)-Total 0.104 0.010 mg/kg 24-NOV-11 R2292687 Nickel (Ni)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292687 Selenium (Se)-Total 1.84 0.20 mg/kg 24-NOV-11 R2292687 Strontium (Sr)-Total 0.156 0.010 mg/kg 24-NOV-11 R2292687 Thallium (Tl)-Total 0.083 0.010 mg/kg 24-NOV-11 R2292687 Tin (Sn)-Total <0.050 0.050 mg/kg 24-NOV-11 R2292687 Uranium (U)-Total <0.0020 0.0020 mg/kg 24-NOV-11 R2292687 Vanadium (V)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292687 <b>Metals in Tissue by ICPOES wet weight</b> Aluminum (Al)-Total <2.0 2.0 mg/kg 22-NOV-11 R2291779 Calcium (Ca)-Total 43.2 2.0 mg/kg 22-NOV-11 R2291779 Chromium (Cr)-Total <0.10 0.10 mg/kg 22-NOV-11 R2291779 Iron (Fe)-Total 126 1.0 mg/kg 22-NOV-11 R2291779 Phosphorus (P)-Total 2460 5.0 mg/kg 22-NOV-11 R2291779 Potassium (K)-Total 2580 20 mg/kg 22-NOV-11 R2291779 Sodium (Na)-Total 1220 20 mg/kg 22-NOV-11 R2291779 Titanium (Ti)-Total <0.10 0.10 mg/kg 22-NOV-11 R2291779 Zinc (Zn)-Total 18.5 0.10 mg/kg 22-NOV-11 R2291779 <b>Miscellaneous Parameters</b> % Moisture 73.9 0.10 % 01-DEC-11 R2296026 Mercury (Hg)-Total 0.150 0.0020 mg/kg 18-NOV-11 29-NOV-11 R2294692 Silver (Ag)-Total <0.050 0.050 mg/kg 24-NOV-11 R2292687							
L1072670-118 L195817-145 2004 LKTR LIVER LT-KL-9020-#5 LIVER Sampled By: CLIENT on 20-SEP-04 Matrix: TISSUE <b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b> <b>Metals in Tissue by ICPMS wet weight</b> Antimony (Sb)-Total <0.010 0.010 mg/kg 26-NOV-11 R2293731 Arsenic (As)-Total 0.058 0.010 mg/kg 26-NOV-11 R2293731 Barium (Ba)-Total <0.020 0.020 mg/kg 26-NOV-11 R2293731 Beryllium (Be)-Total <0.10 0.10 mg/kg 26-NOV-11 R2293731 Bismuth (Bi)-Total <0.060 0.060 mg/kg 26-NOV-11 R2293731 Cadmium (Cd)-Total 0.317 0.0060 mg/kg 26-NOV-11 R2293731 Cobalt (Co)-Total 0.130 0.020 mg/kg 26-NOV-11 R2293731 Copper (Cu)-Total 10.3 0.040 mg/kg 26-NOV-11 R2293731 Lead (Pb)-Total <0.020 0.020 mg/kg 26-NOV-11 R2293731 Lithium (Li)-Total <0.10 0.10 mg/kg 26-NOV-11 R2293731 Magnesium (Mg)-Total 174 1.0 mg/kg 26-NOV-11 R2293731							

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-118 L195817-145 2004 LKTR LIVER LT-KL-9020-#5 LIVER							
Sampled By: CLIENT on 20-SEP-04							
Matrix: TISSUE							
<b>Metals in Tissue by ICPMS wet weight</b>							
Manganese (Mn)-Total	1.89		0.010	mg/kg		26-NOV-11	R2293731
Molybdenum (Mo)-Total	0.211		0.010	mg/kg		26-NOV-11	R2293731
Nickel (Ni)-Total	<0.10		0.10	mg/kg		26-NOV-11	R2293731
Selenium (Se)-Total	1.42		0.20	mg/kg		26-NOV-11	R2293731
Strontium (Sr)-Total	0.081		0.010	mg/kg		26-NOV-11	R2293731
Thallium (Tl)-Total	0.080		0.010	mg/kg		26-NOV-11	R2293731
Tin (Sn)-Total	<0.050		0.050	mg/kg		26-NOV-11	R2293731
Uranium (U)-Total	<0.0020		0.0020	mg/kg		26-NOV-11	R2293731
Vanadium (V)-Total	<0.10		0.10	mg/kg		26-NOV-11	R2293731
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	<2.0		2.0	mg/kg		25-NOV-11	R2293678
Calcium (Ca)-Total	33.2		2.0	mg/kg		25-NOV-11	R2293678
Chromium (Cr)-Total	<0.10		0.10	mg/kg		25-NOV-11	R2293678
Iron (Fe)-Total	942		1.0	mg/kg		25-NOV-11	R2293678
Phosphorus (P)-Total	3680		5.0	mg/kg		25-NOV-11	R2293678
Potassium (K)-Total	3550		20	mg/kg		25-NOV-11	R2293678
Sodium (Na)-Total	873		20	mg/kg		25-NOV-11	R2293678
Titanium (Ti)-Total	<0.10		0.10	mg/kg		25-NOV-11	R2293678
Zinc (Zn)-Total	28.5		0.10	mg/kg		25-NOV-11	R2293678
<b>Miscellaneous Parameters</b>							
Mercury (Hg)-Total	0.266		0.0020	mg/kg	23-NOV-11	29-NOV-11	R2294692
Silver (Ag)-Total	0.111		0.050	mg/kg		26-NOV-11	R2293731
L1072670-119 L195817-147 2004 LKTR LIVER LT-KL-9020-#6 LIVER							
Sampled By: CLIENT on 20-SEP-04							
Matrix: TISSUE							
<b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>							
<b>Metals in Tissue by ICPMS wet weight</b>							
Antimony (Sb)-Total	<0.010		0.010	mg/kg		24-NOV-11	R2292687
Arsenic (As)-Total	0.055		0.010	mg/kg		24-NOV-11	R2292687
Barium (Ba)-Total	0.041		0.020	mg/kg		24-NOV-11	R2292687
Beryllium (Be)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292687
Bismuth (Bi)-Total	<0.060		0.060	mg/kg		24-NOV-11	R2292687
Cadmium (Cd)-Total	0.256		0.0060	mg/kg		24-NOV-11	R2292687
Cobalt (Co)-Total	0.288		0.020	mg/kg		24-NOV-11	R2292687
Copper (Cu)-Total	11.5		0.040	mg/kg		24-NOV-11	R2292687
Lead (Pb)-Total	0.061		0.020	mg/kg		24-NOV-11	R2292687
Lithium (Li)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292687
Magnesium (Mg)-Total	179		1.0	mg/kg		24-NOV-11	R2292687
Manganese (Mn)-Total	1.71		0.010	mg/kg		24-NOV-11	R2292687
Molybdenum (Mo)-Total	0.276		0.010	mg/kg		24-NOV-11	R2292687
Nickel (Ni)-Total	0.14		0.10	mg/kg		24-NOV-11	R2292687
Selenium (Se)-Total	3.65		0.20	mg/kg		24-NOV-11	R2292687
Strontium (Sr)-Total	0.378		0.010	mg/kg		24-NOV-11	R2292687
Thallium (Tl)-Total	0.095		0.010	mg/kg		24-NOV-11	R2292687
Tin (Sn)-Total	<0.050		0.050	mg/kg		24-NOV-11	R2292687
Uranium (U)-Total	0.0030		0.0020	mg/kg		24-NOV-11	R2292687
Vanadium (V)-Total	0.13		0.10	mg/kg		24-NOV-11	R2292687
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	9.3		2.0	mg/kg		22-NOV-11	R2291779
Calcium (Ca)-Total	243		2.0	mg/kg		22-NOV-11	R2291779
Chromium (Cr)-Total	0.18		0.10	mg/kg		22-NOV-11	R2291779

\* Refer to Referenced Information for Qualifiers (if any) and Methodology.

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-119 L195817-147 2004 LKTR LIVER LT-KL-9020-#6 LIVER Sampled By: CLIENT on 20-SEP-04 Matrix: TISSUE <b>Metals in Tissue by ICPOES wet weight</b> Iron (Fe)-Total 1590 1.0 mg/kg 22-NOV-11 R2291779 Phosphorus (P)-Total 3560 5.0 mg/kg 22-NOV-11 R2291779 Potassium (K)-Total 3270 20 mg/kg 22-NOV-11 R2291779 Sodium (Na)-Total 1080 20 mg/kg 22-NOV-11 R2291779 Titanium (Ti)-Total <0.10 0.10 mg/kg 22-NOV-11 R2291779 Zinc (Zn)-Total 41.4 0.10 mg/kg 22-NOV-11 R2291779 <b>Miscellaneous Parameters</b> % Moisture 75.9 0.10 % 01-DEC-11 R2296026 Mercury (Hg)-Total 0.316 0.0020 mg/kg 18-NOV-11 29-NOV-11 R2294692 Silver (Ag)-Total 0.159 0.050 mg/kg 24-NOV-11 R2292687							
L1072670-120 L195817-149 2004 LKTR LIVER LT-KL-9020-#7 LIVER Sampled By: CLIENT on 20-SEP-04 Matrix: TISSUE <b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b> <b>Metals in Tissue by ICPMS wet weight</b> Antimony (Sb)-Total <0.010 0.010 mg/kg 24-NOV-11 R2292687 Arsenic (As)-Total 0.051 0.010 mg/kg 24-NOV-11 R2292687 Barium (Ba)-Total <0.020 0.020 mg/kg 24-NOV-11 R2292687 Beryllium (Be)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292687 Bismuth (Bi)-Total <0.060 0.060 mg/kg 24-NOV-11 R2292687 Cadmium (Cd)-Total 0.145 0.0060 mg/kg 24-NOV-11 R2292687 Cobalt (Co)-Total 0.154 0.020 mg/kg 24-NOV-11 R2292687 Copper (Cu)-Total 16.1 0.040 mg/kg 24-NOV-11 R2292687 Lead (Pb)-Total 0.029 0.020 mg/kg 24-NOV-11 R2292687 Lithium (Li)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292687 Magnesium (Mg)-Total 182 1.0 mg/kg 24-NOV-11 R2292687 Manganese (Mn)-Total 1.75 0.010 mg/kg 24-NOV-11 R2292687 Molybdenum (Mo)-Total 0.183 0.010 mg/kg 24-NOV-11 R2292687 Nickel (Ni)-Total 0.14 0.10 mg/kg 24-NOV-11 R2292687 Selenium (Se)-Total 1.36 0.20 mg/kg 24-NOV-11 R2292687 Strontium (Sr)-Total 0.107 0.010 mg/kg 24-NOV-11 R2292687 Thallium (Tl)-Total 0.064 0.010 mg/kg 24-NOV-11 R2292687 Tin (Sn)-Total <0.050 0.050 mg/kg 24-NOV-11 R2292687 Uranium (U)-Total <0.0020 0.0020 mg/kg 24-NOV-11 R2292687 Vanadium (V)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292687 <b>Metals in Tissue by ICPOES wet weight</b> Aluminum (Al)-Total <2.0 2.0 mg/kg 22-NOV-11 R2291779 Calcium (Ca)-Total 50.3 2.0 mg/kg 22-NOV-11 R2291779 Chromium (Cr)-Total 0.16 0.10 mg/kg 22-NOV-11 R2291779 Iron (Fe)-Total 608 1.0 mg/kg 22-NOV-11 R2291779 Phosphorus (P)-Total 3750 5.0 mg/kg 22-NOV-11 R2291779 Potassium (K)-Total 3790 20 mg/kg 22-NOV-11 R2291779 Sodium (Na)-Total 1000 20 mg/kg 22-NOV-11 R2291779 Titanium (Ti)-Total <0.10 0.10 mg/kg 22-NOV-11 R2291779 Zinc (Zn)-Total 35.7 0.10 mg/kg 22-NOV-11 R2291779 <b>Miscellaneous Parameters</b> Mercury (Hg)-Total 0.160 0.0020 mg/kg 18-NOV-11 29-NOV-11 R2294692 Silver (Ag)-Total 0.192 0.050 mg/kg 24-NOV-11 R2292687							

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-121 195817-151 2004 LKTR LIVER LT-KL-9020-#8 LIVER							
Sampled By: CLIENT on 20-SEP-04							
Matrix: TISSUE							
<b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>							
<b>Metals in Tissue by ICPMS wet weight</b>							
Antimony (Sb)-Total	<0.010		0.010	mg/kg		24-NOV-11	R2292687
Arsenic (As)-Total	0.049		0.010	mg/kg		24-NOV-11	R2292687
Barium (Ba)-Total	<0.020		0.020	mg/kg		24-NOV-11	R2292687
Beryllium (Be)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292687
Bismuth (Bi)-Total	<0.060		0.060	mg/kg		24-NOV-11	R2292687
Cadmium (Cd)-Total	0.157		0.0060	mg/kg		24-NOV-11	R2292687
Cobalt (Co)-Total	0.148		0.020	mg/kg		24-NOV-11	R2292687
Copper (Cu)-Total	7.03		0.040	mg/kg		24-NOV-11	R2292687
Lead (Pb)-Total	<0.020		0.020	mg/kg		24-NOV-11	R2292687
Lithium (Li)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292687
Magnesium (Mg)-Total	193		1.0	mg/kg		24-NOV-11	R2292687
Manganese (Mn)-Total	1.64		0.010	mg/kg		24-NOV-11	R2292687
Molybdenum (Mo)-Total	0.204		0.010	mg/kg		24-NOV-11	R2292687
Nickel (Ni)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292687
Selenium (Se)-Total	1.67		0.20	mg/kg		24-NOV-11	R2292687
Strontium (Sr)-Total	0.110		0.010	mg/kg		24-NOV-11	R2292687
Thallium (Tl)-Total	0.058		0.010	mg/kg		24-NOV-11	R2292687
Tin (Sn)-Total	<0.050		0.050	mg/kg		24-NOV-11	R2292687
Uranium (U)-Total	<0.0020		0.0020	mg/kg		24-NOV-11	R2292687
Vanadium (V)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292687
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	<2.0		2.0	mg/kg		22-NOV-11	R2291779
Calcium (Ca)-Total	47.9		2.0	mg/kg		22-NOV-11	R2291779
Chromium (Cr)-Total	<0.10		0.10	mg/kg		22-NOV-11	R2291779
Iron (Fe)-Total	501		1.0	mg/kg		22-NOV-11	R2291779
Phosphorus (P)-Total	4220		5.0	mg/kg		22-NOV-11	R2291779
Potassium (K)-Total	3810		20	mg/kg		22-NOV-11	R2291779
Sodium (Na)-Total	927		20	mg/kg		22-NOV-11	R2291779
Titanium (Ti)-Total	<0.10		0.10	mg/kg		22-NOV-11	R2291779
Zinc (Zn)-Total	29.1		0.10	mg/kg		22-NOV-11	R2291779
<b>Miscellaneous Parameters</b>							
Mercury (Hg)-Total	0.182		0.0020	mg/kg	18-NOV-11	29-NOV-11	R2294692
Silver (Ag)-Total	0.069		0.050	mg/kg		24-NOV-11	R2292687
L1072670-122 L195817-153 2004 LKTR LIVER LAKE TROUT, KENNEDY LAKE, SEP 12							
Sampled By: CLIENT on 12-SEP-04							
Matrix: TISSUE							
<b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>							
<b>Metals in Tissue by ICPMS wet weight</b>							
Antimony (Sb)-Total	<0.010		0.010	mg/kg		24-NOV-11	R2292687
Arsenic (As)-Total	0.052		0.010	mg/kg		24-NOV-11	R2292687
Barium (Ba)-Total	<0.020		0.020	mg/kg		24-NOV-11	R2292687
Beryllium (Be)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292687
Bismuth (Bi)-Total	<0.060		0.060	mg/kg		24-NOV-11	R2292687
Cadmium (Cd)-Total	0.117		0.0060	mg/kg		24-NOV-11	R2292687
Cobalt (Co)-Total	0.194		0.020	mg/kg		24-NOV-11	R2292687
Copper (Cu)-Total	8.41		0.040	mg/kg		24-NOV-11	R2292687
Lead (Pb)-Total	0.044		0.020	mg/kg		24-NOV-11	R2292687
Lithium (Li)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292687
Magnesium (Mg)-Total	185		1.0	mg/kg		24-NOV-11	R2292687
Manganese (Mn)-Total	1.74		0.010	mg/kg		24-NOV-11	R2292687

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-122 L195817-153 2004 LKTR LIVER LAKE TROUT, KENNEDY LAKE, SEP 12							
Sampled By: CLIENT on 12-SEP-04							
Matrix: TISSUE							
<b>Metals in Tissue by ICPMS wet weight</b>							
Molybdenum (Mo)-Total	0.236		0.010	mg/kg		24-NOV-11	R2292687
Nickel (Ni)-Total	0.13		0.10	mg/kg		24-NOV-11	R2292687
Selenium (Se)-Total	2.39		0.20	mg/kg		24-NOV-11	R2292687
Strontium (Sr)-Total	0.152		0.010	mg/kg		24-NOV-11	R2292687
Thallium (Tl)-Total	0.074		0.010	mg/kg		24-NOV-11	R2292687
Tin (Sn)-Total	<0.050		0.050	mg/kg		24-NOV-11	R2292687
Uranium (U)-Total	<0.0020		0.0020	mg/kg		24-NOV-11	R2292687
Vanadium (V)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292687
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	4.5		2.0	mg/kg		22-NOV-11	R2291779
Calcium (Ca)-Total	76.1		2.0	mg/kg		22-NOV-11	R2291779
Chromium (Cr)-Total	0.16		0.10	mg/kg		22-NOV-11	R2291779
Iron (Fe)-Total	548		1.0	mg/kg		22-NOV-11	R2291779
Phosphorus (P)-Total	3530		5.0	mg/kg		22-NOV-11	R2291779
Potassium (K)-Total	3420		20	mg/kg		22-NOV-11	R2291779
Sodium (Na)-Total	806		20	mg/kg		22-NOV-11	R2291779
Titanium (Ti)-Total	<0.10		0.10	mg/kg		22-NOV-11	R2291779
Zinc (Zn)-Total	30.3		0.10	mg/kg		22-NOV-11	R2291779
<b>Miscellaneous Parameters</b>							
% Moisture	76.1		0.10	%		01-DEC-11	R2296026
Mercury (Hg)-Total	0.146		0.0020	mg/kg	18-NOV-11	29-NOV-11	R2294692
Silver (Ag)-Total	0.062		0.050	mg/kg		24-NOV-11	R2292687
L1072670-123 L195817-154 2004 RNWH MUSCLE WFKL-AUG 14-#1 FISH							
Sampled By: CLIENT on 14-AUG-04							
Matrix: TISSUE							
<b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>							
<b>Metals in Tissue by ICPMS wet weight</b>							
Antimony (Sb)-Total	<0.010		0.010	mg/kg		26-NOV-11	R2293731
Arsenic (As)-Total	0.029		0.010	mg/kg		26-NOV-11	R2293731
Barium (Ba)-Total	0.035		0.020	mg/kg		26-NOV-11	R2293731
Beryllium (Be)-Total	<0.10		0.10	mg/kg		26-NOV-11	R2293731
Bismuth (Bi)-Total	<0.060		0.060	mg/kg		26-NOV-11	R2293731
Cadmium (Cd)-Total	<0.0060		0.0060	mg/kg		26-NOV-11	R2293731
Cobalt (Co)-Total	<0.020		0.020	mg/kg		26-NOV-11	R2293731
Copper (Cu)-Total	0.271		0.040	mg/kg		26-NOV-11	R2293731
Lead (Pb)-Total	<0.020		0.020	mg/kg		26-NOV-11	R2293731
Lithium (Li)-Total	<0.10		0.10	mg/kg		26-NOV-11	R2293731
Magnesium (Mg)-Total	320		1.0	mg/kg		26-NOV-11	R2293731
Manganese (Mn)-Total	0.081		0.010	mg/kg		26-NOV-11	R2293731
Molybdenum (Mo)-Total	<0.010		0.010	mg/kg		26-NOV-11	R2293731
Nickel (Ni)-Total	0.71		0.10	mg/kg		26-NOV-11	R2293731
Selenium (Se)-Total	0.23		0.20	mg/kg		26-NOV-11	R2293731
Strontium (Sr)-Total	0.439		0.010	mg/kg		26-NOV-11	R2293731
Thallium (Tl)-Total	<0.010		0.010	mg/kg		26-NOV-11	R2293731
Tin (Sn)-Total	<0.050		0.050	mg/kg		26-NOV-11	R2293731
Uranium (U)-Total	<0.0020		0.0020	mg/kg		26-NOV-11	R2293731
Vanadium (V)-Total	<0.10		0.10	mg/kg		26-NOV-11	R2293731
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	<2.0		2.0	mg/kg		25-NOV-11	R2293678
Calcium (Ca)-Total	149		2.0	mg/kg		25-NOV-11	R2293678
Chromium (Cr)-Total	<0.10		0.10	mg/kg		25-NOV-11	R2293678

\* Refer to Referenced Information for Qualifiers (if any) and Methodology.

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-123 L195817-154 2004 RNNWH MUSCLE WFKL-AUG 14-#1 FISH Sampled By: CLIENT on 14-AUG-04 Matrix: TISSUE <b>Metals in Tissue by ICPOES wet weight</b> Iron (Fe)-Total 3.1 1.0 mg/kg 29-NOV-11 R2293678 Phosphorus (P)-Total 3520 5.0 mg/kg 25-NOV-11 R2293678 Potassium (K)-Total 6820 20 mg/kg 25-NOV-11 R2293678 Sodium (Na)-Total 287 20 mg/kg 25-NOV-11 R2293678 Titanium (Ti)-Total <0.10 0.10 mg/kg 25-NOV-11 R2293678 Zinc (Zn)-Total 3.16 0.10 mg/kg 25-NOV-11 R2293678 <b>Miscellaneous Parameters</b> % Moisture 76.3 0.10 % 01-DEC-11 R2296026 Mercury (Hg)-Total 0.125 0.0020 mg/kg 23-NOV-11 29-NOV-11 R2294692 Silver (Ag)-Total <0.050 0.050 mg/kg 26-NOV-11 R2293731							
L1072670-124 L195817-155 2004 RNNWH MUSCLE WFKL-AUG 14-#2 FISH Sampled By: CLIENT on 14-AUG-04 Matrix: TISSUE <b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b> <b>Metals in Tissue by ICPMS wet weight</b> Antimony (Sb)-Total <0.010 0.010 mg/kg 24-NOV-11 R2292687 Arsenic (As)-Total 0.046 0.010 mg/kg 24-NOV-11 R2292687 Barium (Ba)-Total 0.097 0.020 mg/kg 24-NOV-11 R2292687 Beryllium (Be)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292687 Bismuth (Bi)-Total <0.060 0.060 mg/kg 24-NOV-11 R2292687 Cadmium (Cd)-Total <0.0060 0.0060 mg/kg 24-NOV-11 R2292687 Cobalt (Co)-Total <0.020 0.020 mg/kg 24-NOV-11 R2292687 Copper (Cu)-Total 0.283 0.040 mg/kg 24-NOV-11 R2292687 Lead (Pb)-Total <0.020 0.020 mg/kg 24-NOV-11 R2292687 Lithium (Li)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292687 Magnesium (Mg)-Total 330 1.0 mg/kg 24-NOV-11 R2292687 Manganese (Mn)-Total 0.149 0.010 mg/kg 24-NOV-11 R2292687 Molybdenum (Mo)-Total <0.010 0.010 mg/kg 24-NOV-11 R2292687 Nickel (Ni)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292687 Selenium (Se)-Total 0.28 0.20 mg/kg 24-NOV-11 R2292687 Strontium (Sr)-Total 1.48 0.010 mg/kg 24-NOV-11 R2292687 Thallium (Tl)-Total 0.010 0.010 mg/kg 24-NOV-11 R2292687 Tin (Sn)-Total <0.050 0.050 mg/kg 24-NOV-11 R2292687 Uranium (U)-Total <0.0020 0.0020 mg/kg 24-NOV-11 R2292687 Vanadium (V)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292687 <b>Metals in Tissue by ICPOES wet weight</b> Aluminum (Al)-Total <2.0 2.0 mg/kg 22-NOV-11 R2291779 Calcium (Ca)-Total 538 2.0 mg/kg 22-NOV-11 R2291779 Chromium (Cr)-Total <0.10 0.10 mg/kg 22-NOV-11 R2291779 Iron (Fe)-Total 2.6 1.0 mg/kg 22-NOV-11 R2291779 Phosphorus (P)-Total 2910 5.0 mg/kg 22-NOV-11 R2291779 Potassium (K)-Total 4430 20 mg/kg 22-NOV-11 R2291779 Sodium (Na)-Total 288 20 mg/kg 22-NOV-11 R2291779 Titanium (Ti)-Total <0.10 0.10 mg/kg 22-NOV-11 R2291779 Zinc (Zn)-Total 3.66 0.10 mg/kg 22-NOV-11 R2291779 <b>Miscellaneous Parameters</b> % Moisture 78.7 0.10 % 01-DEC-11 R2296026 Mercury (Hg)-Total 0.125 0.0020 mg/kg 18-NOV-11 29-NOV-11 R2294692 Silver (Ag)-Total <0.050 0.050 mg/kg 24-NOV-11 R2292687							

