

REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: December 1, 2005

GROUP NUMBER: 60907082

Conventional Parameters in Tissue

CLIENT SAMPLE IDENTIFICATION:	SAMPLE DATE	CANTEST ID	Moisture
CLM1-A1-1	Sep 1/05	509070370	52.1
CLM1-A2-1	Sep 1/05	509070373	53.0
CLM1-A3-1	Sep 1/05	509070374	48.2
CLM1-A4-1	Sep 1/05	509070375	51.2
CLM1-A5-1	Sep 1/05	509070376	46.7
CLM1-B1-1	Sep 1/05	509070377	45.4
CLM1-B2-1	Sep 1/05	509070378	24.7
CLM1-B3-1	Sep 1/05	509070379	31.3
CLM1-B4-1	Sep 1/05	509070380	42.9
CLM1-B5-1	Sep 1/05	509070381	54.5
CLM1-K2-2	Sep 1/05	509070382	48.6
CLM1-K4-1	Sep 1/05	509070384	58.2
CLM1-K5-1	Sep 1/05	509070386	63.1
CLM1-N1-1	Sep 1/05	509070388	55.0
CLM1-N2-1	Sep 1/05	509070389	59.0
CLM1-N3-1	Sep 1/05	509070390	54.4
CLM1-N4-1	Sep 1/05	509070391	52.2
CLM1-N5-1	Sep 1/05	509070392	40.3
CLM1-J1-1	Sep 1/05	509070393	51.9
CLM1-J2-1	Sep 1/05	509070394	58.2
CLM1-E2-1	Sep 1/05	509070395	37.0
CLM1-C1-1	Sep 1/05	509070396	63.6
CLM1-C2-1	Sep 1/05	509070397	59.3
CLM1-C2-2	Sep 1/05	509070398	61.2
CLM1-C3-1	Sep 1/05	509070399	66.4
CLM1-C4-1	Sep 1/05	509070400	57.8
CLM1-C5-1	Sep 1/05	509070401	65.5
CLM1-DomeR5-1	Sep 1/05	509070402	43.7
CLM1-DomeR7-1	Sep 1/05	509070403	66.8
CLM1-K2-1	Sep 1/05	509070404	47.1
CLM1-F1-1	Sep 1/05	509070405	64.4
CLM1-F1-2	Sep 1/05	509070406	59.1
CLM1-F2-1	Sep 1/05	509070407	62.2
CLM1-F3-1	Sep 1/05	509070408	61.8
CLM1-G1-1	Sep 1/05	509070409	53.9
CLM1-G2-1	Sep 1/05	509070410	62.9
CLM1-G3-1	Sep 1/05	509070411	60.4
CLM1-FG-4	Sep 1/05	509070412	60.5

(Continued on next page)

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CLIENT SAMPLE IDENTIFICATION:	SAMPLE DATE	CANTEST ID	Moisture
CLM1-H1-1	Sep 1/05	509070413	61.5
CLM1-H2-1	Sep 1/05	509070414	52.0
CLM1-H3-1	Sep 1/05	509070415	60.2
CLM1-H4-1	Sep 1/05	509070416	57.7
CLM1-H5-1	Sep 1/05	509070417	49.1
CLM1-I1-1	Sep 1/05	509070418	51.1
CLM1-I2-1	Sep 1/05	509070419	61.3
CLM1-I3-1	Sep 1/05	509070420	62.8
CLM1-I4-1	Sep 1/05	509070421	52.7
CLM1-I4-2	Sep 1/05	509070422	62.4
CLM1-I5-1	Sep 1/05	509070423	62.1
CLM1-O1-1	Sep 1/05	509070424	60.8
CLM1-P2-1	Sep 1/05	509070425	54.3
CLM1-P3-1	Sep 1/05	509070426	54.6
CLM1-P4-1	Sep 1/05	509070427	57.8
CLM1-P5-1	Sep 1/05	509070428	61.3
CLM1-Q3-1	Sep 1/05	509070429	49.1
CLM1-Q4-1	Sep 1/05	509070431	48.0
CLM1-Q5-1	Sep 1/05	509070432	50.4
CLM1-R1-1	Sep 1/05	509070433	44.7
CLM1-R2-1	Sep 1/05	509070436	54.4
CLM1-CP1-2	Sep 1/05	509070437	61.2
CLM1-O2-1	Sep 1/05	509070438	55.5
CLM1-O2-2	Sep 1/05	509070440	55.5
CLM1-O3-1	Sep 1/05	509070441	57.1
CLM1-L3-1	Sep 1/05	509070442	55.8
CLM1-CP2-1	Sep 1/05	509070443	64.6
CLM1-CP3-1	Sep 1/05	509070444	49.2
CLM1-CP4-1	Sep 1/05	509070445	58.8
CLM1-CP7-1	Sep 1/05	509070447	60.0
CLM1-CP8-1	Sep 1/05	509070448	63.3
CLM1-P1-1	Sep 1/05	509070449	54.3
CLM1-J2-2	Sep 1/05	509070450	55.2
CLM1-J3-1	Sep 1/05	509070451	58.6
CLM1-J4-1	Sep 1/05	509070452	59.1
CLM1-J5-1	Sep 1/05	509070453	59.0
DETECTION LIMIT UNITS			0.1 %

% = percent

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CLIENT SAMPLE IDENTIFICATION:		CLM1-A1-1	CLM1-A2-1	CLM1-A3-1	CLM1-A4-1	
DATE SAMPLED:		Sep 1/05	Sep 1/05	Sep 1/05	Sep 1/05	
CANTEST ID:		509070370	509070373	509070374	509070375	DETECTION LIMIT
Aluminum	Al	439	246	219	186	0.5
Antimony	Sb	0.2	0.2	0.2	<	0.1
Arsenic	As	2.2	1.6	1.8	1.2	0.1
Barium	Ba	18.5	11.9	12.7	8.7	0.1
Beryllium	Be	0.02	<	<	<	0.02
Boron	B	18	18	15	14	2
Cadmium	Cd	0.55	0.20	0.44	0.54	0.02
Calcium	Ca	3360	1900	1640	1530	1
Chromium	Cr	1.2	0.8	0.7	0.6	0.1
Cobalt	Co	0.4	0.2	0.2	0.2	0.1
Copper	Cu	3.0	2.3	2.0	1.9	0.1
Iron	Fe	811	431	409	316	5
Lead	Pb	2.0	1.4	1.6	1.2	0.1
Magnesium	Mg	646	705	559	697	0.5
Manganese	Mn	250	374	446	188	0.1
Mercury	Hg	0.031	0.025	0.023	0.038	0.02
Molybdenum	Mo	0.8	0.8	0.7	0.7	0.1
Nickel	Ni	1.0	0.7	0.7	0.6	0.1
Phosphorus	P	2620	2840	2330	3270	0.5
Potassium	K	2940	2650	2140	2630	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	476	589	474	420	10
Silver	Ag	0.25	0.22	0.23	0.16	0.01
Sodium	Na	111	90	86	63	1
Strontium	Sr	8.27	4.86	3.76	5.84	0.05
Tellurium	Te	0.4	0.3	0.3	0.3	0.1
Thallium	Tl	<	<	<	<	0.02
Tin	Sn	0.2	0.2	0.1	<	0.1
Titanium	Ti	36.9	18.1	15.0	11.2	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	2.0	1.2	1.0	0.9	0.5
Zinc	Zn	24.9	31.4	22.9	30.4	0.5
Zirconium	Zr	<	<	<	<	3

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CLIENT SAMPLE IDENTIFICATION:		CLM1-A5-1	CLM1-B1-1	CLM1-B2-1	CLM1-B3-1	
DATE SAMPLED:		Sep 1/05	Sep 1/05	Sep 1/05	Sep 1/05	DETECTION LIMIT
CANTEST ID:		509070376	509070377	509070378	509070379	
Aluminum	Al	266	198	140	160	0.5
Antimony	Sb	0.3	3.5	0.2	<	0.1
Arsenic	As	3.5	36.9	2.3	1.2	0.1
Barium	Ba	10.4	7.3	5.9	8.9	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	13	11	7	7	2
Cadmium	Cd	0.45	1.07	0.29	0.22	0.02
Calcium	Ca	1620	1060	1070	1220	1
Chromium	Cr	0.8	0.7	0.5	0.6	0.1
Cobalt	Co	0.2	0.2	0.1	0.2	0.1
Copper	Cu	2.3	10.6	1.5	1.4	0.1
Iron	Fe	511	933	280	302	5
Lead	Pb	2.3	39.4	1.9	1.1	0.1
Magnesium	Mg	507	404	359	366	0.5
Manganese	Mn	229	255	297	264	0.1
Mercury	Hg	0.026	0.034	0.019	0.020	0.01
Molybdenum	Mo	0.7	0.6	0.6	0.6	0.1
Nickel	Ni	0.8	0.5	0.4	0.5	0.1
Phosphorus	P	1970	1400	1140	1580	0.5
Potassium	K	1660	2040	1340	1580	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	443	361	298	346	10
Silver	Ag	0.21	0.92	0.13	0.14	0.01
Sodium	Na	62	34	23	22	1
Strontium	Sr	4.36	2.78	2.70	2.68	0.05
Tellurium	Te	0.3	0.3	0.2	0.3	0.1
Thallium	Tl	<	<	<	0.02	0.02
Tin	Sn	0.2	0.2	0.7	0.4	0.1
Titanium	Ti	17.3	12.3	9.6	11.2	0.3
Uranium	U	<	<	0.06	0.05	0.04
Vanadium	V	1.2	1.0	0.7	0.8	0.5
Zinc	Zn	29.9	63.9	35.6	25.6	0.5
Zirconium	Zr	<	<	<	<	3

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CLIENT SAMPLE IDENTIFICATION:		CLM1-B4-1	CLM1-B5-1	CLM1-K2-2	CLM1-K4-1	
DATE SAMPLED:		Sep 1/05	Sep 1/05	Sep 1/05	Sep 1/05	
CANTEST ID:		509070380	509070381	509070382	509070384	DETECTION LIMIT
Aluminum	Al	199	160	386	283	0.5
Antimony	Sb	0.2	<	2.2	0.5	0.1
Arsenic	As	1.4	0.5	18.7	4.8	0.1
Barium	Ba	7.3	11.8	12.3	9.4	0.1
Beryllium	Be	0.02	<	<	<	0.02
Boron	B	9	10	10	9	2
Cadmium	Cd	0.32	0.39	0.84	0.47	0.02
Calcium	Ca	1100	2470	3040	3120	1
Chromium	Cr	0.7	1.3	1.0	1.0	0.1
Cobalt	Co	0.2	0.2	0.3	0.3	0.1
Copper	Cu	1.6	6.6	3.8	2.6	0.1
Iron	Fe	350	446	989	613	5
Lead	Pb	1.3	1.1	15.1	3.4	0.1
Magnesium	Mg	326	518	751	755	0.5
Manganese	Mn	215	605	87.3	153	0.1
Mercury	Hg	0.033	0.034	0.027	0.034	0.01
Molybdenum	Mo	0.7	0.8	0.8	0.8	0.1
Nickel	Ni	0.5	1.0	0.7	0.7	0.1
Phosphorus	P	1880	3500	2610	2740	0.5
Potassium	K	1610	3150	2610	2380	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	366	440	482	684	10
Silver	Ag	0.18	0.07	2.03	0.43	0.01
Sodium	Na	55	54	51	44	1
Strontium	Sr	2.79	3.68	10.3	6.15	0.05
Tellurium	Te	0.3	0.3	0.3	0.3	0.1
Thallium	Tl	<	<	0.02	<	0.02
Tin	Sn	0.3	0.3	0.3	0.2	0.1
Titanium	Ti	13.2	10.8	21.6	17.9	0.3
Uranium	U	0.04	<	<	0.05	0.04
Vanadium	V	0.9	0.9	1.8	1.3	0.5
Zinc	Zn	18.2	34.3	48.5	36.3	0.5
Zirconium	Zr	<	<	<	<	3

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CLIENT SAMPLE IDENTIFICATION:		CLM1-K5-1	CLM1-N1-1	CLM1-N2-1	CLM1-N3-1	
DATE SAMPLED:		Sep 1/05	Sep 1/05	Sep 1/05	Sep 1/05	
CANTEST ID:		509070386	509070388	509070389	509070390	DETECTION LIMIT
Aluminum	Al	305	267	203	366	0.5
Antimony	Sb	0.3	0.8	0.5	0.7	0.1
Arsenic	As	2.5	8.3	5.2	5.2	0.1
Barium	Ba	14.9	8.8	11.1	6.1	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	9	8	7	8	2
Cadmium	Cd	0.88	1.29	1.49	0.48	0.02
Calcium	Ca	2570	1970	2780	1420	1
Chromium	Cr	1.0	0.8	0.6	0.8	0.1
Cobalt	Co	0.3	0.2	0.2	0.2	0.1
Copper	Cu	3.1	3.3	2.8	2.9	0.1
Iron	Fe	538	651	465	542	5
Lead	Pb	2.2	7.9	5.4	4.6	0.1
Magnesium	Mg	952	640	719	565	0.5
Manganese	Mn	419	299	180	176	0.1
Mercury	Hg	0.064	0.035	0.040	0.031	0.02
Molybdenum	Mo	0.9	0.8	0.8	1.0	0.1
Nickel	Ni	1.0	0.7	0.7	0.7	0.1
Phosphorus	P	4940	3270	3890	2770	0.5
Potassium	K	3470	3030	3550	2350	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	547	467	715	521	10
Silver	Ag	0.24	0.51	0.39	0.89	0.01
Sodium	Na	82	65	33	53	1
Strontium	Sr	7.80	4.60	9.67	6.73	0.05
Tellurium	Te	0.3	0.4	0.3	0.3	0.1
Thallium	Tl	<	<	<	<	0.02
Tin	Sn	0.4	0.3	0.2	0.2	0.1
Titanium	Ti	19.0	12.2	10.3	16.1	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	1.3	1.1	1.0	1.2	0.5
Zinc	Zn	57.8	61.2	97.5	27.8	0.5
Zirconium	Zr	<	<	<	<	3

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CLIENT SAMPLE IDENTIFICATION:		CLM1-N4-1	CLM1-N5-1	CLM1-J1-1	CLM1-J2-1	
DATE SAMPLED:		Sep 1/05	Sep 1/05	Sep 1/05	Sep 1/05	
CANTEST ID:		509070391	509070392	509070393	509070394	DETECTION LIMIT
Aluminum	Al	326	179	175	248	0.5
Antimony	Sb	0.6	0.3	2.0	1.6	0.1
Arsenic	As	4.9	2.4	16.6	12.3	0.1
Barium	Ba	6.5	11.4	11.8	11.9	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	9	4	6	10	2
Cadmium	Cd	0.40	0.30	0.91	0.85	0.02
Calcium	Ca	1600	1120	2850	2610	1
Chromium	Cr	1.0	0.6	0.6	0.9	0.1
Cobalt	Co	0.3	0.2	0.2	0.2	0.1
Copper	Cu	2.6	1.6	3.3	3.3	0.1
Iron	Fe	486	343	528	602	5
Lead	Pb	4.7	2.2	12.6	11.0	0.1
Magnesium	Mg	569	385	1010	705	0.5
Manganese	Mn	213	147	205	278	0.1
Mercury	Hg	0.039	0.027	0.032	0.045	0.01
Molybdenum	Mo	0.9	0.5	0.7	0.9	0.1
Nickel	Ni	0.7	0.5	0.5	0.7	0.1
Phosphorus	P	2850	2250	3590	2450	0.5
Potassium	K	2420	1700	3630	2760	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	444	318	556	579	10
Silver	Ag	0.78	0.35	0.88	1.52	0.01
Sodium	Na	74	22	49	44	1
Strontium	Sr	7.59	3.76	8.45	6.78	0.05
Tellurium	Te	0.3	0.2	0.3	0.4	0.1
Thallium	Tl	<	0.03	0.03	0.03	0.02
Tin	Sn	0.2	0.5	0.5	0.5	0.1
Titanium	Ti	13.8	12.3	9.8	13.9	0.3
Uranium	U	<	0.05	0.06	0.05	0.04
Vanadium	V	1.1	0.8	1.0	1.2	0.5
Zinc	Zn	26.0	23.7	38.7	57.1	0.5
Zirconium	Zr	<	<	<	<	3

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CLIENT SAMPLE IDENTIFICATION:		CLM1-E2-1	CLM1-C1-1	CLM1-C2-1	CLM1-C2-2	
DATE SAMPLED:		Sep 1/05	Sep 1/05	Sep 1/05	Sep 1/05	DETECTION LIMIT
CANTEST ID:		509070395	509070396	509070397	509070398	
Aluminum	Al	312	396	275	271	0.5
Antimony	Sb	0.3	2.4	1.4	1.5	0.1
Arsenic	As	3.4	26.6	15.6	16.1	0.1
Barium	Ba	10.6	12.6	18.5	13.5	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	5	7	6	6	2
Cadmium	Cd	0.36	0.48	0.68	0.58	0.02
Calcium	Ca	1600	1610	2150	2220	1
Chromium	Cr	0.9	1.1	0.8	0.8	0.1
Cobalt	Co	0.3	0.4	0.3	0.3	0.1
Copper	Cu	2.0	14.6	8.4	10.5	0.1
Iron	Fe	635	1060	709	709	5
Lead	Pb	2.2	18.2	11.9	13.5	0.1
Magnesium	Mg	510	708	691	793	0.5
Manganese	Mn	104	368	278	275	0.1
Mercury	Hg	0.025	0.050	0.039	< 0.02	0.01
Molybdenum	Mo	0.6	1.2	0.9	1.1	0.1
Nickel	Ni	0.7	0.9	0.9	0.8	0.1
Phosphorus	P	1660	2320	2950	2650	0.5
Potassium	K	1810	3590	2930	3070	1
Selenium	Se	<	0.5	<	<	0.2
Silicon	Si	362	546	473	464	10
Silver	Ag	0.23	0.73	0.48	0.42	0.01
Sodium	Na	21	48	42	39	1
Strontium	Sr	4.74	4.70	8.92	6.44	0.05
Tellurium	Te	0.3	0.5	0.4	0.4	0.1
Thallium	Tl	<	0.03	0.02	<	0.02
Tin	Sn	0.3	0.4	0.3	0.3	0.1
Titanium	Ti	24.6	24.5	18.4	16.9	0.3
Uranium	U	<	0.04	<	<	0.04
Vanadium	V	1.5	1.8	1.4	1.3	0.5
Zinc	Zn	20.6	57.9	39.1	34.3	0.5
Zirconium	Zr	<	<	<	<	3

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CLIENT SAMPLE IDENTIFICATION:		CLM1-C3-1	CLM1-C4-1	CLM1-C5-1	CLM1-DomeR 5-1	
DATE SAMPLED:		Sep 1/05	Sep 1/05	Sep 1/05	Sep 1/05	
CANTEST ID:		509070399	509070400	509070401	509070402	DETECTION LIMIT
Aluminum	Al	397	247	161	353	0.5
Antimony	Sb	1.1	0.4	<	0.5	0.1
Arsenic	As	11.5	3.3	0.9	3.5	0.1
Barium	Ba	10.4	16.0	21.1	11.6	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	7	6	8	4	2
Cadmium	Cd	0.66	0.31	0.36	0.26	0.02
Calcium	Ca	1870	2050	2890	5230	1
Chromium	Cr	1.3	0.8	0.7	0.9	0.1
Cobalt	Co	0.4	0.2	0.2	0.4	0.1
Copper	Cu	6.6	2.7	2.6	2.2	0.1
Iron	Fe	908	486	318	648	5
Lead	Pb	8.3	2.8	1.1	2.6	0.1
Magnesium	Mg	771	690	1090	1010	0.5
Manganese	Mn	404	380	555	174	0.1
Mercury	Hg	< 0.03	0.039	0.053	<	0.01
Molybdenum	Mo	1.2	1.1	1.3	0.7	0.1
Nickel	Ni	1.1	0.6	0.7	0.7	0.1
Phosphorus	P	2840	3070	4990	2630	0.5
Potassium	K	3360	2800	4090	2330	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	589	512	725	507	10
Silver	Ag	0.61	0.19	0.14	0.46	0.01
Sodium	Na	39	30	32	42	1
Strontium	Sr	4.31	4.15	6.91	13.7	0.05
Tellurium	Te	0.5	0.4	0.6	0.3	0.1
Thallium	Tl	<	<	<	<	0.02
Tin	Sn	0.2	0.2	0.3	0.1	0.1
Titanium	Ti	27.5	16.8	11.0	26.9	0.3
Uranium	U	<	<	<	0.04	0.04
Vanadium	V	1.9	1.2	1.0	1.6	0.5
Zinc	Zn	42.9	43.2	54.2	24.3	0.5
Zirconium	Zr	<	<	<	<	3

Results expressed as micrograms per gram, dry basis (µg/g)

< = Less than detection limit

REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: December 1, 2005

GROUP NUMBER: 60907082

**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		CLM1-DomeR 7-1	CLM1-K2-1	CLM1-F1-1	CLM1-F1-2	DETECTION LIMIT
DATE SAMPLED:		Sep 1/05	Sep 1/05	Sep 1/05	Sep 1/05	
CANTEST ID:		509070403	509070404	509070405	509070406	
Aluminum	Al	247	215	1300	910	0.5
Antimony	Sb	0.9	1.0	0.9	0.4	0.1
Arsenic	As	13.4	8.9	7.2	3.8	0.1
Barium	Ba	12.7	8.9	20.7	21.4	0.1
Beryllium	Be	<	0.03	0.05	0.04	0.02
Boron	B	9	4	5	6	2
Cadmium	Cd	1.05	0.63	0.64	0.43	0.02
Calcium	Ca	3180	2530	1650	1650	1
Chromium	Cr	0.9	0.6	2.7	1.9	0.1
Cobalt	Co	0.3	0.2	0.8	0.6	0.1
Copper	Cu	3.2	2.5	4.0	4.0	0.1
Iron	Fe	798	514	1880	1330	5
Lead	Pb	7.6	7.0	6.4	3.3	0.1
Magnesium	Mg	866	582	874	813	0.5
Manganese	Mn	199	90.0	111	167	0.1
Mercury	Hg	< 0.03	<	< 0.03	<	0.02
Molybdenum	Mo	1.2	0.8	1.3	1.0	0.1
Nickel	Ni	0.8	0.4	1.9	1.6	0.1
Phosphorus	P	3870	2160	2560	3410	0.5
Potassium	K	3400	2220	2680	3340	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	687	454	725	566	10
Silver	Ag	1.29	0.81	0.87	0.52	0.01
Sodium	Na	64	25	45	35	1
Strontium	Sr	7.92	8.05	6.25	5.84	0.05
Tellurium	Te	0.6	0.4	0.6	0.5	0.1
Thallium	Tl	<	0.03	0.04	0.03	0.02
Tin	Sn	1.4	0.5	0.6	0.4	0.1
Titanium	Ti	14.5	13.2	97.3	67.7	0.3
Uranium	U	0.11	0.05	0.10	0.06	0.04
Vanadium	V	1.4	1.1	4.9	3.6	0.5
Zinc	Zn	99.1	27.8	29.3	29.6	0.5
Zirconium	Zr	<	<	<	<	3