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-125 L195817-156 2004 RNWH MUSCLE WFKL-AUG 14-#3 FISH Sampled By: CLIENT on 14-AUG-04 Matrix: TISSUE <b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b> <b>Metals in Tissue by ICPMS wet weight</b> Antimony (Sb)-Total <0.010 0.010 mg/kg 24-NOV-11 R2292687 Arsenic (As)-Total 0.043 0.010 mg/kg 24-NOV-11 R2292687 Barium (Ba)-Total 0.065 0.020 mg/kg 24-NOV-11 R2292687 Beryllium (Be)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292687 Bismuth (Bi)-Total <0.060 0.060 mg/kg 24-NOV-11 R2292687 Cadmium (Cd)-Total <0.0060 0.0060 mg/kg 24-NOV-11 R2292687 Cobalt (Co)-Total <0.020 0.020 mg/kg 24-NOV-11 R2292687 Copper (Cu)-Total 1.06 0.040 mg/kg 24-NOV-11 R2292687 Lead (Pb)-Total 0.037 0.020 mg/kg 24-NOV-11 R2292687 Lithium (Li)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292687 Magnesium (Mg)-Total 367 1.0 mg/kg 24-NOV-11 R2292687 Manganese (Mn)-Total 0.128 0.010 mg/kg 24-NOV-11 R2292687 Molybdenum (Mo)-Total <0.010 0.010 mg/kg 24-NOV-11 R2292687 Nickel (Ni)-Total 0.13 0.10 mg/kg 24-NOV-11 R2292687 Selenium (Se)-Total 0.30 0.20 mg/kg 24-NOV-11 R2292687 Strontium (Sr)-Total 0.931 0.010 mg/kg 24-NOV-11 R2292687 Thallium (Tl)-Total 0.011 0.010 mg/kg 24-NOV-11 R2292687 Tin (Sn)-Total <0.050 0.050 mg/kg 24-NOV-11 R2292687 Uranium (U)-Total <0.0020 0.0020 mg/kg 24-NOV-11 R2292687 Vanadium (V)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292687 <b>Metals in Tissue by ICPOES wet weight</b> Aluminum (Al)-Total <2.0 2.0 mg/kg 22-NOV-11 R2291779 Calcium (Ca)-Total 297 2.0 mg/kg 22-NOV-11 R2291779 Chromium (Cr)-Total <0.10 0.10 mg/kg 22-NOV-11 R2291779 Iron (Fe)-Total 2.3 1.0 mg/kg 22-NOV-11 R2291779 Phosphorus (P)-Total 3430 5.0 mg/kg 22-NOV-11 R2291779 Potassium (K)-Total 5520 20 mg/kg 22-NOV-11 R2291779 Sodium (Na)-Total 370 20 mg/kg 22-NOV-11 R2291779 Titanium (Ti)-Total <0.10 0.10 mg/kg 22-NOV-11 R2291779 Zinc (Zn)-Total 3.94 0.10 mg/kg 22-NOV-11 R2291779 <b>Miscellaneous Parameters</b> % Moisture 78.6 0.10 % 01-DEC-11 R2296026 Mercury (Hg)-Total 0.0989 0.0020 mg/kg 18-NOV-11 29-NOV-11 R2294692 Silver (Ag)-Total <0.050 0.050 mg/kg 24-NOV-11 R2292687							
L1072670-126 L195817-157 2004 RNWH MUSCLE WFKL-AUG 14-#4 FISH Sampled By: CLIENT on 14-AUG-04 Matrix: TISSUE <b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b> <b>Metals in Tissue by ICPMS wet weight</b> Antimony (Sb)-Total <0.010 0.010 mg/kg 24-NOV-11 R2292687 Arsenic (As)-Total 0.044 0.010 mg/kg 24-NOV-11 R2292687 Barium (Ba)-Total 0.048 0.020 mg/kg 24-NOV-11 R2292687 Beryllium (Be)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292687 Bismuth (Bi)-Total <0.060 0.060 mg/kg 24-NOV-11 R2292687 Cadmium (Cd)-Total <0.0060 0.0060 mg/kg 24-NOV-11 R2292687 Cobalt (Co)-Total <0.020 0.020 mg/kg 24-NOV-11 R2292687 Copper (Cu)-Total 0.365 0.040 mg/kg 24-NOV-11 R2292687 Lead (Pb)-Total <0.020 0.020 mg/kg 24-NOV-11 R2292687 Lithium (Li)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292687 Magnesium (Mg)-Total 331 1.0 mg/kg 24-NOV-11 R2292687							

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-126 L195817-157 2004 RNWH MUSCLE WFKL-AUG 14-#4 FISH							
Sampled By: CLIENT on 14-AUG-04							
Matrix: TISSUE							
<b>Metals in Tissue by ICPMS wet weight</b>							
Manganese (Mn)-Total	0.111		0.010	mg/kg		24-NOV-11	R2292687
Molybdenum (Mo)-Total	<0.010		0.010	mg/kg		24-NOV-11	R2292687
Nickel (Ni)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292687
Selenium (Se)-Total	0.25		0.20	mg/kg		24-NOV-11	R2292687
Strontium (Sr)-Total	0.790		0.010	mg/kg		24-NOV-11	R2292687
Thallium (Tl)-Total	0.011		0.010	mg/kg		24-NOV-11	R2292687
Tin (Sn)-Total	<0.050		0.050	mg/kg		24-NOV-11	R2292687
Uranium (U)-Total	<0.0020		0.0020	mg/kg		24-NOV-11	R2292687
Vanadium (V)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292687
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	<2.0		2.0	mg/kg		22-NOV-11	R2291779
Calcium (Ca)-Total	281		2.0	mg/kg		22-NOV-11	R2291779
Chromium (Cr)-Total	<0.10		0.10	mg/kg		22-NOV-11	R2291779
Iron (Fe)-Total	2.1		1.0	mg/kg		22-NOV-11	R2291779
Phosphorus (P)-Total	2680		5.0	mg/kg		22-NOV-11	R2291779
Potassium (K)-Total	4590		20	mg/kg		22-NOV-11	R2291779
Sodium (Na)-Total	276		20	mg/kg		22-NOV-11	R2291779
Titanium (Ti)-Total	<0.10		0.10	mg/kg		22-NOV-11	R2291779
Zinc (Zn)-Total	3.49		0.10	mg/kg		22-NOV-11	R2291779
<b>Miscellaneous Parameters</b>							
% Moisture	76.9		0.10	%		01-DEC-11	R2296026
Mercury (Hg)-Total	0.109		0.0020	mg/kg	18-NOV-11	29-NOV-11	R2294692
Silver (Ag)-Total	<0.050		0.050	mg/kg		24-NOV-11	R2292687
L1072670-127 L195817-158 2004 RNWH MUSCLE WFKL-AUG 14-#5 FISH							
Sampled By: CLIENT on 14-AUG-04							
Matrix: TISSUE							
<b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>							
<b>Metals in Tissue by ICPMS wet weight</b>							
Antimony (Sb)-Total	<0.010		0.010	mg/kg		24-NOV-11	R2292687
Arsenic (As)-Total	0.065		0.010	mg/kg		24-NOV-11	R2292687
Barium (Ba)-Total	0.075		0.020	mg/kg		24-NOV-11	R2292687
Beryllium (Be)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292687
Bismuth (Bi)-Total	<0.060		0.060	mg/kg		24-NOV-11	R2292687
Cadmium (Cd)-Total	<0.0060		0.0060	mg/kg		24-NOV-11	R2292687
Cobalt (Co)-Total	<0.020		0.020	mg/kg		24-NOV-11	R2292687
Copper (Cu)-Total	2.35		0.040	mg/kg		24-NOV-11	R2292687
Lead (Pb)-Total	0.075		0.020	mg/kg		24-NOV-11	R2292687
Lithium (Li)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292687
Magnesium (Mg)-Total	375		1.0	mg/kg		24-NOV-11	R2292687
Manganese (Mn)-Total	0.136		0.010	mg/kg		24-NOV-11	R2292687
Molybdenum (Mo)-Total	<0.010		0.010	mg/kg		24-NOV-11	R2292687
Nickel (Ni)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292687
Selenium (Se)-Total	0.29		0.20	mg/kg		24-NOV-11	R2292687
Strontium (Sr)-Total	1.07		0.010	mg/kg		24-NOV-11	R2292687
Thallium (Tl)-Total	0.012		0.010	mg/kg		24-NOV-11	R2292687
Tin (Sn)-Total	0.150		0.050	mg/kg		24-NOV-11	R2292687
Uranium (U)-Total	<0.0020		0.0020	mg/kg		24-NOV-11	R2292687
Vanadium (V)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292687
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	<2.0		2.0	mg/kg		22-NOV-11	R2291779
Calcium (Ca)-Total	384		2.0	mg/kg		22-NOV-11	R2291779

\* Refer to Referenced Information for Qualifiers (if any) and Methodology.

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Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-127 L195817-158 2004 RNNH MUSCLE WFKL-AUG 14-#5 FISH Sampled By: CLIENT on 14-AUG-04 Matrix: TISSUE <b>Metals in Tissue by ICPOES wet weight</b> Chromium (Cr)-Total <0.10 0.10 mg/kg 22-NOV-11 R2291779 Iron (Fe)-Total 3.2 1.0 mg/kg 22-NOV-11 R2291779 Phosphorus (P)-Total 3320 5.0 mg/kg 22-NOV-11 R2291779 Potassium (K)-Total 5330 20 mg/kg 22-NOV-11 R2291779 Sodium (Na)-Total 390 20 mg/kg 22-NOV-11 R2291779 Titanium (Ti)-Total <0.10 0.10 mg/kg 22-NOV-11 R2291779 Zinc (Zn)-Total 4.05 0.10 mg/kg 22-NOV-11 R2291779 <b>Miscellaneous Parameters</b> % Moisture 76.1 0.10 % 01-DEC-11 R2296026 Mercury (Hg)-Total 0.142 0.0020 mg/kg 18-NOV-11 29-NOV-11 R2294692 Silver (Ag)-Total <0.050 0.050 mg/kg 24-NOV-11 R2292687							
L1072670-128 L195817-159 2004 RNNH MUSCLE WFKL-AUG 14-#6 FISH Sampled By: CLIENT on 14-AUG-04 Matrix: TISSUE <b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b> <b>Metals in Tissue by ICPMS wet weight</b> Antimony (Sb)-Total <0.010 0.010 mg/kg 24-NOV-11 R2292687 Arsenic (As)-Total 0.044 0.010 mg/kg 24-NOV-11 R2292687 Barium (Ba)-Total 0.026 0.020 mg/kg 24-NOV-11 R2292687 Beryllium (Be)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292687 Bismuth (Bi)-Total <0.060 0.060 mg/kg 24-NOV-11 R2292687 Cadmium (Cd)-Total <0.0060 0.0060 mg/kg 24-NOV-11 R2292687 Cobalt (Co)-Total <0.020 0.020 mg/kg 24-NOV-11 R2292687 Copper (Cu)-Total 0.466 0.040 mg/kg 24-NOV-11 R2292687 Lead (Pb)-Total <0.020 0.020 mg/kg 24-NOV-11 R2292687 Lithium (Li)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292687 Magnesium (Mg)-Total 329 1.0 mg/kg 24-NOV-11 R2292687 Manganese (Mn)-Total 0.070 0.010 mg/kg 24-NOV-11 R2292687 Molybdenum (Mo)-Total <0.010 0.010 mg/kg 24-NOV-11 R2292687 Nickel (Ni)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292687 Selenium (Se)-Total 0.28 0.20 mg/kg 24-NOV-11 R2292687 Strontium (Sr)-Total 0.254 0.010 mg/kg 24-NOV-11 R2292687 Thallium (Tl)-Total <0.010 0.010 mg/kg 24-NOV-11 R2292687 Tin (Sn)-Total <0.050 0.050 mg/kg 24-NOV-11 R2292687 Uranium (U)-Total <0.0020 0.0020 mg/kg 24-NOV-11 R2292687 Vanadium (V)-Total <0.10 0.10 mg/kg 24-NOV-11 R2292687 <b>Metals in Tissue by ICPOES wet weight</b> Aluminum (Al)-Total <2.0 2.0 mg/kg 22-NOV-11 R2291779 Calcium (Ca)-Total 113 2.0 mg/kg 22-NOV-11 R2291779 Chromium (Cr)-Total <0.10 0.10 mg/kg 22-NOV-11 R2291779 Iron (Fe)-Total 2.3 1.0 mg/kg 22-NOV-11 R2291779 Phosphorus (P)-Total 2980 5.0 mg/kg 22-NOV-11 R2291779 Potassium (K)-Total 5140 20 mg/kg 22-NOV-11 R2291779 Sodium (Na)-Total 330 20 mg/kg 22-NOV-11 R2291779 Titanium (Ti)-Total <0.10 0.10 mg/kg 22-NOV-11 R2291779 Zinc (Zn)-Total 3.44 0.10 mg/kg 22-NOV-11 R2291779 <b>Miscellaneous Parameters</b> % Moisture 78.1 0.10 % 01-DEC-11 R2296026 Mercury (Hg)-Total 0.142 0.0020 mg/kg 18-NOV-11 29-NOV-11 R2294692 Silver (Ag)-Total <0.050 0.050 mg/kg 24-NOV-11 R2292687							

\* Refer to Referenced Information for Qualifiers (if any) and Methodology.

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-129 L195817-160 2004 RNWH MUSCLE WF	04-09-14-1 FISH						
Sampled By: CLIENT on 14-SEP-04							
Matrix: TISSUE							
<b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>							
<b>Metals in Tissue by ICPMS wet weight</b>							
Antimony (Sb)-Total	<0.010		0.010	mg/kg		24-NOV-11	R2292687
Arsenic (As)-Total	0.037		0.010	mg/kg		24-NOV-11	R2292687
Barium (Ba)-Total	0.148		0.020	mg/kg		24-NOV-11	R2292687
Beryllium (Be)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292687
Bismuth (Bi)-Total	<0.060		0.060	mg/kg		24-NOV-11	R2292687
Cadmium (Cd)-Total	<0.0060		0.0060	mg/kg		24-NOV-11	R2292687
Cobalt (Co)-Total	<0.020		0.020	mg/kg		24-NOV-11	R2292687
Copper (Cu)-Total	1.42		0.040	mg/kg		24-NOV-11	R2292687
Lead (Pb)-Total	0.051		0.020	mg/kg		24-NOV-11	R2292687
Lithium (Li)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292687
Magnesium (Mg)-Total	321		1.0	mg/kg		24-NOV-11	R2292687
Manganese (Mn)-Total	0.193		0.010	mg/kg		24-NOV-11	R2292687
Molybdenum (Mo)-Total	<0.010		0.010	mg/kg		24-NOV-11	R2292687
Nickel (Ni)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292687
Selenium (Se)-Total	0.28		0.20	mg/kg		24-NOV-11	R2292687
Strontium (Sr)-Total	2.17		0.010	mg/kg		24-NOV-11	R2292687
Thallium (Tl)-Total	<0.010		0.010	mg/kg		24-NOV-11	R2292687
Tin (Sn)-Total	0.089		0.050	mg/kg		24-NOV-11	R2292687
Uranium (U)-Total	<0.0020		0.0020	mg/kg		24-NOV-11	R2292687
Vanadium (V)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292687
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	<2.0		2.0	mg/kg		22-NOV-11	R2291779
Calcium (Ca)-Total	669		2.0	mg/kg		22-NOV-11	R2291779
Chromium (Cr)-Total	<0.10		0.10	mg/kg		22-NOV-11	R2291779
Iron (Fe)-Total	2.8		1.0	mg/kg		22-NOV-11	R2291779
Phosphorus (P)-Total	2710		5.0	mg/kg		22-NOV-11	R2291779
Potassium (K)-Total	4020		20	mg/kg		22-NOV-11	R2291779
Sodium (Na)-Total	295		20	mg/kg		22-NOV-11	R2291779
Titanium (Ti)-Total	<0.10		0.10	mg/kg		22-NOV-11	R2291779
Zinc (Zn)-Total	3.99		0.10	mg/kg		22-NOV-11	R2291779
<b>Miscellaneous Parameters</b>							
% Moisture	76.0		0.10	%		01-DEC-11	R2296026
Mercury (Hg)-Total	0.107		0.0020	mg/kg	18-NOV-11	29-NOV-11	R2294692
Silver (Ag)-Total	<0.050		0.050	mg/kg		24-NOV-11	R2292687
L1072670-130 L195817-161 2004 RNWH LIVER WF	04-09-14-1 LIVER						
Sampled By: CLIENT on 14-SEP-04							
Matrix: TISSUE							
<b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>							
<b>Metals in Tissue by ICPMS wet weight</b>							
Antimony (Sb)-Total	<0.10	DLIS	0.10	mg/kg		24-NOV-11	R2292687
Arsenic (As)-Total	0.19	DLIS	0.10	mg/kg		24-NOV-11	R2292687
Barium (Ba)-Total	<0.20	DLIS	0.20	mg/kg		24-NOV-11	R2292687
Beryllium (Be)-Total	<1.0	DLIS	1.0	mg/kg		24-NOV-11	R2292687
Bismuth (Bi)-Total	<0.60	DLIS	0.60	mg/kg		24-NOV-11	R2292687
Cadmium (Cd)-Total	<0.060	DLIS	0.060	mg/kg		24-NOV-11	R2292687
Cobalt (Co)-Total	<0.20	DLIS	0.20	mg/kg		24-NOV-11	R2292687
Copper (Cu)-Total	1.59	DLIS	0.40	mg/kg		24-NOV-11	R2292687
Lead (Pb)-Total	<0.20	DLIS	0.20	mg/kg		24-NOV-11	R2292687
Lithium (Li)-Total	<1.0	DLIS	1.0	mg/kg		24-NOV-11	R2292687
Magnesium (Mg)-Total	160	DLIS	10	mg/kg		24-NOV-11	R2292687

\* Refer to Referenced Information for Qualifiers (if any) and Methodology.

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-130 L195817-161 2004 RNWH LIVER WF 04-09-14-1 LIVER							
Sampled By: CLIENT on 14-SEP-04							
Matrix: TISSUE							
<b>Metals in Tissue by ICPMS wet weight</b>							
Manganese (Mn)-Total	1.50	DLIS	0.10	mg/kg		24-NOV-11	R2292687
Molybdenum (Mo)-Total	0.28	DLIS	0.10	mg/kg		24-NOV-11	R2292687
Nickel (Ni)-Total	<1.0	DLIS	1.0	mg/kg		24-NOV-11	R2292687
Selenium (Se)-Total	<2.0	DLIS	2.0	mg/kg		24-NOV-11	R2292687
Strontium (Sr)-Total	0.31	DLIS	0.10	mg/kg		24-NOV-11	R2292687
Thallium (Tl)-Total	<0.10	DLIS	0.10	mg/kg		24-NOV-11	R2292687
Tin (Sn)-Total	<0.50	DLIS	0.50	mg/kg		24-NOV-11	R2292687
Uranium (U)-Total	<0.020	DLIS	0.020	mg/kg		24-NOV-11	R2292687
Vanadium (V)-Total	<1.0	DLIS	1.0	mg/kg		24-NOV-11	R2292687
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	<20	DLIS	20	mg/kg		22-NOV-11	R2291779
Calcium (Ca)-Total	63.0	DLIS	20	mg/kg		22-NOV-11	R2291779
Chromium (Cr)-Total	<1.0	DLIS	1.0	mg/kg		22-NOV-11	R2291779
Iron (Fe)-Total	83	DLIS	10	mg/kg		22-NOV-11	R2291779
Phosphorus (P)-Total	2690	DLIS	50	mg/kg		22-NOV-11	R2291779
Potassium (K)-Total	2040	DLIS	200	mg/kg		22-NOV-11	R2291779
Sodium (Na)-Total	980	DLIS	200	mg/kg		22-NOV-11	R2291779
Titanium (Ti)-Total	<1.0	DLIS	1.0	mg/kg		22-NOV-11	R2291779
Zinc (Zn)-Total	21.0	DLIS	1.0	mg/kg		22-NOV-11	R2291779
<b>Miscellaneous Parameters</b>							
Mercury (Hg)-Total	0.140		0.0020	mg/kg	18-NOV-11	29-NOV-11	R2294692
Silver (Ag)-Total	<0.50	DLIS	0.50	mg/kg		24-NOV-11	R2292687
L1072670-131 L195817-162 2004 RNWH MUSCLE WF 04-09-14-2 FISH							
Sampled By: CLIENT on 14-SEP-04							
Matrix: TISSUE							
<b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>							
<b>Metals in Tissue by ICPMS wet weight</b>							
Antimony (Sb)-Total	<0.010		0.010	mg/kg		24-NOV-11	R2292687
Arsenic (As)-Total	0.043		0.010	mg/kg		24-NOV-11	R2292687
Barium (Ba)-Total	0.113		0.020	mg/kg		24-NOV-11	R2292687
Beryllium (Be)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292687
Bismuth (Bi)-Total	<0.060		0.060	mg/kg		24-NOV-11	R2292687
Cadmium (Cd)-Total	<0.0060		0.0060	mg/kg		24-NOV-11	R2292687
Cobalt (Co)-Total	<0.020		0.020	mg/kg		24-NOV-11	R2292687
Copper (Cu)-Total	0.761		0.040	mg/kg		24-NOV-11	R2292687
Lead (Pb)-Total	0.020		0.020	mg/kg		24-NOV-11	R2292687
Lithium (Li)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292687
Magnesium (Mg)-Total	376		1.0	mg/kg		24-NOV-11	R2292687
Manganese (Mn)-Total	0.177		0.010	mg/kg		24-NOV-11	R2292687
Molybdenum (Mo)-Total	<0.010		0.010	mg/kg		24-NOV-11	R2292687
Nickel (Ni)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292687
Selenium (Se)-Total	0.33		0.20	mg/kg		24-NOV-11	R2292687
Strontium (Sr)-Total	1.89		0.010	mg/kg		24-NOV-11	R2292687
Thallium (Tl)-Total	0.012		0.010	mg/kg		24-NOV-11	R2292687
Tin (Sn)-Total	<0.050		0.050	mg/kg		24-NOV-11	R2292687
Uranium (U)-Total	<0.0020		0.0020	mg/kg		24-NOV-11	R2292687
Vanadium (V)-Total	<0.10		0.10	mg/kg		24-NOV-11	R2292687
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	<2.0		2.0	mg/kg		22-NOV-11	R2291779
Calcium (Ca)-Total	627		2.0	mg/kg		22-NOV-11	R2291779
Chromium (Cr)-Total	<0.10		0.10	mg/kg		22-NOV-11	R2291779

\* Refer to Referenced Information for Qualifiers (if any) and Methodology.

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-131 L195817-162 2004 RNWH MUSCLE WF	04-09-14-2 FISH						
Sampled By: CLIENT on 14-SEP-04							
Matrix: TISSUE							
<b>Metals in Tissue by ICPOES wet weight</b>							
Iron (Fe)-Total	2.8		1.0	mg/kg		22-NOV-11	R2291779
Phosphorus (P)-Total	3140		5.0	mg/kg		22-NOV-11	R2291779
Potassium (K)-Total	5030		20	mg/kg		22-NOV-11	R2291779
Sodium (Na)-Total	360		20	mg/kg		22-NOV-11	R2291779
Titanium (Ti)-Total	<0.10		0.10	mg/kg		22-NOV-11	R2291779
Zinc (Zn)-Total	3.65		0.10	mg/kg		22-NOV-11	R2291779
<b>Miscellaneous Parameters</b>							
% Moisture	73.3		0.10	%		01-DEC-11	R2296026
Mercury (Hg)-Total	0.117		0.0020	mg/kg	18-NOV-11	29-NOV-11	R2294692
Silver (Ag)-Total	<0.050		0.050	mg/kg		24-NOV-11	R2292687
L1072670-132 L195817-163 2004 RNWH LIVER WF	04-09-14-2 LIVER						
Sampled By: CLIENT on 14-SEP-04							
Matrix: TISSUE							
<b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>							
<b>Metals in Tissue by ICPMS wet weight</b>							
Antimony (Sb)-Total	<0.040	DLIS	0.040	mg/kg		24-NOV-11	R2292687
Arsenic (As)-Total	0.141	DLIS	0.040	mg/kg		24-NOV-11	R2292687
Barium (Ba)-Total	<0.080	DLIS	0.080	mg/kg		24-NOV-11	R2292687
Beryllium (Be)-Total	<0.40	DLIS	0.40	mg/kg		24-NOV-11	R2292687
Bismuth (Bi)-Total	<0.24	DLIS	0.24	mg/kg		24-NOV-11	R2292687
Cadmium (Cd)-Total	0.042	DLIS	0.024	mg/kg		24-NOV-11	R2292687
Cobalt (Co)-Total	0.087	DLIS	0.080	mg/kg		24-NOV-11	R2292687
Copper (Cu)-Total	1.48	DLIS	0.16	mg/kg		24-NOV-11	R2292687
Lead (Pb)-Total	<0.080	DLIS	0.080	mg/kg		24-NOV-11	R2292687
Lithium (Li)-Total	<0.40	DLIS	0.40	mg/kg		24-NOV-11	R2292687
Magnesium (Mg)-Total	148	DLIS	4.0	mg/kg		24-NOV-11	R2292687
Manganese (Mn)-Total	1.62	DLIS	0.040	mg/kg		24-NOV-11	R2292687
Molybdenum (Mo)-Total	0.346	DLIS	0.040	mg/kg		24-NOV-11	R2292687
Nickel (Ni)-Total	1.70	DLIS	0.40	mg/kg		24-NOV-11	R2292687
Selenium (Se)-Total	1.01	DLIS	0.80	mg/kg		24-NOV-11	R2292687
Strontium (Sr)-Total	0.317	DLIS	0.040	mg/kg		24-NOV-11	R2292687
Thallium (Tl)-Total	0.062	DLIS	0.040	mg/kg		24-NOV-11	R2292687
Tin (Sn)-Total	<0.20	DLIS	0.20	mg/kg		24-NOV-11	R2292687
Uranium (U)-Total	<0.0080	DLIS	0.0080	mg/kg		24-NOV-11	R2292687
Vanadium (V)-Total	<0.40	DLIS	0.40	mg/kg		24-NOV-11	R2292687
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	<6.0	DLIS	6.0	mg/kg		22-NOV-11	R2291779
Calcium (Ca)-Total	59.6	DLIS	6.0	mg/kg		22-NOV-11	R2291779
Chromium (Cr)-Total	2.18	DLIS	0.30	mg/kg		22-NOV-11	R2291779
Iron (Fe)-Total	251	DLIS	3.0	mg/kg		22-NOV-11	R2291779
Phosphorus (P)-Total	2460		5.0	mg/kg		22-NOV-11	R2291779
Potassium (K)-Total	2030	DLIS	60	mg/kg		22-NOV-11	R2291779
Sodium (Na)-Total	770	DLIS	60	mg/kg		22-NOV-11	R2291779
Titanium (Ti)-Total	<0.30	DLIS	0.30	mg/kg		22-NOV-11	R2291779
Zinc (Zn)-Total	19.0	DLIS	0.30	mg/kg		22-NOV-11	R2291779
<b>Miscellaneous Parameters</b>							
Mercury (Hg)-Total	0.130		0.0020	mg/kg	18-NOV-11	29-NOV-11	R2294692
Silver (Ag)-Total	<0.20	DLIS	0.20	mg/kg		24-NOV-11	R2292687

\* Refer to Referenced Information for Qualifiers (if any) and Methodology.