Results expressed as micrograms per gram, dry basis (µg/g)

< = Less than detection limit

REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: December 1, 2005

GROUP NUMBER: 60907082

**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		CLM1-F2-1	CLM1-F3-1	CLM1-G1-1	CLM1-G2-1	
DATE SAMPLED:		Sep 1/05	Sep 1/05	Sep 1/05	Sep 1/05	DETECTION LIMIT
CANTEST ID:		509070407	509070408	509070409	509070410	
Aluminum	Al	757	265	256	241	0.5
Antimony	Sb	1.0	0.7	2.9	1.6	0.1
Arsenic	As	8.0	6.2	22.6	14.5	0.1
Barium	Ba	18.8	11.1	11.6	10.4	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	4	3	5	4	2
Cadmium	Cd	0.38	0.45	0.72	0.80	0.02
Calcium	Ca	2040	1890	2480	2620	1
Chromium	Cr	1.7	0.7	0.7	0.7	0.1
Cobalt	Co	0.5	0.3	0.2	0.2	0.1
Copper	Cu	3.3	2.6	4.4	4.0	0.1
Iron	Fe	1320	523	730	579	5
Lead	Pb	7.5	5.5	22.3	17.8	0.1
Magnesium	Mg	797	617	643	672	0.5
Manganese	Mn	203	378	148	130	0.1
Mercury	Hg	< 0.03	<	<	< 0.03	0.02
Molybdenum	Mo	1.1	0.5	1.0	1.0	0.1
Nickel	Ni	1.3	0.8	0.6	0.6	0.1
Phosphorus	P	2800	2570	2260	2560	0.5
Potassium	K	2420	2790	2590	2910	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	714	631	619	610	10
Silver	Ag	0.88	0.87	3.10	2.42	0.01
Sodium	Na	39	21	52	32	1
Strontium	Sr	7.85	4.99	6.22	7.21	0.05
Tellurium	Te	0.4	<	0.3	0.3	0.1
Thallium	Tl	<	<	<	<	0.02
Tin	Sn	0.5	0.2	0.2	0.2	0.1
Titanium	Ti	57.4	16.9	15.0	13.3	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	3.1	1.2	1.3	1.2	0.5
Zinc	Zn	32.3	41.2	58.4	57.9	0.5
Zirconium	Zr	<	<	<	<	3

Results expressed as micrograms per gram, dry basis (µg/g)

< = Less than detection limit

REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: December 1, 2005

GROUP NUMBER: 60907082

**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		CLM1-G3-1	CLM1-FG-4	CLM1-H1-1	CLM1-H2-1	
DATE SAMPLED:		Sep 1/05	Sep 1/05	Sep 1/05	Sep 1/05	
CANTEST ID:		509070411	509070412	509070413	509070414	DETECTION LIMIT
Aluminum	Al	195	250	180	235	0.5
Antimony	Sb	0.7	0.9	2.2	3.5	0.1
Arsenic	As	6.4	7.3	29.4	34.0	0.1
Barium	Ba	10.3	17.0	15.1	13.5	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	3	5	3	4	2
Cadmium	Cd	0.49	1.02	0.90	0.62	0.02
Calcium	Ca	1720	2750	2990	2450	1
Chromium	Cr	0.6	0.7	0.6	0.7	0.1
Cobalt	Co	0.2	0.2	0.2	0.3	0.1
Copper	Cu	3.0	3.1	4.3	4.7	0.1
Iron	Fe	400	529	529	786	5
Lead	Pb	6.1	5.8	21.5	26.9	0.1
Magnesium	Mg	640	744	1060	901	0.5
Manganese	Mn	248	501	553	422	0.1
Mercury	Hg	< 0.03	<	< 0.03	<	0.02
Molybdenum	Mo	0.9	0.9	0.9	1.0	0.1
Nickel	Ni	0.7	0.9	0.6	0.7	0.1
Phosphorus	P	3640	2600	4540	3050	0.5
Potassium	K	3550	2850	4490	2830	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	506	638	555	506	10
Silver	Ag	0.65	1.15	1.03	1.34	0.01
Sodium	Na	25	33	68	50	1
Strontium	Sr	4.32	8.84	6.76	6.81	0.05
Tellurium	Te	0.3	0.3	0.4	0.4	0.1
Thallium	Tl	<	<	<	0.05	0.02
Tin	Sn	0.3	0.2	0.2	1.3	0.1
Titanium	Ti	12.4	16.0	9.7	12.0	0.3
Uranium	U	<	<	<	0.10	0.04
Vanadium	V	1.1	1.2	1.0	1.2	0.5
Zinc	Zn	31.2	53.4	57.5	52.1	0.5
Zirconium	Zr	<	<	<	<	3

Results expressed as micrograms per gram, dry basis (µg/g)

< = Less than detection limit

REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: December 1, 2005

GROUP NUMBER: 60907082

**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		CLM1-H3-1	CLM1-H4-1	CLM1-H5-1	CLM1-I1-1	
DATE SAMPLED:		Sep 1/05	Sep 1/05	Sep 1/05	Sep 1/05	
CANTEST ID:		509070415	509070416	509070417	509070418	DETECTION LIMIT
Aluminum	Al	249	198	135	170	0.5
Antimony	Sb	1.6	0.4	<	1.3	0.1
Arsenic	As	14.5	3.2	0.6	12.4	0.1
Barium	Ba	12.0	11.5	13.0	9.7	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	<	<	<	<	2
Cadmium	Cd	0.68	0.68	0.70	0.76	0.02
Calcium	Ca	2140	2160	1910	2350	1
Chromium	Cr	0.8	0.7	0.4	0.5	0.1
Cobalt	Co	0.3	0.2	0.2	0.2	0.1
Copper	Cu	3.3	2.1	1.5	3.1	0.1
Iron	Fe	589	409	257	427	5
Lead	Pb	14.2	2.6	0.7	11.0	0.1
Magnesium	Mg	720	1020	509	844	0.5
Manganese	Mn	451	467	170	394	0.1
Mercury	Hg	< 0.03	< 0.03	<	<	0.02
Molybdenum	Mo	1.0	0.9	0.7	0.7	0.1
Nickel	Ni	0.8	0.7	0.5	0.6	0.1
Phosphorus	P	3870	3680	2700	4130	0.5
Potassium	K	3080	2790	2220	3290	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	688	491	481	400	10
Silver	Ag	1.09	0.43	0.16	1.37	0.01
Sodium	Na	90	50	40	33	1
Strontium	Sr	5.21	7.29	6.21	6.29	0.05
Tellurium	Te	0.4	0.4	0.3	0.3	0.1
Thallium	Tl	<	<	<	<	0.02
Tin	Sn	0.5	0.3	0.2	0.2	0.1
Titanium	Ti	13.3	13.3	9.0	9.3	0.3
Uranium	U	0.06	<	<	<	0.04
Vanadium	V	1.2	1.0	0.7	0.9	0.5
Zinc	Zn	56.5	44.4	47.6	41.7	0.5
Zirconium	Zr	<	<	<	<	3

Results expressed as micrograms per gram, dry basis (µg/g)

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REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: December 1, 2005

GROUP NUMBER: 60907082

**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		CLM1-I2-1	CLM1-I3-1	CLM1-I4-1	CLM1-I4-2	DETECTION LIMIT
DATE SAMPLED:		Sep 1/05	Sep 1/05	Sep 1/05	Sep 1/05	
CANTEST ID:		509070419	509070420	509070421	509070422	
Aluminum	Al	227	220	184	362	0.5
Antimony	Sb	2.7	0.9	0.3	0.7	0.1
Arsenic	As	20.4	5.2	2.6	5.7	0.1
Barium	Ba	10.9	15.2	13.0	12.7	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	2	<	<	<	2
Cadmium	Cd	1.08	0.29	0.36	0.34	0.02
Calcium	Ca	3340	2500	2030	1560	1
Chromium	Cr	0.8	0.6	0.5	1.2	0.1
Cobalt	Co	0.3	0.2	0.3	0.3	0.1
Copper	Cu	4.0	3.4	1.9	2.6	0.1
Iron	Fe	716	444	345	683	5
Lead	Pb	18.2	5.1	2.3	5.2	0.1
Magnesium	Mg	1110	710	567	511	0.5
Manganese	Mn	199	243	360	255	0.1
Mercury	Hg	0.036	< 0.03	<	< 0.03	0.02
Molybdenum	Mo	0.9	0.7	0.7	0.7	0.1
Nickel	Ni	0.7	0.8	0.5	1.1	0.1
Phosphorus	P	3330	3350	2600	2770	0.5
Potassium	K	2560	3550	2320	2280	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	534	786	685	597	10
Silver	Ag	3.02	1.17	0.55	1.55	0.01
Sodium	Na	49	29	35	39	1
Strontium	Sr	10.8	9.05	7.97	5.29	0.05
Tellurium	Te	0.3	0.3	0.3	0.2	0.1
Thallium	Tl	<	<	<	<	0.02
Tin	Sn	0.3	<	0.1	0.2	0.1
Titanium	Ti	12.3	12.6	12.0	23.7	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	1.2	1.0	0.9	1.6	0.5
Zinc	Zn	52.3	53.1	26.4	26.0	0.5
Zirconium	Zr	<	<	<	<	3

Results expressed as micrograms per gram, dry basis (µg/g)

< = Less than detection limit

REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: December 1, 2005

GROUP NUMBER: 60907082

**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		CLM1-I5-1	CLM1-O1-1	CLM1-P2-1	CLM1-P3-1	
DATE SAMPLED:		Sep 1/05	Sep 1/05	Sep 1/05	Sep 1/05	
CANTEST ID:		509070423	509070424	509070425	509070426	DETECTION LIMIT
Aluminum	Al	247	385	416	304	0.5
Antimony	Sb	0.1	1.1	2.2	0.9	0.1
Arsenic	As	1.2	11.5	20.7	8.7	0.1
Barium	Ba	11.1	12.6	13.8	15.8	0.1
Beryllium	Be	<	<	0.04	<	0.02
Boron	B	<	2	4	2	2
Cadmium	Cd	0.43	0.71	1.25	0.76	0.02
Calcium	Ca	2660	2490	3530	2070	1
Chromium	Cr	0.7	0.9	1.1	0.7	0.1
Cobalt	Co	0.2	0.3	0.4	0.3	0.1
Copper	Cu	2.3	3.7	6.4	3.6	0.1
Iron	Fe	469	934	1350	743	5
Lead	Pb	1.4	9.6	18.4	9.3	0.1
Magnesium	Mg	784	865	1880	838	0.5
Manganese	Mn	310	278	308	237	0.1
Mercury	Hg	< 0.03	< 0.03	0.030	<	0.02
Molybdenum	Mo	0.8	0.8	0.8	0.7	0.1
Nickel	Ni	0.8	0.8	0.9	0.7	0.1
Phosphorus	P	3150	3440	5140	3960	0.5
Potassium	K	2620	3090	4700	2920	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	750	604	667	456	10
Silver	Ag	0.42	0.51	0.65	0.40	0.01
Sodium	Na	34	26	28	27	1
Strontium	Sr	4.86	5.59	13.0	7.64	0.05
Tellurium	Te	0.2	0.2	0.4	0.3	0.1
Thallium	Tl	<	<	0.05	<	0.02
Tin	Sn	0.1	0.2	1.2	0.5	0.1
Titanium	Ti	16.7	21.3	15.9	12.9	0.3
Uranium	U	<	<	0.10	0.06	0.04
Vanadium	V	1.2	1.7	2.0	1.4	0.5
Zinc	Zn	43.1	60.0	73.4	50.9	0.5
Zirconium	Zr	<	<	<	<	3

Results expressed as micrograms per gram, dry basis (µg/g)

< = Less than detection limit

REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: December 1, 2005

GROUP NUMBER: 60907082

**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		CLM1-P4-1	CLM1-P5-1	CLM1-Q3-1	CLM1-Q4-1	DETECTION LIMIT
DATE SAMPLED:		Sep 1/05	Sep 1/05	Sep 1/05	Sep 1/05	
CANTEST ID:		509070427	509070428	509070429	509070431	
Aluminum	Al	238	297	92.9	268	0.5
Antimony	Sb	0.1	0.3	0.1	0.6	0.1
Arsenic	As	1.9	2.9	1.7	5.5	0.1
Barium	Ba	4.2	13.6	6.9	11.4	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	3	<	<	2	2
Cadmium	Cd	0.45	0.62	0.72	0.27	0.02
Calcium	Ca	1430	1990	2330	1590	1
Chromium	Cr	0.5	0.8	0.3	0.6	0.1
Cobalt	Co	0.3	0.3	0.2	0.2	0.1
Copper	Cu	3.1	2.3	2.0	2.7	0.1
Iron	Fe	324	557	196	537	5
Lead	Pb	1.4	3.3	1.4	4.4	0.1
Magnesium	Mg	677	501	823	574	0.5
Manganese	Mn	326	351	87.4	361	0.1
Mercury	Hg	<	<	<	<	0.02
Molybdenum	Mo	0.8	0.8	0.5	0.1	0.1
Nickel	Ni	6.5	0.8	0.3	0.6	0.1
Phosphorus	P	4110	2320	3540	2470	0.5
Potassium	K	4030	2500	3200	2050	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	413	608	336	461	10
Silver	Ag	0.24	0.20	0.24	0.18	0.01
Sodium	Na	24	34	15	42	1
Strontium	Sr	2.90	7.13	10.5	4.26	0.05
Tellurium	Te	0.4	0.3	0.2	0.1	0.1
Thallium	Tl	<	<	<	<	0.02
Tin	Sn	0.3	0.3	0.2	<	0.1
Titanium	Ti	10.2	18.1	5.0	13.4	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	0.9	1.4	0.6	1.0	0.5
Zinc	Zn	38.8	34.3	22.9	35.9	0.5
Zirconium	Zr	<	<	<	<	3

Results expressed as micrograms per gram, dry basis (µg/g)

< = Less than detection limit



REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: December 1, 2005

GROUP NUMBER: 60907082

**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		CLM1-Q5-1	CLM1-R1-1	CLM1-R2-1	CLM1-CP1-2	
DATE SAMPLED:		Sep 1/05	Sep 1/05	Sep 1/05	Sep 1/05	
CANTEST ID:		509070432	509070433	509070436	509070437	DETECTION LIMIT
Aluminum	Al	132	264	429	392	0.5
Antimony	Sb	<	0.8	1.7	0.4	0.1
Arsenic	As	0.8	8.2	17.5	3.3	0.1
Barium	Ba	10.5	15.7	16.0	17.9	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	<	<	<	<	2
Cadmium	Cd	1.30	0.64	0.76	0.53	0.02
Calcium	Ca	2350	2080	1750	2660	1
Chromium	Cr	0.4	0.5	0.8	0.9	0.1
Cobalt	Co	0.2	0.3	0.4	0.3	0.1
Copper	Cu	2.1	2.6	3.9	2.8	0.1
Iron	Fe	230	566	1110	646	5
Lead	Pb	0.7	7.0	14.5	2.6	0.1
Magnesium	Mg	749	580	657	968	0.5
Manganese	Mn	162	217	299	497	0.1
Mercury	Hg	<	<	<	<	0.02
Molybdenum	Mo	<	<	<	<	0.1
Nickel	Ni	0.4	0.5	0.7	0.9	0.1
Phosphorus	P	3210	2850	2690	4760	0.5
Potassium	K	3180	2610	2370	3860	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	345	313	523	500	10
Silver	Ag	0.13	0.44	0.53	0.28	0.01
Sodium	Na	32	24	30	69	1
Strontium	Sr	8.03	6.20	4.35	7.43	0.05
Tellurium	Te	0.1	0.1	0.2	0.2	0.1
Thallium	Tl	<	<	<	<	0.02
Tin	Sn	<	<	<	0.6	0.1
Titanium	Ti	8.1	12.0	17.5	24.6	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	0.6	1.0	1.8	1.5	0.5
Zinc	Zn	40.3	36.2	43.4	66.0	0.5
Zirconium	Zr	<	<	<	<	3

Results expressed as micrograms per gram, dry basis ( $\mu\text{g/g}$ )

< = Less than detection limit

REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: December 1, 2005

GROUP NUMBER: 60907082

**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		CLM1-O2-1	CLM1-O2-2	CLM1-O3-1	CLM1-L3-1	
DATE SAMPLED:		Sep 1/05	Sep 1/05	Sep 1/05	Sep 1/05	
CANTEST ID:		509070438	509070440	509070441	509070442	DETECTION LIMIT
Aluminum	Al	403	270	299	331	0.5
Antimony	Sb	1.2	0.6	0.6	0.6	0.1
Arsenic	As	10.0	5.6	5.4	5.5	0.1
Barium	Ba	18.8	14.0	16.1	13.4	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	<	<	<	<	2
Cadmium	Cd	0.59	0.38	0.52	0.42	0.02
Calcium	Ca	2480	2090	2350	2070	1
Chromium	Cr	0.9	0.6	0.8	0.7	0.1
Cobalt	Co	0.3	0.2	0.2	0.2	0.1
Copper	Cu	3.3	2.3	2.7	2.3	0.1
Iron	Fe	894	517	549	572	5
Lead	Pb	8.6	5.2	4.7	4.2	0.1
Magnesium	Mg	669	472	656	566	0.5
Manganese	Mn	59.1	69.8	325	117	0.1
Mercury	Hg	<	<	<	<	0.02
Molybdenum	Mo	<	<	<	<	0.1
Nickel	Ni	0.8	0.5	0.7	0.6	0.1
Phosphorus	P	2370	2090	2680	2290	0.5
Potassium	K	2390	2220	2300	2130	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	469	543	792	402	10
Silver	Ag	0.50	0.39	0.40	0.64	0.01
Sodium	Na	31	26	30	28	1
Strontium	Sr	9.22	6.51	6.06	5.83	0.05
Tellurium	Te	0.1	0.2	0.1	0.2	0.1
Thallium	Tl	<	<	<	<	0.02
Tin	Sn	<	<	<	<	0.1
Titanium	Ti	21.0	12.7	15.5	19.8	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	1.6	1.0	1.2	1.3	0.5
Zinc	Zn	45.2	35.1	40.1	30.5	0.5
Zirconium	Zr	<	<	<	<	3

Results expressed as micrograms per gram, dry basis ( $\mu\text{g/g}$ )

< = Less than detection limit

REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: December 1, 2005

GROUP NUMBER: 60907082

**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		CLM1-CP2-1	CLM1-CP3-1	CLM1-CP4-1	CLM1-CP7-1	
DATE SAMPLED:		Sep 1/05	Sep 1/05	Sep 1/05	Sep 1/05	
CANTEST ID:		509070443	509070444	509070445	509070447	DETECTION LIMIT
Aluminum	Al	577	561	246	334	0.5
Antimony	Sb	1.0	0.6	0.3	<	0.1
Arsenic	As	9.9	6.1	2.4	3.4	0.1
Barium	Ba	25.9	23.8	18.4	12.5	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	<	<	<	<	2
Cadmium	Cd	1.66	0.62	0.58	0.42	0.02
Calcium	Ca	3360	2150	2760	2340	1
Chromium	Cr	1.2	1.1	0.7	0.8	0.1
Cobalt	Co	0.4	0.4	0.3	0.3	0.1
Copper	Cu	4.3	2.5	3.5	2.3	0.1
Iron	Fe	1080	975	505	514	5
Lead	Pb	5.1	4.0	2.4	1.6	0.1
Magnesium	Mg	1470	1060	1640	947	0.5
Manganese	Mn	512	286	357	356	0.1
Mercury	Hg	< 0.03	<	<	< 0.03	0.02
Molybdenum	Mo	<	<	<	<	0.1
Nickel	Ni	1.1	0.9	0.9	0.7	0.1
Phosphorus	P	5570	3930	6700	4080	0.5
Potassium	K	4870	2910	5290	2920	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	554	325	382	434	10
Silver	Ag	0.33	0.20	0.17	0.13	0.01
Sodium	Na	70	40	49	38	1
Strontium	Sr	14.4	11.0	12.9	6.69	0.05
Tellurium	Te	0.2	<	<	<	0.1
Thallium	Tl	<	0.02	<	<	0.02
Tin	Sn	<	<	<	<	0.1
Titanium	Ti	31.7	35.7	14.7	18.8	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	2.4	2.0	1.0	1.2	0.5
Zinc	Zn	81.0	31.2	47.7	38.0	0.5
Zirconium	Zr	<	<	<	<	3

Results expressed as micrograms per gram, dry basis (µg/g)

< = Less than detection limit

REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: December 1, 2005

GROUP NUMBER: 60907082

**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		CLM1-CP8-1	CLM1-P1-1	CLM1-J2-2	CLM1-J3-1	DETECTION LIMIT
DATE SAMPLED:		Sep 1/05	Sep 1/05	Sep 1/05	Sep 1/05	
CANTEST ID:		509070448	509070449	509070450	509070451	
Aluminum	Al	440	382	271	144	0.5
Antimony	Sb	<	1.2	2.7	<	0.1
Arsenic	As	2.4	12.8	19.2	2.0	0.1
Barium	Ba	18.5	18.8	10.1	6.8	0.1
Beryllium	Be	<	0.03	<	<	0.02
Boron	B	<	<	<	<	2
Cadmium	Cd	0.55	1.28	0.77	0.25	0.02
Calcium	Ca	3200	2910	1960	1560	1
Chromium	Cr	1.0	0.7	0.6	0.4	0.1
Cobalt	Co	0.4	0.3	0.2	0.2	0.1
Copper	Cu	3.3	4.9	3.5	2.0	0.1
Iron	Fe	658	874	627	232	5
Lead	Pb	1.4	12.3	18.2	1.6	0.1
Magnesium	Mg	1190	833	639	778	0.5
Manganese	Mn	326	178	162	259	0.1
Mercury	Hg	<	<	<	<	0.02
Molybdenum	Mo	<	<	<	<	0.1
Nickel	Ni	1.0	1.1	0.6	0.5	0.1
Phosphorus	P	4870	3970	3240	3920	0.5
Potassium	K	3650	3500	3060	3290	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	754	492	639	404	10
Silver	Ag	0.11	0.51	1.44	0.50	0.01
Sodium	Na	37	25	24	23	1
Strontium	Sr	9.14	12.7	4.56	4.48	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	<	<	<	<	0.02
Tin	Sn	<	,	<	<	0.1
Titanium	Ti	26.0	16.4	12.4	8.3	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	1.6	1.4	1.1	0.6	0.5
Zinc	Zn	105	62.9	42.0	29.2	0.5
Zirconium	Zr	<	<	<	<	3

Results expressed as micrograms per gram, dry basis (µg/g)

< = Less than detection limit

REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: December 1, 2005

GROUP NUMBER: 60907082

**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		CLM1-J4-1	CLM1-J5-1	
DATE SAMPLED:		Sep 1/05	Sep 1/05	
CANTEST ID:		509070452	509070453	DETECTION LIMIT
Aluminum	Al	147	434	0.5
Antimony	Sb	<	0.5	0.1
Arsenic	As	2.0	4.4	0.1
Barium	Ba	7.0	20.6	0.1
Beryllium	Be	<	<	0.02
Boron	B	<	<	2
Cadmium	Cd	0.42	0.52	0.02
Calcium	Ca	2150	2020	1
Chromium	Cr	0.4	0.8	0.1
Cobalt	Co	0.2	0.3	0.1
Copper	Cu	3.7	2.4	0.1
Iron	Fe	236	650	5
Lead	Pb	1.7	3.3	0.1
Magnesium	Mg	910	839	0.5
Manganese	Mn	235	282	0.1
Mercury	Hg	<	<	0.02
Molybdenum	Mo	<	<	0.1
Nickel	Ni	2.1	0.9	0.1
Phosphorus	P	4500	3470	0.5
Potassium	K	3470	2420	1
Selenium	Se	<	<	0.2
Silicon	Si	373	371	10
Silver	Ag	0.45	0.29	0.01
Sodium	Na	20	32	1
Strontium	Sr	6.28	9.91	0.05
Tellurium	Te	<	<	0.1
Thallium	Tl	<	<	0.02
Tin	Sn	<	<	0.1
Titanium	Ti	8.5	17.4	0.3
Uranium	U	<	<	0.04
Vanadium	V	0.6	1.4	0.5
Zinc	Zn	34.1	50.2	0.5
Zirconium	Zr	<	<	3

Results expressed as micrograms per gram, dry basis (µg/g)

< = Less than detection limit

REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: December 1, 2005

GROUP NUMBER: 60907082

Batch Quality Control for Dissolved Metals Analysis in Tissue (QC# 70563)

Parameter		Blank (ug/g)	Blank Limits	Duplicate (R.P.D.) 509070370	Duplicate Limits	Duplicate (R.P.D.) 509070382	Duplicate Limits
Aluminum	Al	< 0.5	0.2	0.7	20	13.7	20
Antimony	Sb	< 0.1	0.001	PASS	20	18.2	20
Arsenic	As	< 0.1	0.002	9.1	20	13.3	20
Barium	Ba	< 0.1	0.001	8.6	20	0.8	20
Beryllium	Be	< 0.02	0.001	PASS	20	NC	20
Boron	B	< 2	0.02	5.7	20	PASS	20
Cadmium	Cd	< 0.02	0.0004	1.8	20	13	20
Calcium	Ca	< 1	0.3	7.5	20	4.6	20
Chromium	Cr	< 0.1	0.001	8	20	10.5	20
Cobalt	Co	< 0.1	0.001	PASS	20	PASS	20
Copper	Cu	< 0.1	0.001	3.4	20	13	20
Iron	Fe	< 5	0.05	1.5	20	12.9	20
Lead	Pb	< 0.1	0.002	5.1	20	15.3	20
Magnesium	Mg	< 0.5	0.2	2	20	2	20
Manganese	Mn	< 0.1	0.01	5.6	20	3.8	20
Mercury	Hg	-	-	16.4	20	0	20
Molybdenum	Mo	< 0.1	0.002	13.3	20	11.8	20
Nickel	Ni	< 0.1	0.003	10.5	20	15.4	20
Phosphorus	P	< 0.5	0.1	1.5	20	2.3	20
Potassium	K	< 1	0.3	3.7	20	4.2	20
Selenium	Se	< 0.2	0.004	NC	20	NC	20
Silver	Ag	< 0.01	0.001	8	20	11.8	20
Sodium	Na	< 1	0.5	0.9	20	2.5	20
Strontium	Sr	< 0.05	0.002	6.5	20	1	20
Tellurium	Te	< 0.1	0.002	PASS	20	PASS	20
Thallium	Tl	< 0.02	0.002	NC	20	PASS	20
Tin	Sn	< 0.1	0.01	PASS	20	PASS	20
Titanium	Ti	< 0.3	0.01	0.5	20	12.5	20
Uranium	U	< 0.04	0.002	NC	20	NC	20
Vanadium	V	< 0.5	0.002	PASS	20	PASS	20
Zinc	Zn	< 0.5	0.04	5.2	20	3.1	20
Zirconium	Zr	< 3	0.04	NC	20	NC	20

ug/g = micrograms per gram, dry basis

R.P.D. = Relative Percent Difference

PASS = Duplicate sample results were in the range of one to five times the detection limit. R.P.D. calculation is not applicable in this range. Acceptance criteria is a maximum difference between the duplicates equivalent to the value of the detection limit.

NC = Not Calculated. Duplicate sample results were less than the detection limit. Relative Percent Difference calculation is not defined for analyte levels of less than detection limit.

REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: December 1, 2005

GROUP NUMBER: 60907082

Batch Quality Control for Dissolved Metals Analysis in Tissue (QC# 70563)

Parameter		Duplicate (R.P.D.) 509070395	Duplicate Limits	Duplicate (R.P.D.) 509070405	Duplicate Limits	Duplicate (R.P.D.) 509070415	Duplicate Limits
Aluminum	Al	3.8	20	1.5	20	7.2	20
Antimony	Sb	PASS	20	0	20	12.5	20
Arsenic	As	11.8	20	1.4	20	15.2	20
Barium	Ba	0.9	20	1.4	20	2.5	20
Beryllium	Be	NC	20	PASS	20	PASS	20
Boron	B	PASS	20	PASS	20	PASS	20
Cadmium	Cd	6.5	20	5.6	20	11.8	20
Calcium	Ca	0.6	20	4.8	20	3.3	20
Chromium	Cr	0	20	7.4	20	0	20
Cobalt	Co	PASS	20	13.3	20	PASS	20
Copper	Cu	0	20	2.5	20	6.1	20
Iron	Fe	3.8	20	3.2	20	9.5	20
Lead	Pb	0	20	7.9	20	8.5	20
Magnesium	Mg	3.9	20	5.5	20	0.8	20
Manganese	Mn	5.8	20	4.5	20	2.9	20
Mercury	Hg	0	20	NC	20	NC	20
Molybdenum	Mo	0	20	8	20	0	20
Nickel	Ni	0	20	15.4	20	13.3	20
Phosphorus	P	3	20	3.9	20	1.8	20
Potassium	K	4.4	20	0	20	0	20
Selenium	Se	NC	20	NC	20	NC	20
Silver	Ag	5.1	20	12.6	20	7.3	20
Sodium	Na	0	20	4.4	20	8.9	20
Strontium	Sr	0.4	20	0.3	20	0.2	20
Tellurium	Te	PASS	20	0	20	PASS	20
Thallium	Tl	NC	20	PASS	20	PASS	20
Tin	Sn	PASS	20	18.2	20	PASS	20
Titanium	Ti	3.3	20	4.7	20	6	20
Uranium	U	NC	20	PASS	20	PASS	20
Vanadium	V	PASS	20	2	20	PASS	20
Zinc	Zn	0.5	20	4.8	20	0.2	20
Zirconium	Zr	NC	20	NC	20	NC	20

ug/g = micrograms per gram, dry basis

R.P.D. = Relative Percent Difference

PASS = Duplicate sample results were in the range of one to five times the detection limit. R.P.D. calculation is not applicable in this range. Acceptance criteria is a maximum difference between the duplicates equivalent to the value of the detection limit.

NC = Not Calculated. Duplicate sample results were less than the detection limit. Relative Percent Difference calculation is not defined for analyte levels of less than detection limit.

REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: December 1, 2005

GROUP NUMBER: 60907082

Batch Quality Control for Dissolved Metals Analysis in Tissue (QC# 70563)

Parameter		NIST1570a Spinach Leaves (% Recovery)	NIST1570a Spinach Leaves Limits	NIST1573a Tomato Leaves (% Recovery)	NIST1573a Tomato Leaves Limits	NRC TORT-2, "Lobster Tissue" (% Recovery)	NRC TORT-2, "Lobster Tissue" Limits
Aluminum	Al	34	17 - 93	28	7 - 91	-	-
Arsenic	As	-	-	179	80 - 283	97	66 - 113
Boron	B	114	63 - 143	111	62 - 142	-	-
Cadmium	Cd	81	39 - 114	90	30 - 124	108	63 - 118
Calcium	Ca	92	60 - 120	97	60 - 120	-	-
Chromium	Cr	-	-	45	28 - 97	78	60 - 120
Cobalt	Co	77	50 - 150	88	50 - 150	98	60 - 120
Copper	Cu	91	62 - 124	94	59 - 125	100	60 - 120
Iron	Fe	-	-	108	52 - 167	110	60 - 120
Lead	Pb	-	-	-	-	114	39 - 150
Manganese	Mn	86	53 - 134	93	62 - 131	103	60 - 120
Mercury	Hg	93	59 - 119	88	66 - 110	85	85 - 115
Molybdenum	Mo	-	-	-	-	119	60 - 120
Nickel	Ni	84	58 - 126	75	28 - 143	100	50 - 122
Phosphorus	P	101	60 - 120	103	60 - 120	-	-
Potassium	K	96	60 - 120	89	60 - 120	-	-
Selenium	Se	-	-	-	-	99	67 - 118
Sodium	Na	101	60 - 120	88	60 - 120	-	-
Strontium	Sr	91	60 - 120	-	-	91	60 - 120
Vanadium	V	88	50 - 150	60	50 - 150	116	60 - 120
Zinc	Zn	78	48 - 110	82	49 - 109	101	53 - 125

ug/g = micrograms per gram, dry basis



REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: December 1, 2005

GROUP NUMBER: 60907082

Batch Quality Control for Dissolved Metals Analysis in Tissue (QC# 70755)

Parameter		Blank (ug/g)	Blank Limits	Duplicate (R.P.D.) 509070431	Duplicate Limits	Duplicate (R.P.D.) 509070444	Duplicate Limits
Aluminum	Al	< 0.5	0.2	2.2	20	1.1	20
Antimony	Sb	< 0.1	0.001	0	20	15.4	20
Arsenic	As	< 0.1	0.002	3.6	20	8.3	20
Barium	Ba	< 0.1	0.001	3.5	20	5.5	20
Beryllium	Be	< 0.02	0.001	NC	20	PASS	20
Boron	B	< 2	0.02	NC	20	NC	20
Cadmium	Cd	< 0.02	0.0004	14.8	20	4.3	20
Calcium	Ca	< 1	0.3	0	20	1.4	20
Chromium	Cr	< 0.1	0.001	0	20	8.7	20
Cobalt	Co	< 0.1	0.001	PASS	20	PASS	20
Copper	Cu	< 0.1	0.001	7.4	20	8	20
Iron	Fe	< 5	0.05	6.5	20	9.2	20
Lead	Pb	< 0.1	0.002	4.5	20	7.6	20
Magnesium	Mg	< 0.5	0.2	3.3	20	0.9	20
Manganese	Mn	< 0.1	0.01	0.3	20	4.2	20
Mercury	Hg	-	-	NC	20	NC	20
Molybdenum	Mo	< 0.1	0.002	PASS	20	PASS	20
Nickel	Ni	< 0.1	0.003	18.2	20	11.8	20
Phosphorus	P	< 0.5	0.1	2	20	0.5	20
Potassium	K	< 1	0.3	2	20	0.7	20
Selenium	Se	< 0.2	0.004	NC	20	NC	20
Silver	Ag	< 0.01	0.001	5.4	20	0	20
Sodium	Na	< 1	0.5	2.4	20	6.5	20
Strontium	Sr	< 0.05	0.002	0.5	20	1.8	20
Tellurium	Te	< 0.1	0.002	PASS	20	PASS	20
Thallium	Tl	< 0.02	0.002	NC	20	NC	20
Tin	Sn	< 0.1	0.01	NC	20	NC	20
Titanium	Ti	< 0.3	0.01	14.9	20	7.6	20
Uranium	U	< 0.04	0.002	NC	20	PASS	20
Vanadium	V	< 0.5	0.002	PASS	20	PASS	20
Zinc	Zn	< 0.5	0.04	0.3	20	2.2	20
Zirconium	Zr	< 3	0.04	NC	20	NC	20

ug/g = micrograms per gram, dry basis

R.P.D. = Relative Percent Difference

PASS = Duplicate sample results were in the range of one to five times the detection limit. R.P.D. calculation is not applicable in this range. Acceptance criteria is a maximum difference between the duplicates equivalent to the value of the detection limit.

NC = Not Calculated. Duplicate sample results were less than the detection limit. Relative Percent Difference calculation is not defined for analyte levels of less than detection limit.

REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: December 1, 2005

GROUP NUMBER: 60907082

Batch Quality Control for Dissolved Metals Analysis in Tissue (QC# 70755)

Parameter		Duplicate (R.P.D.) 509150381	Duplicate Limits	Duplicate (R.P.D.) 509150394	Duplicate Limits	NIST1573a Tomato Leaves (% Recovery)	NIST1573a Tomato Leaves Limits
Aluminum	Al	7.2	20	5.7	20	32	7 - 91
Antimony	Sb	0	20	NC	20	-	-
Arsenic	As	7	20	0	20	210	80 - 283
Barium	Ba	7.7	20	1	20	-	-
Beryllium	Be	NC	20	NC	20	-	-
Boron	B	PASS	20	NC	20	87	62 - 142
Cadmium	Cd	11.1	20	7.4	20	66	30 - 124
Calcium	Ca	3	20	7.3	20	94	60 - 120
Chromium	Cr	11.8	20	PASS	20	50	28 - 97
Cobalt	Co	PASS	20	PASS	20	100	50 - 150
Copper	Cu	8.7	20	8	20	85	59 - 125
Iron	Fe	6.3	20	4.9	20	105	52 - 167
Lead	Pb	11	20	0	20	-	-
Magnesium	Mg	6.1	20	2.1	20	-	-
Manganese	Mn	6.5	20	0.9	20	94	62 - 131
Mercury	Hg	NC	20	NC	20	100	66 - 110
Molybdenum	Mo	PASS	20	NC	20	-	-
Nickel	Ni	13.3	20	PASS	20	63	28 - 143
Phosphorus	P	7.2	20	2.2	20	92	60 - 120
Potassium	K	8.4	20	0.5	20	91	60 - 120
Selenium	Se	NC	20	NC	20	-	-
Silver	Ag	1.6	20	0	20	-	-
Sodium	Na	4.7	20	8.7	20	88	60 - 120
Strontium	Sr	4.1	20	0	20	-	-
Tellurium	Te	NC	20	NC	20	-	-
Thallium	Tl	NC	20	NC	20	-	-
Tin	Sn	NC	20	NC	20	-	-
Titanium	Ti	8.2	20	2.8	20	-	-
Uranium	U	NC	20	NC	20	-	-
Vanadium	V	PASS	20	NC	20	52	50 - 150
Zinc	Zn	0.3	20	7.8	20	94	49 - 109
Zirconium	Zr	NC	20	NC	20	-	-

ug/g = micrograms per gram, dry basis

R.P.D. = Relative Percent Difference

PASS = Duplicate sample results were in the range of one to five times the detection limit. R.P.D. calculation is not applicable in this range. Acceptance criteria is a maximum difference between the duplicates equivalent to the value of the detection limit.

NC = Not Calculated. Duplicate sample results were less than the detection limit. Relative Percent Difference calculation is not defined for analyte levels of less than detection limit.

REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: December 1, 2005

GROUP NUMBER: 60907082

Batch Quality Control for Dissolved Metals Analysis in Tissue (QC# 70755)

Parameter		NRC TORT-2, "Lobster Tissue" (% Recovery)	NRC TORT-2, "Lobster Tissue" Limits
Aluminum	Al	-	-
Arsenic	As	90	66 - 113
Boron	B	-	-
Cadmium	Cd	91	63 - 118
Calcium	Ca	-	-
Chromium	Cr	65	60 - 120
Cobalt	Co	98	60 - 120
Copper	Cu	90	60 - 120
Iron	Fe	93	60 - 120
Lead	Pb	114	39 - 150
Manganese	Mn	91	60 - 120
Mercury	Hg	85	85 - 115
Molybdenum	Mo	95	60 - 120
Nickel	Ni	84	50 - 122
Phosphorus	P	-	-
Potassium	K	-	-
Selenium	Se	92	67 - 118
Sodium	Na	-	-
Strontium	Sr	84	60 - 120
Vanadium	V	116	60 - 120
Zinc	Zn	89	53 - 125

ug/g = micrograms per gram, dry basis

REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: December 1, 2005

GROUP NUMBER: 60907082

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Instrument Quality Control for the Mercury Monitor (QC# 143105)

QC Type: Calibration Verification

Parameter		% Recovery	Limits
Mercury	Hg	100	90 - 110

REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: December 1, 2005

GROUP NUMBER: 60907082

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Instrument Quality Control for the Mercury Monitor (QC# 143145)

QC Type: Calibration Verification

Parameter		% Recovery	Limits
Mercury	Hg	107	90 - 110

REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: December 1, 2005

GROUP NUMBER: 60907082

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**Batch Quality Control Frequency Summary**

**Metals Plant Tissue Digestion (Batch# 70563)**

QC Type	No. Samples
NIST1570a Spinach Leaves	1
NIST1573a Tomato Leaves	1
NRC TORT-2, "Lobster Tissue"	1
Blank	2
Duplicate	5

**Metals Plant Tissue Digestion (Batch# 70755)**

QC Type	No. Samples
NIST1573a Tomato Leaves	1
NRC TORT-2, "Lobster Tissue"	1
Blank	2
Duplicate	4

**Metals Plant Tissue Digestion (Batch# 70563)**

QC Type	No. Samples
Batch Size	55

**Metals Plant Tissue Digestion (Batch# 70755)**

QC Type	No. Samples
Batch Size	39

## Analysis Report



CANTEST LTD.

Professional  
Analytical  
Services

4606 Canada Way  
Burnaby, B.C.  
V5G 1K5

FAX: 604 731 2386

TEL: 604 734 7276

1 800 665 8566

REPORT ON: Analysis of Tissue Samples

REPORTED TO: Environmental Dynamics Inc.  
4722 Continental Way  
Prince George, BC  
V2N 5S5

Att'n: Ben Schonewille

CHAIN OF CUSTODY: 192275, 192276, 192277, 192278, 192279, 192280, 192281, 192282  
PROJECT NAME: Mt Nansen  
PROJECT NUMBER: 05-YC-0025  
P.O. NUMBER: 00010157

---

NUMBER OF SAMPLES: 74

REPORT DATE: December 1, 2005

DATE SUBMITTED: September 7, 2005

GROUP NUMBER: 60907082

SAMPLE TYPE: Tissue

NOTE: Results contained in this report refer only to the testing of samples as submitted. Other information is available on request.

### TEST METHODS:

Moisture Content of Plant Tissue - analysis was performed gravimetrically by heating a pre-weighed portion of sample at 105C and measuring the weight loss.

Mercury in Tissue - samples were digested using a nitric acid-hydrogen peroxide digestion procedure based on EPA Method 200.3. Analysis was performed using Cold Vapour Atomic Absorption Spectrophotometry or Cold Vapour Atomic Fluorescence Spectrophotometry.

Metals in Tissue - samples were digested using a nitric acid-hydrogen peroxide digestion procedure based on EPA Method 200.3. Analysis was performed using Inductively Coupled Argon Plasma Spectroscopy (ICP), ICP Mass Spectrometry (ICP/MS), or Atomic Absorption techniques.

### TEST RESULTS:

(See following pages)

CANTEST LTD.