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-133 L195817-164 2004 RNWH MUSCLE WF	04-09-14-3 FISH						
Sampled By: CLIENT on 14-SEP-04							
Matrix: TISSUE							
<b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>							
<b>Metals in Tissue by ICPMS wet weight</b>							
Antimony (Sb)-Total	<0.010		0.010	mg/kg		26-NOV-11	R2293731
Arsenic (As)-Total	0.035		0.010	mg/kg		26-NOV-11	R2293731
Barium (Ba)-Total	0.089		0.020	mg/kg		26-NOV-11	R2293731
Beryllium (Be)-Total	<0.10		0.10	mg/kg		26-NOV-11	R2293731
Bismuth (Bi)-Total	<0.060		0.060	mg/kg		26-NOV-11	R2293731
Cadmium (Cd)-Total	<0.0060		0.0060	mg/kg		26-NOV-11	R2293731
Cobalt (Co)-Total	<0.020		0.020	mg/kg		26-NOV-11	R2293731
Copper (Cu)-Total	0.702		0.040	mg/kg		26-NOV-11	R2293731
Lead (Pb)-Total	<0.020		0.020	mg/kg		26-NOV-11	R2293731
Lithium (Li)-Total	<0.10		0.10	mg/kg		26-NOV-11	R2293731
Magnesium (Mg)-Total	331		1.0	mg/kg		26-NOV-11	R2293731
Manganese (Mn)-Total	0.207		0.010	mg/kg		26-NOV-11	R2293731
Molybdenum (Mo)-Total	<0.010		0.010	mg/kg		26-NOV-11	R2293731
Nickel (Ni)-Total	<0.10		0.10	mg/kg		26-NOV-11	R2293731
Selenium (Se)-Total	0.31		0.20	mg/kg		26-NOV-11	R2293731
Strontium (Sr)-Total	1.33		0.010	mg/kg		26-NOV-11	R2293731
Thallium (Tl)-Total	0.012		0.010	mg/kg		26-NOV-11	R2293731
Tin (Sn)-Total	<0.050		0.050	mg/kg		26-NOV-11	R2293731
Uranium (U)-Total	<0.0020		0.0020	mg/kg		26-NOV-11	R2293731
Vanadium (V)-Total	<0.10		0.10	mg/kg		26-NOV-11	R2293731
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	<2.0		2.0	mg/kg		25-NOV-11	R2293678
Calcium (Ca)-Total	377		2.0	mg/kg		25-NOV-11	R2293678
Chromium (Cr)-Total	<0.10		0.10	mg/kg		25-NOV-11	R2293678
Iron (Fe)-Total	2.3		1.0	mg/kg		25-NOV-11	R2293678
Phosphorus (P)-Total	2920		5.0	mg/kg		25-NOV-11	R2293678
Potassium (K)-Total	4980		20	mg/kg		25-NOV-11	R2293678
Sodium (Na)-Total	259		20	mg/kg		25-NOV-11	R2293678
Titanium (Ti)-Total	<0.10		0.10	mg/kg		25-NOV-11	R2293678
Zinc (Zn)-Total	3.34		0.10	mg/kg		25-NOV-11	R2293678
<b>Miscellaneous Parameters</b>							
% Moisture	76.9		0.10	%		01-DEC-11	R2296026
Mercury (Hg)-Total	0.0962		0.0020	mg/kg	23-NOV-11	29-NOV-11	R2294692
Silver (Ag)-Total	<0.050		0.050	mg/kg		26-NOV-11	R2293731
L1072670-135 L195817-166 2004 RNWH MUSCLE WF	04-09-14-4 FISH						
Sampled By: CLIENT on 14-SEP-04							
Matrix: TISSUE							
<b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>							
<b>Metals in Tissue by ICPMS wet weight</b>							
Antimony (Sb)-Total	<0.010		0.010	mg/kg		26-NOV-11	R2293731
Arsenic (As)-Total	0.037		0.010	mg/kg		26-NOV-11	R2293731
Barium (Ba)-Total	0.038		0.020	mg/kg		26-NOV-11	R2293731
Beryllium (Be)-Total	<0.10		0.10	mg/kg		26-NOV-11	R2293731
Bismuth (Bi)-Total	<0.060		0.060	mg/kg		26-NOV-11	R2293731
Cadmium (Cd)-Total	<0.0060		0.0060	mg/kg		26-NOV-11	R2293731
Cobalt (Co)-Total	<0.020		0.020	mg/kg		26-NOV-11	R2293731
Copper (Cu)-Total	0.455		0.040	mg/kg		26-NOV-11	R2293731
Lead (Pb)-Total	<0.020		0.020	mg/kg		26-NOV-11	R2293731
Lithium (Li)-Total	<0.10		0.10	mg/kg		26-NOV-11	R2293731
Magnesium (Mg)-Total	310		1.0	mg/kg		26-NOV-11	R2293731

\* Refer to Referenced Information for Qualifiers (if any) and Methodology.

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-135 L195817-166 2004 RNWH MUSCLE WF	04-09-14-4 FISH						
Sampled By: CLIENT on 14-SEP-04							
Matrix: TISSUE							
<b>Metals in Tissue by ICPMS wet weight</b>							
Manganese (Mn)-Total	0.099		0.010	mg/kg		26-NOV-11	R2293731
Molybdenum (Mo)-Total	<0.010		0.010	mg/kg		26-NOV-11	R2293731
Nickel (Ni)-Total	<0.10		0.10	mg/kg		26-NOV-11	R2293731
Selenium (Se)-Total	0.27		0.20	mg/kg		26-NOV-11	R2293731
Strontium (Sr)-Total	0.546		0.010	mg/kg		26-NOV-11	R2293731
Thallium (Tl)-Total	<0.010		0.010	mg/kg		26-NOV-11	R2293731
Tin (Sn)-Total	<0.050		0.050	mg/kg		26-NOV-11	R2293731
Uranium (U)-Total	<0.0020		0.0020	mg/kg		26-NOV-11	R2293731
Vanadium (V)-Total	<0.10		0.10	mg/kg		26-NOV-11	R2293731
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	<2.0		2.0	mg/kg		25-NOV-11	R2293678
Calcium (Ca)-Total	182		2.0	mg/kg		25-NOV-11	R2293678
Chromium (Cr)-Total	<0.10		0.10	mg/kg		25-NOV-11	R2293678
Iron (Fe)-Total	1.8		1.0	mg/kg		25-NOV-11	R2293678
Phosphorus (P)-Total	3380		5.0	mg/kg		25-NOV-11	R2293678
Potassium (K)-Total	6230		20	mg/kg		25-NOV-11	R2293678
Sodium (Na)-Total	252		20	mg/kg		25-NOV-11	R2293678
Titanium (Ti)-Total	<0.10		0.10	mg/kg		25-NOV-11	R2293678
Zinc (Zn)-Total	3.21		0.10	mg/kg		25-NOV-11	R2293678
<b>Miscellaneous Parameters</b>							
% Moisture	77.3		0.10	%		01-DEC-11	R2296026
Mercury (Hg)-Total	0.0887		0.0020	mg/kg	23-NOV-11	29-NOV-11	R2294692
Silver (Ag)-Total	<0.050		0.050	mg/kg		26-NOV-11	R2293731
L1072670-137 L195817-168 2004 RNWH MUSCLE WF	04-09-14-5 FISH						
Sampled By: CLIENT on 14-SEP-04							
Matrix: TISSUE							
<b>ICPOES &amp; ICPMS in Tissue (Wet Weight)</b>							
<b>Metals in Tissue by ICPMS wet weight</b>							
Antimony (Sb)-Total	<0.010		0.010	mg/kg		26-NOV-11	R2293731
Arsenic (As)-Total	0.035		0.010	mg/kg		26-NOV-11	R2293731
Barium (Ba)-Total	0.050		0.020	mg/kg		26-NOV-11	R2293731
Beryllium (Be)-Total	<0.10		0.10	mg/kg		26-NOV-11	R2293731
Bismuth (Bi)-Total	<0.060		0.060	mg/kg		26-NOV-11	R2293731
Cadmium (Cd)-Total	<0.0060		0.0060	mg/kg		26-NOV-11	R2293731
Cobalt (Co)-Total	<0.020		0.020	mg/kg		26-NOV-11	R2293731
Copper (Cu)-Total	0.407		0.040	mg/kg		26-NOV-11	R2293731
Lead (Pb)-Total	<0.020		0.020	mg/kg		26-NOV-11	R2293731
Lithium (Li)-Total	<0.10		0.10	mg/kg		26-NOV-11	R2293731
Magnesium (Mg)-Total	307		1.0	mg/kg		26-NOV-11	R2293731
Manganese (Mn)-Total	0.104		0.010	mg/kg		26-NOV-11	R2293731
Molybdenum (Mo)-Total	<0.010		0.010	mg/kg		26-NOV-11	R2293731
Nickel (Ni)-Total	<0.10		0.10	mg/kg		26-NOV-11	R2293731
Selenium (Se)-Total	0.31		0.20	mg/kg		26-NOV-11	R2293731
Strontium (Sr)-Total	0.642		0.010	mg/kg		26-NOV-11	R2293731
Thallium (Tl)-Total	<0.010		0.010	mg/kg		26-NOV-11	R2293731
Tin (Sn)-Total	<0.050		0.050	mg/kg		26-NOV-11	R2293731
Uranium (U)-Total	<0.0020		0.0020	mg/kg		26-NOV-11	R2293731
Vanadium (V)-Total	<0.10		0.10	mg/kg		26-NOV-11	R2293731
<b>Metals in Tissue by ICPOES wet weight</b>							
Aluminum (Al)-Total	<2.0		2.0	mg/kg		25-NOV-11	R2293678
Calcium (Ca)-Total	249		2.0	mg/kg		25-NOV-11	R2293678

\* Refer to Referenced Information for Qualifiers (if any) and Methodology.

## ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1072670-137 L195817-168 2004 RNWH MUSCLE WF	04-09-14-5 FISH						
Sampled By: CLIENT on 14-SEP-04							
Matrix: TISSUE							
<b>Metals in Tissue by ICPOES wet weight</b>							
Chromium (Cr)-Total	<0.10		0.10	mg/kg		25-NOV-11	R2293678
Iron (Fe)-Total	2.2		1.0	mg/kg		25-NOV-11	R2293678
Phosphorus (P)-Total	2880		5.0	mg/kg		25-NOV-11	R2293678
Potassium (K)-Total	5300		20	mg/kg		25-NOV-11	R2293678
Sodium (Na)-Total	284		20	mg/kg		25-NOV-11	R2293678
Titanium (Ti)-Total	<0.10		0.10	mg/kg		25-NOV-11	R2293678
Zinc (Zn)-Total	3.44		0.10	mg/kg		25-NOV-11	R2293678
<b>Miscellaneous Parameters</b>							
% Moisture	77.9		0.10	%		01-DEC-11	R2296026
Mercury (Hg)-Total	0.0999		0.0020	mg/kg	23-NOV-11	29-NOV-11	R2294692
Silver (Ag)-Total	<0.050		0.050	mg/kg		26-NOV-11	R2293731

## Reference Information

**Sample Parameter Qualifier Key:**

Qualifier	Description
B	Method Blank exceeds ALS DQO. All associated sample results are at least 5 times greater than blank levels and are considered reliable.
DLIS	Detection Limit Adjusted: Insufficient Sample
DUP-H	Duplicate results outside ALS DQO, due to sample heterogeneity.
E	Matrix Spike recovery outside ALS DQO due to analyte background in sample.
MS-B	Matrix Spike recovery could not be accurately calculated due to high analyte background in sample.
RRV	Reported Result Verified By Repeat Analysis

**Test Method References:**

ALS Test Code	Matrix	Test Description	Method Reference**
AG-WET-MS-ED	Tissue	Silver in Tissue by ICPMS wet weight	EPA 200.3/200.8-ICPMS
HG-WET-CVAA-ED	Tissue	Mercury in Tissue by CVAA, Wet weight	EPA 200.3 / EPA 245.1
MET-WET-ICP-ED	Tissue	Metals in Tissue by ICPOES wet weight	EPA 200.3/200.7-ICPOES
MET-WET-MS-ED	Tissue	Metals in Tissue by ICPMS wet weight	EPA 200.3/200.8-ICPMS
PREP-MOISTURE-ED	Tissue	% Moisture	Oven dry 105C-Gravimetric

\*\* ALS test methods may incorporate modifications from specified reference methods to improve performance.

*The last two letters of the above test code(s) indicate the laboratory that performed analytical analysis for that test. Refer to the list below:*

Laboratory Definition Code	Laboratory Location
ED	ALS ENVIRONMENTAL - EDMONTON, ALBERTA, CANADA

**Chain of Custody Numbers:**

C0822322	C082318	C082319	C082320
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**GLOSSARY OF REPORT TERMS**

*Surrogates are compounds that are similar in behaviour to target analyte(s), but that do not normally occur in environmental samples. For applicable tests, surrogates are added to samples prior to analysis as a check on recovery. In reports that display the D.L. column, laboratory objectives for surrogates are listed there.*

*mg/kg - milligrams per kilogram based on dry weight of sample*

*mg/kg wwt - milligrams per kilogram based on wet weight of sample*

*mg/kg lwt - milligrams per kilogram based on lipid-adjusted weight*

*mg/L - unit of concentration based on volume, parts per million.*

*< - Less than.*

*D.L. - The reporting limit.*

*N/A - Result not available. Refer to qualifier code and definition for explanation.*

*Test results reported relate only to the samples as received by the laboratory.*

*UNLESS OTHERWISE STATED, ALL SAMPLES WERE RECEIVED IN ACCEPTABLE CONDITION.*

*Analytical results in unsigned test reports with the DRAFT watermark are subject to change, pending final QC review.*



## Quality Control Report

Workorder: L1072670

Report Date: 26-MAR-12

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
<b>AG-WET-MS-ED</b>								
Tissue								
Batch	R2292752							
WG1389734-1	MB							
Silver (Ag)-Total			<0.050		mg/kg		0.05	24-NOV-11
WG1389734-2	MB							
Silver (Ag)-Total			<0.050		mg/kg		0.05	24-NOV-11
WG1389734-3	MB							
Silver (Ag)-Total			<0.050		mg/kg		0.05	24-NOV-11
WG1389734-11	MS	L1072670-114						
Silver (Ag)-Total			100.0		%		50-150	25-NOV-11
WG1389734-7	MS	L1072670-51						
Silver (Ag)-Total			99.2		%		50-150	24-NOV-11
WG1389734-9	MS	L1072670-58						
Silver (Ag)-Total			99.8		%		50-150	24-NOV-11
Batch	R2293731							
WG1392772-4	CRM	DOLT-4_LIVER						
Silver (Ag)-Total			95.2		%		70-130	26-NOV-11
WG1392772-5	DUP	L1072670-135						
Silver (Ag)-Total			<0.050	<0.050	RPD-NA	mg/kg	N/A	35
WG1392772-1	MB							
Silver (Ag)-Total			<0.050		mg/kg		0.05	26-NOV-11
WG1392772-2	MB							
Silver (Ag)-Total			<0.050		mg/kg		0.05	26-NOV-11
WG1392772-6	MS	L1072670-135						
Silver (Ag)-Total			95.3		%		50-150	26-NOV-11
<b>HG-WET-CVAA-ED</b>								
Tissue								
Batch	R2289591							
WG1388546-2	CRM	DORM-3_FISH						
Mercury (Hg)-Total			73.4		%		40.5-119	18-NOV-11
WG1388546-3	CRM	DOLT-4_LIVER						
Mercury (Hg)-Total			83.5		%		70-130	18-NOV-11
WG1388546-4	DUP	L1072670-2						
Mercury (Hg)-Total			0.558	0.590	mg/kg	5.6	35	18-NOV-11
WG1388546-6	DUP	L1072670-3						
Mercury (Hg)-Total			0.383	0.363	mg/kg	5.1	35	18-NOV-11
WG1388546-1	MB							
Mercury (Hg)-Total			<0.0020		mg/kg		0.002	18-NOV-11
WG1388546-8	MB							
Mercury (Hg)-Total			<0.0020		mg/kg		0.002	18-NOV-11
WG1388546-5	MS	L1072670-2						

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<b>HG-WET-CVAA-ED</b>	<b>Tissue</b>							
Batch	R2289591							
WG1388546-5	MS	L1072670-2						
Mercury (Hg)-Total			N/A	MS-B	%	-	18-NOV-11	
WG1388546-7	MS	L1072670-3						
Mercury (Hg)-Total			N/A	MS-B	%	-	18-NOV-11	
Batch	R2293324							
WG1389734-4	CRM	DORM-3_FISH						
Mercury (Hg)-Total			97.4		%	40.5-119	25-NOV-11	
WG1389734-5	CRM	DOLT-4_LIVER						
Mercury (Hg)-Total			108.2		%	70-130	25-NOV-11	
WG1389734-10	DUP	L1072670-114						
Mercury (Hg)-Total			1.80	1.78	mg/kg	0.90	35	28-NOV-11
WG1389734-6	DUP	L1072670-51						
Mercury (Hg)-Total			1.07	1.06	mg/kg	1.1	35	25-NOV-11
WG1389734-8	DUP	L1072670-58						
Mercury (Hg)-Total			1.59	1.54	mg/kg	3.2	35	25-NOV-11
WG1389734-1	MB							
Mercury (Hg)-Total			<0.0020		mg/kg	0.002	25-NOV-11	
WG1389734-2	MB							
Mercury (Hg)-Total			<0.0020		mg/kg	0.002	25-NOV-11	
WG1389734-3	MB							
Mercury (Hg)-Total			<0.0020		mg/kg	0.002	25-NOV-11	
WG1389734-11	MS	L1072670-114						
Mercury (Hg)-Total			N/A	MS-B	%	-	28-NOV-11	
WG1389734-7	MS	L1072670-51						
Mercury (Hg)-Total			N/A	MS-B	%	-	25-NOV-11	
WG1389734-9	MS	L1072670-58						
Mercury (Hg)-Total			N/A	MS-B	%	-	25-NOV-11	
Batch	R2294692							
WG1390204-3	CRM	DORM-3_FISH						
Mercury (Hg)-Total			98.0		%	40.5-119	29-NOV-11	
WG1390204-4	CRM	DOLT-4_LIVER						
Mercury (Hg)-Total			108.8		%	70-130	29-NOV-11	
WG1392772-3	CRM	DORM-3_FISH						
Mercury (Hg)-Total			95.0		%	40.5-119	29-NOV-11	
WG1392772-4	CRM	DOLT-4_LIVER						
Mercury (Hg)-Total			108.4		%	70-130	29-NOV-11	
WG1390204-5	DUP	L1072670-106						
Mercury (Hg)-Total			0.131	0.129	mg/kg	1.9	35	29-NOV-11
WG1390204-7	DUP	L1072670-116						

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<b>HG-WET-CVAA-ED</b>	<b>Tissue</b>							
Batch R2294692								
<b>WG1390204-7 DUP</b>		<b>L1072670-116</b>						
Mercury (Hg)-Total		1.66	1.70		mg/kg	2.5	35	29-NOV-11
<b>WG1392772-5 DUP</b>		<b>L1072670-135</b>						
Mercury (Hg)-Total		0.0887	0.0855		mg/kg	3.7	35	29-NOV-11
<b>WG1390204-1 MB</b>								
Mercury (Hg)-Total			<0.0020		mg/kg		0.002	29-NOV-11
<b>WG1390204-2 MB</b>								
Mercury (Hg)-Total			<0.0020		mg/kg		0.002	29-NOV-11
<b>WG1392772-1 MB</b>								
Mercury (Hg)-Total			<0.0020		mg/kg		0.002	29-NOV-11
<b>WG1392772-2 MB</b>								
Mercury (Hg)-Total			<0.0020		mg/kg		0.002	29-NOV-11
<b>WG1390204-6 MS</b>		<b>L1072670-106</b>						
Mercury (Hg)-Total		N/A		MS-B	%		-	29-NOV-11
<b>WG1390204-8 MS</b>		<b>L1072670-116</b>						
Mercury (Hg)-Total		N/A		MS-B	%		-	29-NOV-11
<b>WG1392772-6 MS</b>		<b>L1072670-135</b>						
Mercury (Hg)-Total		N/A		MS-B	%		-	29-NOV-11
<b>MET-WET-ICP-ED</b>	<b>Tissue</b>							
Batch R2290514								
<b>WG1388546-2 CRM</b>		<b>DORM-3_FISH</b>						
Iron (Fe)-Total			80.4		%		70-130	21-NOV-11
Zinc (Zn)-Total			89.3		%		70-130	21-NOV-11
<b>WG1388546-3 CRM</b>		<b>DOLT-4_LIVER</b>						
Iron (Fe)-Total			78.2		%		70-130	21-NOV-11
Zinc (Zn)-Total			90.8		%		70-130	21-NOV-11
<b>WG1388546-4 DUP</b>		<b>L1072670-2</b>						
Aluminum (Al)-Total		<2.0	<2.0	RPD-NA	mg/kg	N/A	35	21-NOV-11
Calcium (Ca)-Total		138	134		mg/kg	2.9	50	21-NOV-11
Chromium (Cr)-Total		<0.10	<0.10	RPD-NA	mg/kg	N/A	35	21-NOV-11
Iron (Fe)-Total		2.6	2.6		mg/kg	0.043	35	21-NOV-11
Sodium (Na)-Total		311	312		mg/kg	0.35	35	21-NOV-11
Titanium (Ti)-Total		<0.10	<0.10	RPD-NA	mg/kg	N/A	35	21-NOV-11
Zinc (Zn)-Total		3.93	3.90		mg/kg	0.80	35	21-NOV-11
<b>WG1388546-6 DUP</b>		<b>L1072670-3</b>						
Aluminum (Al)-Total		<2.0	<2.0	RPD-NA	mg/kg	N/A	35	21-NOV-11
Calcium (Ca)-Total		128	121		mg/kg	5.7	50	21-NOV-11

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<b>MET-WET-ICP-ED</b>								
<b>Tissue</b>								
<b>Batch R2290514</b>								
<b>WG1388546-6 DUP</b>		<b>L1072670-3</b>						
Chromium (Cr)-Total		<0.10	<0.10	RPD-NA	mg/kg	N/A	35	21-NOV-11
Iron (Fe)-Total		3.9	3.9		mg/kg	0.70	35	21-NOV-11
Sodium (Na)-Total		372	368		mg/kg	1.2	35	21-NOV-11
Titanium (Ti)-Total		<0.10	<0.10	RPD-NA	mg/kg	N/A	35	21-NOV-11
Zinc (Zn)-Total		4.54	4.65		mg/kg	2.4	35	21-NOV-11
<b>WG1388546-1 MB</b>								
Aluminum (Al)-Total			<2.0		mg/kg	2	21-NOV-11	
Calcium (Ca)-Total			<2.0		mg/kg	2	21-NOV-11	
Chromium (Cr)-Total			<0.10		mg/kg	0.1	21-NOV-11	
Iron (Fe)-Total			<1.0		mg/kg	1	21-NOV-11	
Phosphorus (P)-Total			<5.0		mg/kg	5	21-NOV-11	
Potassium (K)-Total			<20		mg/kg	20	21-NOV-11	
Sodium (Na)-Total			<20		mg/kg	20	21-NOV-11	
Titanium (Ti)-Total			<0.10		mg/kg	0.1	21-NOV-11	
Zinc (Zn)-Total			<0.10		mg/kg	0.1	21-NOV-11	
<b>WG1388546-8 MB</b>								
Aluminum (Al)-Total			<2.0		mg/kg	2	21-NOV-11	
Calcium (Ca)-Total			<2.0		mg/kg	2	21-NOV-11	
Chromium (Cr)-Total			<0.10		mg/kg	0.1	21-NOV-11	
Iron (Fe)-Total			<1.0		mg/kg	1	21-NOV-11	
Phosphorus (P)-Total			<5.0		mg/kg	5	21-NOV-11	
Potassium (K)-Total			<20		mg/kg	20	21-NOV-11	
Sodium (Na)-Total			<20		mg/kg	20	21-NOV-11	
Titanium (Ti)-Total			<0.10		mg/kg	0.1	21-NOV-11	
Zinc (Zn)-Total			0.13	B	mg/kg	0.1	21-NOV-11	
<b>WG1388546-5 MS</b>		<b>L1072670-2</b>						
Aluminum (Al)-Total		88.1			%	50-150	21-NOV-11	
Calcium (Ca)-Total		82.9			%	50-150	21-NOV-11	
Chromium (Cr)-Total		86.1			%	50-150	21-NOV-11	
Iron (Fe)-Total		84.1			%	50-150	21-NOV-11	
Phosphorus (P)-Total		43.3	E		%	50-150	21-NOV-11	
Potassium (K)-Total		87.2			%	50-150	21-NOV-11	
Sodium (Na)-Total		101.9			%	50-150	21-NOV-11	
Titanium (Ti)-Total		92.0			%	50-150	21-NOV-11	
Zinc (Zn)-Total		90.4			%	50-150	21-NOV-11	

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<b>MET-WET-ICP-ED</b>	<b>Tissue</b>							
<b>Batch R2290514</b>								
<b>WG1388546-7 MS</b>		<b>L1072670-3</b>						
Aluminum (Al)-Total			98.9		%		50-150	21-NOV-11
Calcium (Ca)-Total			91.6		%		50-150	21-NOV-11
Chromium (Cr)-Total			92.8		%		50-150	21-NOV-11
Iron (Fe)-Total			90.5		%		50-150	21-NOV-11
Phosphorus (P)-Total			64.7		%		50-150	21-NOV-11
Sodium (Na)-Total			113.5		%		50-150	21-NOV-11
Titanium (Ti)-Total			101.8		%		50-150	21-NOV-11
Zinc (Zn)-Total			98.0		%		50-150	21-NOV-11
<b>Batch R2291779</b>								
<b>WG1390204-3 CRM</b>		<b>DORM-3_FISH</b>						
Iron (Fe)-Total			94.2		%		70-130	22-NOV-11
Zinc (Zn)-Total			92.0		%		70-130	22-NOV-11
<b>WG1390204-4 CRM</b>		<b>DOLT-4_LIVER</b>						
Iron (Fe)-Total			87.9		%		70-130	22-NOV-11
Zinc (Zn)-Total			92.1		%		70-130	22-NOV-11
<b>WG1390204-5 DUP</b>		<b>L1072670-106</b>						
Aluminum (Al)-Total		<2.0	<2.0	RPD-NA	mg/kg	N/A	35	22-NOV-11
Calcium (Ca)-Total		89.8	79.5		mg/kg	12	50	22-NOV-11
Chromium (Cr)-Total		0.24	0.24		mg/kg	0.068	35	22-NOV-11
Iron (Fe)-Total		266	242		mg/kg	9.3	35	22-NOV-11
Sodium (Na)-Total		1480	1400		mg/kg	5.2	35	22-NOV-11
Titanium (Ti)-Total		<0.10	<0.10	RPD-NA	mg/kg	N/A	35	22-NOV-11
Zinc (Zn)-Total		22.9	20.7		mg/kg	10	35	22-NOV-11
<b>WG1390204-7 DUP</b>		<b>L1072670-116</b>						
Aluminum (Al)-Total		<2.0	<2.0	RPD-NA	mg/kg	N/A	35	22-NOV-11
Calcium (Ca)-Total		30.4	31.4		mg/kg	3.3	50	22-NOV-11
Chromium (Cr)-Total		0.10	0.10		mg/kg	3.7	35	22-NOV-11
Iron (Fe)-Total		242	264		mg/kg	8.6	35	22-NOV-11
Sodium (Na)-Total		1110	1170		mg/kg	5.1	35	22-NOV-11
Titanium (Ti)-Total		<0.10	<0.10	RPD-NA	mg/kg	N/A	35	22-NOV-11
Zinc (Zn)-Total		20.7	22.4		mg/kg	7.8	35	22-NOV-11
<b>WG1390204-1 MB</b>								
Aluminum (Al)-Total			<2.0		mg/kg		2	22-NOV-11
Calcium (Ca)-Total			<2.0		mg/kg		2	22-NOV-11
Chromium (Cr)-Total			<0.10		mg/kg		0.1	22-NOV-11