Richard S. Jornitz  
Supervisor, Inorganic Testing

A Member of the **CANAM** Group  
www.testing-labs.com

Page 1 of 31

REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: December 1, 2005

GROUP NUMBER: 60915076

Conventional Parameters in Tissue

CLIENT SAMPLE IDENTIFICATION:	CANTEST ID	Moisture
CLM1-N3-2	509150376	54.1
CLM1-N3-1	509150381	51.1
CLM1-R4-1	509150382	10.0
CLM1-R3-2	509150383	21.5
CLM1-Pony3-2	509150384	13.7
CLM1-R5-1	509150386	12.8
CLM1-Pony3-1	509150387	15.9
CLM1-R3-1	509150388	12.1
CLM1-CP5-1	509150389	42.3
CLM1-CP5-2	509150392	34.8
CLM1-D4-2	509150393	16.0
CLM1-CP6-1	509150394	36.8
CLM1-D2-1	509150396	34.1
CLM1-D2-2	509150398	31.8
CLM1-D5-1	509150400	15.5
CLM1-M2-1	509150401	24.6
CLM1-CP9-1	509150405	56.8
CLM1-D4-1	509150406	20.2
CLM1-M1-1	509150407	25.7
CLM1-M1-2	509150409	26.8
DETECTION LIMIT		0.1
UNITS		%

% = percent



REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: December 1, 2005

GROUP NUMBER: 60915076

**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		CLM1-N3-2	CLM1-N3-1	CLM1-R4-1	CLM1-R3-2	DETECTION LIMIT
CANTEST ID:		509150376	509150381	509150382	509150383	
Aluminum	Al	538	414	83.8	248	0.5
Antimony	Sb	0.9	0.6	<	0.7	0.1
Arsenic	As	8.1	5.7	1.4	17.5	0.1
Barium	Ba	17.1	14.3	7.8	11.3	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	<	<	<	<	2
Cadmium	Cd	0.45	0.31	0.12	0.49	0.02
Calcium	Ca	1930	2020	1870	1390	1
Chromium	Cr	1.1	0.8	0.3	0.6	0.1
Cobalt	Co	0.3	0.3	0.1	0.4	0.1
Copper	Cu	2.9	2.3	1.2	2.2	0.1
Iron	Fe	917	653	154	872	5
Lead	Pb	5.9	4.6	0.8	5.7	0.1
Magnesium	Mg	603	578	395	514	0.5
Manganese	Mn	122	108	33.7	218	0.1
Mercury	Hg	< 0.02	< 0.02	<	<	0.01
Molybdenum	Mo	<	<	<	<	0.1
Nickel	Ni	0.9	0.7	0.2	0.5	0.1
Phosphorus	P	2590	2070	2010	2120	0.5
Potassium	K	2520	2030	2060	2010	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	409	434	307	283	10
Silver	Ag	1.14	0.65	0.09	0.27	0.01
Sodium	Na	28	21	9	9	1
Strontium	Sr	6.63	5.82	6.20	3.87	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	<	<	<	<	0.02
Tin	Sn	<	4.0	<	<	0.1
Titanium	Ti	31.4	24.5	5.1	12.3	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	2.0	1.5	<	1.8	0.5
Zinc	Zn	51.1	37.2	28.4	35.5	0.5
Zirconium	Zr	<	<	<	<	3

Results expressed as micrograms per gram, dry basis ( $\mu\text{g/g}$ )

< = Less than detection limit

REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: December 1, 2005

GROUP NUMBER: 60915076

**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		CLM1-Pony3-2	CLM1-R5-1	CLM1-Pony3-1	CLM1-R3-1	DETECTION LIMIT
CANTEST ID:		509150384	509150386	509150387	509150388	
Aluminum	Al	151	93.3	208	280	0.5
Antimony	Sb	0.2	<	0.4	0.7	0.1
Arsenic	As	3.9	0.4	5.0	17.2	0.1
Barium	Ba	6.9	6.9	8.4	9.7	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	<	<	<	<	2
Cadmium	Cd	0.15	0.14	0.19	0.44	0.02
Calcium	Ca	1050	1140	1280	1230	1
Chromium	Cr	0.4	0.3	0.5	0.5	0.1
Cobalt	Co	0.2	<	0.2	0.4	0.1
Copper	Cu	1.2	1.0	1.5	1.9	0.1
Iron	Fe	289	152	390	896	5
Lead	Pb	2.4	0.5	3.2	6.4	0.1
Magnesium	Mg	299	322	356	438	0.5
Manganese	Mn	177	77.6	239	214	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	<	<	<	<	0.1
Nickel	Ni	0.3	0.3	0.4	0.4	0.1
Phosphorus	P	1190	1480	1370	1580	0.5
Potassium	K	1350	1390	1370	1460	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	296	286	609	381	10
Silver	Ag	0.15	0.05	0.16	0.20	0.01
Sodium	Na	14	10	15	7	1
Strontium	Sr	2.51	3.32	3.06	3.58	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	<	<	<	0.03	0.02
Tin	Sn	<	<	<	<	0.1
Titanium	Ti	8.2	5.6	9.3	13.3	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	0.6	<	0.8	1.9	0.5
Zinc	Zn	32.1	23.6	37.6	30.7	0.5
Zirconium	Zr	<	<	<	<	3

Results expressed as micrograms per gram, dry basis ( $\mu\text{g/g}$ )

< = Less than detection limit

REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: December 1, 2005

GROUP NUMBER: 60915076

**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		CLM1-CP5-1	CLM1-CP5-2	CLM1-D4-2	CLM1-CP6-1	DETECTION LIMIT
CANTEST ID:		509150389	509150392	509150393	509150394	
Aluminum	Al	73.6	84.9	111	123	0.5
Antimony	Sb	<	<	<	<	0.1
Arsenic	As	0.3	0.4	1.0	0.6	0.1
Barium	Ba	10.7	7.3	9.6	10.0	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	<	<	<	<	2
Cadmium	Cd	0.58	0.36	0.07	0.20	0.02
Calcium	Ca	1900	1250	918	1370	1
Chromium	Cr	0.3	0.3	0.3	0.4	0.1
Cobalt	Co	0.1	0.1	0.1	0.1	0.1
Copper	Cu	1.8	1.4	1.1	1.2	0.1
Iron	Fe	147	138	207	185	5
Lead	Pb	0.3	0.3	0.6	0.5	0.1
Magnesium	Mg	747	664	372	387	0.5
Manganese	Mn	322	233	147	235	0.1
Mercury	Hg	0.017	0.016	<	<	0.01
Molybdenum	Mo	0.1	<	<	0.1	0.1
Nickel	Ni	0.3	0.4	0.3	0.4	0.1
Phosphorus	P	4020	3220	2030	1820	0.5
Potassium	K	3110	2450	1670	1930	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	334	229	258	346	10
Silver	Ag	0.15	0.13	0.09	0.08	0.01
Sodium	Na	17	11	9	13	1
Strontium	Sr	6.33	4.19	3.38	4.42	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	<	<	<	<	0.02
Tin	Sn	0.5	<	<	<	0.1
Titanium	Ti	5.0	5.2	6.8	7.2	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	<	<	<	<	0.5
Zinc	Zn	31.9	28.7	35.1	21.8	0.5
Zirconium	Zr	<	<	<	<	3

Results expressed as micrograms per gram, dry basis (µg/g)

< = Less than detection limit

REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: December 1, 2005

GROUP NUMBER: 60915076

**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		CLM1-D2-1	CLM1-D2-2	CLM1-D5-1	CLM1-M2-1	DETECTION LIMIT
CANTEST ID:		509150396	509150398	509150400	509150401	
Aluminum	Al	189	237	95.0	163	0.5
Antimony	Sb	<	0.2	<	0.3	0.1
Arsenic	As	2.0	2.2	0.7	3.6	0.1
Barium	Ba	12.8	11.4	7.1	7.8	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	<	<	<	<	2
Cadmium	Cd	0.65	0.76	0.13	0.47	0.02
Calcium	Ca	2070	1670	1360	1420	1
Chromium	Cr	0.5	0.7	0.3	0.4	0.1
Cobalt	Co	0.2	0.2	0.1	0.2	0.1
Copper	Cu	3.2	2.3	1.1	1.5	0.1
Iron	Fe	338	436	163	294	5
Lead	Pb	1.1	1.4	0.4	3.5	0.1
Magnesium	Mg	561	522	420	461	0.5
Manganese	Mn	104	134	141	144	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	<	<	<	<	0.1
Nickel	Ni	0.7	0.7	0.3	0.4	0.1
Phosphorus	P	2330	2210	1540	2060	0.5
Potassium	K	2170	2070	1510	1940	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	385	441	298	433	10
Silver	Ag	0.18	0.20	0.07	0.17	0.01
Sodium	Na	12	13	13	17	1
Strontium	Sr	5.90	4.41	4.29	4.00	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	<	<	<	<	0.02
Tin	Sn	<	<	<	<	0.1
Titanium	Ti	12.2	14.1	5.9	6.8	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	0.9	1.1	<	0.7	0.5
Zinc	Zn	39.2	47.0	26.8	34.0	0.5
Zirconium	Zr	<	<	<	<	3

Results expressed as micrograms per gram, dry basis ( $\mu\text{g/g}$ )

< = Less than detection limit

REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: December 1, 2005

GROUP NUMBER: 60915076

**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		CLM1-CP9-1	CLM1-D4-1	CLM1-M1-1	CLM1-M1-2	DETECTION LIMIT
CANTEST ID:		509150405	509150406	509150407	509150409	
Aluminum	Al	174	118	96.7	137	0.5
Antimony	Sb	<	<	0.1	0.2	0.1
Arsenic	As	0.8	0.9	1.9	2.9	0.1
Barium	Ba	10.0	9.8	7.3	8.6	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	<	<	<	<	2
Cadmium	Cd	0.27	0.26	0.39	0.39	0.02
Calcium	Ca	2230	1180	1860	1510	1
Chromium	Cr	0.6	0.4	0.3	0.4	0.1
Cobalt	Co	0.2	0.1	0.1	0.1	0.1
Copper	Cu	1.8	1.2	1.6	1.7	0.1
Iron	Fe	252	205	175	252	5
Lead	Pb	0.8	0.7	1.6	2.5	0.1
Magnesium	Mg	714	372	400	553	0.5
Manganese	Mn	244	140	136	207	0.1
Mercury	Hg	< 0.02	<	<	<	0.01
Molybdenum	Mo	<	<	<	<	0.1
Nickel	Ni	0.6	0.4	0.3	0.3	0.1
Phosphorus	P	3620	2080	2130	2250	0.5
Potassium	K	2980	1830	2170	2100	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	444	290	310	314	10
Silver	Ag	0.10	0.15	0.15	0.18	0.01
Sodium	Na	48	13	12	8	1
Strontium	Sr	7.11	3.88	5.23	3.59	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	<	<	<	<	0.02
Tin	Sn	<	<	<	<	0.1
Titanium	Ti	9.9	6.9	4.5	6.3	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	0.7	0.5	<	0.6	0.5
Zinc	Zn	49.9	26.4	37.9	34.4	0.5
Zirconium	Zr	<	<	<	<	3

Results expressed as micrograms per gram, dry basis ( $\mu\text{g/g}$ )

< = Less than detection limit

REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: December 1, 2005

GROUP NUMBER: 60915076

Batch Quality Control for Dissolved Metals Analysis in Tissue (QC# 70755)

Parameter		Blank (ug/g)	Blank Limits	Duplicate (R.P.D.) 509070431	Duplicate Limits	Duplicate (R.P.D.) 509070444	Duplicate Limits
Aluminum	Al	< 0.5	0.2	2.2	20	1.1	20
Antimony	Sb	< 0.1	0.001	0	20	15.4	20
Arsenic	As	< 0.1	0.002	3.6	20	8.3	20
Barium	Ba	< 0.1	0.001	3.5	20	5.5	20
Beryllium	Be	< 0.02	0.001	NC	20	PASS	20
Boron	B	< 2	0.02	NC	20	NC	20
Cadmium	Cd	< 0.02	0.0004	14.8	20	4.3	20
Calcium	Ca	< 1	0.3	0	20	1.4	20
Chromium	Cr	< 0.1	0.001	0	20	8.7	20
Cobalt	Co	< 0.1	0.001	PASS	20	PASS	20
Copper	Cu	< 0.1	0.001	7.4	20	8	20
Iron	Fe	< 5	0.05	6.5	20	9.2	20
Lead	Pb	< 0.1	0.002	4.5	20	7.6	20
Magnesium	Mg	< 0.5	0.2	3.3	20	0.9	20
Manganese	Mn	< 0.1	0.01	0.3	20	4.2	20
Mercury	Hg	-	-	NC	20	NC	20
Molybdenum	Mo	< 0.1	0.002	PASS	20	PASS	20
Nickel	Ni	< 0.1	0.003	18.2	20	11.8	20
Phosphorus	P	< 0.5	0.1	2	20	0.5	20
Potassium	K	< 1	0.3	2	20	0.7	20
Selenium	Se	< 0.2	0.004	NC	20	NC	20
Silver	Ag	< 0.01	0.001	5.4	20	0	20
Sodium	Na	< 1	0.5	2.4	20	6.5	20
Strontium	Sr	< 0.05	0.002	0.5	20	1.8	20
Tellurium	Te	< 0.1	0.002	PASS	20	PASS	20
Thallium	Tl	< 0.02	0.002	NC	20	NC	20
Tin	Sn	< 0.1	0.01	NC	20	NC	20
Titanium	Ti	< 0.3	0.01	14.9	20	7.6	20
Uranium	U	< 0.04	0.002	NC	20	PASS	20
Vanadium	V	< 0.5	0.002	PASS	20	PASS	20
Zinc	Zn	< 0.5	0.04	0.3	20	2.2	20
Zirconium	Zr	< 3	0.04	NC	20	NC	20

ug/g = micrograms per gram, dry basis

R.P.D. = Relative Percent Difference

PASS = Duplicate sample results were in the range of one to five times the detection limit. R.P.D. calculation is not applicable in this range. Acceptance criteria is a maximum difference between the duplicates equivalent to the value of the detection limit.

NC = Not Calculated. Duplicate sample results were less than the detection limit. Relative Percent Difference calculation is not defined for analyte levels of less than detection limit.

REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: December 1, 2005

GROUP NUMBER: 60915076

Batch Quality Control for Dissolved Metals Analysis in Tissue (QC# 70755)

Parameter		Duplicate (R.P.D.) 509150381	Duplicate Limits	Duplicate (R.P.D.) 509150394	Duplicate Limits	NIST1573a Tomato Leaves (% Recovery)	NIST1573a Tomato Leaves Limits
Aluminum	Al	7.2	20	5.7	20	32	7 - 91
Antimony	Sb	0	20	NC	20	-	-
Arsenic	As	7	20	0	20	210	80 - 283
Barium	Ba	7.7	20	1	20	-	-
Beryllium	Be	NC	20	NC	20	-	-
Boron	B	PASS	20	NC	20	87	62 - 142
Cadmium	Cd	11.1	20	7.4	20	66	30 - 124
Calcium	Ca	3	20	7.3	20	94	60 - 120
Chromium	Cr	11.8	20	PASS	20	50	28 - 97
Cobalt	Co	PASS	20	PASS	20	100	50 - 150
Copper	Cu	8.7	20	8	20	85	59 - 125
Iron	Fe	6.3	20	4.9	20	105	52 - 167
Lead	Pb	11	20	0	20	-	-
Magnesium	Mg	6.1	20	2.1	20	-	-
Manganese	Mn	6.5	20	0.9	20	94	62 - 131
Mercury	Hg	NC	20	NC	20	100	66 - 110
Molybdenum	Mo	PASS	20	NC	20	-	-
Nickel	Ni	13.3	20	PASS	20	63	28 - 143
Phosphorus	P	7.2	20	2.2	20	92	60 - 120
Potassium	K	8.4	20	0.5	20	91	60 - 120
Selenium	Se	NC	20	NC	20	-	-
Silver	Ag	1.6	20	0	20	-	-
Sodium	Na	4.7	20	8.7	20	88	60 - 120
Strontium	Sr	4.1	20	0	20	-	-
Tellurium	Te	NC	20	NC	20	-	-
Thallium	Tl	NC	20	NC	20	-	-
Tin	Sn	NC	20	NC	20	-	-
Titanium	Ti	8.2	20	2.8	20	-	-
Uranium	U	NC	20	NC	20	-	-
Vanadium	V	PASS	20	NC	20	52	50 - 150
Zinc	Zn	0.3	20	7.8	20	94	49 - 109
Zirconium	Zr	NC	20	NC	20	-	-

ug/g = micrograms per gram, dry basis

R.P.D. = Relative Percent Difference

PASS = Duplicate sample results were in the range of one to five times the detection limit. R.P.D. calculation is not applicable in this range. Acceptance criteria is a maximum difference between the duplicates equivalent to the value of the detection limit.

NC = Not Calculated. Duplicate sample results were less than the detection limit. Relative Percent Difference calculation is not defined for analyte levels of less than detection limit.

REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: December 1, 2005

GROUP NUMBER: 60915076

Batch Quality Control for Dissolved Metals Analysis in Tissue (QC# 70755)

Parameter		NRC TORT-2, "Lobster Tissue" (% Recovery)	NRC TORT-2, "Lobster Tissue" Limits
Arsenic	As	90	66 - 113
Cadmium	Cd	91	63 - 118
Chromium	Cr	65	60 - 120
Cobalt	Co	98	60 - 120
Copper	Cu	90	60 - 120
Iron	Fe	93	60 - 120
Lead	Pb	114	39 - 150
Manganese	Mn	91	60 - 120
Mercury	Hg	85	85 - 115
Molybdenum	Mo	95	60 - 120
Nickel	Ni	84	50 - 122
Selenium	Se	92	67 - 118
Strontium	Sr	84	60 - 120
Vanadium	V	116	60 - 120
Zinc	Zn	89	53 - 125

ug/g = micrograms per gram, dry basis



REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: December 1, 2005

GROUP NUMBER: 60915076

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Instrument Quality Control for the Mercury Monitor (QC# 143145)

QC Type: Calibration Verification

Parameter		% Recovery	Limits
Mercury	Hg	107	90 - 110

REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: December 1, 2005

GROUP NUMBER: 60915076

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**Batch Quality Control Frequency Summary**

**Metals Plant Tissue Digestion (Batch# 70755)**

QC Type	No. Samples
NIST1573a Tomato Leaves	1
NRC TORT-2, "Lobster Tissue"	1
Blank	2
Duplicate	4
Batch Size	39

## Analysis Report



CANTEST LTD.

Professional  
Analytical  
Services

4606 Canada Way  
Burnaby, B.C.  
V5G 1K5

FAX: 604 731 2386

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1 800 665 8566

REPORT ON: **Analysis of Tissue Samples**

REPORTED TO: **Environmental Dynamics Inc.  
4722 Continental Way  
Prince George, BC  
V2N 5S5**

**Att'n: Pat Tobler**

CHAIN OF CUSTODY: **192283**  
PROJECT NAME: **Mt Nansen**  
PROJECT NUMBER: **05-YC-0025**  
P.O. NUMBER: **00010162**

---

NUMBER OF SAMPLES: 20

REPORT DATE: December 1, 2005

DATE SUBMITTED: September 13, 2005

GROUP NUMBER: 60915076

SAMPLE TYPE: Tissues

NOTE: Results contained in this report refer only to the testing of samples as submitted. Other information is available on request.

### TEST METHODS:

**Moisture Content of Plant Tissue** - analysis was performed gravimetrically by heating a pre-weighed portion of sample at 105C and measuring the weight loss.

**Mercury in Tissue** - samples were digested using a nitric acid-hydrogen peroxide digestion procedure based on EPA Method 200.3. Analysis was performed using Cold Vapour Atomic Absorption Spectrophotometry or Cold Vapour Atomic Fluorescence Spectrophotometry.

**Metals in Tissue** - samples were digested using a nitric acid-hydrogen peroxide digestion procedure based on EPA Method 200.3. Analysis was performed using Inductively Coupled Argon Plasma Spectroscopy (ICP), ICP Mass Spectrometry (ICP/MS), or Atomic Absorption techniques.

### TEST RESULTS:

(See following pages)

CANTEST LTD.

Richard S. Jornitz  
Supervisor, Inorganic Testing

A Member of the **CANAM** Group  
www.testing-labs.com

Page 1 of 12

# Analysis Report



CANTEST LTD.

**REPORT ON:** Analysis of Soil, Tissue Samples

Professional  
Analytical  
Services

**REPORTED TO:** Environmental Dynamics Inc.  
Box 5  
2011 Pulp Mill Rd  
Prince George, BC  
V2L 4R9

4606 Canada Way  
Burnaby, B.C.  
V5G 1K5

Att'n: Pat Tobler

Fax: 604 731 2386

Tel: 604 734 7276

**cc:** Environmental Dynamics 3128 3rd Avenue Whitehorse YK Y1A 1E7

1 800 665 8566

**CHAIN OF CUSTODY:** 190471, 190473, 190476, 190469, 190470, 190467, 190475, 190472, 190474, 190466,  
190468, 53948

**PROJECT NAME:** Mt. Nansen

**PROJECT NUMBER:** 05-YC-002

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**NUMBER OF SAMPLES:** 211

**REPORT DATE:** February 20, 2006

**DATE SUBMITTED:** November 18, 2005

**GROUP NUMBER:** 61123143

**SAMPLE TYPE:** Tissue, Soil

**NOTE:** Results contained in this report refer only to the testing of samples as submitted. Other information is available on request.

**TEST METHODS:**

**Water Soluble Anions in Soil or Solid Material** - analysis was performed using procedures based on U.S. EPA Method 300.0. The procedure includes a water leach followed by analysis using Ion Chromatography.

**Moisture in Soil** - analysis was performed gravimetrically by heating a separate sample portion at 105 C and measuring the weight loss.

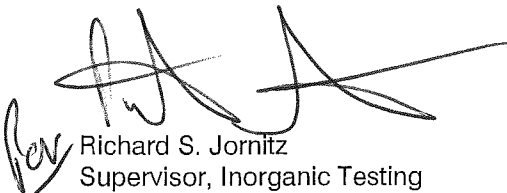
**Moisture Content of Plant Tissue** - analysis was performed gravimetrically by heating a pre-weighed portion of sample at 105C and measuring the weight loss.

**pH in Soil or Solid** - analysis was performed based on procedures described in the Manual on Soil Sampling and Methods of Analysis, published by the Canadian Society of Soil Science, 1993. The test was performed using a deionized water leach with measurement by pH meter.

**Total Kjeldahl Nitrogen** - analysis was performed using an acid digestion, steam distillation, and titration. Results are reported on a dry weight basis; the samples were dried at 60 C. This test was performed by a subcontractor.

(Continued)

CANTEST LTD.



Richard S. Jornitz  
Supervisor, Inorganic Testing



**REPORTED TO:** Environmental Dynamics Inc.



**REPORT DATE:** February 20, 2006

**GROUP NUMBER:** 61123143

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**Conventional Parameters** - analyses were performed using procedures based on those described in "British Columbia Environmental Laboratory Manual For the Analysis of Water, Wastewater, Sediment and Biological Materials" (1994 Edition), Province of British Columbia and "Standard Methods for the Examination of Water and Wastewater" 20th Edition, (1998), published by the American Public Health Association.

**Mercury in Tissue** - samples were digested using a nitric acid-hydrogen peroxide digestion procedure based on EPA Method 200.3. Analysis was performed using Cold Vapour Atomic Absorption Spectrophotometry or Cold Vapour Atomic Fluorescence Spectrophotometry.

**Metals in Tissue** - samples were digested using a nitric acid-hydrogen peroxide digestion procedure based on EPA Method 200.3. Analysis was performed using Inductively Coupled Argon Plasma Spectroscopy (ICP), ICP Mass Spectrometry (ICP/MS), or Atomic Absorption techniques.

**TEST RESULTS:**

(See following pages)



REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: February 20, 2006

GROUP NUMBER: 61123143

Conventional Parameters in Soil

CLIENT SAMPLE IDENTIFICATION:	SPMO-BVEG2 -1	SPMO-BVEG3 -1	SPMO-BVEG1 -1	DETECTION LIMIT	UNITS
CANTEST ID:	511230645	511230647	511230649		
Water Soluble Chloride Cl	70.5	112	28.9	5	µg/g
Water Soluble Sulphate SO4	234	798	201	10	µg/g
Total Cyanide	11.3	6.60	2.66	0.15	µg/g
Moisture	76.0	73.0	59.5	0.1	%
Total Kjeldahl Nitrogen N	1.33	1.12	1.16	0.02	% dry wt.
pH	7.1	5.7	7.2	0.1	pH units

µg/g = micrograms per gram, on a dry weight basis.      % = percent  
% dry wt. = percent, dry weight basis



REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: February 20, 2006

GROUP NUMBER: 61123143

Conventional Parameters in Tissue

CLIENT SAMPLE IDENTIFICATION:	EMNI-PONY3 -1	VAVI-PONY3 -1	VAVI-PONY3 -2	VAVI-DOMER 5-1	DETECTION LIMIT
CANTEST ID:	511230463	511230464	511230465	511230474	
Moisture	85.0	82.5	83.7	82.9	0.1

Results expressed as percent (%)



REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: February 20, 2006

GROUP NUMBER: 61123143

Conventional Parameters in Tissue

CLIENT SAMPLE IDENTIFICATION:	VAUL-DOMERVAUL-CP1-1 5-1	VAUL-CP1-1	VAVI-CP4-1	VAVI-CP4-2	DETECTION LIMIT
CANTEST ID:	511230476	511230477	511230481	511230482	
Moisture	84.1	83.7	84.7	84.6	0.1

Results expressed as percent (%)





REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: February 20, 2006

GROUP NUMBER: 61123143

Conventional Parameters in Tissue

CLIENT SAMPLE IDENTIFICATION:	VAUL-A5-3	VAVI-N5-1	EMNI-CP9-1	EMNI-Q5-1	DETECTION LIMIT
CANTEST ID:	511230483	511230485	511230488	511230489	
Moisture	87.1	80.9	86.3	90.6	0.1

Results expressed as percent (%)



REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: February 20, 2006

GROUP NUMBER: 61123143

**Conventional Parameters in Tissue**

CLIENT SAMPLE IDENTIFICATION:	EMNI-D5-1	EMNI-D5-2A	VAVI-CP5-1	VAVI-D3-1	DETECTION LIMIT
CANTEST ID:	511230494	511230496	511230500	511230502	
Moisture	87.9	81.8	83.5	83.0	0.1

Results expressed as percent (%)



REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: February 20, 2006

GROUP NUMBER: 61123143

Conventional Parameters in Tissue

CLIENT SAMPLE IDENTIFICATION:	VAVI-D3-2	VAVI-C2-1	EMNI-D5-2B	ROAC-EM3-1 B	
CANTEST ID:	511230503	511230507	511230528	511230542	DETECTION LIMIT
Moisture	82.7	82.7	83.5	73.2	0.1

Results expressed as percent (%)



REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: February 20, 2006

GROUP NUMBER: 61123143

Conventional Parameters in Tissue

CLIENT SAMPLE IDENTIFICATION:	VAVI-C3-1	VAVI-N1-1	VAVI-F2-1	VAVI-R1-1	DETECTION LIMIT
CANTEST ID:	511230549	511230553	511230554	511230555	
Moisture	85.6	84.9	82.6	84.1	0.1

Results expressed as percent (%)



REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: February 20, 2006

GROUP NUMBER: 61123143

**Conventional Parameters in Tissue**

CLIENT SAMPLE IDENTIFICATION:	VAVI-F1-1	VAVI-G3-1	VAVI-N3-1	VAVI-N3-2	
CANTEST ID:	511230563	511230565	511230569	511230571	DETECTION LIMIT
Moisture	85.7	84.3	86.7	86.1	0.1

Results expressed as percent (%)



REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: February 20, 2006

GROUP NUMBER: 61123143

Conventional Parameters in Tissue

CLIENT SAMPLE IDENTIFICATION:	EMNI-FG4-1	VAUL-FG4-1	VAUL-F3-1	EMNI-I3-1	DETECTION LIMIT
CANTEST ID:	511230572	511230573	511230574	511230590	
Moisture	87.3	84.1	83.6	76.6	0.1

Results expressed as percent (%)



REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: February 20, 2006

GROUP NUMBER: 61123143

Conventional Parameters in Tissue

CLIENT SAMPLE IDENTIFICATION:	VAUL-O3-1	EMNI-CP3-1	VAVI-CP3-1	VAVI-K4-1	DETECTION LIMIT
CANTEST ID:	511230591	511230595	511230596	511230599	
Moisture	78.0	86.3	84.7	85.9	0.1

Results expressed as percent (%)



REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: February 20, 2006

GROUP NUMBER: 61123143

Conventional Parameters in Tissue

CLIENT SAMPLE IDENTIFICATION:	VAVI-P5-1	EMNI-I2-1	EMNI-G2-1	VAVI-H3-1	DETECTION LIMIT
CANTEST ID:	511230607	511230611	511230623	511230634	
Moisture	86.4	89.6	87.4	84.0	0.1

Results expressed as percent (%)





REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: February 20, 2006

GROUP NUMBER: 61123143

**Conventional Parameters in Tissue**

CLIENT SAMPLE IDENTIFICATION:	EMNI-C2-1	ROAC-EM3-1 A	ROAC-EM3-2	VAUL-K3-1	DETECTION LIMIT
CANTEST ID:	511230637	511230638	511230639	511230653	
Moisture	79.0	68.4	69.3	81.5	0.1

Results expressed as percent (%)



REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: February 20, 2006

GROUP NUMBER: 61123143

Conventional Parameters in Tissue

CLIENT SAMPLE IDENTIFICATION:	VAUL-CP7-1	VAVI-CP8-1 A	VAUL-CP8-1	VAVI-P4-1	DETECTION LIMIT
CANTEST ID:	511230662	511230667	511230668	511230670	
Moisture	83.1	84.3	85.5	83.8	0.1

Results expressed as percent (%)



REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: February 20, 2006

GROUP NUMBER: 61123143

**Conventional Parameters in Tissue**

CLIENT SAMPLE IDENTIFICATION:	VAVI-D2-1	VAVI-DOME3 -1	VAVI-H2-1	EMNI-G1-1	DETECTION LIMIT
CANTEST ID:	511230675	511230693	511230697	511230700	
Moisture	84.7	86.3	84.0	86.9	0.1

Results expressed as percent (%)



REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: February 20, 2006

GROUP NUMBER: 61123143

**Conventional Parameters in Tissue**

CLIENT SAMPLE IDENTIFICATION:	VAVI-G1-1	VAVI-H1-1	VAVI-C1-1	VAVI-I1-1	DETECTION LIMIT
CANTEST ID:	511230701	511230704	511230710	511230720	
Moisture	81.8	82.7	84.4	85.3	0.1

Results expressed as percent (%)



REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: February 20, 2006

GROUP NUMBER: 61123143

**Conventional Parameters in Tissue**

CLIENT SAMPLE IDENTIFICATION:	EMNI-O1-1	VAVI-O1-1	VAUL-O1-1	VAVI-P3-1	DETECTION LIMIT
CANTEST ID:	511230723	511230724	511230725	511230728	
Moisture	85.8	84.0	80.6	84.4	0.1

Results expressed as percent (%)



REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: February 20, 2006

GROUP NUMBER: 61123143

Conventional Parameters in Tissue

CLIENT SAMPLE IDENTIFICATION:	EMNI-O2-1	VAVI-O2-1	VAVI-CP3-1 B	ROAC-M2-1	DETECTION LIMIT
CANTEST ID:	511230729	511230730	511230733	511230738	
Moisture	87.3	84.0	84.8	66.0	0.1

Results expressed as percent (%)



REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: February 20, 2006

GROUP NUMBER: 61123143

Conventional Parameters in Tissue

CLIENT SAMPLE IDENTIFICATION:	VAVI-I4-1	VAUL-LO4-1	VAVI-N4-1	DETECTION LIMIT
CANTEST ID:	511230740	511230742	511240010	
Moisture	84.0	75.3	83.0	0.1

Results expressed as percent (%)



REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: February 20, 2006

GROUP NUMBER: 61123143

**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		LELA-DOMER 7-1A	LELA-PONY3 -1	SASP-PONY3 -2	SASP-PONY3 -1	DETECTION LIMIT
CANTEST ID:		511230459	511230460	511230461	511230462	
Aluminum	Al	16.7	72.4	13.0	18.8	0.5
Antimony	Sb	0.1	1.4	<	0.1	0.1
Arsenic	As	1.7	12.5	0.6	0.9	0.1
Barium	Ba	37.8	41.4	12.7	10.9	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	40	25	10	9	2
Cadmium	Cd	0.05	0.27	11.8	16.0	0.02
Calcium	Ca	8970	8670	11300	11200	1
Chromium	Cr	<	<	<	<	0.1
Cobalt	Co	<	<	0.7	0.4	0.1
Copper	Cu	3.3	5.1	4.3	4.4	0.1
Iron	Fe	122	509	138	139	5
Lead	Pb	0.7	5.2	0.3	0.5	0.1
Magnesium	Mg	2360	1850	2110	2130	0.5
Manganese	Mn	107	318	696	471	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	<	<	<	<	0.1
Nickel	Ni	0.3	0.3	0.2	0.2	0.1
Phosphorus	P	1460	1270	851	861	0.5
Potassium	K	4970	4760	3570	3690	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	82	125	68	59	10
Silver	Ag	0.02	0.15	0.03	0.03	0.01
Sodium	Na	6	13	286	180	1
Strontium	Sr	13.0	22.7	57.2	54.5	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	0.12	0.14	<	<	0.02
Tin	Sn	<	<	<	<	0.1
Titanium	Ti	1.8	2.7	1.1	1.4	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	<	<	<	<	0.5
Zinc	Zn	30.2	71.5	416	457	0.5
Zirconium	Zr	<	<	<	<	3

Results expressed as micrograms per gram, dry basis ( $\mu\text{g/g}$ )

< = Less than detection limit





REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: February 20, 2006

GROUP NUMBER: 61123143

**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		EMNI-PONY3 -1	VAVI-PONY3 -1	VAVI-PONY3 -2	VAUL-PONY3 -1	DETECTION LIMIT
CANTEST ID:		511230463	511230464	511230465	511230467	
Aluminum	Al	4.4	16.8	17.3	55.2	0.5
Antimony	Sb	<	<	<	<	0.1
Arsenic	As	<	<	<	1.0	0.1
Barium	Ba	6.7	8.1	7.1	55.0	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	7	11	9	21	2
Cadmium	Cd	0.09	0.04	<	1.85	0.02
Calcium	Ca	1010	1720	1310	16100	1
Chromium	Cr	<	<	<	<	0.1
Cobalt	Co	<	<	<	<	0.1
Copper	Cu	4.8	4.3	4.1	2.9	0.1
Iron	Fe	18	16	14	152	5
Lead	Pb	<	<	<	0.1	0.1
Magnesium	Mg	562	692	627	4370	0.5
Manganese	Mn	190	475	420	506	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	<	<	<	<	0.1
Nickel	Ni	<	0.1	0.2	0.3	0.1
Phosphorus	P	785	1080	886	414	0.5
Potassium	K	11100	8000	7460	3160	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	105	96	92	101	10
Silver	Ag	<	<	<	<	0.01
Sodium	Na	16	2	2	27	1
Strontium	Sr	0.91	2.52	0.94	73.6	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	<	<	<	<	0.02
Tin	Sn	1.7	<	<	<	0.1
Titanium	Ti	0.7	0.7	0.6	0.8	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	<	<	<	<	0.5
Zinc	Zn	10.7	10.7	9.6	59.0	0.5
Zirconium	Zr	<	<	<	<	3

Results expressed as micrograms per gram, dry basis ( $\mu\text{g/g}$ )

< = Less than detection limit



REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: February 20, 2006

GROUP NUMBER: 61123143

**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		LELA-DOMER 5-1	VAVI-DOMER 5-1	VAUL-DOMER 5-1	VAUL-CP1-1	DETECTION LIMIT
CANTEST ID:		511230468	511230474	511230476	511230477	
Aluminum	Al	34.2	11.4	9.3	7.2	0.5
Antimony	Sb	<	<	<	<	0.1
Arsenic	As	0.9	<	<	<	0.1
Barium	Ba	24.1	6.0	14.7	12.7	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	33	12	25	14	2
Cadmium	Cd	0.09	0.04	0.10	0.79	0.02
Calcium	Ca	6710	1420	1750	1680	1
Chromium	Cr	<	<	<	<	0.1
Cobalt	Co	<	<	<	<	0.1
Copper	Cu	3.1	2.7	3.3	3.8	0.1
Iron	Fe	175	22	28	21	5
Lead	Pb	0.3	<	<	<	0.1
Magnesium	Mg	2330	730	913	793	0.5
Manganese	Mn	73.0	246	270	445	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	<	<	<	0.2	0.1
Nickel	Ni	0.2	0.2	0.7	0.7	0.1
Phosphorus	P	1200	1190	1350	1840	0.5
Potassium	K	4460	8260	7080	9960	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	89	113	97	92	10
Silver	Ag	<	<	<	<	0.01
Sodium	Na	30	44	25	9	1
Strontium	Sr	8.74	2.14	4.09	2.10	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	0.07	<	<	<	0.02
Tin	Sn	<	<	<	<	0.1
Titanium	Ti	1.6	0.8	0.8	1.1	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	<	<	<	<	0.5
Zinc	Zn	26.7	8.5	17.2	17.7	0.5
Zirconium	Zr	<	<	<	<	3

Results expressed as micrograms per gram, dry basis ( $\mu\text{g/g}$ )

< = Less than detection limit



REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: February 20, 2006

GROUP NUMBER: 61123143

**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		SASP-CP4-1	VAVI-CP4-1	VAVI-CP4-2	VAUL-A5-3	DETECTION LIMIT
CANTEST ID:		511230480	511230481	511230482	511230483	
Aluminum	Al	49.4	23.6	24.2	3.1	0.5
Antimony	Sb	<	<	<	<	0.1
Arsenic	As	0.1	<	<	<	0.1
Barium	Ba	116	14.7	17.6	29.9	0.1
Beryllium	Be	0.02	<	<	<	0.02
Boron	B	8	7	8	17	2
Cadmium	Cd	6.37	0.08	0.07	0.54	0.02
Calcium	Ca	21400	1820	1890	2360	1
Chromium	Cr	<	<	<	<	0.1
Cobalt	Co	0.9	<	<	<	0.1
Copper	Cu	3.4	4.9	4.7	5.6	0.1
Iron	Fe	108	20	20	23	5
Lead	Pb	0.2	<	<	<	0.1
Magnesium	Mg	4100	807	815	842	0.5
Manganese	Mn	361	257	236	89.0	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	<	0.2	0.2	0.2	0.1
Nickel	Ni	2.9	0.7	0.5	0.7	0.1
Phosphorus	P	3050	1280	1220	1530	0.5
Potassium	K	10600	8040	7770	9910	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	56	122	127	118	10
Silver	Ag	<	<	<	<	0.01
Sodium	Na	8	3	4	6	1
Strontium	Sr	142	3.87	4.06	7.10	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	<	<	<	<	0.02
Tin	Sn	<	<	<	<	0.1
Titanium	Ti	2.6	0.9	0.8	0.9	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	<	<	<	<	0.5
Zinc	Zn	86.3	7.9	8.3	23.2	0.5
Zirconium	Zr	<	<	<	<	3

Results expressed as micrograms per gram, dry basis ( $\mu\text{g/g}$ )  
 < = Less than detection limit



REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: February 20, 2006

GROUP NUMBER: 61123143

**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		PIGL-E2-1	VAVI-N5-1	SASP-C5-1	EMNI-CP9-1	DETECTION LIMIT
CANTEST ID:		511230484	511230485	511230486	511230488	
Aluminum	Al	16.0	17.7	18.7	8.6	0.5
Antimony	Sb	<	<	<	<	0.1
Arsenic	As	<	<	<	<	0.1
Barium	Ba	2.6	12.6	57.6	6.2	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	<	5	14	7	2
Cadmium	Cd	<	<	2.90	0.04	0.02
Calcium	Ca	273	1670	16300	1170	1
Chromium	Cr	0.2	<	<	<	0.1
Cobalt	Co	<	<	0.6	<	0.1
Copper	Cu	0.1	3.2	3.1	4.7	0.1
Iron	Fe	24	19	86	21	5
Lead	Pb	<	<	<	<	0.1
Magnesium	Mg	27.8	733	3060	531	0.5
Manganese	Mn	8.9	270	1320	46.0	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	<	<	0.9	<	0.1
Nickel	Ni	<	0.3	1.3	0.2	0.1
Phosphorus	P	17.1	1180	1480	1060	0.5
Potassium	K	74	8200	11100	9960	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	121	104	50	106	10
Silver	Ag	<	<	<	<	0.01
Sodium	Na	2	2	2	11	1
Strontium	Sr	0.72	2.35	49.4	1.81	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	<	<	<	<	0.02
Tin	Sn	<	<	<	<	0.1
Titanium	Ti	0.7	0.8	1.6	1.1	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	0.7	<	<	<	0.5
Zinc	Zn	1.4	7.9	189	6.7	0.5
Zirconium	Zr	<	<	<	<	3

Results expressed as micrograms per gram, dry basis ( $\mu\text{g/g}$ )  
 < = Less than detection limit



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**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		EMNI-Q5-1	LELA-H5-1	LELA-CP6-1	SASP-CP6-1	DETECTION LIMIT
CANTEST ID:		511230489	511230490	511230491	511230492	
Aluminum	Al	4.8	7.9	31.0	26.6	0.5
Antimony	Sb	<	<	<	<	0.1
Arsenic	As	<	<	<	0.1	0.1
Barium	Ba	4.7	56.6	63.2	52.7	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	10	19	19	6	2
Cadmium	Cd	0.04	0.05	0.06	5.37	0.02
Calcium	Ca	823	6000	7360	13100	1
Chromium	Cr	<	<	<	<	0.1
Cobalt	Co	<	<	<	1.0	0.1
Copper	Cu	4.4	3.6	3.5	3.4	0.1
Iron	Fe	18	42	53	83	5
Lead	Pb	<	<	<	0.1	0.1
Magnesium	Mg	474	942	1240	1890	0.5
Manganese	Mn	26.0	733	2070	1860	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	<	0.2	<	<	0.1
Nickel	Ni	<	0.2	0.3	3.3	0.1
Phosphorus	P	884	1500	1570	1090	0.5
Potassium	K	11600	5340	5410	4510	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	117	68	83	65	10
Silver	Ag	<	<	<	0.01	0.01
Sodium	Na	38	3	1	32	1
Strontium	Sr	1.14	8.76	6.66	66.3	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	<	<	0.03	<	0.02
Tin	Sn	<	<	<	<	0.1
Titanium	Ti	0.8	1.1	1.8	1.2	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	<	<	<	<	0.5
Zinc	Zn	5.6	26.4	26.0	148	0.5
Zirconium	Zr	<	<	<	<	3

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**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		VAUL-R5-1	EMNI-D5-1	EMNI-D5-2A	SASP-CPS-1	DETECTION LIMIT
CANTEST ID:		511230493	511230494	511230496	511230497	
Aluminum	Al	66.9	10.7	3.9	113	0.5
Antimony	Sb	<	<	<	<	0.1
Arsenic	As	<	<	<	<	0.1
Barium	Ba	83.7	7.8	5.1	110	0.1
Beryllium	Be	<	<	<	0.03	0.02
Boron	B	53	13	12	5	2
Cadmium	Cd	0.95	<	0.07	14.6	0.02
Calcium	Ca	11700	1200	905	22800	1
Chromium	Cr	<	<	<	<	0.1
Cobalt	Co	<	<	<	1.6	0.1
Copper	Cu	3.4	4.5	3.5	3.4	0.1
Iron	Fe	57	22	13	96	5
Lead	Pb	<	<	<	0.1	0.1
Magnesium	Mg	3160	610	443	6360	0.5
Manganese	Mn	1140	98.4	68.5	492	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	<	<	<	<	0.1
Nickel	Ni	0.2	<	<	3.3	0.1
Phosphorus	P	580	976	776	2260	0.5
Potassium	K	3240	11800	10000	7630	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	94	110	80	69	10
Silver	Ag	<	<	<	<	0.01
Sodium	Na	2	45	14	5	1
Strontium	Sr	18.0	1.60	0.81	145	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	<	<	<	<	0.02
Tin	Sn	<	<	<	<	0.1
Titanium	Ti	0.7	0.8	0.7	2.3	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	<	<	<	<	0.5
Zinc	Zn	58.9	11.0	7.3	112	0.5
Zirconium	Zr	<	<	<	<	3