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<b>MET-WET-ICP-ED</b> <b>Tissue</b>								
<b>Batch R2291779</b>								
<b>WG1390204-1 MB</b>								
Iron (Fe)-Total			<1.0		mg/kg	1	22-NOV-11	
Phosphorus (P)-Total			<5.0		mg/kg	5	22-NOV-11	
Potassium (K)-Total			<20		mg/kg	20	22-NOV-11	
Sodium (Na)-Total			<20		mg/kg	20	22-NOV-11	
Titanium (Ti)-Total			<0.10		mg/kg	0.1	22-NOV-11	
Zinc (Zn)-Total			<0.10		mg/kg	0.1	22-NOV-11	
<b>WG1390204-2 MB</b>								
Aluminum (Al)-Total			<2.0		mg/kg	2	22-NOV-11	
Calcium (Ca)-Total			<2.0		mg/kg	2	22-NOV-11	
Chromium (Cr)-Total			<0.10		mg/kg	0.1	22-NOV-11	
Iron (Fe)-Total			<1.0		mg/kg	1	22-NOV-11	
Phosphorus (P)-Total			<5.0		mg/kg	5	22-NOV-11	
Potassium (K)-Total			<20		mg/kg	20	22-NOV-11	
Sodium (Na)-Total			<20		mg/kg	20	22-NOV-11	
Titanium (Ti)-Total			<0.10		mg/kg	0.1	22-NOV-11	
Zinc (Zn)-Total			<0.10		mg/kg	0.1	22-NOV-11	
<b>Batch R2293595</b>								
<b>WG1389734-4 CRM</b>								
DORM-3_FISH								
Iron (Fe)-Total			87.2		%	70-130	23-NOV-11	
Zinc (Zn)-Total			88.4		%	70-130	23-NOV-11	
<b>WG1389734-5 CRM</b>								
DOLT-4_LIVER								
Iron (Fe)-Total			95.1		%	70-130	23-NOV-11	
Zinc (Zn)-Total			100.6		%	70-130	23-NOV-11	
<b>WG1389734-10 DUP</b>								
L1072670-114								
Aluminum (Al)-Total		<2.0	<2.0	RPD-NA	mg/kg	N/A	35	23-NOV-11
Calcium (Ca)-Total		99.1	117		mg/kg	16	50	23-NOV-11
Chromium (Cr)-Total		<0.10	<0.10	RPD-NA	mg/kg	N/A	35	23-NOV-11
Iron (Fe)-Total		199	193		mg/kg	2.9	35	23-NOV-11
Sodium (Na)-Total		1310	1230		mg/kg	5.7	35	23-NOV-11
Titanium (Ti)-Total		<0.10	<0.10	RPD-NA	mg/kg	N/A	35	23-NOV-11
Zinc (Zn)-Total		22.2	21.4		mg/kg	3.8	35	23-NOV-11
<b>WG1389734-6 DUP</b>								
L1072670-51								
Aluminum (Al)-Total		2.3	2.1		mg/kg	10	35	23-NOV-11
Calcium (Ca)-Total		64.7	62.5		mg/kg	3.6	50	23-NOV-11
Chromium (Cr)-Total		<0.10	<0.10	RPD-NA	mg/kg	N/A	35	23-NOV-11

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<b>MET-WET-ICP-ED</b> <b>Tissue</b>									
<b>Batch R2293595</b>									
<b>WG1389734-6 DUP</b>									
Iron (Fe)-Total		L1072670-51	885	877	mg/kg	0.98	35	23-NOV-11	
Sodium (Na)-Total			1540	1520	mg/kg	1.6	35	23-NOV-11	
Titanium (Ti)-Total			<0.10	<0.10	RPD-NA	N/A	35	23-NOV-11	
Zinc (Zn)-Total			37.7	36.8	mg/kg	2.5	35	23-NOV-11	
<b>WG1389734-8 DUP</b>									
Aluminum (Al)-Total		L1072670-58	<2.0	<2.0	RPD-NA	mg/kg	N/A	35	23-NOV-11
Calcium (Ca)-Total			46.0	47.3	mg/kg	2.6	50	23-NOV-11	
Chromium (Cr)-Total			0.29	0.28	mg/kg	3.9	35	23-NOV-11	
Iron (Fe)-Total			618	612	mg/kg	0.95	35	23-NOV-11	
Sodium (Na)-Total			1140	1160	mg/kg	1.8	35	23-NOV-11	
Titanium (Ti)-Total			<0.10	<0.10	RPD-NA	mg/kg	N/A	35	23-NOV-11
Zinc (Zn)-Total			31.9	32.5	mg/kg	1.9	35	23-NOV-11	
<b>WG1389734-1 MB</b>									
Aluminum (Al)-Total			<2.0		mg/kg	2	23-NOV-11		
Calcium (Ca)-Total			<2.0		mg/kg	2	23-NOV-11		
Chromium (Cr)-Total			<0.10		mg/kg	0.1	23-NOV-11		
Iron (Fe)-Total			<1.0		mg/kg	1	23-NOV-11		
Phosphorus (P)-Total			<5.0		mg/kg	5	23-NOV-11		
Potassium (K)-Total			<20		mg/kg	20	23-NOV-11		
Sodium (Na)-Total			<20		mg/kg	20	23-NOV-11		
Titanium (Ti)-Total			<0.10		mg/kg	0.1	23-NOV-11		
Zinc (Zn)-Total			<0.10		mg/kg	0.1	23-NOV-11		
<b>WG1389734-2 MB</b>									
Aluminum (Al)-Total			<2.0		mg/kg	2	23-NOV-11		
Calcium (Ca)-Total			<2.0		mg/kg	2	23-NOV-11		
Chromium (Cr)-Total			<0.10		mg/kg	0.1	23-NOV-11		
Iron (Fe)-Total			<1.0		mg/kg	1	23-NOV-11		
Phosphorus (P)-Total			<5.0		mg/kg	5	23-NOV-11		
Potassium (K)-Total			<20		mg/kg	20	23-NOV-11		
Sodium (Na)-Total			<20		mg/kg	20	23-NOV-11		
Titanium (Ti)-Total			<0.10		mg/kg	0.1	23-NOV-11		
Zinc (Zn)-Total			<0.10		mg/kg	0.1	23-NOV-11		
<b>WG1389734-3 MB</b>									
Aluminum (Al)-Total			<2.0		mg/kg	2	23-NOV-11		
Calcium (Ca)-Total			<2.0		mg/kg	2	23-NOV-11		

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<b>MET-WET-ICP-ED</b>	<b>Tissue</b>							
<b>Batch R2293595</b>								
<b>WG1389734-3 MB</b>								
Chromium (Cr)-Total			<0.10		mg/kg		0.1	23-NOV-11
Iron (Fe)-Total			<1.0		mg/kg		1	23-NOV-11
Phosphorus (P)-Total			<5.0		mg/kg		5	23-NOV-11
Potassium (K)-Total			<20		mg/kg		20	23-NOV-11
Sodium (Na)-Total			<20		mg/kg		20	23-NOV-11
Titanium (Ti)-Total			<0.10		mg/kg		0.1	23-NOV-11
Zinc (Zn)-Total			<0.10		mg/kg		0.1	23-NOV-11
<b>Batch R2293678</b>								
<b>WG1392772-3 CRM</b>		<b>DORM-3_FISH</b>						
Iron (Fe)-Total			84.5		%		70-130	25-NOV-11
Zinc (Zn)-Total			92.2		%		70-130	25-NOV-11
<b>WG1392772-4 CRM</b>		<b>DOLT-4_LIVER</b>						
Iron (Fe)-Total			82.5		%		70-130	25-NOV-11
Zinc (Zn)-Total			90.1		%		70-130	25-NOV-11
<b>WG1392772-5 DUP</b>		<b>L1072670-135</b>						
Aluminum (Al)-Total			<2.0	<2.0	RPD-NA	mg/kg	N/A	35
Calcium (Ca)-Total			182	576	DUP-H	mg/kg	104	50
Chromium (Cr)-Total			<0.10	<0.10	RPD-NA	mg/kg	N/A	35
Iron (Fe)-Total			1.8	2.0		mg/kg	9.7	35
Sodium (Na)-Total			252	264		mg/kg	4.8	35
Titanium (Ti)-Total			<0.10	<0.10	RPD-NA	mg/kg	N/A	35
Zinc (Zn)-Total			3.21	3.61		mg/kg	12	35
<b>WG1392772-1 MB</b>								
Aluminum (Al)-Total			<2.0		mg/kg		2	25-NOV-11
Calcium (Ca)-Total			<2.0		mg/kg		2	25-NOV-11
Chromium (Cr)-Total			<0.10		mg/kg		0.1	25-NOV-11
Iron (Fe)-Total			<1.0		mg/kg		1	25-NOV-11
Phosphorus (P)-Total			<5.0		mg/kg		5	25-NOV-11
Potassium (K)-Total			<20		mg/kg		20	25-NOV-11
Sodium (Na)-Total			<20		mg/kg		20	25-NOV-11
Titanium (Ti)-Total			<0.10		mg/kg		0.1	25-NOV-11
Zinc (Zn)-Total			<0.10		mg/kg		0.1	25-NOV-11
<b>WG1392772-2 MB</b>								
Aluminum (Al)-Total			<2.0		mg/kg		2	25-NOV-11
Calcium (Ca)-Total			<2.0		mg/kg		2	25-NOV-11

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<b>MET-WET-ICP-ED</b>		Tissue						
Batch R2293678								
WG1392772-2 MB								
Chromium (Cr)-Total			<0.10		mg/kg		0.1	25-NOV-11
Iron (Fe)-Total			<1.0		mg/kg		1	25-NOV-11
Phosphorus (P)-Total			<5.0		mg/kg		5	25-NOV-11
Potassium (K)-Total			<20		mg/kg		20	25-NOV-11
Sodium (Na)-Total			<20		mg/kg		20	25-NOV-11
Titanium (Ti)-Total			<0.10		mg/kg		0.1	25-NOV-11
Zinc (Zn)-Total			<0.10		mg/kg		0.1	25-NOV-11
<b>MET-WET-MS-ED</b>		Tissue						
Batch R2289860								
WG1388546-2 CRM		DORM-3_FISH						
Arsenic (As)-Total			99.2		%		70-130	17-NOV-11
Cadmium (Cd)-Total			104.3		%		70-130	17-NOV-11
Copper (Cu)-Total			100.5		%		70-130	17-NOV-11
WG1388546-3 CRM		DOLT-4_LIVER						
Arsenic (As)-Total			93.8		%		70-130	17-NOV-11
Cadmium (Cd)-Total			94.8		%		70-130	17-NOV-11
Copper (Cu)-Total			100.7		%		70-130	17-NOV-11
Selenium (Se)-Total			107.9		%		70-130	17-NOV-11
WG1388546-4 DUP		L1072670-2						
Antimony (Sb)-Total			<0.010	<0.010	RPD-NA	mg/kg	N/A	35
Arsenic (As)-Total			0.025	0.024		mg/kg	1.7	35
Barium (Ba)-Total			<0.020	<0.020	RPD-NA	mg/kg	N/A	35
Beryllium (Be)-Total			<0.10	<0.10	RPD-NA	mg/kg	N/A	35
Bismuth (Bi)-Total			<0.060	<0.060	RPD-NA	mg/kg	N/A	35
Cadmium (Cd)-Total			<0.0060	<0.0060	RPD-NA	mg/kg	N/A	35
Cobalt (Co)-Total			<0.020	<0.020	RPD-NA	mg/kg	N/A	35
Copper (Cu)-Total			0.341	0.354		mg/kg	3.8	35
Lead (Pb)-Total			<0.020	<0.020	RPD-NA	mg/kg	N/A	35
Lithium (Li)-Total			<0.10	<0.10	RPD-NA	mg/kg	N/A	35
Magnesium (Mg)-Total			271	269		mg/kg	0.90	35
Manganese (Mn)-Total			0.120	0.123		mg/kg	1.9	35
Molybdenum (Mo)-Total			0.015	0.012		mg/kg	25	35
Nickel (Ni)-Total			<0.10	<0.10	RPD-NA	mg/kg	N/A	35
Selenium (Se)-Total			0.29	0.28		mg/kg	1.7	35
Strontium (Sr)-Total			0.295	0.286		mg/kg	3.1	50

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<b>MET-WET-MS-ED</b>	<b>Tissue</b>							
<b>Batch R2289860</b>								
<b>WG1388546-4 DUP</b>		<b>L1072670-2</b>						
Thallium (Tl)-Total		<0.010	<0.010	RPD-NA	mg/kg	N/A	35	17-NOV-11
Tin (Sn)-Total		<0.050	<0.050	RPD-NA	mg/kg	N/A	35	17-NOV-11
Uranium (U)-Total		<0.0020	<0.0020	RPD-NA	mg/kg	N/A	35	17-NOV-11
Vanadium (V)-Total		<0.10	<0.10	RPD-NA	mg/kg	N/A	35	17-NOV-11
<b>WG1388546-6 DUP</b>		<b>L1072670-3</b>						
Antimony (Sb)-Total		<0.010	<0.010	RPD-NA	mg/kg	N/A	35	17-NOV-11
Arsenic (As)-Total		0.024	0.025		mg/kg	7.6	35	17-NOV-11
Barium (Ba)-Total		<0.020	<0.020	RPD-NA	mg/kg	N/A	35	17-NOV-11
Beryllium (Be)-Total		<0.10	<0.10	RPD-NA	mg/kg	N/A	35	17-NOV-11
Bismuth (Bi)-Total		<0.060	<0.060	RPD-NA	mg/kg	N/A	35	17-NOV-11
Cadmium (Cd)-Total		<0.0060	<0.0060	RPD-NA	mg/kg	N/A	35	17-NOV-11
Cobalt (Co)-Total		<0.020	<0.020	RPD-NA	mg/kg	N/A	35	17-NOV-11
Copper (Cu)-Total		0.265	0.269		mg/kg	1.6	35	17-NOV-11
Lead (Pb)-Total		<0.020	<0.020	RPD-NA	mg/kg	N/A	35	17-NOV-11
Lithium (Li)-Total		<0.10	<0.10	RPD-NA	mg/kg	N/A	35	17-NOV-11
Magnesium (Mg)-Total		272	268		mg/kg	1.6	35	17-NOV-11
Manganese (Mn)-Total		0.190	0.186		mg/kg	2.2	35	17-NOV-11
Molybdenum (Mo)-Total		<0.010	<0.010	RPD-NA	mg/kg	N/A	35	17-NOV-11
Nickel (Ni)-Total		<0.10	<0.10	RPD-NA	mg/kg	N/A	35	17-NOV-11
Selenium (Se)-Total		0.24	0.24		mg/kg	2.4	35	17-NOV-11
Strontium (Sr)-Total		0.150	0.133		mg/kg	12	50	17-NOV-11
Thallium (Tl)-Total		<0.010	<0.010	RPD-NA	mg/kg	N/A	35	17-NOV-11
Tin (Sn)-Total		<0.050	<0.050	RPD-NA	mg/kg	N/A	35	17-NOV-11
Uranium (U)-Total		<0.0020	<0.0020	RPD-NA	mg/kg	N/A	35	17-NOV-11
Vanadium (V)-Total		<0.10	<0.10	RPD-NA	mg/kg	N/A	35	17-NOV-11
<b>WG1388546-1 MB</b>								
Antimony (Sb)-Total			<0.010		mg/kg		0.01	17-NOV-11
Arsenic (As)-Total			<0.010		mg/kg		0.01	17-NOV-11
Barium (Ba)-Total			<0.020		mg/kg		0.02	17-NOV-11
Beryllium (Be)-Total			<0.10		mg/kg		0.1	17-NOV-11
Bismuth (Bi)-Total			<0.060		mg/kg		0.06	17-NOV-11
Cadmium (Cd)-Total			<0.0060		mg/kg		0.006	17-NOV-11
Cobalt (Co)-Total			<0.020		mg/kg		0.02	17-NOV-11
Copper (Cu)-Total			<0.040		mg/kg		0.04	17-NOV-11
Lead (Pb)-Total			<0.020		mg/kg		0.02	17-NOV-11

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<b>MET-WET-MS-ED</b>		<b>Tissue</b>						
<b>Batch R2289860</b>								
<b>WG1388546-1 MB</b>								
Lithium (Li)-Total			<0.10		mg/kg		0.1	17-NOV-11
Magnesium (Mg)-Total			<1.0		mg/kg		1	17-NOV-11
Manganese (Mn)-Total			<0.010		mg/kg		0.01	17-NOV-11
Molybdenum (Mo)-Total			<0.010		mg/kg		0.01	17-NOV-11
Nickel (Ni)-Total			<0.10		mg/kg		0.1	17-NOV-11
Selenium (Se)-Total			<0.20		mg/kg		0.2	17-NOV-11
Strontium (Sr)-Total			<0.010		mg/kg		0.01	17-NOV-11
Thallium (Tl)-Total			<0.010		mg/kg		0.01	17-NOV-11
Tin (Sn)-Total			<0.050		mg/kg		0.05	17-NOV-11
Uranium (U)-Total			<0.0020		mg/kg		0.002	17-NOV-11
Vanadium (V)-Total			<0.10		mg/kg		0.1	17-NOV-11
<b>WG1388546-8 MB</b>								
Antimony (Sb)-Total			<0.010		mg/kg		0.01	17-NOV-11
Arsenic (As)-Total			<0.010		mg/kg		0.01	17-NOV-11
Barium (Ba)-Total			<0.020		mg/kg		0.02	17-NOV-11
Beryllium (Be)-Total			<0.10		mg/kg		0.1	17-NOV-11
Bismuth (Bi)-Total			<0.060		mg/kg		0.06	17-NOV-11
Cadmium (Cd)-Total			<0.0060		mg/kg		0.006	17-NOV-11
Cobalt (Co)-Total			<0.020		mg/kg		0.02	17-NOV-11
Copper (Cu)-Total			<0.040		mg/kg		0.04	17-NOV-11
Lead (Pb)-Total			<0.020		mg/kg		0.02	17-NOV-11
Lithium (Li)-Total			<0.10		mg/kg		0.1	17-NOV-11
Magnesium (Mg)-Total			<1.0		mg/kg		1	17-NOV-11
Manganese (Mn)-Total			<0.010		mg/kg		0.01	17-NOV-11
Molybdenum (Mo)-Total			<0.010		mg/kg		0.01	17-NOV-11
Nickel (Ni)-Total			<0.10		mg/kg		0.1	17-NOV-11
Selenium (Se)-Total			<0.20		mg/kg		0.2	17-NOV-11
Strontium (Sr)-Total			<0.010		mg/kg		0.01	17-NOV-11
Thallium (Tl)-Total			<0.010		mg/kg		0.01	17-NOV-11
Tin (Sn)-Total			<0.050		mg/kg		0.05	17-NOV-11
Uranium (U)-Total			<0.0020		mg/kg		0.002	17-NOV-11
Vanadium (V)-Total			<0.10		mg/kg		0.1	17-NOV-11
<b>WG1388546-5 MS</b>		<b>L1072670-2</b>						
Antimony (Sb)-Total			101.6		%		50-150	17-NOV-11
Arsenic (As)-Total			104.0		%		50-150	17-NOV-11

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MET-WET-MS-ED	Tissue							
Batch	R2289860							
WG1388546-5 MS		L1072670-2						
Barium (Ba)-Total			98.1		%		50-150	17-NOV-11
Beryllium (Be)-Total			93.4		%		50-150	17-NOV-11
Bismuth (Bi)-Total			97.4		%		50-150	17-NOV-11
Cadmium (Cd)-Total			97.9		%		50-150	17-NOV-11
Cobalt (Co)-Total			100.3		%		50-150	17-NOV-11
Copper (Cu)-Total			97.1		%		50-150	17-NOV-11
Lead (Pb)-Total			97.8		%		50-150	17-NOV-11
Lithium (Li)-Total			101.0		%		50-150	17-NOV-11
Magnesium (Mg)-Total			92.4		%		50-150	17-NOV-11
Manganese (Mn)-Total			104.7		%		50-150	17-NOV-11
Molybdenum (Mo)-Total			101.7		%		50-150	17-NOV-11
Nickel (Ni)-Total			97.7		%		50-150	17-NOV-11
Selenium (Se)-Total			109.2		%		50-150	17-NOV-11
Strontium (Sr)-Total			104.7		%		50-150	17-NOV-11
Thallium (Tl)-Total			97.7		%		50-150	17-NOV-11
Tin (Sn)-Total			102.2		%		50-150	17-NOV-11
Uranium (U)-Total			101.1		%		50-150	17-NOV-11
Vanadium (V)-Total			95.0		%		50-150	17-NOV-11
WG1388546-7 MS		L1072670-3						
Antimony (Sb)-Total			80.1		%		50-150	17-NOV-11
Arsenic (As)-Total			104.4		%		50-150	17-NOV-11
Barium (Ba)-Total			96.9		%		50-150	17-NOV-11
Beryllium (Be)-Total			104.1		%		50-150	17-NOV-11
Bismuth (Bi)-Total			98.5		%		50-150	17-NOV-11
Cadmium (Cd)-Total			99.3		%		50-150	17-NOV-11
Cobalt (Co)-Total			100.9		%		50-150	17-NOV-11
Copper (Cu)-Total			97.6		%		50-150	17-NOV-11
Lead (Pb)-Total			99.6		%		50-150	17-NOV-11
Lithium (Li)-Total			100.1		%		50-150	17-NOV-11
Magnesium (Mg)-Total			100.0		%		50-150	17-NOV-11
Manganese (Mn)-Total			105.6		%		50-150	17-NOV-11
Molybdenum (Mo)-Total			80.4		%		50-150	17-NOV-11
Nickel (Ni)-Total			97.5		%		50-150	17-NOV-11
Selenium (Se)-Total			112.3		%		50-150	17-NOV-11

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<b>MET-WET-MS-ED</b>	<b>Tissue</b>							
<b>Batch R2289860</b>								
<b>WG1388546-7 MS</b>		<b>L1072670-3</b>						
Strontium (Sr)-Total			108.1		%		50-150	17-NOV-11
Thallium (Tl)-Total			98.9		%		50-150	17-NOV-11
Tin (Sn)-Total			80.4		%		50-150	17-NOV-11
Uranium (U)-Total			104.0		%		50-150	17-NOV-11
Vanadium (V)-Total			95.4		%		50-150	17-NOV-11
<b>Batch R2292687</b>								
<b>WG1390204-3 CRM</b>		<b>DORM-3_FISH</b>						
Arsenic (As)-Total			99.8		%		70-130	24-NOV-11
Cadmium (Cd)-Total			105.1		%		70-130	24-NOV-11
Copper (Cu)-Total			102.1		%		70-130	24-NOV-11
<b>WG1390204-4 CRM</b>		<b>DOLT-4_LIVER</b>						
Arsenic (As)-Total			92.8		%		70-130	24-NOV-11
Cadmium (Cd)-Total			97.5		%		70-130	24-NOV-11
Copper (Cu)-Total			101.3		%		70-130	24-NOV-11
Selenium (Se)-Total			107.8		%		70-130	24-NOV-11
<b>WG1390204-5 DUP</b>		<b>L1072670-106</b>						
Antimony (Sb)-Total		<0.010	<0.010	RPD-NA	mg/kg	N/A	35	24-NOV-11
Arsenic (As)-Total		0.042	0.042		mg/kg	0.85	35	24-NOV-11
Barium (Ba)-Total		<0.020	<0.020	RPD-NA	mg/kg	N/A	35	24-NOV-11
Beryllium (Be)-Total		<0.10	<0.10	RPD-NA	mg/kg	N/A	35	24-NOV-11
Bismuth (Bi)-Total		<0.060	<0.060	RPD-NA	mg/kg	N/A	35	24-NOV-11
Cadmium (Cd)-Total		0.0988	0.0993		mg/kg	0.52	35	24-NOV-11
Cobalt (Co)-Total		0.361	0.347		mg/kg	4.2	35	24-NOV-11
Copper (Cu)-Total		7.83	7.69		mg/kg	1.9	35	24-NOV-11
Lead (Pb)-Total		<0.020	<0.020	RPD-NA	mg/kg	N/A	35	24-NOV-11
Lithium (Li)-Total		<0.10	<0.10	RPD-NA	mg/kg	N/A	35	24-NOV-11
Magnesium (Mg)-Total		188	189		mg/kg	0.90	35	24-NOV-11
Manganese (Mn)-Total		1.71	1.62		mg/kg	4.9	35	24-NOV-11
Molybdenum (Mo)-Total		0.078	0.085		mg/kg	8.0	35	24-NOV-11
Nickel (Ni)-Total		0.18	0.19		mg/kg	5.2	35	24-NOV-11
Selenium (Se)-Total		0.66	0.66		mg/kg	0.98	35	24-NOV-11
Strontium (Sr)-Total		0.149	0.139		mg/kg	6.8	50	24-NOV-11
Thallium (Tl)-Total		0.088	0.086		mg/kg	1.4	35	24-NOV-11
Tin (Sn)-Total		<0.050	<0.050	RPD-NA	mg/kg	N/A	35	24-NOV-11
Uranium (U)-Total		<0.0020	<0.0020	RPD-NA	mg/kg	N/A	35	24-NOV-11

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<b>MET-WET-MS-ED</b>	<b>Tissue</b>							
Batch	R2292687							
<b>WG1390204-5 DUP</b>		<b>L1072670-106</b>						
Vanadium (V)-Total		<0.10	<0.10	RPD-NA	mg/kg	N/A	35	24-NOV-11
<b>WG1390204-7 DUP</b>		<b>L1072670-116</b>						
Antimony (Sb)-Total		<0.010	<0.010	RPD-NA	mg/kg	N/A	35	24-NOV-11
Arsenic (As)-Total		0.047	0.051		mg/kg	7.9	35	24-NOV-11
Barium (Ba)-Total		<0.020	<0.020	RPD-NA	mg/kg	N/A	35	24-NOV-11
Beryllium (Be)-Total		<0.10	<0.10	RPD-NA	mg/kg	N/A	35	24-NOV-11
Bismuth (Bi)-Total		<0.060	<0.060	RPD-NA	mg/kg	N/A	35	24-NOV-11
Cadmium (Cd)-Total		0.0758	0.0737		mg/kg	2.8	35	24-NOV-11
Cobalt (Co)-Total		0.059	0.061		mg/kg	3.1	35	24-NOV-11
Copper (Cu)-Total		8.84	9.20		mg/kg	4.0	35	24-NOV-11
Lead (Pb)-Total		<0.020	<0.020	RPD-NA	mg/kg	N/A	35	24-NOV-11
Lithium (Li)-Total		<0.10	<0.10	RPD-NA	mg/kg	N/A	35	24-NOV-11
Magnesium (Mg)-Total		144	149		mg/kg	3.3	35	24-NOV-11
Manganese (Mn)-Total		1.16	1.19		mg/kg	3.2	35	24-NOV-11
Molybdenum (Mo)-Total		0.101	0.103		mg/kg	1.4	35	24-NOV-11
Nickel (Ni)-Total		<0.10	<0.10	RPD-NA	mg/kg	N/A	35	24-NOV-11
Selenium (Se)-Total		2.00	2.03		mg/kg	1.5	35	24-NOV-11
Strontium (Sr)-Total		0.069	0.069		mg/kg	0.89	50	24-NOV-11
Thallium (Tl)-Total		0.083	0.086		mg/kg	3.5	35	24-NOV-11
Tin (Sn)-Total		<0.050	<0.050	RPD-NA	mg/kg	N/A	35	24-NOV-11
Uranium (U)-Total		<0.0020	<0.0020	RPD-NA	mg/kg	N/A	35	24-NOV-11
Vanadium (V)-Total		<0.10	<0.10	RPD-NA	mg/kg	N/A	35	24-NOV-11
<b>WG1390204-1 MB</b>								
Antimony (Sb)-Total			<0.010		mg/kg		0.01	24-NOV-11
Arsenic (As)-Total			<0.010		mg/kg		0.01	24-NOV-11
Barium (Ba)-Total			<0.020		mg/kg		0.02	24-NOV-11
Beryllium (Be)-Total			<0.10		mg/kg		0.1	24-NOV-11
Bismuth (Bi)-Total			<0.060		mg/kg		0.06	24-NOV-11
Cadmium (Cd)-Total			<0.0060		mg/kg		0.006	24-NOV-11
Cobalt (Co)-Total			<0.020		mg/kg		0.02	24-NOV-11
Copper (Cu)-Total			<0.040		mg/kg		0.04	24-NOV-11
Lithium (Li)-Total			<0.10		mg/kg		0.1	24-NOV-11
Magnesium (Mg)-Total			<1.0		mg/kg		1	24-NOV-11
Manganese (Mn)-Total			<0.010		mg/kg		0.01	24-NOV-11
Molybdenum (Mo)-Total			<0.010		mg/kg		0.01	24-NOV-11

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<b>MET-WET-MS-ED</b>	<b>Tissue</b>							
Batch	R2292687							
<b>WG1390204-1 MB</b>								
Nickel (Ni)-Total			<0.10		mg/kg		0.1	24-NOV-11
Selenium (Se)-Total			<0.20		mg/kg		0.2	24-NOV-11
Strontium (Sr)-Total			<0.010		mg/kg		0.01	24-NOV-11
Thallium (Tl)-Total			<0.010		mg/kg		0.01	24-NOV-11
Tin (Sn)-Total			<0.050		mg/kg		0.05	24-NOV-11
Uranium (U)-Total			<0.0020		mg/kg		0.002	24-NOV-11
Vanadium (V)-Total			<0.10		mg/kg		0.1	24-NOV-11
<b>WG1390204-2 MB</b>								
Antimony (Sb)-Total			<0.010		mg/kg		0.01	24-NOV-11
Arsenic (As)-Total			<0.010		mg/kg		0.01	24-NOV-11
Barium (Ba)-Total			<0.020		mg/kg		0.02	24-NOV-11
Beryllium (Be)-Total			<0.10		mg/kg		0.1	24-NOV-11
Bismuth (Bi)-Total			<0.060		mg/kg		0.06	24-NOV-11
Cadmium (Cd)-Total			<0.0060		mg/kg		0.006	24-NOV-11
Cobalt (Co)-Total			<0.020		mg/kg		0.02	24-NOV-11
Copper (Cu)-Total			<0.040		mg/kg		0.04	24-NOV-11
Lead (Pb)-Total			<0.020		mg/kg		0.02	24-NOV-11
Lithium (Li)-Total			<0.10		mg/kg		0.1	24-NOV-11
Magnesium (Mg)-Total			<1.0		mg/kg		1	24-NOV-11
Manganese (Mn)-Total			<0.010		mg/kg		0.01	24-NOV-11
Molybdenum (Mo)-Total			<0.010		mg/kg		0.01	24-NOV-11
Nickel (Ni)-Total			<0.10		mg/kg		0.1	24-NOV-11
Selenium (Se)-Total			<0.20		mg/kg		0.2	24-NOV-11
Strontium (Sr)-Total			<0.010		mg/kg		0.01	24-NOV-11
Thallium (Tl)-Total			<0.010		mg/kg		0.01	24-NOV-11
Tin (Sn)-Total			<0.050		mg/kg		0.05	24-NOV-11
Uranium (U)-Total			<0.0020		mg/kg		0.002	24-NOV-11
Vanadium (V)-Total			<0.10		mg/kg		0.1	24-NOV-11
<b>WG1390204-6 MS</b>	<b>L1072670-106</b>							
Antimony (Sb)-Total			106.4		%		50-150	24-NOV-11
Arsenic (As)-Total			99.9		%		50-150	24-NOV-11
Barium (Ba)-Total			96.5		%		50-150	24-NOV-11
Beryllium (Be)-Total			99.7		%		50-150	24-NOV-11
Bismuth (Bi)-Total			105.3		%		50-150	24-NOV-11
Cadmium (Cd)-Total			100.7		%		50-150	24-NOV-11

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
MET-WET-MS-ED	Tissue							
Batch	R2292687							
WG1390204-6 MS		L1072670-106						
Cobalt (Co)-Total			94.6		%		50-150	24-NOV-11
Copper (Cu)-Total			87.7		%		50-150	24-NOV-11
Lead (Pb)-Total			105.2		%		50-150	24-NOV-11
Lithium (Li)-Total			102.0		%		50-150	24-NOV-11
Magnesium (Mg)-Total			107.0		%		50-150	24-NOV-11
Manganese (Mn)-Total			103.2		%		50-150	24-NOV-11
Molybdenum (Mo)-Total			108.9		%		50-150	24-NOV-11
Nickel (Ni)-Total			92.9		%		50-150	24-NOV-11
Selenium (Se)-Total			104.2		%		50-150	24-NOV-11
Strontium (Sr)-Total			102.0		%		50-150	24-NOV-11
Thallium (Tl)-Total			105.3		%		50-150	24-NOV-11
Tin (Sn)-Total			103.9		%		50-150	24-NOV-11
Uranium (U)-Total			112.2		%		50-150	24-NOV-11
Vanadium (V)-Total			96.8		%		50-150	24-NOV-11
WG1390204-8 MS		L1072670-116						
Antimony (Sb)-Total			105.7		%		50-150	24-NOV-11
Arsenic (As)-Total			99.9		%		50-150	24-NOV-11
Barium (Ba)-Total			96.0		%		50-150	24-NOV-11
Beryllium (Be)-Total			98.7		%		50-150	24-NOV-11
Bismuth (Bi)-Total			106.0		%		50-150	24-NOV-11
Cadmium (Cd)-Total			100.8		%		50-150	24-NOV-11
Cobalt (Co)-Total			93.5		%		50-150	24-NOV-11
Copper (Cu)-Total			91.4		%		50-150	24-NOV-11
Lead (Pb)-Total			106.3		%		50-150	24-NOV-11
Lithium (Li)-Total			101.1		%		50-150	24-NOV-11
Magnesium (Mg)-Total			100.4		%		50-150	24-NOV-11
Manganese (Mn)-Total			95.0		%		50-150	24-NOV-11
Molybdenum (Mo)-Total			108.9		%		50-150	24-NOV-11
Nickel (Ni)-Total			102.6		%		50-150	24-NOV-11
Selenium (Se)-Total			108.5		%		50-150	24-NOV-11
Strontium (Sr)-Total			102.6		%		50-150	24-NOV-11
Thallium (Tl)-Total			105.6		%		50-150	24-NOV-11
Tin (Sn)-Total			103.9		%		50-150	24-NOV-11
Uranium (U)-Total			103.2		%		50-150	24-NOV-11

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
<b>MET-WET-MS-ED</b>	<b>Tissue</b>							
Batch R2292687								
WG1390204-8 MS		L1072670-116						
Vanadium (V)-Total			96.3		%		50-150	24-NOV-11
Batch R2292752								
WG1389734-4 CRM		DORM-3_FISH						
Arsenic (As)-Total			97.3		%		70-130	24-NOV-11
Cadmium (Cd)-Total			103.5		%		70-130	24-NOV-11
Copper (Cu)-Total			99.7		%		70-130	24-NOV-11
WG1389734-5 CRM		DOLT-4_LIVER						
Arsenic (As)-Total			93.2		%		70-130	24-NOV-11
Cadmium (Cd)-Total			98.4		%		70-130	24-NOV-11
Copper (Cu)-Total			102.8		%		70-130	24-NOV-11
Selenium (Se)-Total			107.9		%		70-130	24-NOV-11
WG1389734-10 DUP		L1072670-114						
Antimony (Sb)-Total		<0.010	<0.010	RPD-NA	mg/kg	N/A	35	25-NOV-11
Arsenic (As)-Total		0.042	0.044		mg/kg	5.7	35	25-NOV-11
Barium (Ba)-Total		<0.020	<0.020	RPD-NA	mg/kg	N/A	35	25-NOV-11
Beryllium (Be)-Total		<0.10	<0.10	RPD-NA	mg/kg	N/A	35	25-NOV-11
Bismuth (Bi)-Total		<0.060	<0.060	RPD-NA	mg/kg	N/A	35	25-NOV-11
Cadmium (Cd)-Total		0.115	0.113		mg/kg	2.4	35	25-NOV-11
Cobalt (Co)-Total		0.081	0.083		mg/kg	1.6	35	25-NOV-11
Copper (Cu)-Total		6.51	6.57		mg/kg	0.81	35	25-NOV-11
Lead (Pb)-Total		<0.020	<0.020	RPD-NA	mg/kg	N/A	35	25-NOV-11
Lithium (Li)-Total		<0.10	<0.10	RPD-NA	mg/kg	N/A	35	25-NOV-11
Magnesium (Mg)-Total		150	151		mg/kg	1.0	35	25-NOV-11
Manganese (Mn)-Total		1.03	1.04		mg/kg	0.79	35	25-NOV-11
Molybdenum (Mo)-Total		0.080	0.079		mg/kg	0.85	35	25-NOV-11
Nickel (Ni)-Total		<0.10	<0.10	RPD-NA	mg/kg	N/A	35	25-NOV-11
Selenium (Se)-Total		2.21	2.21		mg/kg	0.22	35	25-NOV-11
Strontium (Sr)-Total		0.162	0.195		mg/kg	19	50	25-NOV-11
Thallium (Tl)-Total		0.053	0.053		mg/kg	0.45	35	25-NOV-11
Tin (Sn)-Total		<0.050	<0.050	RPD-NA	mg/kg	N/A	35	25-NOV-11
Uranium (U)-Total		<0.0020	<0.0020	RPD-NA	mg/kg	N/A	35	25-NOV-11
Vanadium (V)-Total		<0.10	<0.10	RPD-NA	mg/kg	N/A	35	25-NOV-11
WG1389734-6 DUP		L1072670-51						
Antimony (Sb)-Total		<0.010	<0.010	RPD-NA	mg/kg	N/A	35	24-NOV-11

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MET-WET-MS-ED	Tissue							
Batch	R2292752							
WG1389734-6 DUP		L1072670-51						
Arsenic (As)-Total	0.033	0.032		mg/kg	0.82	35	24-NOV-11	
Barium (Ba)-Total	<0.020	<0.020	RPD-NA	mg/kg	N/A	35	24-NOV-11	
Beryllium (Be)-Total	<0.10	<0.10	RPD-NA	mg/kg	N/A	35	24-NOV-11	
Bismuth (Bi)-Total	<0.060	<0.060	RPD-NA	mg/kg	N/A	35	24-NOV-11	
Cadmium (Cd)-Total	0.181	0.182		mg/kg	0.73	35	24-NOV-11	
Cobalt (Co)-Total	0.193	0.194		mg/kg	0.88	35	24-NOV-11	
Copper (Cu)-Total	27.5	27.6		mg/kg	0.090	35	24-NOV-11	
Lead (Pb)-Total	<0.020	<0.020	RPD-NA	mg/kg	N/A	35	24-NOV-11	
Lithium (Li)-Total	<0.10	<0.10	RPD-NA	mg/kg	N/A	35	24-NOV-11	
Magnesium (Mg)-Total	126	128		mg/kg	0.95	35	24-NOV-11	
Manganese (Mn)-Total	1.00	0.994		mg/kg	0.68	35	24-NOV-11	
Molybdenum (Mo)-Total	0.189	0.195		mg/kg	3.2	35	24-NOV-11	
Nickel (Ni)-Total	<0.10	<0.10	RPD-NA	mg/kg	N/A	35	24-NOV-11	
Selenium (Se)-Total	1.99	1.96		mg/kg	1.7	35	24-NOV-11	
Strontium (Sr)-Total	0.152	0.138		mg/kg	9.8	50	24-NOV-11	
Thallium (Tl)-Total	0.043	0.044		mg/kg	2.8	35	24-NOV-11	
Tin (Sn)-Total	<0.050	<0.050	RPD-NA	mg/kg	N/A	35	24-NOV-11	
Uranium (U)-Total	<0.0020	<0.0020	RPD-NA	mg/kg	N/A	35	24-NOV-11	
Vanadium (V)-Total	<0.10	0.10	RPD-NA	mg/kg	N/A	35	24-NOV-11	
WG1389734-8 DUP		L1072670-58						
Antimony (Sb)-Total	<0.010	<0.010	RPD-NA	mg/kg	N/A	35	24-NOV-11	
Arsenic (As)-Total	0.050	0.042		mg/kg	17	35	24-NOV-11	
Barium (Ba)-Total	<0.020	<0.020	RPD-NA	mg/kg	N/A	35	24-NOV-11	
Beryllium (Be)-Total	<0.10	<0.10	RPD-NA	mg/kg	N/A	35	24-NOV-11	
Bismuth (Bi)-Total	<0.060	<0.060	RPD-NA	mg/kg	N/A	35	24-NOV-11	
Cadmium (Cd)-Total	0.165	0.169		mg/kg	2.6	35	24-NOV-11	
Cobalt (Co)-Total	0.136	0.132		mg/kg	2.7	35	24-NOV-11	
Copper (Cu)-Total	17.3	17.3		mg/kg	0.26	35	24-NOV-11	
Lead (Pb)-Total	<0.020	<0.020	RPD-NA	mg/kg	N/A	35	24-NOV-11	
Lithium (Li)-Total	<0.10	<0.10	RPD-NA	mg/kg	N/A	35	24-NOV-11	
Magnesium (Mg)-Total	182	182		mg/kg	0.017	35	24-NOV-11	
Manganese (Mn)-Total	1.38	1.33		mg/kg	3.6	35	24-NOV-11	
Molybdenum (Mo)-Total	0.154	0.151		mg/kg	1.8	35	24-NOV-11	
Nickel (Ni)-Total	0.21	0.19		mg/kg	7.9	35	24-NOV-11	

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<b>MET-WET-MS-ED</b>	<b>Tissue</b>							
<b>Batch</b>	<b>R2292752</b>							
<b>WG1389734-8 DUP</b>		<b>L1072670-58</b>						
Selenium (Se)-Total		1.61	1.58		mg/kg	1.7	35	24-NOV-11
Strontium (Sr)-Total		0.074	0.075		mg/kg	1.2	50	24-NOV-11
Thallium (Tl)-Total		0.058	0.058		mg/kg	0.91	35	24-NOV-11
Tin (Sn)-Total		<0.050	<0.050	RPD-NA	mg/kg	N/A	35	24-NOV-11
Uranium (U)-Total		<0.0020	<0.0020	RPD-NA	mg/kg	N/A	35	24-NOV-11
Vanadium (V)-Total		<0.10	<0.10	RPD-NA	mg/kg	N/A	35	24-NOV-11
<b>WG1389734-1 MB</b>								
Antimony (Sb)-Total			<0.010		mg/kg		0.01	24-NOV-11
Arsenic (As)-Total			<0.010		mg/kg		0.01	24-NOV-11
Barium (Ba)-Total			<0.020		mg/kg		0.02	24-NOV-11
Beryllium (Be)-Total			<0.10		mg/kg		0.1	24-NOV-11
Bismuth (Bi)-Total			<0.060		mg/kg		0.06	24-NOV-11
Cadmium (Cd)-Total			<0.0060		mg/kg		0.006	24-NOV-11
Cobalt (Co)-Total			<0.020		mg/kg		0.02	24-NOV-11
Copper (Cu)-Total			<0.040		mg/kg		0.04	24-NOV-11
Lead (Pb)-Total			<0.020		mg/kg		0.02	24-NOV-11
Lithium (Li)-Total			<0.10		mg/kg		0.1	24-NOV-11
Magnesium (Mg)-Total			<1.0		mg/kg		1	24-NOV-11
Manganese (Mn)-Total			<0.010		mg/kg		0.01	24-NOV-11
Molybdenum (Mo)-Total			<0.010		mg/kg		0.01	24-NOV-11
Nickel (Ni)-Total			<0.10		mg/kg		0.1	24-NOV-11
Selenium (Se)-Total			<0.20		mg/kg		0.2	24-NOV-11
Strontium (Sr)-Total			<0.010		mg/kg		0.01	24-NOV-11
Thallium (Tl)-Total			<0.010		mg/kg		0.01	24-NOV-11
Tin (Sn)-Total			<0.050		mg/kg		0.05	24-NOV-11
Uranium (U)-Total			<0.0020		mg/kg		0.002	24-NOV-11
Vanadium (V)-Total			<0.10		mg/kg		0.1	24-NOV-11
<b>WG1389734-2 MB</b>								
Antimony (Sb)-Total			<0.010		mg/kg		0.01	24-NOV-11
Arsenic (As)-Total			<0.010		mg/kg		0.01	24-NOV-11
Barium (Ba)-Total			<0.020		mg/kg		0.02	24-NOV-11
Beryllium (Be)-Total			<0.10		mg/kg		0.1	24-NOV-11
Bismuth (Bi)-Total			<0.060		mg/kg		0.06	24-NOV-11
Cadmium (Cd)-Total			<0.0060		mg/kg		0.006	24-NOV-11
Cobalt (Co)-Total			<0.020		mg/kg		0.02	24-NOV-11



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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
MET-WET-MS-ED	Tissue							
Batch	R2292752							
WG1389734-2 MB								
Copper (Cu)-Total			<0.040		mg/kg		0.04	24-NOV-11
Lead (Pb)-Total			<0.020		mg/kg		0.02	24-NOV-11
Lithium (Li)-Total			<0.10		mg/kg		0.1	24-NOV-11
Magnesium (Mg)-Total			<1.0		mg/kg		1	24-NOV-11
Manganese (Mn)-Total			<0.010		mg/kg		0.01	24-NOV-11
Molybdenum (Mo)-Total			<0.010		mg/kg		0.01	24-NOV-11
Nickel (Ni)-Total			<0.10		mg/kg		0.1	24-NOV-11
Selenium (Se)-Total			<0.20		mg/kg		0.2	24-NOV-11
Strontium (Sr)-Total			<0.010		mg/kg		0.01	24-NOV-11
Thallium (Tl)-Total			<0.010		mg/kg		0.01	24-NOV-11
Tin (Sn)-Total			<0.050		mg/kg		0.05	24-NOV-11
Uranium (U)-Total			<0.0020		mg/kg		0.002	24-NOV-11
Vanadium (V)-Total			<0.10		mg/kg		0.1	24-NOV-11
WG1389734-3 MB								
Antimony (Sb)-Total			<0.010		mg/kg		0.01	24-NOV-11
Arsenic (As)-Total			<0.010		mg/kg		0.01	24-NOV-11
Barium (Ba)-Total			<0.020		mg/kg		0.02	24-NOV-11
Beryllium (Be)-Total			<0.10		mg/kg		0.1	24-NOV-11
Bismuth (Bi)-Total			<0.060		mg/kg		0.06	24-NOV-11
Cadmium (Cd)-Total			<0.0060		mg/kg		0.006	24-NOV-11
Cobalt (Co)-Total			<0.020		mg/kg		0.02	24-NOV-11
Copper (Cu)-Total			<0.040		mg/kg		0.04	24-NOV-11
Lead (Pb)-Total			<0.020		mg/kg		0.02	24-NOV-11
Lithium (Li)-Total			<0.10		mg/kg		0.1	24-NOV-11
Magnesium (Mg)-Total			<1.0		mg/kg		1	24-NOV-11
Manganese (Mn)-Total			<0.010		mg/kg		0.01	24-NOV-11
Molybdenum (Mo)-Total			<0.010		mg/kg		0.01	24-NOV-11
Nickel (Ni)-Total			<0.10		mg/kg		0.1	24-NOV-11
Selenium (Se)-Total			<0.20		mg/kg		0.2	24-NOV-11
Strontium (Sr)-Total			<0.010		mg/kg		0.01	24-NOV-11
Thallium (Tl)-Total			<0.010		mg/kg		0.01	24-NOV-11
Tin (Sn)-Total			<0.050		mg/kg		0.05	24-NOV-11
Uranium (U)-Total			<0.0020		mg/kg		0.002	24-NOV-11
Vanadium (V)-Total			<0.10		mg/kg		0.1	24-NOV-11
WG1389734-4 MS		J1073670-114						

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
MET-WET-MS-ED	Tissue							
Batch	R2292752							
WG1389734-11 MS		L1072670-114						
Antimony (Sb)-Total			107.3		%		50-150	25-NOV-11
Arsenic (As)-Total			100.6		%		50-150	25-NOV-11
Barium (Ba)-Total			99.3		%		50-150	25-NOV-11
Beryllium (Be)-Total			100.9		%		50-150	25-NOV-11
Bismuth (Bi)-Total			105.7		%		50-150	25-NOV-11
Cadmium (Cd)-Total			102.6		%		50-150	25-NOV-11
Cobalt (Co)-Total			97.2		%		50-150	25-NOV-11
Copper (Cu)-Total			90.9		%		50-150	25-NOV-11
Lead (Pb)-Total			103.7		%		50-150	25-NOV-11
Lithium (Li)-Total			102.6		%		50-150	25-NOV-11
Magnesium (Mg)-Total			97.4		%		50-150	25-NOV-11
Manganese (Mn)-Total			97.6		%		50-150	25-NOV-11
Molybdenum (Mo)-Total			108.3		%		50-150	25-NOV-11
Nickel (Ni)-Total			95.6		%		50-150	25-NOV-11
Selenium (Se)-Total			105.6		%		50-150	25-NOV-11
Strontium (Sr)-Total			99.5		%		50-150	25-NOV-11
Thallium (Tl)-Total			105.2		%		50-150	25-NOV-11
Tin (Sn)-Total			105.0		%		50-150	25-NOV-11
Uranium (U)-Total			107.3		%		50-150	25-NOV-11
Vanadium (V)-Total			98.6		%		50-150	25-NOV-11
WG1389734-7 MS		L1072670-51						
Antimony (Sb)-Total			105.4		%		50-150	24-NOV-11
Arsenic (As)-Total			96.6		%		50-150	24-NOV-11
Barium (Ba)-Total			94.3		%		50-150	24-NOV-11
Beryllium (Be)-Total			93.1		%		50-150	24-NOV-11
Bismuth (Bi)-Total			102.7		%		50-150	24-NOV-11
Cadmium (Cd)-Total			98.3		%		50-150	24-NOV-11
Cobalt (Co)-Total			91.1		%		50-150	24-NOV-11
Copper (Cu)-Total			83.5		%		50-150	24-NOV-11
Lead (Pb)-Total			100.4		%		50-150	24-NOV-11
Lithium (Li)-Total			97.5		%		50-150	24-NOV-11
Magnesium (Mg)-Total			92.0		%		50-150	24-NOV-11
Manganese (Mn)-Total			91.2		%		50-150	24-NOV-11
Molybdenum (Mo)-Total			106.3		%		50-150	24-NOV-11

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
<b>MET-WET-MS-ED</b>	<b>Tissue</b>							
<b>Batch</b>	<b>R2292752</b>							
<b>WG1389734-7 MS</b>		<b>L1072670-51</b>						
Nickel (Ni)-Total			90.4		%		50-150	24-NOV-11
Selenium (Se)-Total			103.6		%		50-150	24-NOV-11
Strontium (Sr)-Total			95.1		%		50-150	24-NOV-11
Thallium (Tl)-Total			100.8		%		50-150	24-NOV-11
Tin (Sn)-Total			103.4		%		50-150	24-NOV-11
Uranium (U)-Total			104.6		%		50-150	24-NOV-11
Vanadium (V)-Total			96.3		%		50-150	24-NOV-11
<b>WG1389734-9 MS</b>		<b>L1072670-58</b>						
Antimony (Sb)-Total			106.5		%		50-150	24-NOV-11
Arsenic (As)-Total			102.1		%		50-150	24-NOV-11
Barium (Ba)-Total			98.3		%		50-150	24-NOV-11
Beryllium (Be)-Total			97.3		%		50-150	24-NOV-11
Bismuth (Bi)-Total			105.1		%		50-150	24-NOV-11
Cadmium (Cd)-Total			103.0		%		50-150	24-NOV-11
Cobalt (Co)-Total			95.4		%		50-150	24-NOV-11
Copper (Cu)-Total			81.1		%		50-150	24-NOV-11
Lead (Pb)-Total			103.9		%		50-150	24-NOV-11
Lithium (Li)-Total			100.0		%		50-150	24-NOV-11
Magnesium (Mg)-Total			89.6		%		50-150	24-NOV-11
Manganese (Mn)-Total			96.7		%		50-150	24-NOV-11
Molybdenum (Mo)-Total			109.0		%		50-150	24-NOV-11
Nickel (Ni)-Total			95.2		%		50-150	24-NOV-11
Selenium (Se)-Total			107.7		%		50-150	24-NOV-11
Strontium (Sr)-Total			97.8		%		50-150	24-NOV-11
Thallium (Tl)-Total			104.4		%		50-150	24-NOV-11
Tin (Sn)-Total			105.2		%		50-150	24-NOV-11
Uranium (U)-Total			107.9		%		50-150	24-NOV-11
Vanadium (V)-Total			98.6		%		50-150	24-NOV-11
<b>Batch</b>	<b>R2293731</b>							
<b>WG1392772-3 CRM</b>		<b>DORM-3_FISH</b>						
Arsenic (As)-Total			96.9		%		70-130	26-NOV-11
Cadmium (Cd)-Total			103.8		%		70-130	26-NOV-11
Copper (Cu)-Total			100.2		%		70-130	26-NOV-11
<b>WG1392772-4 CRM</b>		<b>DOLT-4_LIVER</b>						
Arsenic (As)-Total			90.7		%		70-130	26-NOV-11