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**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		VAVI-CP5-1	SASP-D1-1	VAVI-D3-1	VAVI-D3-2	DETECTION LIMIT
CANTEST ID:		511230500	511230501	511230502	511230503	
Aluminum	Al	18.3	17.5	7.6	6.5	0.5
Antimony	Sb	<	<	<	<	0.1
Arsenic	As	<	0.2	<	<	0.1
Barium	Ba	13.4	35.6	18.4	16.5	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	8	39	16	18	2
Cadmium	Cd	0.11	13.8	0.05	0.06	0.02
Calcium	Ca	2160	15200	3000	3270	1
Chromium	Cr	<	<	<	<	0.1
Cobalt	Co	<	0.5	<	<	0.1
Copper	Cu	3.3	5.2	2.9	3.3	0.1
Iron	Fe	22	92	19	23	5
Lead	Pb	<	<	<	<	0.1
Magnesium	Mg	813	2150	793	968	0.5
Manganese	Mn	457	425	166	170	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	<	0.5	0.1	0.1	0.1
Nickel	Ni	0.3	2.3	0.2	0.2	0.1
Phosphorus	P	1470	3130	1170	1350	0.5
Potassium	K	9260	10600	8230	9930	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	123	67	120	130	10
Silver	Ag	<	<	<	<	0.01
Sodium	Na	5	2	1	3	1
Strontium	Sr	4.35	47.5	7.09	8.45	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	<	<	<	<	0.02
Tin	Sn	<	<	<	<	0.1
Titanium	Ti	1.1	2.8	0.8	0.9	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	<	<	<	<	0.5
Zinc	Zn	11.4	356	10.2	11.8	0.5
Zirconium	Zr	<	<	<	<	3

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**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		LELA-DUST3 -1	MARI-DUST2 -1	WHGR-TAIL- 2	VAVI-C2-1	DETECTION LIMIT
CANTEST ID:		511230504	511230505	511230506	511230507	
Aluminum	Al	91.6	132	15.0	19.5	0.5
Antimony	Sb	<	<	0.7	<	0.1
Arsenic	As	0.8	1.8	3.5	<	0.1
Barium	Ba	104	9.1	5.8	11.5	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	34	<	13	9	2
Cadmium	Cd	0.05	0.20	0.07	0.05	0.02
Calcium	Ca	8520	4030	4890	1580	1
Chromium	Cr	0.4	0.3	0.2	<	0.1
Cobalt	Co	<	0.2	<	<	0.1
Copper	Cu	3.0	1.0	2.7	4.2	0.1
Iron	Fe	228	280	64	18	5
Lead	Pb	0.3	3.2	1.3	<	0.1
Magnesium	Mg	1670	166	393	614	0.5
Manganese	Mn	1240	52.2	51.2	251	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	<	<	0.2	0.1	0.1
Nickel	Ni	0.4	0.7	0.3	0.4	0.1
Phosphorus	P	1550	320	968	1020	0.5
Potassium	K	4900	1670	7620	7580	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	120	80	193	112	10
Silver	Ag	<	0.06	0.06	<	0.01
Sodium	Na	2	64	3	2	1
Strontium	Sr	10.3	2.94	16.9	1.93	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	0.03	<	<	<	0.02
Tin	Sn	<	<	<	0.2	0.1
Titanium	Ti	3.7	5.8	1.1	0.7	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	0.6	0.6	<	<	0.5
Zinc	Zn	37.6	22.1	32.3	8.5	0.5
Zirconium	Zr	<	<	<	<	3

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**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		LELA-J3-1	VAUL-CP9-1	CLMI-K3-1	CLMI-K3-2A	DETECTION LIMIT
CANTEST ID:		511230508	511230509	511230510	511230511	
Aluminum	Al	10.5	197	248	323	0.5
Antimony	Sb	<	<	1.4	1.9	0.1
Arsenic	As	0.7	0.2	12.4	16.9	0.1
Barium	Ba	47.8	38.9	7.5	8.3	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	20	16	<	<	2
Cadmium	Cd	<	1.96	0.33	0.41	0.02
Calcium	Ca	8640	10900	1500	2060	1
Chromium	Cr	<	<	0.2	0.2	0.1
Cobalt	Co	<	<	0.1	0.2	0.1
Copper	Cu	3.0	3.4	2.4	3.2	0.1
Iron	Fe	61	93	612	850	5
Lead	Pb	0.4	<	10.8	15.0	0.1
Magnesium	Mg	1630	3280	335	391	0.5
Manganese	Mn	741	1800	74.3	62.0	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	<	0.3	<	<	0.1
Nickel	Ni	0.1	0.5	0.4	0.4	0.1
Phosphorus	P	1480	1920	446	488	0.5
Potassium	K	4330	4780	1390	1480	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	111	96	87	77	10
Silver	Ag	0.01	<	0.60	0.84	0.01
Sodium	Na	2	9	10	12	1
Strontium	Sr	9.27	19.6	3.40	4.39	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	0.03	<	<	<	0.02
Tin	Sn	<	<	<	<	0.1
Titanium	Ti	1.4	2.4	10.8	12.8	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	<	<	1.1	1.5	0.5
Zinc	Zn	25.4	43.1	28.1	38.0	0.5
Zirconium	Zr	<	<	<	<	3

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**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		CLMI-DUST2 -1A	CLMI-DUST1 -1	CLMI-DUST3 -1	CLMI-L/O4- 1	DETECTION LIMIT
CANTEST ID:		511230512	511230514	511230515	511230516	
Aluminum	Al	193	310	158	208	0.5
Antimony	Sb	0.2	0.4	<	0.3	0.1
Arsenic	As	4.9	5.3	1.7	2.4	0.1
Barium	Ba	11.1	12.1	12.7	6.5	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	<	<	<	<	2
Cadmium	Cd	0.25	0.35	0.12	0.11	0.02
Calcium	Ca	1290	1060	1540	1110	1
Chromium	Cr	0.3	0.3	0.7	0.2	0.1
Cobalt	Co	0.3	0.2	0.2	0.1	0.1
Copper	Cu	1.2	1.6	1.2	0.9	0.1
Iron	Fe	431	639	304	296	5
Lead	Pb	2.1	3.7	0.8	2.2	0.1
Magnesium	Mg	423	458	657	274	0.5
Manganese	Mn	155	77.4	189	50.5	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	<	<	<	<	0.1
Nickel	Ni	0.7	0.4	0.6	0.3	0.1
Phosphorus	P	542	625	1080	362	0.5
Potassium	K	1840	1640	2760	1120	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	71	74	71	85	10
Silver	Ag	0.15	0.25	0.10	0.25	0.01
Sodium	Na	8	8	11	11	1
Strontium	Sr	3.64	3.17	4.64	2.94	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	<	<	<	<	0.02
Tin	Sn	<	<	<	<	0.1
Titanium	Ti	7.2	32.4	8.4	14.3	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	0.9	1.8	0.9	0.8	0.5
Zinc	Zn	25.3	18.6	22.5	12.0	0.5
Zirconium	Zr	<	<	<	<	3

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**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		CLMI-DUST2-1B	CLMI-K3-2B	EMNI-D5-2B	LELA-DOMER 7-1B	DETECTION LIMIT
CANTEST ID:		511230517	511230519	511230528	511230531	
Aluminum	Al	207	312	5.3	16.1	0.5
Antimony	Sb	0.2	1.9	<	0.1	0.1
Arsenic	As	4.9	17.1	<	1.7	0.1
Barium	Ba	10.8	9.1	6.4	33.6	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	<	<	12	34	2
Cadmium	Cd	0.23	0.44	<	<	0.02
Calcium	Ca	1140	2020	898	7290	1
Chromium	Cr	0.3	0.3	0.3	0.1	0.1
Cobalt	Co	0.2	0.2	<	<	0.1
Copper	Cu	1.2	3.1	4.5	3.2	0.1
Iron	Fe	447	818	13	106	5
Lead	Pb	2.0	15.0	<	0.9	0.1
Magnesium	Mg	397	406	441	2040	0.5
Manganese	Mn	136	78.9	76.5	83.1	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	<	<	<	<	0.1
Nickel	Ni	0.7	0.4	<	0.2	0.1
Phosphorus	P	546	485	759	1310	0.5
Potassium	K	1780	1580	9450	4400	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	62	78	86	77	10
Silver	Ag	0.16	0.82	<	0.01	0.01
Sodium	Na	8	12	18	7	1
Strontium	Sr	2.87	4.67	1.11	12.6	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	<	<	<	0.11	0.02
Tin	Sn	<	<	<	<	0.1
Titanium	Ti	8.3	12.4	0.6	1.4	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	1.0	1.5	<	<	0.5
Zinc	Zn	23.0	38.7	9.3	35.1	0.5
Zirconium	Zr	<	<	<	<	3

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**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		ROAC-EM3-1 B	SASP-C3-1	VAVI-C3-1	LELA-N1-1	DETECTION LIMIT
CANTEST ID:		511230542	511230543	511230549	511230552	
Aluminum	Al	3.5	13.0	13.4	23.6	0.5
Antimony	Sb	<	<	<	<	0.1
Arsenic	As	<	<	<	0.4	0.1
Barium	Ba	46.3	10.6	10.3	45.2	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	7	9	9	30	2
Cadmium	Cd	0.03	1.25	<	<	0.02
Calcium	Ca	12000	6300	1320	6050	1
Chromium	Cr	<	<	<	0.1	0.1
Cobalt	Co	<	0.7	<	<	0.1
Copper	Cu	3.2	2.8	3.8	2.7	0.1
Iron	Fe	48	73	13	55	5
Lead	Pb	<	<	<	0.3	0.1
Magnesium	Mg	2530	1130	546	991	0.5
Manganese	Mn	403	1130	457	558	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	<	<	0.1	<	0.1
Nickel	Ni	0.9	0.6	0.3	0.2	0.1
Phosphorus	P	2760	768	851	1230	0.5
Potassium	K	13300	8760	6660	4310	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	104	85	131	116	10
Silver	Ag	<	<	<	0.01	0.01
Sodium	Na	5	24	4	5	1
Strontium	Sr	53.3	25.8	1.64	8.25	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	<	<	<	0.02	0.02
Tin	Sn	<	<	<	<	0.1
Titanium	Ti	1.4	0.8	0.5	1.2	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	<	<	<	<	0.5
Zinc	Zn	12.1	193	9.2	33.1	0.5
Zirconium	Zr	<	<	<	<	3

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**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		VAVI-N1-1	VAVI-F2-1	VAVI-R1-1	LELA-R3-1	DETECTION LIMIT
CANTEST ID:		511230553	511230554	511230555	511230557	
Aluminum	Al	14.3	31.4	21.3	43.0	0.5
Antimony	Sb	<	<	<	<	0.1
Arsenic	As	<	<	0.1	1.4	0.1
Barium	Ba	10.7	15.6	10.1	75.1	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	19	5	7	15	2
Cadmium	Cd	<	<	<	<	0.02
Calcium	Ca	1810	1110	1140	5880	1
Chromium	Cr	<	<	<	<	0.1
Cobalt	Co	<	<	<	<	0.1
Copper	Cu	5.2	3.8	3.6	2.5	0.1
Iron	Fe	15	13	12	87	5
Lead	Pb	<	<	<	0.5	0.1
Magnesium	Mg	705	577	545	1330	0.5
Manganese	Mn	250	193	270	1660	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	<	<	<	<	0.1
Nickel	Ni	0.2	0.5	0.2	0.3	0.1
Phosphorus	P	1180	839	927	873	0.5
Potassium	K	7660	5530	5990	2540	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	108	100	121	122	10
Silver	Ag	<	<	<	<	0.01
Sodium	Na	3	3	4	4	1
Strontium	Sr	2.32	2.22	1.67	8.11	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	<	<	<	<	0.02
Tin	Sn	<	<	<	<	0.1
Titanium	Ti	0.6	0.5	0.5	1.2	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	<	<	<	<	0.5
Zinc	Zn	15.5	8.0	9.1	36.2	0.5
Zirconium	Zr	<	<	<	<	3

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**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		SASP-R3-1	VAVI-F1-1	MARI-F1-1	VAVI-G3-1	DETECTION LIMIT
CANTEST ID:		511230558	511230563	511230564	511230565	
Aluminum	Al	51.0	44.8	69.6	22.2	0.5
Antimony	Sb	0.1	<	<	<	0.1
Arsenic	As	3.5	<	0.9	<	0.1
Barium	Ba	15.9	10.1	5.7	13.3	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	4	5	<	5	2
Cadmium	Cd	3.87	<	0.15	<	0.02
Calcium	Ca	14700	896	3110	1560	1
Chromium	Cr	0.3	<	0.3	<	0.1
Cobalt	Co	0.4	<	0.2	<	0.1
Copper	Cu	3.2	4.0	0.8	3.5	0.1
Iron	Fe	251	22	108	14	5
Lead	Pb	1.2	<	3.4	<	0.1
Magnesium	Mg	4370	492	244	604	0.5
Manganese	Mn	394	444	51.8	324	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	0.4	0.1	<	0.1	0.1
Nickel	Ni	0.9	0.3	0.4	0.3	0.1
Phosphorus	P	1050	887	547	1180	0.5
Potassium	K	7210	6660	2020	6350	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	85	106	73	97	10
Silver	Ag	0.01	<	0.12	<	0.01
Sodium	Na	41	1	29	3	1
Strontium	Sr	64.0	1.78	6.21	2.44	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	<	<	<	<	0.02
Tin	Sn	<	<	<	<	0.1
Titanium	Ti	3.7	1.0	4.8	0.6	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	0.6	<	<	<	0.5
Zinc	Zn	195	8.4	24.6	9.5	0.5
Zirconium	Zr	<	<	<	<	3

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**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		VAUL-N3-1	VAVI-N3-1	VAVI-N3-2	EMNI-FG4-1	DETECTION LIMIT
CANTEST ID:		511230567	511230569	511230571	511230572	
Aluminum	Al	18.0	15.7	14.9	6.9	0.5
Antimony	Sb	<	<	<	<	0.1
Arsenic	As	<	<	<	<	0.1
Barium	Ba	26.2	4.5	4.5	6.1	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	7	11	11	6	2
Cadmium	Cd	1.50	<	<	<	0.02
Calcium	Ca	11900	1210	1040	650	1
Chromium	Cr	<	<	0.2	0.2	0.1
Cobalt	Co	<	<	<	<	0.1
Copper	Cu	2.5	4.0	3.6	5.1	0.1
Iron	Fe	51	12	10	11	5
Lead	Pb	<	<	<	<	0.1
Magnesium	Mg	3280	541	511	449	0.5
Manganese	Mn	386	256	242	148	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	<	<	<	<	0.1
Nickel	Ni	0.5	0.2	0.1	0.2	0.1
Phosphorus	P	442	953	884	484	0.5
Potassium	K	5590	7440	6670	8330	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	173	98	86	76	10
Silver	Ag	<	<	<	<	0.01
Sodium	Na	47	3	5	17	1
Strontium	Sr	28.0	1.79	1.61	0.60	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	<	<	<	<	0.02
Tin	Sn	<	<	<	<	0.1
Titanium	Ti	0.6	0.5	0.5	0.4	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	<	<	<	<	0.5
Zinc	Zn	72.7	14.0	12.1	5.6	0.5
Zirconium	Zr	<	<	<	<	3

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**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		VAUL-FG4-1	VAUL-F3-1	SASP-N2-1	SASP-I4-1	DETECTION LIMIT
CANTEST ID:		511230573	511230574	511230575	511230576	
Aluminum	Al	7.3	8.8	21.2	32.2	0.5
Antimony	Sb	<	<	<	<	0.1
Arsenic	As	<	<	0.2	<	0.1
Barium	Ba	6.6	10.9	16.8	28.2	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	13	15	11	7	2
Cadmium	Cd	0.13	0.02	16.6	1.19	0.02
Calcium	Ca	1240	1110	11600	9200	1
Chromium	Cr	<	<	0.2	<	0.1
Cobalt	Co	<	<	0.2	2.3	0.1
Copper	Cu	4.3	4.5	2.5	2.4	0.1
Iron	Fe	12	16	72	82	5
Lead	Pb	<	<	0.2	<	0.1
Magnesium	Mg	619	652	2960	1890	0.5
Manganese	Mn	555	196	357	807	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	0.2	0.2	<	0.2	0.1
Nickel	Ni	1.2	0.7	1.3	0.8	0.1
Phosphorus	P	956	1590	1070	2040	0.5
Potassium	K	7950	6140	7940	7510	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	75	69	107	95	10
Silver	Ag	<	<	0.04	<	0.01
Sodium	Na	3	12	16	78	1
Strontium	Sr	1.00	2.64	56.4	81.7	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	<	<	<	<	0.02
Tin	Sn	<	<	<	<	0.1
Titanium	Ti	0.5	0.8	1.3	1.5	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	<	<	<	<	0.5
Zinc	Zn	18.8	17.8	454	183	0.5
Zirconium	Zr	<	<	<	<	3

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**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		LELA-CP2-1 A-a	SASP-CP2-1	LELA-I3-1	EMNI-I3-1	DETECTION LIMIT
CANTEST ID:		511230578	511230588	511230589	511230590	
Aluminum	Al	24.6	109	14.3	3.0	0.5
Antimony	Sb	<	<	<	<	0.1
Arsenic	As	<	0.1	0.5	<	0.1
Barium	Ba	54.2	130	47.1	3.1	0.1
Beryllium	Be	<	0.03	<	<	0.02
Boron	B	13	10	23	4	2
Cadmium	Cd	<	5.64	<	<	0.02
Calcium	Ca	5090	14200	5230	445	1
Chromium	Cr	<	0.1	<	<	0.1
Cobalt	Co	<	1.6	<	<	0.1
Copper	Cu	3.0	3.6	4.1	2.7	0.1
Iron	Fe	40	77	51	8	5
Lead	Pb	<	0.2	0.3	<	0.1
Magnesium	Mg	1200	3970	899	269	0.5
Manganese	Mn	923	504	1360	32.4	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	<	0.1	<	<	0.1
Nickel	Ni	0.2	3.6	0.2	0.3	0.1
Phosphorus	P	1320	3210	1130	433	0.5
Potassium	K	4080	7750	4000	5130	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	105	90	82	46	10
Silver	Ag	<	<	<	<	0.01
Sodium	Na	2	13	5	12	1
Strontium	Sr	8.05	130	7.79	0.80	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	0.04	<	<	<	0.02
Tin	Sn	<	<	<	<	0.1
Titanium	Ti	0.9	2.1	0.8	<	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	<	<	<	<	0.5
Zinc	Zn	27.5	123	35.3	5.1	0.5
Zirconium	Zr	<	<	<	<	3

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**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		VAUL-O3-1	LELA-Q4-1	VAUL-L3-1	PIGL-L3-1	DETECTION LIMIT
CANTEST ID:		511230591	511230592	511230593	511230594	
Aluminum	Al	5.6	20.3	47.4	26.9	0.5
Antimony	Sb	<	<	<	<	0.1
Arsenic	As	<	<	0.2	0.3	0.1
Barium	Ba	6.8	65.9	54.4	8.2	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	17	11	27	<	2
Cadmium	Cd	0.08	<	0.66	<	0.02
Calcium	Ca	840	5300	8320	657	1
Chromium	Cr	<	<	<	0.2	0.1
Cobalt	Co	<	<	<	<	0.1
Copper	Cu	5.0	3.6	3.4	0.4	0.1
Iron	Fe	13	38	61	38	5
Lead	Pb	<	<	<	0.2	0.1
Magnesium	Mg	519	1030	2280	34.0	0.5
Manganese	Mn	225	775	810	3.3	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	<	<	<	<	0.1
Nickel	Ni	0.5	0.2	0.4	<	0.1
Phosphorus	P	987	1040	736	28.8	0.5
Potassium	K	8120	3640	4330	160	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	63	114	150	154	10
Silver	Ag	<	<	<	0.01	0.01
Sodium	Na	<	<	2	5	1
Strontium	Sr	1.55	13.7	21.5	2.14	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	<	<	<	<	0.02
Tin	Sn	<	<	<	<	0.1
Titanium	Ti	0.5	0.8	1.3	1.6	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	<	<	<	0.6	0.5
Zinc	Zn	19.2	34.0	42.2	5.3	0.5
Zirconium	Zr	<	<	<	<	3

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**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		EMNI-CP3-1	VAVI-CP3-1	PIGL-M2-1	LELA-K4-1	DETECTION LIMIT
CANTEST ID:		511230595	511230596	511230597	511230598	
Aluminum	Al	8.1	18.2	24.6	14.3	0.5
Antimony	Sb	<	<	<	<	0.1
Arsenic	As	<	<	0.5	0.2	0.1
Barium	Ba	6.9	17.4	5.4	68.2	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	5	9	<	16	2
Cadmium	Cd	<	<	<	<	0.02
Calcium	Ca	712	1440	303	6070	1
Chromium	Cr	<	<	0.3	<	0.1
Cobalt	Co	<	<	<	<	0.1
Copper	Cu	3.8	4.8	0.2	4.1	0.1
Iron	Fe	15	16	41	54	5
Lead	Pb	<	<	0.4	<	0.1
Magnesium	Mg	415	701	38.4	1240	0.5
Manganese	Mn	29.8	239	5.9	276	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	<	<	<	<	0.1
Nickel	Ni	0.2	0.4	<	0.7	0.1
Phosphorus	P	854	1370	28.1	1140	0.5
Potassium	K	7660	9390	174	4330	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	83	123	182	101	10
Silver	Ag	<	<	<	<	0.01
Sodium	Na	13	2	5	2	1
Strontium	Sr	1.64	3.89	1.12	7.21	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	<	<	<	<	0.02
Tin	Sn	<	<	<	<	0.1
Titanium	Ti	0.6	0.7	1.3	1.2	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	<	<	0.7	<	0.5
Zinc	Zn	5.0	13.6	6.4	29.4	0.5
Zirconium	Zr	<	<	<	<	3