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
<b>MET-WET-MS-ED</b>	<b>Tissue</b>							
<b>Batch</b>	<b>R2293731</b>							
<b>WG1392772-4 CRM</b>		<b>DOLT-4_LIVER</b>						
Cadmium (Cd)-Total		96.6		%		70-130	26-NOV-11	
Copper (Cu)-Total		102.5		%		70-130	26-NOV-11	
Selenium (Se)-Total		105.3		%		70-130	26-NOV-11	
<b>WG1392772-5 DUP</b>		<b>L1072670-135</b>						
Antimony (Sb)-Total	<0.010	<0.010	RPD-NA	mg/kg	N/A	35	26-NOV-11	
Arsenic (As)-Total	0.037	0.035		mg/kg	5.7	35	26-NOV-11	
Barium (Ba)-Total	0.038	0.128	DUP-H	mg/kg	0.089	0.04	26-NOV-11	
Beryllium (Be)-Total	<0.10	<0.10	RPD-NA	mg/kg	N/A	35	26-NOV-11	
Bismuth (Bi)-Total	<0.060	<0.060	RPD-NA	mg/kg	N/A	35	26-NOV-11	
Cadmium (Cd)-Total	<0.0060	<0.0060	RPD-NA	mg/kg	N/A	35	26-NOV-11	
Cobalt (Co)-Total	<0.020	<0.020	RPD-NA	mg/kg	N/A	35	26-NOV-11	
Copper (Cu)-Total	0.455	0.582		mg/kg	25	35	26-NOV-11	
Lead (Pb)-Total	<0.020	<0.020	RPD-NA	mg/kg	N/A	35	26-NOV-11	
Lithium (Li)-Total	<0.10	<0.10	RPD-NA	mg/kg	N/A	35	26-NOV-11	
Magnesium (Mg)-Total	310	327		mg/kg	5.4	35	26-NOV-11	
Manganese (Mn)-Total	0.099	0.188	DUP-H	mg/kg	62	35	26-NOV-11	
Molybdenum (Mo)-Total	<0.010	<0.010	RPD-NA	mg/kg	N/A	35	26-NOV-11	
Nickel (Ni)-Total	<0.10	<0.10	RPD-NA	mg/kg	N/A	35	26-NOV-11	
Selenium (Se)-Total	0.27	0.27		mg/kg	3.5	35	26-NOV-11	
Strontium (Sr)-Total	0.546	1.92	DUP-H	mg/kg	111	50	26-NOV-11	
Thallium (Tl)-Total	<0.010	<0.010	RPD-NA	mg/kg	N/A	35	26-NOV-11	
Tin (Sn)-Total	<0.050	<0.050	RPD-NA	mg/kg	N/A	35	26-NOV-11	
Uranium (U)-Total	<0.0020	<0.0020	RPD-NA	mg/kg	N/A	35	26-NOV-11	
Vanadium (V)-Total	<0.10	<0.10	RPD-NA	mg/kg	N/A	35	26-NOV-11	
<b>WG1392772-1 MB</b>								
Antimony (Sb)-Total		<0.010		mg/kg		0.01	26-NOV-11	
Arsenic (As)-Total		<0.010		mg/kg		0.01	26-NOV-11	
Barium (Ba)-Total		<0.020		mg/kg		0.02	26-NOV-11	
Beryllium (Be)-Total		<0.10		mg/kg		0.1	26-NOV-11	
Bismuth (Bi)-Total		<0.060		mg/kg		0.06	26-NOV-11	
Cadmium (Cd)-Total		<0.0060		mg/kg		0.006	26-NOV-11	
Cobalt (Co)-Total		<0.020		mg/kg		0.02	26-NOV-11	
Copper (Cu)-Total		<0.040		mg/kg		0.04	26-NOV-11	
Lead (Pb)-Total		<0.020		mg/kg		0.02	26-NOV-11	
Lithium (Li)-Total		<0.10		mg/kg		0.1	26-NOV-11	

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
<b>MET-WET-MS-ED</b>	<b>Tissue</b>							
Batch	R2293731							
<b>WG1392772-1 MB</b>								
Magnesium (Mg)-Total			<1.0		mg/kg	1	26-NOV-11	
Manganese (Mn)-Total			<0.010		mg/kg	0.01	26-NOV-11	
Molybdenum (Mo)-Total			<0.010		mg/kg	0.01	26-NOV-11	
Nickel (Ni)-Total			<0.10		mg/kg	0.1	26-NOV-11	
Selenium (Se)-Total			<0.20		mg/kg	0.2	26-NOV-11	
Strontium (Sr)-Total			<0.010		mg/kg	0.01	26-NOV-11	
Thallium (Tl)-Total			<0.010		mg/kg	0.01	26-NOV-11	
Tin (Sn)-Total			<0.050		mg/kg	0.05	26-NOV-11	
Uranium (U)-Total			<0.0020		mg/kg	0.002	26-NOV-11	
Vanadium (V)-Total			<0.10		mg/kg	0.1	26-NOV-11	
<b>WG1392772-2 MB</b>								
Antimony (Sb)-Total			<0.010		mg/kg	0.01	26-NOV-11	
Arsenic (As)-Total			<0.010		mg/kg	0.01	26-NOV-11	
Barium (Ba)-Total			<0.020		mg/kg	0.02	26-NOV-11	
Beryllium (Be)-Total			<0.10		mg/kg	0.1	26-NOV-11	
Bismuth (Bi)-Total			<0.060		mg/kg	0.06	26-NOV-11	
Cadmium (Cd)-Total			<0.0060		mg/kg	0.006	26-NOV-11	
Cobalt (Co)-Total			<0.020		mg/kg	0.02	26-NOV-11	
Copper (Cu)-Total			<0.040		mg/kg	0.04	26-NOV-11	
Lead (Pb)-Total			<0.020		mg/kg	0.02	26-NOV-11	
Lithium (Li)-Total			<0.10		mg/kg	0.1	26-NOV-11	
Magnesium (Mg)-Total			<1.0		mg/kg	1	26-NOV-11	
Manganese (Mn)-Total			<0.010		mg/kg	0.01	26-NOV-11	
Molybdenum (Mo)-Total			<0.010		mg/kg	0.01	26-NOV-11	
Nickel (Ni)-Total			<0.10		mg/kg	0.1	26-NOV-11	
Selenium (Se)-Total			<0.20		mg/kg	0.2	26-NOV-11	
Strontium (Sr)-Total			<0.010		mg/kg	0.01	26-NOV-11	
Thallium (Tl)-Total			<0.010		mg/kg	0.01	26-NOV-11	
Tin (Sn)-Total			<0.050		mg/kg	0.05	26-NOV-11	
Uranium (U)-Total			<0.0020		mg/kg	0.002	26-NOV-11	
Vanadium (V)-Total			<0.10		mg/kg	0.1	26-NOV-11	
<b>WG1392772-6 MS</b>		L1072670-135						
Antimony (Sb)-Total			102.0		%	50-150	26-NOV-11	
Arsenic (As)-Total			99.8		%	50-150	26-NOV-11	
Barium (Ba)-Total			97.0		%	50-150	26-NOV-11	

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
<b>MET-WET-MS-ED      Tissue</b>								
Batch            R2293731								
WG1392772-6    MS		L1072670-135						
Beryllium (Be)-Total			94.7		%		50-150	26-NOV-11
Bismuth (Bi)-Total			101.2		%		50-150	26-NOV-11
Cadmium (Cd)-Total			97.3		%		50-150	26-NOV-11
Cobalt (Co)-Total			94.8		%		50-150	26-NOV-11
Copper (Cu)-Total			94.1		%		50-150	26-NOV-11
Lead (Pb)-Total			100.8		%		50-150	26-NOV-11
Lithium (Li)-Total			90.0		%		50-150	26-NOV-11
Magnesium (Mg)-Total			92.4		%		50-150	26-NOV-11
Manganese (Mn)-Total			97.1		%		50-150	26-NOV-11
Molybdenum (Mo)-Total			105.1		%		50-150	26-NOV-11
Nickel (Ni)-Total			93.8		%		50-150	26-NOV-11
Selenium (Se)-Total			100.6		%		50-150	26-NOV-11
Strontium (Sr)-Total			96.4		%		50-150	26-NOV-11
Thallium (Tl)-Total			100.1		%		50-150	26-NOV-11
Tin (Sn)-Total			101.5		%		50-150	26-NOV-11
Uranium (U)-Total			105.0		%		50-150	26-NOV-11
Vanadium (V)-Total			97.2		%		50-150	26-NOV-11
<b>PREP-MOISTURE-ED      Tissue</b>								
Batch            R2296026								
WG1397919-4    DUP		L1072670-14						
% Moisture			76.3	77.3	%	1.3	50	01-DEC-11
WG1397919-5    DUP		L1072670-125						
% Moisture			78.6	78.7	%	0.11	50	01-DEC-11
WG1397919-6    DUP		L1072670-137						
% Moisture			77.9	77.1	%	0.98	50	01-DEC-11

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## Legend:

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Limit	ALS Control Limit (Data Quality Objectives)
DUP	Duplicate
RPD	Relative Percent Difference
N/A	Not Available
LCS	Laboratory Control Sample
SRM	Standard Reference Material
MS	Matrix Spike
MSD	Matrix Spike Duplicate
ADE	Average Desorption Efficiency
MB	Method Blank
IRM	Internal Reference Material
CRM	Certified Reference Material
CCV	Continuing Calibration Verification
CVS	Calibration Verification Standard
LCSD	Laboratory Control Sample Duplicate

## Sample Parameter Qualifier Definitions:

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Qualifier	Description
B	Method Blank exceeds ALS DQO. All associated sample results are at least 5 times greater than blank levels and are considered reliable.
DUP-H	Duplicate results outside ALS DQO, due to sample heterogeneity.
E	Matrix Spike recovery outside ALS DQO due to analyte background in sample.
MS-B	Matrix Spike recovery could not be accurately calculated due to high analyte background in sample.
RPD-NA	Relative Percent Difference Not Available due to result(s) being less than detection limit.

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# Quality Control Report

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## Hold Time Exceedances:

ALS Product Description	Sample ID	Sampling Date	Date Processed	Rec. HT	Actual HT	Units	Qualifier
<b>Dissolved Metals</b>							
Mercury in Tissue by CVAA, Wet weight							
49	07-MAY-07	17-NOV-11 00:00	180	1655	days	EHTR	
50	07-MAY-07	23-NOV-11 00:00	180	1661	days	EHTR	
51	07-MAY-07	17-NOV-11 00:00	180	1655	days	EHTR	
52	07-MAY-07	23-NOV-11 00:00	180	1661	days	EHTR	
53	07-MAY-07	17-NOV-11 00:00	180	1655	days	EHTR	
54	07-MAY-07	17-NOV-11 00:00	180	1655	days	EHTR	
55	07-MAY-07	17-NOV-11 00:00	180	1655	days	EHTR	
56	07-MAY-07	17-NOV-11 00:00	180	1655	days	EHTR	
57	07-MAY-07	23-NOV-11 00:00	180	1661	days	EHTR	
58	07-MAY-07	17-NOV-11 00:00	180	1655	days	EHTR	
59	07-MAY-07	17-NOV-11 00:00	180	1655	days	EHTR	
60	07-MAY-07	23-NOV-11 00:00	180	1661	days	EHTR	
61	07-MAY-07	17-NOV-11 00:00	180	1655	days	EHTR	
62	07-MAY-07	17-NOV-11 00:00	180	1655	days	EHTR	
63	07-MAY-07	23-NOV-11 00:00	180	1661	days	EHTR	
64	07-MAY-07	23-NOV-11 00:00	180	1661	days	EHTR	
65	07-MAY-07	17-NOV-11 00:00	180	1655	days	EHTR	
66	07-MAY-07	23-NOV-11 00:00	180	1661	days	EHTR	
67	07-MAY-07	17-NOV-11 00:00	180	1655	days	EHTR	
68	07-MAY-07	17-NOV-11 00:00	180	1655	days	EHTR	
69	07-MAY-07	23-NOV-11 00:00	180	1661	days	EHTR	
70	07-MAY-07	17-NOV-11 00:00	180	1655	days	EHTR	
71	07-MAY-07	17-NOV-11 00:00	180	1655	days	EHTR	
72	07-MAY-07	17-NOV-11 00:00	180	1655	days	EHTR	
73	09-AUG-04	17-NOV-11 00:00	180	2656	days	EHTR	
74	09-AUG-04	17-NOV-11 00:00	180	2656	days	EHTR	
75	09-AUG-04	17-NOV-11 00:00	180	2656	days	EHTR	
76	09-AUG-04	17-NOV-11 00:00	180	2656	days	EHTR	
77	09-AUG-04	17-NOV-11 00:00	180	2656	days	EHTR	
78	12-AUG-04	17-NOV-11 00:00	180	2653	days	EHTR	
80	12-AUG-04	17-NOV-11 00:00	180	2653	days	EHTR	
81	12-AUG-04	17-NOV-11 00:00	180	2653	days	EHTR	
82	12-AUG-04	17-NOV-11 00:00	180	2653	days	EHTR	
86	12-AUG-04	17-NOV-11 00:00	180	2653	days	EHTR	
87	12-AUG-04	17-NOV-11 00:00	180	2653	days	EHTR	
95	09-AUG-04	17-NOV-11 00:00	180	2656	days	EHTR	
110	17-SEP-04	18-NOV-11 00:00	180	2618	days	EHTR	
111	17-SEP-04	18-NOV-11 00:00	180	2618	days	EHTR	
112	17-SEP-04	18-NOV-11 00:00	180	2618	days	EHTR	
113	18-SEP-04	18-NOV-11 00:00	180	2617	days	EHTR	
114	20-SEP-04	17-NOV-11 00:00	180	2614	days	EHTR	
115	20-SEP-04	18-NOV-11 00:00	180	2615	days	EHTR	
116	20-SEP-04	18-NOV-11 00:00	180	2615	days	EHTR	
117	20-SEP-04	18-NOV-11 00:00	180	2615	days	EHTR	
118	20-SEP-04	23-NOV-11 00:00	180	2620	days	EHTR	
119	20-SEP-04	18-NOV-11 00:00	180	2615	days	EHTR	
120	20-SEP-04	18-NOV-11 00:00	180	2615	days	EHTR	
121	20-SEP-04	18-NOV-11 00:00	180	2615	days	EHTR	
122	12-SEP-04	18-NOV-11 00:00	180	2623	days	EHTR	
123	14-AUG-04	23-NOV-11 00:00	180	2657	days	EHTR	
124	14-AUG-04	18-NOV-11 00:00	180	2652	days	EHTR	
125	14-AUG-04	18-NOV-11 00:00	180	2652	days	EHTR	
126	14-AUG-04	18-NOV-11 00:00	180	2652	days	EHTR	
127	14-AUG-04	18-NOV-11 00:00	180	2652	days	EHTR	
128	14-AUG-04	18-NOV-11 00:00	180	2652	days	EHTR	
129	14-SEP-04	18-NOV-11 00:00	180	2621	days	EHTR	
130	14-SEP-04	18-NOV-11 00:00	180	2621	days	EHTR	
131	14-SEP-04	18-NOV-11 00:00	180	2621	days	EHTR	

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**Hold Time Exceedances:**

ALS Product Description	Sample ID	Sampling Date	Date Processed	Rec. HT	Actual HT	Units	Qualifier
<b>Dissolved Metals</b>							
Mercury in Tissue by CVAA, Wet weight							
	132	14-SEP-04	18-NOV-11 00:00	180	2621	days	EHTR
	133	14-SEP-04	23-NOV-11 00:00	180	2626	days	EHTR
	135	14-SEP-04	23-NOV-11 00:00	180	2626	days	EHTR
	137	14-SEP-04	23-NOV-11 00:00	180	2626	days	EHTR

**Legend & Qualifier Definitions:**

EHTR-FM: Exceeded ALS recommended hold time prior to sample receipt. Field Measurement recommended.

EHTR: Exceeded ALS recommended hold time prior to sample receipt.

EHTL: Exceeded ALS recommended hold time prior to analysis. Sample was received less than 24 hours prior to expiry.

EHT: Exceeded ALS recommended hold time prior to analysis.

Rec. HT: ALS recommended hold time (see units).

**Notes\*:**

Where actual sampling date is not provided to ALS, the date (&amp; time) of receipt is used for calculation purposes.

Where actual sampling time is not provided to ALS, the earlier of 12 noon on the sampling date or the time (&amp; date) of receipt is used for calculation purposes. Samples for L1072670 were received on 17-OCT-11 13:57.

ALS recommended hold times may vary by province. They are assigned to meet known provincial and/or federal government requirements. In the absence of regulatory hold times, ALS establishes recommendations based on guidelines published by the US EPA, APHA Standard Methods, or Environment Canada (where available). For more information, please contact ALS.

The ALS Quality Control Report is provided to ALS clients upon request. ALS includes comprehensive QC checks with every analysis to ensure our high standards of quality are met. Each QC result has a known or expected target value, which is compared against pre-determined data quality objectives to provide confidence in the accuracy of associated test results.

Please note that this report may contain QC results from anonymous Sample Duplicates and Matrix Spikes that do not originate from this Work Order.



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# 0715 QR-22

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Environmental Division



REPORT TO: <i>Kerrie Serben</i>		REPORT FORMAT / DISTRIBUTION		SERVICE REQUESTED	
COMPANY: <i>Golder Associates Ltd.</i>		STANDARD <input checked="" type="checkbox"/>	OTHER _____	REGULAR SERVICE (DEFAULT)	
CONTACT: <i>Kerrie Serben</i>		PDF <input checked="" type="checkbox"/>	EXCEL <input checked="" type="checkbox"/>	CUSTOM <input type="checkbox"/>	FAX _____
ADDRESS: <i>1721 8th St. East Saskatoon, SK</i>		EMAIL 1: <i>Kerrie.Serben@golder.com</i>		RUSH SERVICE (2-3 DAYS)	
PHONE: <i>(306) 667 1531 FAX: (306) 665 3342</i>		EMAIL 2: <i>cjda@p...golder.com</i>		PRIORITY SERVICE (1 DAY or ASAP)	
INVOICE TO: SAME AS REPORT? <input checked="" type="checkbox"/> NO <input type="checkbox"/>		INDICATE BOTTLES: FILTERED / PRESERVED (F/P)		EMERGENCY SERVICE (<1 DAY / WEEKEND) - CONTACT ALS	
COMPANY: <i>De Beers Canada Inc.</i>		CLIENT / PROJECT INFORMATION:		ANALYSIS REQUEST	
CONTACT: <i>Andrew Williams</i>		JOB #: <i>11-1365-001-4020-10</i>		<i>PLEASE SEE Quote Q28165.</i>	
ADDRESS: <i>250 Ferrand Drive Suite 900, TORONTO, ON, M3C 3G8</i>		PO / AFE:			
PHONE: <i>416 645 1710 ext 2392 FAX:</i>		Legal Site Description:			
Lab Work Order # (lab use only) <i>11072670</i>		QUOTE #: <i>Q28165</i>			
Sample #	SAMPLE IDENTIFICATION (This description will appear on the report)	DATE	TIME	SAMPLE TYPE	
	<i>GK11ULKTR001</i>	<i>11 July 11</i>		<i>FISH TISSUE</i>	
	<i>GK11ULKTR002</i>				
	<i>GK11ULKTR003</i>				
	<i>GK11ULKTR004</i>				
	<i>GK11ULKTR005</i>				
	<i>GK11ULKTR006</i>				
	<i>GK11ULKTR007</i>				
	<i>GK11ULKTR008</i>				
	<i>GK11ULKTR009</i>				
	<i>GK11ULKTR010</i>	<i>11 July 11</i>		<i>FISH TISSUE</i>	
GUIDELINES / REGULATIONS		SPECIAL INSTRUCTIONS / HAZARDOUS DETAILS			

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		Legal Site Description:					
PHONE: FAX:		QUOTE #:					
Lab Work Order # (lab use only)				SAMPLER (Initials):			
Sample #	SAMPLE IDENTIFICATION (This description will appear on the report)	DATE	TIME	SAMPLE TYPE			HAZARDOUS ?
	<i>GK11U LCTR 011</i>	<i>15 July 11</i>		<i>FISH TISSUE</i>			
	<i>GK11U LCTR 012</i>	<i>11 July 11</i>					
	<i>GK11U LCTR 013</i>	<i>12 July 11</i>					
	<i>GK11U LCTR 014</i>						
	<i>GK11U LCTR 015</i>						
	<i>GK11U LCTR 016</i>						
	<i>GK11U LCTR 017</i>						
	<i>GK11U LCTR 018</i>						
	<i>GK11U LCTR 019</i>						
	<i>GK11U LCTR 020</i>	<i>12 July 11</i>		<i>FISH TISSUE</i>			
GUIDELINES / REGULATIONS		SPECIAL INSTRUCTIONS / HAZARDOUS DETAILS					

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RELINQUISHED BY: <i>John D.</i>	DATE & TIME: <i>Oct 5/11 1330</i>	RECEIVED BY:	DATE & TIME:	SAMPLE CONDITION (lab use only)	
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ADDRESS:		PO / AFE:						
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PHONE: FAX:		QUOTE #:						
Lab Work Order # (lab use only)		SAMPLER (Initials):						
Sample #	SAMPLE IDENTIFICATION (This description will appear on the report)		DATE	TIME	SAMPLE TYPE	HAZARDOUS ?	HIGHLY CONTAMINATED ?	NUMBER OF CONTAINERS
	<i>BAG 1 LAB</i>		<i>12 July 11</i>		<i>FISH TISSUE</i>			
	<i>BAG 2 LAB</i>							
	<i>BAG 3 LAB</i>							
	<i>BAG 4 LAB</i>							
	<i>BAG 5 LAB</i>							
	<i>BAG 6 LAB</i>							
	<i>BAG 7 LAB</i>							
	<i>BAG 8 LAB</i>		<i>12 July 11</i>		<i>FISH TISSUE</i>			
	<i>GKLU LKTR 001</i>		<i>11 July 11</i>		<i>FISH LIVER</i>			
	<i>GKLU LKTR 002</i>		<i>11 Aug 11</i>		<i>FISH LIVER</i>			
GUIDELINES / REGULATIONS		SPECIAL INSTRUCTIONS / HAZARDOUS DETAILS						

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PHONE: FAX:						ANALYSIS REQUEST	
INVOICE TO: SAME AS REPORT ? YES / NO	INDICATE BOTTLES: FILTERED / PRESERVED (F/P)						
COMPANY:	CLIENT / PROJECT INFORMATION:						
CONTACT:	JOB #:						
ADDRESS:	PO / AFE:						
	Legal Site Description:						
PHONE: FAX:	QUOTE #:						
Lab Work Order # (lab use only)				SAMPLER (Initials):			
Sample #	SAMPLE IDENTIFICATION (This description will appear on the report)	DATE	TIME	SAMPLE TYPE			
	GK114LICKT003	11 July 11		LIVER Fish			
	GK11ULCKT004						
	GK11ULCKT005						
	GK114CKT006						
	GK11ULCKT007						
	GK11ULCKT008						
	GK11ULCKT009						
	GK11ULCKT010						
	GK114CKT011						
	GK11ULCKT012	11 July 11		LIVER Fish			
GUIDELINES / REGULATIONS		SPECIAL INSTRUCTIONS / HAZARDOUS DETAILS					

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RELINQUISHED BY:	DATE & TIME:	RECEIVED BY:	DATE & TIME:	TEMPERATURE	SAMPLES RECEIVED IN GOOD CONDITION ? YES / NO (If no provide details)



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ADDRESS:	EMAIL 1:				PRIORITY SERVICE (1 DAY or ASAP)	
	EMAIL 2:				EMERGENCY SERVICE (<1 DAY / WEEKEND) - CONTACT ALS	
PHONE:	FAX: <i>S058 Rg</i>				ANALYSIS REQUEST	
INVOICE TO: SAME AS REPORT ? YES / NO	INDICATE BOTTLES: FILTERED / PRESERVED (F/P)					
COMPANY:	CLIENT / PROJECT INFORMATION:				<div style="text-align: center;"> </div>	
CONTACT:	JOB #:					
ADDRESS:	PO / AFE:					
	Legal Site Description:					
PHONE:	QUOTE #:					
Lab Work Order # (lab use only)	SAMPLER (Initials):					
Sample #	SAMPLE IDENTIFICATION (This description will appear on the report)		DATE	TIME	SAMPLE TYPE	HAZARDOUS ?
	<i>GK11ULKTR 013</i>		<i>12July11</i>		<i>Fish Liver</i>	
	<i>GK11ULKTR 014</i>					
	<i>GK11ULKTR 015</i>					
	<i>GK11ULKTR 016</i>					
	<i>GK11ULKTR 017</i>					
	<i>GK11ULKTR 018</i>					
	<i>GK11ULKTR 019</i>					
	<i>GK11ULKTR 020</i>		<i>12July11</i>		<i>Fish Liver</i>	
GUIDELINES / REGULATIONS		SPECIAL INSTRUCTIONS / HAZARDOUS DETAILS				

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RELINQUISHED BY: <i>John</i>	DATE & TIME: <i>8058/11/13 3:00</i>	RECEIVED BY:	DATE & TIME:	SAMPLE CONDITION (lab use only)	
RELINQUISHED BY:	DATE & TIME:	RECEIVED BY:	DATE & TIME:	TEMPERATURE	SAMPLES RECEIVED IN GOOD CONDITION ? YES / NO (If no provide details)

## APPENDIX B

### Fish Tissue Chemistry Results

**Appendix B Table 1 Metal Concentrations in Whole-body Lake Chub from Lake N11, Collected in July 2011**

Parameter	Units	Detection Limit	Bag 1 Lab	Bag 2 Lab	Bag 3 Lab	Bag 4 Lab	Bag 5 Lab	Bag 6 Lab	Bag 7 Lab	Bag 8 Lab
<b>Physical Tests</b>										
% Moisture	%	0.10	74.9	77.2	75.5	75.3	75.4	76.8	79.1	76.8
<b>Total Metals</b>										
Aluminum	mg/kg ww	2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Antimony	mg/kg ww	0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Arsenic	mg/kg ww	0.010	0.035	0.039	0.028	0.031	0.033	0.031	0.034	0.039
Barium	mg/kg ww	0.020	7.87	7.81	7.36	7.04	6.46	5.56	5.01	6.08
Beryllium	mg/kg ww	0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Bismuth	mg/kg ww	0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060
Cadmium	mg/kg ww	0.0060	0.0096	0.0173	0.0088	0.0095	0.0078	0.0078	0.0079	0.0098
Calcium	mg/kg ww	2.0	11200	12000	9500	8770	6950	6980	7160	8580
Chromium	mg/kg ww	0.10	0.18	0.30	0.14	<0.10	0.13	0.16	0.32	<0.10
Cobalt	mg/kg ww	0.020	<0.020	0.030	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Copper	mg/kg ww	0.040	0.586	0.714	0.609	0.616	0.649	0.622	0.552	0.588
Iron	mg/kg ww	1.0	18.1	26.0	17.4	14.6	13.5	12.0	14.4	15.8
Lead	mg/kg ww	0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Lithium	mg/kg ww	0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	mg/kg ww	1.0	362	362	344	347	379	370	320	338
Manganese	mg/kg ww	0.010	7.64	7.22	6.21	6.38	5.22	5.41	4.64	7.07
Mercury	mg/kg ww	0.0020	0.100	0.149	0.0705	0.0497	0.0401	0.0353	0.0355	0.0859
Molybdenum	mg/kg ww	0.010	0.028	0.042	0.026	0.020	0.023	0.026	0.033	0.021
Nickel	mg/kg ww	0.10	0.30	0.42	0.25	0.22	0.22	0.25	0.37	0.19
Phosphorus	mg/kg ww	5.0	8,560	7,710	6,430	5,920	4,970	5,140	5,230	5,700
Potassium	mg/kg ww	20	2,620	2,890	2,860	2,620	2,740	2,780	2,810	2,970
Selenium	mg/kg ww	0.20	0.33	0.40	0.28	0.30	0.29	0.26	0.26	0.36
Silver	mg/kg ww	0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Sodium	mg/kg ww	20	932	972	953	833	835	722	636	826
Strontium	mg/kg ww	0.010	43.6	42.4	38.3	38.2	31.8	28.7	27.4	30.3
Thallium	mg/kg ww	0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Tin	mg/kg ww	0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Titanium	mg/kg ww	0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Uranium	mg/kg ww	0.0020	<0.0020	0.0021	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Vanadium	mg/kg ww	0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Zinc	mg/kg ww	0.10	39.2	50.0	42.4	37.7	35.5	36.0	38.9	39.6

< = less than; mg/kg ww = milligrams per kilogram wet weight; Bag 1 Lab = lake chub sample identifier.