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**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		VAVI-K4-1	SASP-J5-1	VAVI-P5-1	LELA-C4-1	DETECTION LIMIT
CANTEST ID:		511230599	511230604	511230607	511230609	
Aluminum	Al	18.0	81.3	23.3	30.4	0.5
Antimony	Sb	<	<	<	<	0.1
Arsenic	As	0.2	0.2	<	<	0.1
Barium	Ba	10.3	141	5.9	74.6	0.1
Beryllium	Be	<	0.02	<	<	0.02
Boron	B	9	9	7	15	2
Cadmium	Cd	<	4.56	<	0.05	0.02
Calcium	Ca	1710	14900	1210	5680	1
Chromium	Cr	<	0.1	<	<	0.1
Cobalt	Co	<	1.4	<	<	0.1
Copper	Cu	4.6	2.7	4.4	3.5	0.1
Iron	Fe	25	90	23	40	5
Lead	Pb	<	0.2	<	<	0.1
Magnesium	Mg	590	4160	581	1010	0.5
Manganese	Mn	124	416	378	1310	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	<	<	<	<	0.1
Nickel	Ni	0.3	3.2	0.2	0.2	0.1
Phosphorus	P	1140	2190	857	1290	0.5
Potassium	K	7890	7380	8470	3830	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	129	88	77	101	10
Silver	Ag	<	<	<	<	0.01
Sodium	Na	1	2	4	<	1
Strontium	Sr	2.39	135	1.32	5.78	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	<	<	<	0.03	0.02
Tin	Sn	<	<	<	<	0.1
Titanium	Ti	0.8	2.0	0.5	0.9	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	<	<	<	<	0.5
Zinc	Zn	11.9	138	10.1	24.8	0.5
Zirconium	Zr	<	<	<	<	3

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**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		LELA-H4-1	EMNI-I2-1	VAUL-I2-1	BOSP-I2-1	DETECTION LIMIT
CANTEST ID:		511230610	511230611	511230614	511230617	
Aluminum	Al	44.1	5.4	149	132	0.5
Antimony	Sb	<	<	<	0.3	0.1
Arsenic	As	0.1	<	0.3	3.6	0.1
Barium	Ba	42.7	4.6	45.2	1.2	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	12	5	11	2	2
Cadmium	Cd	0.03	0.02	0.83	0.48	0.02
Calcium	Ca	4640	619	8520	249	1
Chromium	Cr	<	<	<	0.2	0.1
Cobalt	Co	<	<	<	<	0.1
Copper	Cu	2.5	3.8	3.4	11.4	0.1
Iron	Fe	42	13	55	70	5
Lead	Pb	<	<	0.1	2.3	0.1
Magnesium	Mg	875	411	2330	877	0.5
Manganese	Mn	1070	51.9	1510	35.3	0.1
Mercury	Hg	<	<	<	0.037	0.01
Molybdenum	Mo	<	<	<	0.2	0.1
Nickel	Ni	0.2	0.2	0.5	0.4	0.1
Phosphorus	P	1200	878	1750	5870	0.5
Potassium	K	3520	8160	4930	27400	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	100	79	90	55	10
Silver	Ag	<	<	<	0.85	0.01
Sodium	Na	6	10	9	176	1
Strontium	Sr	5.96	1.27	18.1	0.94	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	0.06	<	<	<	0.02
Tin	Sn	<	<	<	<	0.1
Titanium	Ti	0.9	0.5	1.1	3.0	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	<	<	<	<	0.5
Zinc	Zn	25.4	6.4	58.1	103	0.5
Zirconium	Zr	<	<	<	<	3

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**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		LELA-J2-1	SASP-J2-1	LELA-G2-1	SASP-G2-1	DETECTION LIMIT
CANTEST ID:		511230618	511230619	511230621	511230622	
Aluminum	Al	25.4	20.4	12.0	14.9	0.5
Antimony	Sb	0.1	0.2	<	<	0.1
Arsenic	As	0.7	1.4	0.3	0.4	0.1
Barium	Ba	53.7	12.1	80.7	33.8	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	24	5	25	12	2
Cadmium	Cd	<	1.63	0.02	2.91	0.02
Calcium	Ca	5970	8920	6170	13400	1
Chromium	Cr	<	<	<	0.1	0.1
Cobalt	Co	<	0.3	<	0.3	0.1
Copper	Cu	3.3	2.0	2.6	4.7	0.1
Iron	Fe	59	94	38	85	5
Lead	Pb	0.6	1.1	0.2	0.4	0.1
Magnesium	Mg	1190	1680	1380	2780	0.5
Manganese	Mn	603	377	688	371	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	<	<	<	<	0.1
Nickel	Ni	0.3	0.2	0.3	1.4	0.1
Phosphorus	P	1140	924	920	830	0.5
Potassium	K	4280	8050	3290	6560	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	98	78	84	97	10
Silver	Ag	0.01	0.03	<	0.01	0.01
Sodium	Na	1	22	15	17	1
Strontium	Sr	9.22	34.2	11.3	51.4	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	<	<	<	<	0.02
Tin	Sn	<	<	<	<	0.1
Titanium	Ti	1.4	1.5	0.8	1.3	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	<	<	<	<	0.5
Zinc	Zn	20.8	142	28.7	373	0.5
Zirconium	Zr	<	<	<	<	3

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**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		EMNI-G2-1	LELA-K2-1	SASP-K2-1	VAUL-K2-1	DETECTION LIMIT
CANTEST ID:		511230623	511230625	511230626	511230627	
Aluminum	Al	4.4	14.2	10.5	19.5	0.5
Antimony	Sb	<	<	<	<	0.1
Arsenic	As	0.1	0.6	0.3	0.6	0.1
Barium	Ba	5.0	74.0	15.0	66.2	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	9	31	23	25	2
Cadmium	Cd	<	<	2.88	0.71	0.02
Calcium	Ca	688	5760	15700	7260	1
Chromium	Cr	0.2	<	<	<	0.1
Cobalt	Co	<	<	0.2	<	0.1
Copper	Cu	4.5	3.6	3.4	3.5	0.1
Iron	Fe	12	55	80	45	5
Lead	Pb	<	0.5	0.2	<	0.1
Magnesium	Mg	433	981	4110	2120	0.5
Manganese	Mn	70.5	481	159	534	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	<	<	0.2	<	0.1
Nickel	Ni	<	0.3	0.5	0.5	0.1
Phosphorus	P	680	1220	1480	676	0.5
Potassium	K	8360	5120	8730	2690	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	81	125	102	200	10
Silver	Ag	<	0.01	<	<	0.01
Sodium	Na	19	10	5	4	1
Strontium	Sr	0.90	8.01	44.0	29.0	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	<	<	<	<	0.02
Tin	Sn	<	<	<	<	0.1
Titanium	Ti	0.4	1.1	1.2	0.5	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	<	<	<	<	0.5
Zinc	Zn	6.8	30.5	303	44.9	0.5
Zirconium	Zr	<	<	<	<	3

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**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		MARI-R2-1	SASP-R2-1	LELA-H3-1	SASP-H3-1	DETECTION LIMIT
CANTEST ID:		511230629	511230631	511230632	511230633	
Aluminum	Al	60.1	66.2	24.4	45.7	0.5
Antimony	Sb	0.2	0.1	<	<	0.1
Arsenic	As	1.8	2.3	0.2	0.3	0.1
Barium	Ba	9.1	49.6	59.8	53.8	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	<	11	11	6	2
Cadmium	Cd	0.30	9.19	0.02	1.15	0.02
Calcium	Ca	2190	14100	5240	9180	1
Chromium	Cr	0.2	0.2	0.3	0.1	0.1
Cobalt	Co	0.2	1.4	<	1.4	0.1
Copper	Cu	1.0	4.9	4.1	3.8	0.1
Iron	Fe	141	206	42	87	5
Lead	Pb	6.0	1.4	0.1	0.2	0.1
Magnesium	Mg	171	3480	1020	2770	0.5
Manganese	Mn	37.2	281	2080	842	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	<	0.2	<	0.1	0.1
Nickel	Ni	0.3	0.9	0.3	1.2	0.1
Phosphorus	P	523	2000	1240	1110	0.5
Potassium	K	1620	7160	3820	7030	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	72	108	113	116	10
Silver	Ag	0.10	0.02	<	<	0.01
Sodium	Na	80	7	9	10	1
Strontium	Sr	4.86	93.3	4.51	49.2	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	<	<	<	<	0.02
Tin	Sn	<	<	<	<	0.1
Titanium	Ti	2.3	2.6	0.8	1.1	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	<	<	<	<	0.5
Zinc	Zn	27.6	285	31.3	105	0.5
Zirconium	Zr	<	<	<	<	3

Results expressed as micrograms per gram, dry basis ( $\mu\text{g/g}$ )  
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**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		VAVI-H3-1	LELA-C2-1	SASP-C2-1	EMNI-C2-1	DETECTION LIMIT
CANTEST ID:		511230634	511230635	511230636	511230637	
Aluminum	Al	19.8	29.1	38.5	5.6	0.5
Antimony	Sb	<	<	<	<	0.1
Arsenic	As	<	0.4	0.5	<	0.1
Barium	Ba	8.5	76.7	81.4	7.9	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	11	8	7	4	2
Cadmium	Cd	0.02	0.05	1.46	<	0.02
Calcium	Ca	1060	4920	14100	825	1
Chromium	Cr	<	0.1	<	<	0.1
Cobalt	Co	<	<	1.1	<	0.1
Copper	Cu	3.7	3.7	4.8	4.6	0.1
Iron	Fe	11	44	104	14	5
Lead	Pb	<	0.4	0.4	<	0.1
Magnesium	Mg	567	847	3730	535	0.5
Manganese	Mn	402	1170	474	71.4	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	<	<	0.2	0.1	0.1
Nickel	Ni	0.2	0.4	3.2	0.3	0.1
Phosphorus	P	868	1100	1550	925	0.5
Potassium	K	5980	3830	8260	9150	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	100	101	107	89	10
Silver	Ag	<	<	<	<	0.01
Sodium	Na	6	4	40	16	1
Strontium	Sr	0.91	7.04	99.1	2.19	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	<	0.04	<	<	0.02
Tin	Sn	<	<	<	<	0.1
Titanium	Ti	0.4	0.9	1.1	0.5	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	<	<	<	<	0.5
Zinc	Zn	8.2	23.4	121	4.7	0.5
Zirconium	Zr	<	<	<	<	3

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**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		ROAC-EM3-1	ROAC-EM3-2	VAUL-E1-1	VAUL-E1-2	DETECTION LIMIT
		A				
CANTEST ID:		511230638	511230639	511230640	511230641	
Aluminum	Al	3.5	3.4	33.6	33.8	0.5
Antimony	Sb	<	<	<	<	0.1
Arsenic	As	<	<	0.2	0.2	0.1
Barium	Ba	48.4	42.2	94.4	92.7	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	6	7	17	17	2
Cadmium	Cd	0.07	0.03	0.46	0.39	0.02
Calcium	Ca	10200	9940	7930	7770	1
Chromium	Cr	<	<	<	<	0.1
Cobalt	Co	<	<	<	<	0.1
Copper	Cu	2.5	2.9	3.6	3.7	0.1
Iron	Fe	37	37	55	54	5
Lead	Pb	<	<	0.1	<	0.1
Magnesium	Mg	2360	2350	1820	1980	0.5
Manganese	Mn	365	266	1420	1550	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	<	0.1	<	<	0.1
Nickel	Ni	0.7	0.9	0.2	0.2	0.1
Phosphorus	P	2320	2440	928	974	0.5
Potassium	K	13500	14700	2960	3240	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	123	156	390	380	10
Silver	Ag	<	<	<	<	0.01
Sodium	Na	<	2	4	7	1
Strontium	Sr	51.2	46.3	24.1	23.7	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	<	<	<	<	0.02
Tin	Sn	<	<	<	<	0.1
Titanium	Ti	1.1	1.2	0.9	0.9	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	<	<	<	<	0.5
Zinc	Zn	10.7	8.9	42.1	40.8	0.5
Zirconium	Zr	<	<	<	<	3

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**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		SPMO-BVEG2 -1	SPMO-BVEG3 -1	SPMO-BVEG1 -1	SASP-Q2-1	DETECTION LIMIT
CANTEST ID:		511230646	511230648	511230650	511230651	
Aluminum	Al	1000	976	5000	26.3	0.5
Antimony	Sb	1.7	1.3	1.6	<	0.1
Arsenic	As	141	64.4	219	0.8	0.1
Barium	Ba	252	171	179	36.2	0.1
Beryllium	Be	0.06	0.04	0.25	<	0.02
Boron	B	28	5	20	31	2
Cadmium	Cd	0.90	0.45	1.74	17.4	0.02
Calcium	Ca	27400	15500	16800	19400	1
Chromium	Cr	2.1	1.2	9.7	0.1	0.1
Cobalt	Co	5.7	3.4	7.3	0.3	0.1
Copper	Cu	613	332	195	4.5	0.1
Iron	Fe	26400	32400	42000	178	5
Lead	Pb	62.6	15.2	48.3	0.4	0.1
Magnesium	Mg	2770	989	3430	3490	0.5
Manganese	Mn	1440	665	1730	255	0.1
Mercury	Hg	0.561	0.151	0.076	<	0.01
Molybdenum	Mo	0.9	1.8	1.5	0.3	0.1
Nickel	Ni	21.8	4.5	12.8	0.5	0.1
Phosphorus	P	938	999	645	1400	0.5
Potassium	K	475	451	1490	10800	1
Selenium	Se	0.7	0.2	0.5	<	0.2
Silicon	Si	374	225	279	110	10
Silver	Ag	53.4	3.98	2.33	0.03	0.01
Sodium	Na	64	19	106	15	1
Strontium	Sr	92.1	55.0	56.2	100	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	0.07	0.06	0.18	<	0.02
Tin	Sn	0.9	0.1	<	<	0.1
Titanium	Ti	39.1	37.3	195	1.8	0.3
Uranium	U	1.99	1.87	2.54	<	0.04
Vanadium	V	9.3	2.9	22.4	<	0.5
Zinc	Zn	82.6	28.7	140	429	0.5
Zirconium	Zr	<	<	<	<	3

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**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		SASP-Q1-1	VAUL-K3-1	SASP-K1-1	SASP-L1-1	DETECTION LIMIT
CANTEST ID:		511230652	511230653	511230654	511230655	
Aluminum	Al	60.4	3.8	18.8	10.1	0.5
Antimony	Sb	0.1	<	0.2	0.9	0.1
Arsenic	As	2.2	0.2	1.5	0.7	0.1
Barium	Ba	34.3	7.7	7.5	1.0	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	5	25	27	92	2
Cadmium	Cd	3.02	0.47	5.81	55.0	0.02
Calcium	Ca	9500	2100	10200	12400	1
Chromium	Cr	0.4	<	<	<	0.1
Cobalt	Co	0.9	<	0.3	<	0.1
Copper	Cu	3.5	3.8	3.5	6.6	0.1
Iron	Fe	215	18	91	64	5
Lead	Pb	1.3	<	1.5	0.4	0.1
Magnesium	Mg	2480	788	2530	4730	0.5
Manganese	Mn	606	75.0	201	83.1	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	0.1	<	0.2	0.2	0.1
Nickel	Ni	1.1	0.3	0.5	0.3	0.1
Phosphorus	P	936	1410	925	792	0.5
Potassium	K	7430	11500	3920	3110	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	75	95	79	74	10
Silver	Ag	0.02	0.01	0.05	0.02	0.01
Sodium	Na	40	1	8	35	1
Strontium	Sr	47.9	4.56	26.1	19.7	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	<	<	<	0.03	0.02
Tin	Sn	<	<	<	<	0.1
Titanium	Ti	2.9	0.8	1.4	1.0	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	<	<	<	<	0.5
Zinc	Zn	153	23.1	571	1480	0.5
Zirconium	Zr	<	<	<	<	3

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**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		SASP-L2-1	WHGR-TAIL-1	HOJU-TAIL-1	SASP-TAIL-1	DETECTION LIMIT
CANTEST ID:		511230656	511230657	511230658	511230659	
Aluminum	Al	30.2	24.2	135	48.5	0.5
Antimony	Sb	0.3	1.3	4.8	0.5	0.1
Arsenic	As	3.0	11.4	50.5	4.5	0.1
Barium	Ba	9.0	4.9	5.7	119	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	36	11	12	11	2
Cadmium	Cd	7.21	0.31	1.76	12.2	0.02
Calcium	Ca	22700	3500	5840	18700	1
Chromium	Cr	<	0.3	0.8	<	0.1
Cobalt	Co	0.8	<	0.1	1.2	0.1
Copper	Cu	3.6	7.5	54.2	4.5	0.1
Iron	Fe	203	207	930	153	5
Lead	Pb	1.5	9.4	50.1	6.0	0.1
Magnesium	Mg	5030	1550	1010	2480	0.5
Manganese	Mn	375	199	159	413	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	0.3	0.5	0.6	0.5	0.1
Nickel	Ni	0.5	0.3	0.6	2.6	0.1
Phosphorus	P	1530	850	1420	1060	0.5
Potassium	K	9190	11000	18400	7410	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	95	271	184	74	10
Silver	Ag	0.05	0.12	0.42	0.09	0.01
Sodium	Na	94	242	120	4	1
Strontium	Sr	49.2	20.6	17.0	101	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	0.02	<	0.03	<	0.02
Tin	Sn	<	<	<	<	0.1
Titanium	Ti	2.1	0.7	1.6	1.0	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	<	<	0.6	<	0.5
Zinc	Zn	633	113	205	486	0.5
Zirconium	Zr	<	<	<	<	3

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**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		LELA-A1-1	LELA-CP7-1	VAUL-CP7-1	MAHA-CP7-1	DETECTION LIMIT
CANTEST ID:		511230660	511230661	511230662	511230663	
Aluminum	Al	47.6	37.5	9.9	39.4	0.5
Antimony	Sb	<	<	<	<	0.1
Arsenic	As	<	0.1	<	0.5	0.1
Barium	Ba	65.5	66.8	4.1	5.2	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	12	12	5	<	2
Cadmium	Cd	0.06	0.06	0.37	0.19	0.02
Calcium	Ca	5640	5390	1070	2220	1
Chromium	Cr	<	<	<	0.1	0.1
Cobalt	Co	<	<	<	<	0.1
Copper	Cu	2.4	2.8	2.6	0.7	0.1
Iron	Fe	45	43	14	65	5
Lead	Pb	0.1	<	<	0.9	0.1
Magnesium	Mg	1060	1330	469	170	0.5
Manganese	Mn	921	983	96.4	58.1	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	0.3	0.1	0.2	0.1	0.1
Nickel	Ni	0.3	0.2	0.6	0.3	0.1
Phosphorus	P	1150	1480	1550	551	0.5
Potassium	K	4030	5580	9910	1860	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	89	98	90	55	10
Silver	Ag	<	<	<	0.03	0.01
Sodium	Na	8	2	1	43	1
Strontium	Sr	7.76	6.72	2.26	3.19	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	0.03	0.14	<	<	0.02
Tin	Sn	<	<	<	<	0.1
Titanium	Ti	1.3	1.3	0.8	2.4	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	<	<	<	<	0.5
Zinc	Zn	15.3	29.1	17.3	20.5	0.5
Zirconium	Zr	<	<	<	<	3

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**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		SASP-J3-1	VAVI-M1-1	SASP-CP8-1	VAVI-CP8-1 A	DETECTION LIMIT
CANTEST ID:		511230664	511230665	511230666	511230667	
Aluminum	Al	18.6	13.1	39.3	15.7	0.5
Antimony	Sb	<	<	<	<	0.1
Arsenic	As	0.3	0.2	0.1	<	0.1
Barium	Ba	40.7	5.4	111	10.2	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	17	8	8	11	2
Cadmium	Cd	4.16	0.04	27.6	0.08	0.02
Calcium	Ca	12000	987	19300	1400	1
Chromium	Cr	<	<	<	<	0.1
Cobalt	Co	0.2	<	1.2	<	0.1
Copper	Cu	4.4	3.5	4.7	5.2	0.1
Iron	Fe	78	17	96	14	5
Lead	Pb	0.5	<	0.2	<	0.1
Magnesium	Mg	2850	542	3530	594	0.5
Manganese	Mn	498	193	317	248	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	0.1	<	0.1	<	0.1
Nickel	Ni	1.8	0.1	2.3	0.3	0.1
Phosphorus	P	761	765	1570	1170	0.5
Potassium	K	5790	6440	8710	7700	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	83	69	65	87	10
Silver	Ag	0.02	<	0.01	<	0.01
Sodium	Na	15	1	6	2	1
Strontium	Sr	56.7	1.50	146	1.93	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	<	<	<	<	0.02
Tin	Sn	<	<	<	<	0.1
Titanium	Ti	1.2	0.6	1.6	0.6	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	<	<	<	<	0.5
Zinc	Zn	277	12.8	658	15.3	0.5
Zirconium	Zr	<	<	<	<	3

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**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		VAUL-CP8-1	MAHA-CP8-1	VAVI-P4-1	POTR-Q3-1	DETECTION LIMIT
CANTEST ID:		511230668	511230669	511230670	511230671	
Aluminum	Al	8.0	51.2	21.4	13.1	0.5
Antimony	Sb	<	<	<	<	0.1
Arsenic	As	<	0.4	<	<	0.1
Barium	Ba	9.6	6.2	8.0	122	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	13	<	8	11	2
Cadmium	Cd	0.44	0.41	<	1.78	0.02
Calcium	Ca	1000	3590	1180	29500	1
Chromium	Cr	<	0.4	<	<	0.1
Cobalt	Co	<	0.1	<	0.8	0.1
Copper	Cu	3.8	0.8	3.8	3.0	0.1
Iron	Fe	13	89	13	111	5
Lead	Pb	<	0.6	<	<	0.1
Magnesium	Mg	510	348	651	3510	0.5
Manganese	Mn	91.6	82.9	325	99.6	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	0.1	<	0.1	0.2	0.1
Nickel	Ni	0.3	0.7	0.2	0.1	0.1
Phosphorus	P	1330	920	1270	2080	0.5
Potassium	K	8380	2620	7990	6570	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	82	65	92	119	10
Silver	Ag	<	0.02	<	<	0.01
Sodium	Na	2	60	<	<	1
Strontium	Sr	2.97	5.86	1.00	175	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	<	<	<	<	0.02
Tin	Sn	<	<	<	<	0.1
Titanium	Ti	0.7	3.6	0.7	1.2	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	<	<	<	<	0.5
Zinc	Zn	16.6	40.6	11.5	145	0.5
Zirconium	Zr	<	<	<	<	3