**Appendix B Table 2 Metal Concentrations in Lake Trout Muscle Tissue from Lake N11, Collected in July 2011.**

Parameter	Units	DL	GK11ULKTR 001	GK11ULKTR 002	GK11ULKTR 003	GK11ULKTR 004	GK11ULKTR 005	GK11ULKTR 006	GK11ULKTR 007	GK11ULKTR 008	GK11ULKTR 009	GK11ULKTR 010	GK11ULKTR 011	GK11ULKTR 012	GK11ULKTR 013	GK11ULKTR 014	GK11ULKTR 015	GK11ULKTR 016	GK11ULKTR 017	GK11ULKTR 018	GK11ULKTR 019	GK11ULKTR 020	
<b>Physical Tests</b>																							
% Moisture	%	0.10	76.9	75.9	77.5	78.9	78.5	77.4	76.5	78.7	76.6	76.4	78.2	76.4	76.8	76.3	79.1	76.1	76.0	75.9	75.5	75.8	
<b>Total Metals</b>																							
Aluminum	mg/kg ww	2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Antimony	mg/kg ww	0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Arsenic	mg/kg ww	0.010	0.028	0.025	0.024	0.028	0.024	0.026	0.027	0.032	0.023	0.019	0.019	0.022	0.020	0.020	0.030	0.029	0.022	0.021	0.019	0.022	0.019
Barium	mg/kg ww	0.020	0.022	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Beryllium	mg/kg ww	0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Bismuth	mg/kg ww	0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060
Cadmium	mg/kg ww	0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060
Calcium	mg/kg ww	2.0	90.6	138	128	208	179	161	84.3	86.0	163	212	110	144	111	65.2	176	118	51.8	116	162	107	
Chromium	mg/kg ww	0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	0.25	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cobalt	mg/kg ww	0.020	<0.020	<0.020	<0.020	<0.020	<0.020	0.032	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Copper	mg/kg ww	0.040	0.247	0.341	0.265	0.298	0.188	0.252	0.264	0.255	0.310	0.277	0.282	0.355	0.281	0.282	0.312	0.252	0.264	0.260	0.225	0.265	
Iron	mg/kg ww	1.0	2.5	2.6	3.9	4.6	3.2	2.5	2.5	3.0	3.2	2.6	5.0	2.8	2.8	2.0	4.4	2.5	2.4	2.6	1.7	2.3	
Lead	mg/kg ww	0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Lithium	mg/kg ww	0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	mg/kg ww	1.0	277	271	272	266	263	283	282	270	273	301	272	297	298	280	246	279	274	300	295	299	
Manganese	mg/kg ww	0.010	0.116	0.120	0.190	0.237	0.128	0.163	0.118	0.192	0.178	0.139	0.122	0.145	0.175	0.125	0.184	0.130	0.094	0.133	0.128	0.138	
Mercury	mg/kg ww	0.0020	0.791	0.558	0.383	0.932	0.608	0.309	0.794	0.474	0.328	0.326	0.634	0.285	0.173	0.305	1.12	0.363	0.404	0.218	0.294	0.288	
Molybdenum	mg/kg ww	0.010	<0.010	0.015	<0.010	0.016	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	0.018	<0.010	<0.010	<0.010	<0.010	<0.010	<0.014
Nickel	mg/kg ww	0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	0.20	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Phosphorus	mg/kg ww	5.0	2,330	2,480	2,650	2,620	2,640	2,360	2,440	2,050	2,610	2,540	2,940	2,590	2,510	2,480	2,360	2,480	2,370	2,690	2,550	2,500	
Potassium	mg/kg ww	20	3,860	4,190	4,510	4,410	4,340	3,870	3,910	3,770	4,240	4,130	4,940	4,170	4,280	4,010	3,990	4,010	3,870	4,390	4,030	4,130	
Selenium	mg/kg ww	0.20	0.25	0.29	0.24	0.26	0.28	0.28	0.25	0.24	0.28	0.33	0.26	0.23	0.31	0.24	0.31	0.24	0.27	0.29	0.29	0.25	
Silver	mg/kg ww	0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	
Sodium	mg/kg ww	20	294	311	372	392	312	314	269	305	283	253	350	279	284	271	395	258	190	256	275	247	
Strontium	mg/kg ww	0.010	0.144	0.295	0.150	0.252	0.278	0.278	0.080	0.122	0.324	0.492	0.165	0.268	0.200	0.094	0.272	0.175	0.068	0.185	0.275	0.1	

**Appendix B Table 3 Metal Concentrations in Lake Trout Liver Tissue from Lake N11, July 2011.**

Parameter	Units	Detection Limit	GK11ULKTR0 01	GK11ULKTR0 02	GK11ULKTR0 03	GK11ULKTR0 04	GK11ULKTR0 05	GK11ULKTR0 06	GK11ULKTR0 07	GK11ULKTR0 08	GK11ULKTR0 09	GK11ULKTR0 10	GK11ULKTR0 11	GK11ULKTR0 12	GK11ULKTR0 13	GK11ULKTR0 14	GK11ULKTR0 15	GK11ULKTR0 16	GK11ULKTR0 17	GK11ULKTR0 18	GK11ULKTR0 19	GK11ULKTR0 20
<b>Physical Tests</b>																						
% Moisture	%	0.10	74.3	73.9	73.3	75.0	76.6	78.5	76.0	77.1	76.1	78.1	76.6	74.1	-	76.2	73.0	76.3	74.5	-	-	77.5
<b>Total Metals</b>																						
Aluminum	mg/kg ww	2.0 to 4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0
Antimony	mg/kg ww	0.010 to 0.020	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.020	<0.010	<0.010
Arsenic	mg/kg ww	0.010 to 0.020	0.023	0.025	0.026	0.026	0.019	0.021	0.031	0.026	0.030	0.024	0.029	0.049	0.047	0.036	0.029	0.041	0.037	0.058	0.039	0.048
Barium	mg/kg ww	0.020 to 0.040	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.040	<0.020	<0.020
Beryllium	mg/kg ww	0.10 to 0.20	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.20	<0.10	<0.10
Bismuth	mg/kg ww	0.060 to 0.120	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.120	<0.060	<0.060
Cadmium	mg/kg ww	0.0060 to 0.012	0.109	0.103	0.163	0.188	0.167	0.123	0.160	0.185	0.0933	0.0733	0.138	0.0990	0.0740	0.185	0.203	0.162	0.160	0.138	0.129	0.152
Calcium	mg/kg ww	2.0 to 4.0	81.3	47.1	49.8	64.6	69.9	49.5	82.9	97.4	47.4	79.3	97.6	62.9	60.9	60.3	57.8	64.6	80.5	52.0	59.6	46.7
Chromium	mg/kg ww	0.10 to 0.20	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	0.13	<0.10	<0.10	0.10	<0.10	<0.20	<0.10	0.33
Cobalt	mg/kg ww	0.020 to 0.040	0.160	0.178	0.119	0.299	0.170	0.147	0.303	0.134	0.107	0.173	0.160	0.094	0.053	0.175	0.116	0.141	0.203	0.102	0.120	0.156
Copper	mg/kg ww	0.040 to 0.080	15.2	12.0	18.3	24.8	16.6	14.1	12.6	7.64	17.3	10.4	41.0	16.7	6.03	14.8	26.1	22.5	22.0	8.61	7.74	11.4
Iron	mg/kg ww	1.0 to 2.0	373	301	591	667	575	390	442	520	193	405	620	205	157	444	606	451	437	402	474	199
Lead	mg/kg ww	0.020 to 0.040	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	0.021	<0.020	<0.020	<0.020	<0.020	<0.020	0.034	<0.020	<0.020	<0.040	<0.020	<0.020
Lithium	mg/kg ww	0.10 to 0.20	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.20	<0.10	<0.10
Magnesium	mg/kg ww	1.0 to 2.0	202	178	175	193	165	156	176	165	167	173	209	209	176	204	186	192	161	180	176	169
Manganese	mg/kg ww	0.010 to 0.020	2.10	1.92	1.58	1.80	1.23	1.45	1.89	1.46	2.22	1.25	1.83	1.53	1.87	1.65	1.60	1.65	1.72	1.75	1.54	1.55
Mercury	mg/kg ww	0.0020	1.05	0.425	0.330	1.67	1.30	0.390	1.47	1.16	0.377	0.312	0.888	0.229	0.140	0.416	3.14	0.427	0.605	0.341	0.332	0.204
Molybdenum	mg/kg ww	0.010 to 0.020	0.103	0.182	0.184	0.183	0.160	0.144	0.125	0.192	0.137	0.142	0.142	0.212	0.153	0.180	0.252	0.191	0.219	0.200	0.196	0.205
Nickel	mg/kg ww	0.10 to 0.20	<0.10	<0.10	<0.10	0.11	<0.10	<0.10	<0.10	0.11	<0.10	<0.10	<0.10	<0.10	0.14	<0.10	<0.10	0.11	<0.10	0.21	<0.10	0.22
Phosphorus	mg/kg ww	5.0	3,760	3,350	3,450	3,660	3,030	3,040	3,380	2,800	3,160	3,120	3,650	4,140	3,230	3,650	2,950	3,070	3,400	3,420	3,510	3,430
Potassium	mg/kg ww	20	3,550	3,220	3,500	3,350	2,580	2,900	3,080	2,830	3,270	3,000	4,000	4,410	2,880	3,640	2,990	3,430	3,320	3,520	3,550	3,460
Selenium	mg/kg ww	0.20 to 0.40	1.37	1.93	2.30	2.55	1.43	1.53	1.40	1.43	1.46	1.87	1.31	2.06	1.76	1.66	2.98	1.84	2.46	1.62	1.50	2.04
Silver	mg/kg ww	0.050 to 0.100	0.079	<0.050	0.071	0.083	0.081	0.075	0.065	<0.050	0.089	<0.050	0.232	0.096	<0.050	0.052	0.104	0.100	0.110	<0.10	<0.050	<0.050
Sodium	mg/kg ww	20 to 40	894	1,090	915	999	1,210	1,300	1,050	1,290	1,280	1,560	1,040	1,070	1,560	1,190	1,060	985	1,090	1,100	869	1,140
Strontium	mg/kg ww	0.010 to 0.020	0.174	0.134	0.097	0.153	0.153	0.146	0.119	0.215	0.129	0.256	0.157	0.156	0.192	0.134	0.101	0.146	0.133	0.140	0.133	0.092
Thallium	mg/kg ww	0.010 to 0.020	0.051	0.031	0.054	0.055	0.023	0.035	0.056	0.037	0.053	0.024	0.038	0.108	0.077	0.046	0.045	0.063	0.062	0.054	0.041	0.096
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**Appendix B Table 4 Metal Concentrations in Round Whitefish Muscle and Liver Tissues from Kennedy Lake, August 2004**

Parameter	Units	Detection Limit	WFKL-AUG 14-#1 FISH	WFKL-AUG 14-#2 FISH	WFKL-AUG 14-#3 FISH	WFKL-AUG 14-#4 FISH	WFKL-AUG 14-#5 FISH	WFKL-AUG 14-#6 FISH	WF 04-09-14-1 FISH	WF 04-09-14-2 FISH	WF 04-09-14-3 FISH	WF 04-09-14-4 FISH	WF 04-09-14-5 FISH	WF 04-09-14-1 LIVER	WF 04-09-14-2 LIVER
			Muscle	Muscle	Muscle	Muscle	Muscle	Muscle	Muscle	Muscle	Muscle	Muscle	Muscle	Liver	Liver
<b>Physical Tests</b>															
% Moisture	%	0.10	76.3	78.7	78.6	76.9	76.1	78.1	76.0	73.3	76.9	77.3	77.9	-	-
<b>Total Metals</b>															
Aluminum	mg/kg ww	2.0 to 20	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<20	<6.0
Antimony	mg/kg ww	0.04 to 0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.1	<0.040
Arsenic	mg/kg ww	0.04 to 0.010	0.029	0.046	0.043	0.044	0.065	0.044	0.037	0.043	0.035	0.037	0.035	0.19	0.141
Barium	mg/kg ww	0.020 to 0.20	0.035	0.097	0.065	0.048	0.075	0.026	0.148	0.113	0.089	0.038	0.050	<0.20	<0.080
Beryllium	mg/kg ww	0.10 to 1.0	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<1.0	<0.40
Bismuth	mg/kg ww	0.060 to 0.6	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.60	<0.24
Cadmium	mg/kg ww	0.0060 to 0.06	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.060	0.042
Calcium	mg/kg ww	2.0 to 20	149	538	297	281	384	113	669	627	377	182	249	63.0	59.6
Chromium	mg/kg ww	0.10 to 1.0	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<1.0	2.18
Cobalt	mg/kg ww	0.020 to 0.20	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.20	0.087
Copper	mg/kg ww	0.040 to 0.40	0.271	0.283	1.06	0.365	2.35	0.466	1.42	0.761	0.702	0.455	0.407	1.59	1.48
Iron	mg/kg ww	1.0 to 10	3.1	2.6	2.3	2.1	3.2	2.3	2.8	2.8	2.3	1.8	2.2	83	251
Lead	mg/kg ww	0.020 to 0.20	<0.020	<0.020	0.037	<0.020	0.075	<0.020	0.051	0.020	<0.020	<0.020	<0.020	<0.20	<0.080
Lithium	mg/kg ww	0.10 to 1.0	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<1.0	<0.40
Magnesium	mg/kg ww	1.0 to 10	320	330	367	331	375	329	321	376	331	310	307	160	148
Manganese	mg/kg ww	0.010 to 0.10	0.081	0.149	0.128	0.111	0.136	0.070	0.193	0.177	0.207	0.099	0.104	1.50	1.62
Mercury	mg/kg ww	0.0020	0.125	0.125	0.0989	0.109	0.142	0.142	0.107	0.117	0.0962	0.0887	0.0999	0.140	0.130
Molybdenum	mg/kg ww	0.010 to 0.10	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	0.28	0.346
Nickel	mg/kg ww	0.10 to 1.0	0.71	<0.10	0.13	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<1.0	1.70
Phosphorus	mg/kg ww	5.0 to 50	3,520	2,910	3,430	2,680	3,320	2,980	2,710	3,140	2,920	3,380	2,880	2,690	2,460
Potassium	mg/kg ww	20 to 200	6,820	4,430	5,520	4,590	5,330	5,140	4,020	5,030	4,980	6,230	5,300	2,040	2,030
Selenium	mg/kg ww	0.20 to 2.0	0.23	0.28	0.30	0.25	0.29	0.28	0.28	0.33	0.31	0.27	0.31	<2.0	1.01
Silver	mg/kg ww	0.050 0.50	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.50	<0.20
Sodium	mg/kg ww	20 to 200	287	288	370	276	390	330	295	360	259	252	284	980	770
Strontium	mg/kg ww	0.010 to 0.10	0.439	1.48	0.931	0.790	1.07	0.254	2.17	1.89	1.33	0.546	0.642	0.31	0.317
Thallium	mg/kg ww	0.010 to 0.10	<0.010	0.010	0.011	0.011	0.012	<0.010	<0.010	0.012	0.012	<0.010	<0.010	<0.10	0.062
Tin	mg/kg ww	0.050 to 0.50	<0.050	<0.050	<0.050	<0.050	0.150	<0.050	0.089	<0.050	<0.050	<0.050	<0.050	<0.50	<0.20
Titanium	mg/kg ww	0.10 to 1.0	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<1.0	<0.30
Uranium	mg/kg ww	0.0020 to 0.020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.020	<0.0080
Vanadium	mg/kg ww	0.10 to 1.0	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<1.0	<0.40
Zinc	mg/kg ww	0.10 to 1.0	3.16	3.66	3.94	3.49	4.05	3.44	3.99	3.65	3.34	3.21	3.44	21.0	19.0

mg/kg ww= milligrams per kilogram wet weight; < = less than; GK11ULKTR001 = individual fish biomarker; - = parameter was not measured.

**Appendix B Table 5 Metal Concentrations in Lake Trout Liver Tissues from Kennedy Lake, Lake N16, and Lake 410, in 2004.**

Parameter	Units	Detection Limit	2004 LKTR LIVER 7-LIVER	2004 LKTR LIVER KL2-LIVER	2004 LKTR LIVER KL3-LIVER	2004 LKTR LIVER L410-1 LIVER	2004 LKTR LIVER L410-2 LIVER	LKTR LIVER L410-3 LIVER	2004 LKTR LIVER L410-4 LIVER	2004 LKTR LIVER L410-9 LIVER	2004 LKTR LIVER L410-10 LIVER	2004 LKTR LIVER CL1 LIVER	2004 LKTR LIVER CL2 LIVER	2004 LKTR LIVER CL3 LIVER	2004 LKTR LIVER CL4 LIVER	2004 LKTR LIVER CL5 LIVER	2004 LKTR LIVER CL6 LIVER	2004 LKTR LIVER CL7 LIVER	2004 LKTR LIVER CL8 LIVER	2004 LKTR LIVER CL9 LIVER	2004 LKTR LIVER CL10 LIVER	2004 LKTR LIVER CL10-5 LIVER	2004 LKTR LIVER L410-6 LIVER	
<b>Physical tests</b>																								
% Moisture	%	0.1	75.8	75.1	78.8	75.2	-	73.7	-	72.5	74.1	77.1	-	74.3	-	74.4	-	-	-	-	-	-	73.9	
<b>Total Metal</b>																								
Aluminum	mg/kg ww	2.0 to 20	<2.0	<2.0	2.3	5.3	6.1	2.9	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0
Antimony	mg/kg ww	0.04 to 0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.020	<0.010	<0.010	
Arsenic	mg/kg ww	0.04 to 0.010	0.048	0.040	0.033	0.101	0.064	0.032	0.044	0.089	0.020	0.050	0.052	0.042	0.046	0.044	0.034	0.039	0.044	0.041	0.087	0.072	0.028	
Barium	mg/kg ww	0.020 to 0.20	<0.020	<0.020	<0.020	0.021	<0.020	<0.020	<0.020	<0.020	0.021	<0.020	0.023	<0.020	<0.020	<0.020	0.026	<0.020	0.025	0.024	0.070	<0.020	<0.020	
Beryllium	mg/kg ww	0.10 to 1.0	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.20	<0.10	<0.10	
Bismuth	mg/kg ww	0.060 to 0.6	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.12	<0.060	<0.060	
Cadmium	mg/kg ww	0.0060 to 0.06	0.115	0.0733	0.181	0.230	0.240	0.128	0.154	0.107	0.120	0.165	0.155	0.312	0.219	0.255	0.212	0.119	0.0985	0.243	0.150	0.231	0.104	
Calcium	mg/kg ww	2.0 to 20	43.5	56.4	64.7	178	72.4	628	80.1	69.5	121	46.0	74.5	48.7	49.6	96.1	50.7	108	40.0	222	77.4	178	131	
Chromium	mg/kg ww	0.10 to 1.0	<0.10	<0.10	<0.10	<0.10	0.44	0.11	0.20	<0.10	<0.10	0.29	0.11	<0.10	0.15	0.22	<0.10	<0.10	0.13	<0.10	0.99	1.16	<0.10	
Cobalt	mg/kg ww	0.020 to 0.20	0.122	0.084	0.193	0.118	0.271	0.227	0.362	0.146	0.242	0.136	0.148	0.104	0.125	0.196	0.115	0.179	0.160	0.096	0.274	0.110	0.193	
Copper	mg/kg ww	0.040 to 0.40	16.8	5.56	27.5	62.2	29.1	8.10	20.4	27.6	18.3	17.3	18.5	8.86	17.6	6.16	23.3	12.4	11.4	21.0	50.1	18.2	9.20	
Iron	mg/kg ww	1.0 to 10	424	192	885	579	1440	484	587	261	226	618	355	522	493	603	597	508	378	943	914	1070	323	
Lead	mg/kg ww	0.020 to 0.20	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.040	<0.020	<0.020		
Lithium	mg/kg ww	0.10 to 1.0	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.20	<0.10	<0.10	
Magnesium	mg/kg ww	1.0 to 10	193	178	126	196	236	180	181	218	190	182	200	176	176	195	195	199	170	204	192	205	199	
Manganese	mg/kg ww	0.010 to 0.10	1.61	1.97	1.00	1.79	2.02	1.75	1.75	2.29	1.68	1.38	1.87	1.46	2.01	1.66	1.94	1.97	1.29	2.10	2.88	1.81	1.67	
Mercury	mg/kg ww	0.002	0.147	0.121	1.07	1.02	0.730	4.62	0.790	0.465	0.786	1.59	0.807	3.62	0.545	0.801	0.254	0.326	0.425	0.785	0.419	1.59	1.17	
Molybdenum	mg/kg ww	0.010 to 0.10	0.182	0.119	0.189	0.172	0.290	0.148	0.219	0.153	0.134	0.154	0.148	0.127	0.158	0.202	0.198	0.166	0.186	0.214	0.320	0.343	0.141	
Nickel	mg/kg ww	0.10 to 1.0	<0.10	<0.10	<0.10	<0.10	0.36	0.10	0.17	<0.10	<0.10	0.21	<0.10	<0.10	0.75	0.23	<0.10	<0.10	0.14	<0.10	0.67	1.02	<0.10	
Phosphorus	mg/kg ww	5.0 to 50	4,040	4,410	2,550	4,060	4,450	3,620	3,680	4,040	3,600	3,810	4,140	3,860	3,260	3,600	4,720	4,110	2,980	3,880	3,760	3,640	3,670	
Potassium	mg/kg ww	20 to 200	3,460	4,770	2,540	3,510	3,740	3,130	2,910	3,450	2,900	3,790	3,250	3,490	2,810	3,140	4,390	3,510	2,510	3,670	3,200	3,100	3,010	
Selenium	mg/kg ww	0.20 to 2.0	1.58	1.01	1.99	1.61	2.44	3.04	2.07	1.37	1.53	1.61	1.74	2.66	1.06	2.25	1.53	1.94	1.84	1.76	2.41	2.57	2.02	
Silver	mg/kg ww	0.050 0.50	0.130	<0.050	0.233	0.205	0.278	<0.050	0.137	0.090	0.105	0.103	0.148	<0.050	0.096	<0.050	0.095	0.067	0.090	0.160	0.31	0.164	<0.050	
Sodium	mg/kg ww	20 to 200	733	751	1,540	902	1,160	1,030	1,110	880	1,330	1,140	1,080	1,170	1,200	1,250	919	1,120	1,030	947	1,130	1,200	1,090	
Strontium	mg/kg ww	0.010 to 0.10	0.118																					

**Appendix B Table 5 Metal Concentrations in Lake Trout Liver Tissues from Kennedy Lake, Lake N16, and Lake 410, in 2004 (continued)**

Parameter	Units	Detection Limit	2004 LKTR LIVER L410-7 LIVER	2004 LKTR LIVER L410-8 LIVER	2004 LKTR LIVER KLA RELABELLED KL4 LIVER	2004 LKTR LIVER CL-LT-1-08-09-04 LIVER	2004 LKTR LIVER CL-LT-2-08-09-04 LIVER	2004 LKTR LIVER CL-LT-3-08-09-04 LIVER	2004 LKTR LIVER CL-LT-4-08-09-04 LIVER	2004 LKTR LIVER CL-LT-5-08-09-04 LIVER	2004 LKTR LIVER LT-CONT-AUG 12-#1 LIVER	2004 LKTR LIVER LT-CONT-AUG 12-#3 LIVER	2004 LKTR LIVER LT-CONT-AUG 12-#4 LIVER	2004 LKTR LIVER LT-CONT-AUG 12-#5 LIVER	2004 LKTR LIVER LT-CONT-AUG 12-#9 LIVER	2004 LKTR LIVER LT-CONT-AUG 12-#10 LIVER	2004 LKTR LIVER 410 LT-8-08-09-04	2004 LKTR LIVER 410 LT-10-08-09-04	2004 LKTR LIVER 410 LT-11-08-09-04	2004 LKTR LIVER LT-410-AUG 13-#1 LIVER	2004 LKTR LIVER LT-410-AUG 13-#2 LIVER	2004 LKTR LIVER LT-410-AUG 13-#3 LIVER	2004 LKTR LIVER LT-410-AUG 13-#4 LIVER	2004 LKTR LIVER LT-410-AUG 13-#5 LIVER
<b>Physical tests</b>																								
% Moisture	%	0.1	-	-	-	-	70.1	74.9	-	75.0	-	73.1	79.4	-	68.4	65.0	-	75.3	74.5	74.8	68.8	74.8	80.9	74.5
<b>Total Metal</b>																								
Aluminum	mg/kg ww	2.0 to 20	<2.0	2.0	<2.0	3.8	<2.0	<2.0	2.5	<2.0	<2.0	2.1	3.4	<2.0	<2.0	<2.0	<4.0	2.5	2.1	<2.0	<2.0	2.0	<2.0	
Antimony	mg/kg ww	0.04 to 0.10	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.020	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	
Arsenic	mg/kg ww	0.04 to 0.10	0.071	0.062	0.084	0.069	0.046	0.069	0.058	0.045	0.047	0.044	0.053	0.041	0.045	0.057	0.068	0.038	0.034	0.033	0.036	0.047	0.034	
Barium	mg/kg ww	0.020 to 0.20	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	0.067	<0.020	<0.020	<0.020	<0.040	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	
Beryllium	mg/kg ww	0.10 to 1.0	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.20	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	
Bismuth	mg/kg ww	0.060 to 0.6	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.12	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	
Cadmium	mg/kg ww	0.0060 to 0.06	0.103	0.145	0.156	0.340	0.225	0.252	0.157	0.136	0.0837	0.436	0.386	0.0859	0.291	0.111	0.059	0.118	0.114	0.0594	0.0725	0.163	0.0578	
Calcium	mg/kg ww	2.0 to 20	45.1	63.6	68.0	64.1	96.4	46.5	149	57.5	60.1	54.2	64.9	56.6	62.8	55.3	119	68.5	106	41.1	50.1	151	72.6	
Chromium	mg/kg ww	0.10 to 1.0	0.21	<0.10	0.24	0.18	0.20	0.16	<0.10	0.71	<0.10	0.13	0.17	0.54	0.13	<0.10	<0.20	0.35	<0.10	<0.10	0.20	<0.10	0.19	
Cobalt	mg/kg ww	0.020 to 0.20	0.195	0.269	0.156	0.242	0.251	0.248	0.336	0.266	0.188	0.308	0.247	0.119	0.133	0.185	0.075	0.192	0.115	0.155	0.090	0.075	0.108	
Copper	mg/kg ww	0.040 to 0.40	16.4	18.5	10.2	23.3	7.86	43.9	9.40	23.6	6.32	21.6	10.5	13.7	25.4	9.88	9.21	8.27	7.40	9.20	10.2	18.9	6.62	
Iron	mg/kg ww	1.0 to 10	347	620	513	968	1,570	1,000	822	529	244	1,220	1,630	214	1,000	160	201	719	539	313	285	460	176	
Lead	mg/kg ww	0.020 to 0.20	<0.020	<0.020	<0.020	0.102	0.039	0.064	0.108	0.225	0.059	0.020	<0.020	0.044	0.073	<0.040	0.070	0.022	<0.020	<0.020	<0.020	<0.020	0.023	
Lithium	mg/kg ww	0.10 to 1.0	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.20	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	
Magnesium	mg/kg ww	1.0 to 10	172	192	173	171	176	152	231	143	186	174	138	159	187	156	161	132	212	116	133	135	127	
Manganese	mg/kg ww	0.010 to 0.10	3.10	1.83	1.75	2.09	1.94	1.35	3.04	1.91	1.71	2.83	1.19	1.43	1.73	1.59	1.22	1.10	2.49	0.688	0.946	1.16	1.06	
Mercury	mg/kg ww	0.002	0.342	0.677	0.130	1.07	1.99	2.50	0.341	0.475	0.292	2.13	1.39	0.105	1.64	0.291	0.216	0.261	0.661	0.276	0.308	0.659	0.232	
Molybdenum	mg/kg ww	0.010 to 0.10	0.189	0.129	0.214	0.304	0.140	0.197	0.159	0.302	0.213	0.226	0.225	0.210	0.243	0.183	0.134	0.155	0.115	0.124	0.136	0.175	0.128	
Nickel	mg/kg ww	0.10 to 1.0	0.21	<0.10	0.18	<0.10	0.19	0.11	<0.10	0.62	<0.10	<0.10	<0.10	0.43	<0.10	<0.10	<0.20	0.27	<0.10	<0.10	0.17	<0.10	0.17	
Phosphorus	mg/kg ww	5.0 to 50	3570	3890	3720	3760	3410	2800	4180	2940	3640	3530	2700	2910	3450	2840	3490	2290	4110	2180	2430	2590	2280	
Potassium	mg/kg ww	20 to 200	2740	3400	2810	3450	2490	2750	3740	2720	3210	3310	2620	2610	3330	2340	2670	2100	3650	2370	2350	2340	2450	
Selenium	mg/kg ww	0.20 to 2.0	2.93	1.85	1.83	2.19	3.21	3.01	1.18	1.78	1.78	3.29	2.82	1.66	4.75	2.23	1.98	1.32	0.90	1.24	1.43	1.60	1.29	
Silver	mg/kg ww	0.050 to 0.50	0.109	0.149	0.078	0.158	<0.050	0.484	<0.050	0.177	0.													

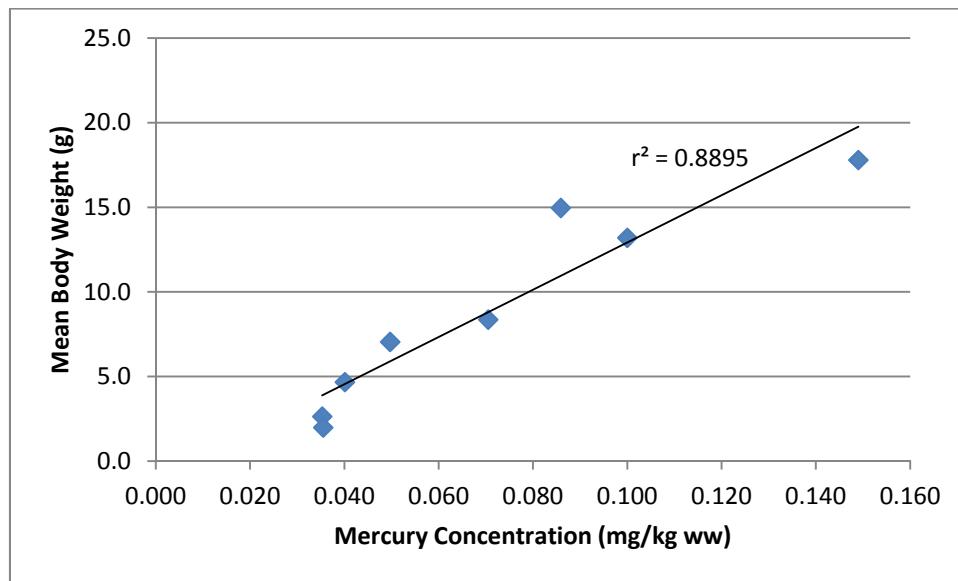
**Appendix B Table 5 Metal Concentrations in Lake Trout Liver Tissues from Kennedy Lake, Lake N16, and Lake 410, in 2004 (continued)**

Parameter	Units	Detection Limit	2004 LKTR LIVER LT-410-AUG 13-#6 LIVER	2004 LKTR LIVER KL-5 LIVER	2004 LKTR LIVER KL-AUG 14-#1 LIVER	2004 LKTR LIVER LT-KL-AUG 14-#2 LIVER	2004 LKTR LIVER LT-KL-AUG 14-#3 LIVER	2004 LKTR LIVER LT-KL-AUG 14-#4 LIVER	2004 LKTR LIVER LT-KL-9017-#5 LIVER	2004 LKTR LIVER LT-KL-9017-#1 LIVER	2004 LKTR LIVER LT-KL-9017-#2 LIVER	2004 LKTR LIVER LT-KL-9018-#3 LIVER	2004 LKTR LIVER LT-KL-9020-#1 LIVER	2004 LKTR LIVER LT-KL-9020-#2 LIVER	2004 LKTR LIVER LT-KL-9020-#3 LIVER	2004 LKTR LIVER LT-KL-9020-#4 LIVER	2004 LKTR LIVER LT-KL-9020-#5 LIVER	2004 LKTR LIVER LT-KL-9020-#6 LIVER	2004 LKTR LIVER LT-KL-9020-#7 LIVER	2004 LKTR LIVER LT-KL-9020-#8 LIVER	2004 LKTR LIVER LT-KL-9020-#12 LIVER	
<b>Physical tests</b>																						
% Moisture	%	0.1	-	70.4	81.1	81.6	76.9	78.7	81.0	75.8	75.3	78.7	78.5	78.5	71.3	77.0	73.9	-	75.9	-	-	76.1
<b>Total Metal</b>																						
Aluminum	mg/kg ww	2.0 to 20	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	9.3	<2.0	<2.0	4.5		
Antimony	mg/kg ww	0.04 to 0.10	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010		
Arsenic	mg/kg ww	0.04 to 0.10	0.040	0.043	0.043	0.042	0.049	0.052	0.054	0.050	0.039	0.068	0.043	0.042	0.039	0.047	0.049	0.058	0.055	0.051	0.049	0.052
Barium	mg/kg ww	0.020 to 0.20	<0.020	<0.020	0.027	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	0.041	<0.020	<0.020	<0.020	
Beryllium	mg/kg ww	0.10 to 1.0	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	
Bismuth	mg/kg ww	0.060 to 0.6	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	
Cadmium	mg/kg ww	0.0060 to 0.06	0.0404	0.179	0.132	0.0988	0.0849	0.117	0.175	0.256	0.111	0.334	0.167	0.115	0.104	0.0758	0.0323	0.317	0.256	0.145	0.157	0.117
Calcium	mg/kg ww	2.0 to 20	47.5	155	57.5	89.8	48.6	117	75.1	40.9	43.9	47.2	88.1	99.1	50.9	30.4	43.2	33.2	243	50.3	47.9	76.1
Chromium	mg/kg ww	0.10 to 1.0	<0.10	<0.10	0.41	0.24	<0.10	0.16	0.53	<0.10	0.14	<0.10	0.30	<0.10	<0.10	0.10	<0.10	0.18	0.16	<0.10	0.16	
Cobalt	mg/kg ww	0.020 to 0.20	0.088	0.123	0.150	0.361	0.113	0.104	0.151	0.165	0.129	0.212	0.065	0.081	0.107	0.059	0.069	0.130	0.288	0.154	0.148	0.194
Copper	mg/kg ww	0.040 to 0.40	9.58	24.0	6.69	7.83	12.0	8.90	10.8	36.5	18.9	6.63	24.3	6.51	25.1	8.84	4.04	10.3	11.5	16.1	7.03	8.41
Iron	mg/kg ww	1.0 to 10	170	399	603	266	379	519	606	1170	363	2680	763	199	193	242	126	942	1590	608	501	548
Lead	mg/kg ww	0.020 to 0.20	0.021	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	0.026	<0.020	<0.020	<0.020	<0.020	<0.020	0.061	0.029	<0.020	0.044	
Lithium	mg/kg ww	0.10 to 1.0	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	
Magnesium	mg/kg ww	1.0 to 10	150	159	150	188	190	167	176	197	193	190	153	150	160	144	137	174	179	182	193	185
Manganese	mg/kg ww	0.010 to 0.10	1.28	1.49	1.51	1.71	1.62	1.67	1.91	2.04	1.81	1.75	1.49	1.03	1.51	1.16	0.918	1.89	1.71	1.75	1.64	1.74
Mercury	mg/kg ww	0.002	0.178	1.51	0.0955	0.131	0.137	0.257	0.321	1.67	1.18	0.365	0.925	1.80	2.74	1.66	0.150	0.266	0.316	0.160	0.182	0.146
Molybdenum	mg/kg ww	0.010 to 0.10	0.123	0.186	0.183	0.078	0.184	0.191	0.228	0.213	0.117	0.287	0.165	0.080	0.157	0.101	0.104	0.211	0.276	0.183	0.204	0.236
Nickel	mg/kg ww	0.10 to 1.0	<0.10	<0.10	0.32	0.18	<0.10	0.14	0.42	<0.10	0.12	0.21	0.23	<0.10	<0.10	<0.10	<0.10	0.14	0.14	<0.10	0.13	
Phosphorus	mg/kg ww	5.0 to 50	2,800	3,000	3,850	3,260	3,170	2,860	3,070	3,650	3,530	3,440	3,280	2,900	3,990	3,270	2,460	3,680	3,560	3,750	4,220	3,530
Potassium	mg/kg ww	20 to 200	2,160	2,790	3,690	3,490	2,990	2,540	2,620	3,710	3,410	3,370	3,300	2,800	3,290	3,110	2,580	3,550	3,270	3,790	3,810	3,420
Selenium	mg/kg ww	0.20 to 2.0	1.61	4.48	1.33	0.66	1.99	1.42	1.76	5.46	3.57	1.91	2.14	2.21	3.80	2.00	1.84	1.42	3.65	1.36	1.67	2.39
Silver	mg/kg ww	0.050 to 0.50	<0.050	0.178	0.051	0.083	0.130	0.071	0.091	0.309	0.102	0.055	0.312	<0.050	0.165	<0.050	<0.050	0.111	0.159	0.192	0.069	0.062
Sodium	mg/kg ww	20 to 200	1,190	1,040	1,460	1,480	1,470	1,560	1,640	794	1,100	1,330	1,200	1,310	1,130	1,110	1,220	873	1,080	1,000	927	806
Strontium	mg/kg ww	0.010 to 0.10	0.167	0.250	0.181	0.149	0.151	0.312	0.181	0.065	0.084	0.094	0.167	0.162	0.087	0.069	0.156	0.081	0.378	0.107	0.110	0.152
Thallium																						

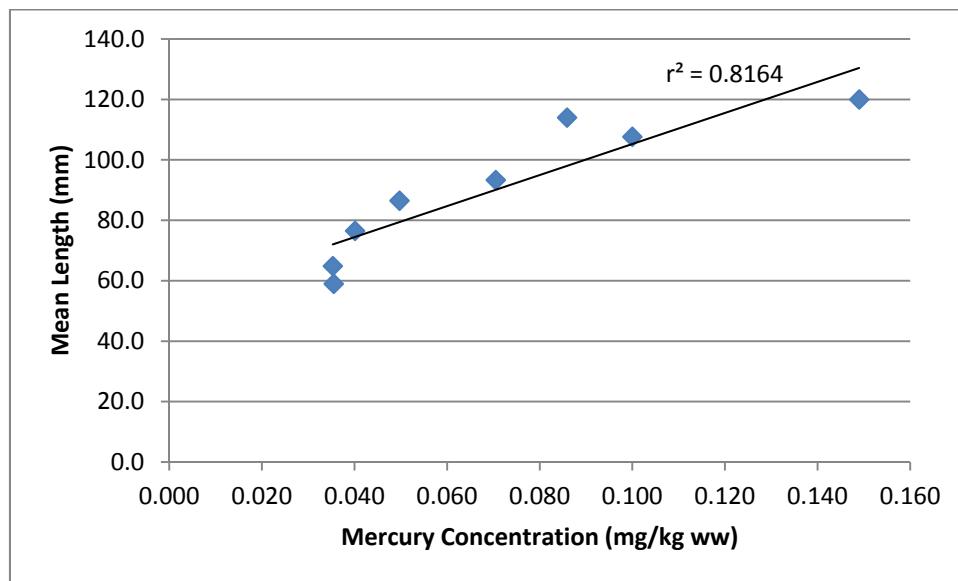
## APPENDIX C

### Mercury Comparison Plots

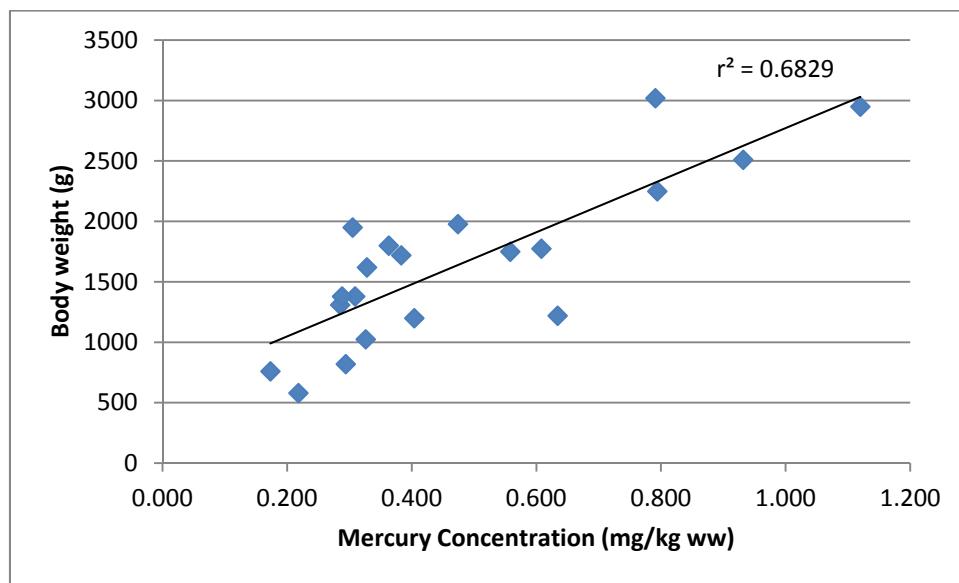
Appendix Figure 1 Whole Body Mercury Concentrations versus Mean Body Weight of Lake Chub ( $n = 8$ ) Captured in Lake N11, July 2011.



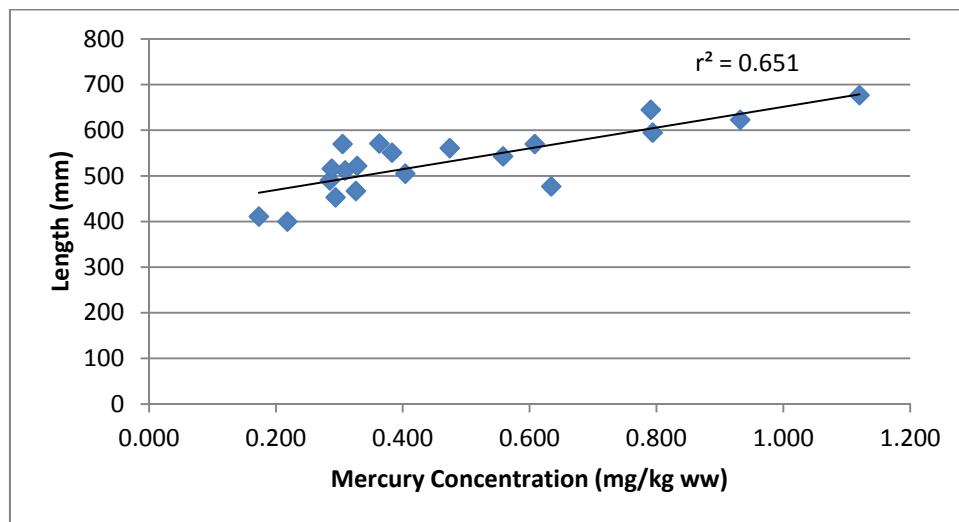
Appendix Figure 2 Whole Body Mercury Concentrations versus Mean Length of Lake Chub ( $n = 8$ ) Captured in Lake N11, July 2011.



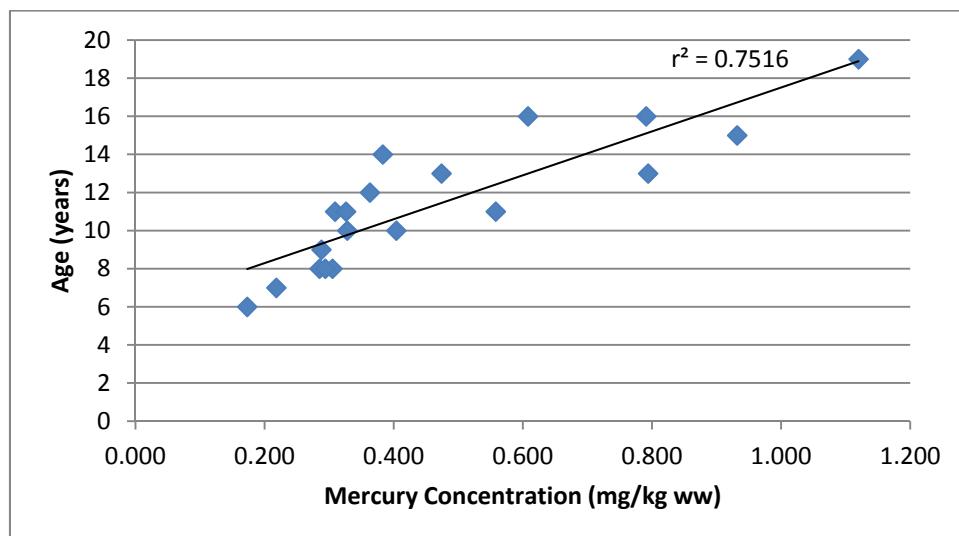
Appendix Figure 3 Mercury Concentrations in Muscle Tissue versus Body Weight of Lake Trout ( $n = 20$ )  
Captured in Lake N11, July 2011.



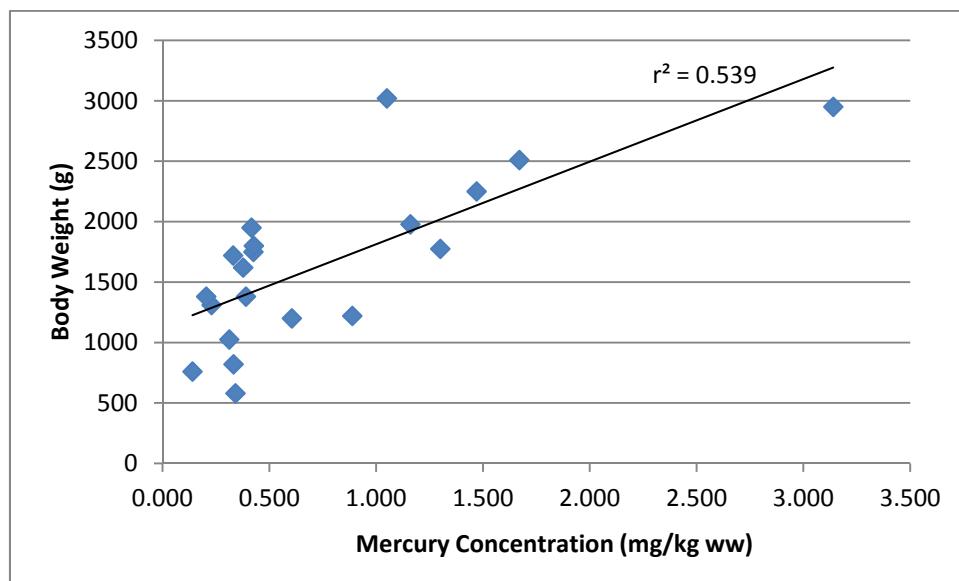
Appendix Figure 4 Mercury Concentrations in Muscle Tissue versus Length of Lake Trout Captured ( $n = 20$ ) in Lake N11, July 2011.



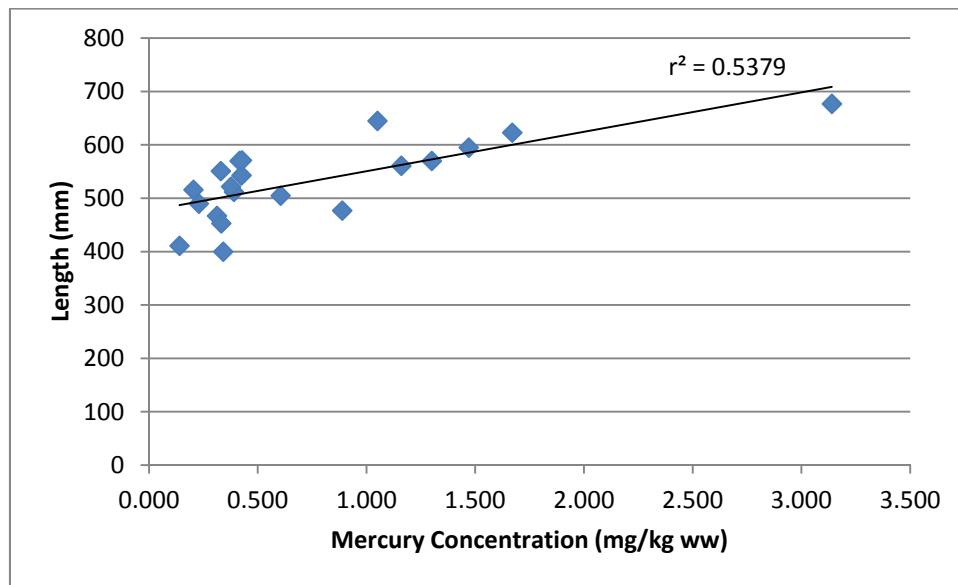
Appendix Figure 5 Mercury Concentrations in Muscle Tissue versus Age of Lake Trout ( $n = 19$ ) Captured in Lake N11, July 2011.



Appendix Figure 6 Mercury Concentrations in Liver Tissue versus Body Weight of Lake Trout ( $n = 20$ ) Captured in Lake N11, July 2011.



Appendix Figure 7 Mercury Concentrations in Liver Tissue versus Length of Lake Trout ( $n = 20$ ) Captured in Lake N11, July 2011.



Appendix Figure 8 Mercury Concentrations in Liver Tissue versus Age of Lake Trout ( $n = 19$ ) Captured in Lake N11, July 2011.