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**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		LELA-A2-1	LELA-I5-1	MARI-A4-1	VAVI-D2-1	DETECTION LIMIT
CANTEST ID:		511230672	511230673	511230674	511230675	
Aluminum	Al	35.6	20.2	41.2	19.5	0.5
Antimony	Sb	<	<	<	<	0.1
Arsenic	As	<	<	0.3	<	0.1
Barium	Ba	60.0	51.2	5.7	12.6	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	7	11	<	15	2
Cadmium	Cd	<	<	0.08	0.07	0.02
Calcium	Ca	5360	5500	878	1390	1
Chromium	Cr	0.4	<	<	<	0.1
Cobalt	Co	<	<	<	<	0.1
Copper	Cu	3.2	3.3	0.8	4.7	0.1
Iron	Fe	84	37	75	18	5
Lead	Pb	<	<	1.1	<	0.1
Magnesium	Mg	946	1100	197	621	0.5
Manganese	Mn	1550	1080	40.9	361	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	0.2	<	<	0.1	0.1
Nickel	Ni	0.3	0.2	0.3	0.5	0.1
Phosphorus	P	1150	1280	683	1020	0.5
Potassium	K	4030	5040	1840	7940	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	95	102	56	126	10
Silver	Ag	<	<	0.05	0.01	0.01
Sodium	Na	4	2	72	3	1
Strontium	Sr	5.04	4.61	2.45	2.12	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	<	0.03	<	<	0.02
Tin	Sn	<	<	<	<	0.1
Titanium	Ti	1.0	1.0	3.0	0.7	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	<	<	<	<	0.5
Zinc	Zn	18.4	19.0	17.0	14.3	0.5
Zirconium	Zr	<	<	<	<	3

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**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		LELA-DUST1 -1	SASP-WROCK 2-1	HOJU-WROCK 2-1	HOJU-PIT5- 1	DETECTION LIMIT
CANTEST ID:		511230676	511230677	511230678	511230679	
Aluminum	Al	66.7	18.2	24.5	51.3	0.5
Antimony	Sb	<	<	<	0.6	0.1
Arsenic	As	0.7	0.5	0.2	5.6	0.1
Barium	Ba	86.2	55.7	28.6	5.7	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	24	33	5	5	2
Cadmium	Cd	0.07	21.9	0.08	0.24	0.02
Calcium	Ca	6460	19100	1820	2400	1
Chromium	Cr	<	<	0.4	0.6	0.1
Cobalt	Co	<	0.8	<	<	0.1
Copper	Cu	3.0	6.0	3.9	8.3	0.1
Iron	Fe	144	111	57	240	5
Lead	Pb	0.3	0.3	0.2	3.1	0.1
Magnesium	Mg	1200	2960	618	1080	0.5
Manganese	Mn	781	411	38.7	87.6	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	0.1	0.8	0.4	0.5	0.1
Nickel	Ni	0.4	2.6	0.3	0.4	0.1
Phosphorus	P	1100	3140	1240	1020	0.5
Potassium	K	3950	10200	6930	11000	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	99	108	272	205	10
Silver	Ag	0.01	0.01	0.03	0.10	0.01
Sodium	Na	2	8	4	11	1
Strontium	Sr	12.7	88.7	6.03	8.24	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	0.03	<	<	<	0.02
Tin	Sn	<	<	<	<	0.1
Titanium	Ti	5.8	2.2	1.0	1.0	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	<	<	<	<	0.5
Zinc	Zn	30.6	391	18.4	127	0.5
Zirconium	Zr	<	<	<	<	3

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**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		HOJU-PIT3-1	SASP-PIT1-1	WHGR-PIT1-1	LELA-PONY2-1	DETECTION LIMIT
CANTEST ID:		511230680	511230681	511230682	511230683	
Aluminum	Al	19.8	25.4	167	11.9	0.5
Antimony	Sb	0.1	<	0.6	<	0.1
Arsenic	As	1.3	2.1	16.0	0.3	0.1
Barium	Ba	2.2	1.7	7.2	34.0	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	4	21	5	25	2
Cadmium	Cd	0.22	29.8	0.66	0.07	0.02
Calcium	Ca	2450	14700	3840	5850	1
Chromium	Cr	0.4	0.2	0.6	<	0.1
Cobalt	Co	<	0.8	0.3	<	0.1
Copper	Cu	8.8	6.3	2.8	3.8	0.1
Iron	Fe	99	147	737	49	5
Lead	Pb	3.1	1.5	13.1	<	0.1
Magnesium	Mg	1260	3270	788	1240	0.5
Manganese	Mn	46.5	291	288	48.4	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	0.3	0.3	1.0	<	0.1
Nickel	Ni	0.3	1.1	0.8	0.1	0.1
Phosphorus	P	995	2770	1150	1100	0.5
Potassium	K	13900	12100	8370	5410	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	226	96	431	119	10
Silver	Ag	0.04	0.02	0.08	0.01	0.01
Sodium	Na	10	7	6	14	1
Strontium	Sr	7.32	30.2	11.1	12.8	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	<	<	0.03	<	0.02
Tin	Sn	<	<	<	<	0.1
Titanium	Ti	0.7	1.9	2.8	1.2	0.3
Uranium	U	<	<	0.06	<	0.04
Vanadium	V	<	<	0.9	<	0.5
Zinc	Zn	252	726	66.4	39.5	0.5
Zirconium	Zr	<	<	<	<	3

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Metals Analysis in Tissue

CLIENT SAMPLE IDENTIFICATION:		LELA-PONY2 -2	SASP-PONY2 -1	VAUL-PONY2 -1	SASP-PONY1 -1	DETECTION LIMIT
CANTEST ID:		511230684	511230685	511230686	511230687	
Aluminum	Al	10.2	10.5	36.6	8.6	0.5
Antimony	Sb	<	<	<	<	0.1
Arsenic	As	0.3	0.2	0.4	<	0.1
Barium	Ba	36.9	8.2	64.8	12.2	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	18	15	41	15	2
Cadmium	Cd	0.11	11.5	2.53	3.83	0.02
Calcium	Ca	6140	11300	8950	9710	1
Chromium	Cr	<	0.2	<	<	0.1
Cobalt	Co	<	0.2	<	0.3	0.1
Copper	Cu	3.9	5.2	3.0	3.2	0.1
Iron	Fe	48	76	63	69	5
Lead	Pb	0.1	<	<	<	0.1
Magnesium	Mg	1350	2640	3420	2090	0.5
Manganese	Mn	39.6	477	77.6	355	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	<	0.3	0.1	0.3	0.1
Nickel	Ni	0.1	0.4	0.3	0.2	0.1
Phosphorus	P	1140	1150	514	1230	0.5
Potassium	K	5170	6080	9290	7280	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	119	87	123	86	10
Silver	Ag	0.01	0.02	0.01	<	0.01
Sodium	Na	<	82	6	18	1
Strontium	Sr	14.0	60.4	36.7	69.6	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	<	<	<	<	0.02
Tin	Sn	<	<	<	<	0.1
Titanium	Ti	1.1	1.1	0.9	1.0	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	<	<	<	<	0.5
Zinc	Zn	41.6	593	137	283	0.5
Zirconium	Zr	<	<	<	<	3

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Metals Analysis in Tissue

CLIENT SAMPLE IDENTIFICATION:		VAUL-PONY1 -1	SASP-DOME1 -1	SASP-DOME2 -1	VAUL-DOME2 -1	DETECTION LIMIT
CANTEST ID:		511230688	511230689	511230690	511230691	
Aluminum	Al	22.5	12.6	10.4	51.7	0.5
Antimony	Sb	<	<	<	<	0.1
Arsenic	As	0.3	0.7	0.1	0.5	0.1
Barium	Ba	59.5	6.1	3.7	48.9	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	16	46	33	59	2
Cadmium	Cd	1.38	7.54	2.92	1.21	0.02
Calcium	Ca	11400	14700	11000	11300	1
Chromium	Cr	<	<	<	<	0.1
Cobalt	Co	<	0.7	0.2	<	0.1
Copper	Cu	3.1	4.6	4.7	3.8	0.1
Iron	Fe	81	94	71	98	5
Lead	Pb	<	<	<	0.1	0.1
Magnesium	Mg	3530	3390	3200	4120	0.5
Manganese	Mn	303	599	239	334	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	0.2	0.5	0.3	0.3	0.1
Nickel	Ni	0.2	0.9	0.7	0.6	0.1
Phosphorus	P	1030	3320	1110	1120	0.5
Potassium	K	3560	7050	11600	4530	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	128	76	116	101	10
Silver	Ag	<	0.01	<	0.01	0.01
Sodium	Na	14	46	260	23	1
Strontium	Sr	63.4	33.0	22.6	38.4	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	<	<	<	<	0.02
Tin	Sn	<	<	<	<	0.1
Titanium	Ti	1.0	2.3	1.1	1.8	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	<	<	<	<	0.5
Zinc	Zn	72.6	763	522	71.2	0.5
Zirconium	Zr	<	<	<	<	3

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**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		SASP-DOME3 -1	VAVI-DOME3 -1	SASP-DOME4 -1	LELA-H2-1	DETECTION LIMIT
CANTEST ID:		511230692	511230693	511230694	511230695	
Aluminum	Al	12.4	18.4	13.8	18.0	0.5
Antimony	Sb	<	<	<	<	0.1
Arsenic	As	0.4	0.3	0.5	0.5	0.1
Barium	Ba	4.8	8.3	8.0	87.3	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	46	16	37	18	2
Cadmium	Cd	1.95	<	2.14	0.07	0.02
Calcium	Ca	13100	1620	11300	5510	1
Chromium	Cr	<	0.2	<	0.2	0.1
Cobalt	Co	0.8	0.2	0.7	<	0.1
Copper	Cu	3.6	3.7	3.6	4.5	0.1
Iron	Fe	96	42	90	53	5
Lead	Pb	<	<	0.1	0.2	0.1
Magnesium	Mg	3980	619	3270	1320	0.5
Manganese	Mn	821	92.7	619	1760	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	0.6	0.2	0.6	0.1	0.1
Nickel	Ni	0.6	0.4	0.9	0.2	0.1
Phosphorus	P	1860	951	1520	1160	0.5
Potassium	K	6320	7730	7110	4450	1
Selenium	Se	0.2	<	<	<	0.2
Silicon	Si	72	128	86	96	10
Silver	Ag	<	0.01	<	<	0.01
Sodium	Na	155	58	66	4	1
Strontium	Sr	29.6	4.84	36.0	5.99	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	<	<	<	<	0.02
Tin	Sn	<	<	<	<	0.1
Titanium	Ti	1.7	1.2	1.6	1.0	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	<	<	<	<	0.5
Zinc	Zn	399	8.1	189	44.3	0.5
Zirconium	Zr	<	<	<	<	3

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**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		SASP-H2-1	VAVI-H2-1	LELA-G1-1	SASP-G1-1	DETECTION LIMIT
CANTEST ID:		511230696	511230697	511230698	511230699	
Aluminum	Al	20.2	14.3	15.8	16.8	0.5
Antimony	Sb	<	<	<	<	0.1
Arsenic	As	0.9	<	0.6	0.6	0.1
Barium	Ba	42.0	10.6	56.3	15.1	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	7	8	49	227	2
Cadmium	Cd	6.60	0.05	0.05	7.39	0.02
Calcium	Ca	13800	1880	8390	17900	1
Chromium	Cr	<	<	<	<	0.1
Cobalt	Co	0.6	<	<	0.2	0.1
Copper	Cu	4.0	3.9	3.4	5.0	0.1
Iron	Fe	108	25	67	114	5
Lead	Pb	0.3	<	0.3	0.4	0.1
Magnesium	Mg	2890	633	1340	3540	0.5
Manganese	Mn	1620	646	1310	219	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	<	<	<	0.3	0.1
Nickel	Ni	2.6	0.3	0.2	0.8	0.1
Phosphorus	P	1010	1260	1330	1150	0.5
Potassium	K	5730	8380	4260	7250	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	91	113	138	110	10
Silver	Ag	0.01	0.01	0.02	0.02	0.01
Sodium	Na	19	2	4	12	1
Strontium	Sr	57.5	1.32	7.46	40.1	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	<	<	0.03	<	0.02
Tin	Sn	<	<	<	<	0.1
Titanium	Ti	1.4	1.0	1.6	2.0	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	<	<	<	<	0.5
Zinc	Zn	112	9.9	32.6	376	0.5
Zirconium	Zr	<	<	<	<	3

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Metals Analysis in Tissue

CLIENT SAMPLE IDENTIFICATION:		EMNI-G1-1	VAVI-G1-1	LELA-H1-1	SASP-H1-1A	DETECTION LIMIT
CANTEST ID:		511230700	511230701	511230702	511230703	
Aluminum	Al	3.9	15.4	24.6	21.1	0.5
Antimony	Sb	<	<	<	<	0.1
Arsenic	As	0.1	0.2	0.5	1.8	0.1
Barium	Ba	3.5	9.9	54.9	65.0	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	15	37	16	7	2
Cadmium	Cd	0.05	0.03	0.04	3.55	0.02
Calcium	Ca	848	1950	6400	22700	1
Chromium	Cr	0.2	<	<	<	0.1
Cobalt	Co	<	<	<	0.8	0.1
Copper	Cu	4.2	3.4	4.5	3.4	0.1
Iron	Fe	30	19	55	117	5
Lead	Pb	<	<	0.2	0.6	0.1
Magnesium	Mg	416	618	1180	3900	0.5
Manganese	Mn	50.8	431	1200	423	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	<	<	<	<	0.1
Nickel	Ni	<	0.1	0.4	1.4	0.1
Phosphorus	P	742	1020	1490	973	0.5
Potassium	K	9350	7100	5760	7670	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	91	97	123	106	10
Silver	Ag	<	<	<	0.01	0.01
Sodium	Na	24	11	3	3	1
Strontium	Sr	0.98	2.24	6.10	79.7	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	<	<	0.08	<	0.02
Tin	Sn	<	<	<	<	0.1
Titanium	Ti	0.7	0.8	1.4	1.3	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	<	<	<	<	0.5
Zinc	Zn	5.7	12.9	24.4	139	0.5
Zirconium	Zr	<	<	<	<	3

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CLIENT SAMPLE IDENTIFICATION:		VAVI-H1-1	VAUL-H1-1	LELA-P2-1	SASP-P2-1	DETECTION LIMIT
CANTEST ID:		511230704	511230705	511230706	511230707	
Aluminum	Al	14.3	131	24.9	18.9	0.5
Antimony	Sb	<	<	<	<	0.1
Arsenic	As	0.2	0.8	0.3	0.3	0.1
Barium	Ba	10.6	56.3	38.2	22.5	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	8	15	19	13	2
Cadmium	Cd	0.04	1.46	0.07	4.21	0.02
Calcium	Ca	1310	8270	5920	16500	1
Chromium	Cr	<	<	<	<	0.1
Cobalt	Co	<	<	<	0.9	0.1
Copper	Cu	4.2	4.6	3.2	3.6	0.1
Iron	Fe	17	68	69	117	5
Lead	Pb	<	0.2	0.2	0.2	0.1
Magnesium	Mg	510	1770	1370	4350	0.5
Manganese	Mn	385	2160	572	810	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	<	<	<	<	0.1
Nickel	Ni	0.3	0.7	0.3	1.4	0.1
Phosphorus	P	1030	2340	1420	1500	0.5
Potassium	K	6210	8690	5360	9600	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	87	117	148	110	10
Silver	Ag	0.02	0.02	<	0.01	0.01
Sodium	Na	2	7	2	14	1
Strontium	Sr	1.54	10.1	9.50	69.3	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	<	<	<	<	0.02
Tin	Sn	<	<	<	<	0.1
Titanium	Ti	0.7	2.0	1.8	2.0	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	<	<	<	<	0.5
Zinc	Zn	9.6	40.4	26.1	164	0.5
Zirconium	Zr	<	<	<	<	3

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Metals Analysis in Tissue

CLIENT SAMPLE IDENTIFICATION:		LELA-C1-1	SASP-C1-1	VAVI-C1-1	LELA-I2-1	DETECTION LIMIT
CANTEST ID:		511230708	511230709	511230710	511230711	
Aluminum	Al	52.2	81.7	43.5	16.6	0.5
Antimony	Sb	<	0.1	<	<	0.1
Arsenic	As	0.8	1.4	0.2	0.2	0.1
Barium	Ba	69.8	78.3	10.3	46.2	0.1
Beryllium	Be	<	0.02	<	<	0.02
Boron	B	14	10	9	21	2
Cadmium	Cd	0.05	2.72	0.05	0.03	0.02
Calcium	Ca	7540	17700	1750	6370	1
Chromium	Cr	<	<	<	<	0.1
Cobalt	Co	<	1.5	<	<	0.1
Copper	Cu	3.9	4.3	4.4	3.4	0.1
Iron	Fe	68	190	66	55	5
Lead	Pb	0.7	1.0	<	<	0.1
Magnesium	Mg	1060	3700	641	1080	0.5
Manganese	Mn	2540	654	647	1330	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	<	0.6	<	<	0.1
Nickel	Ni	0.4	1.4	0.4	0.2	0.1
Phosphorus	P	1300	1730	1190	1320	0.5
Potassium	K	4350	11400	8290	4690	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	101	97	123	117	10
Silver	Ag	0.01	0.02	<	<	0.01
Sodium	Na	3	5	2	2	1
Strontium	Sr	4.62	90.5	1.50	6.35	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	0.11	<	<	0.03	0.02
Tin	Sn	<	<	<	<	0.1
Titanium	Ti	1.4	2.7	1.9	1.3	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	<	<	0.6	<	0.5
Zinc	Zn	21.9	154	10.2	24.5	0.5
Zirconium	Zr	<	<	<	<	3

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Metals Analysis in Tissue

CLIENT SAMPLE IDENTIFICATION:		SASP-I2-1	LELA-J1-1	SASP-J1-1	LELA-P1-1	DETECTION LIMIT
CANTEST ID:		511230712	511230713	511230714	511230715	
Aluminum	Al	22.4	19.9	17.5	14.6	0.5
Antimony	Sb	<	0.1	0.2	<	0.1
Arsenic	As	0.2	1.1	1.4	0.4	0.1
Barium	Ba	52.8	50.5	21.8	46.8	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	8	9	4	18	2
Cadmium	Cd	2.53	0.19	5.15	0.06	0.02
Calcium	Ca	21500	7900	18100	7280	1
Chromium	Cr	<	<	<	<	0.1
Cobalt	Co	0.9	<	0.4	<	0.1
Copper	Cu	3.3	3.8	3.6	3.0	0.1
Iron	Fe	124	83	140	64	5
Lead	Pb	0.2	0.9	1.0	0.2	0.1
Magnesium	Mg	4750	1240	2470	1180	0.5
Manganese	Mn	731	862	576	985	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	<	<	0.2	<	0.1
Nickel	Ni	1.3	0.2	0.3	0.1	0.1
Phosphorus	P	1340	1510	1650	1380	0.5
Potassium	K	8340	5300	9270	4870	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	106	110	86	122	10
Silver	Ag	0.01	0.02	0.03	0.01	0.01
Sodium	Na	5	30	49	4	1
Strontium	Sr	84.2	9.19	56.0	12.0	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	<	0.03	<	<	0.02
Tin	Sn	<	<	<	<	0.1
Titanium	Ti	2.1	1.8	2.1	1.4	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	<	<	<	<	0.5
Zinc	Zn	171	29.6	198	27.0	0.5
Zirconium	Zr	<	<	<	<	3

Results expressed as micrograms per gram, dry basis ( $\mu\text{g/g}$ )  
 < = Less than detection limit



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**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		SASP-P1-1	PIGL-P1-1A	LELA-I1-1	SASP-I1-1	DETECTION LIMIT
CANTEST ID:		511230716	511230717	511230718	511230719	
Aluminum	Al	24.1	71.7	17.4	34.2	0.5
Antimony	Sb	<	0.3	<	0.2	0.1
Arsenic	As	0.6	3.7	0.6	1.6	0.1
Barium	Ba	20.4	8.9	47.1	46.9	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	11	<	24	11	2
Cadmium	Cd	5.89	0.11	0.02	3.30	0.02
Calcium	Ca	16600	583	6950	20300	1
Chromium	Cr	<	0.3	<	<	0.1
Cobalt	Co	0.8	<	<	0.8	0.1
Copper	Cu	3.7	1.0	3.9	3.6	0.1
Iron	Fe	138	231	64	155	5
Lead	Pb	0.4	4.0	0.3	1.3	0.1
Magnesium	Mg	2930	39.1	1060	4050	0.5
Manganese	Mn	619	14.8	1200	429	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	0.2	<	<	<	0.1
Nickel	Ni	0.6	<	0.1	1.6	0.1
Phosphorus	P	1050	29.9	1530	1270	0.5
Potassium	K	6050	123	5840	7850	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	112	207	115	98	10
Silver	Ag	0.01	0.06	0.01	0.07	0.01
Sodium	Na	93	4	5	4	1
Strontium	Sr	82.7	2.45	7.07	71.4	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	<	<	<	<	0.02
Tin	Sn	<	<	<	<	0.1
Titanium	Ti	2.2	4.1	1.7	2.7	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	<	1.2	<	<	0.5
Zinc	Zn	193	8.8	29.3	175	0.5
Zirconium	Zr	<	<	<	<	3

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**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		VAVI-I1-1	LELA-O1-1	SASP-O1-1	EMNI-O1-1	DETECTION LIMIT
CANTEST ID:		511230720	511230721	511230722	511230723	
Aluminum	Al	16.5	10.9	10.2	5.5	0.5
Antimony	Sb	<	<	<	<	0.1
Arsenic	As	0.1	0.1	<	<	0.1
Barium	Ba	14.8	54.6	10.4	4.6	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	10	21	15	9	2
Cadmium	Cd	0.05	0.04	10.7	0.07	0.02
Calcium	Ca	2130	6740	9860	1170	1
Chromium	Cr	<	<	<	<	0.1
Cobalt	Co	<	<	0.2	<	0.1
Copper	Cu	3.3	3.1	4.1	4.6	0.1
Iron	Fe	25	105	73	23	5
Lead	Pb	<	<	<	<	0.1
Magnesium	Mg	571	1210	1450	461	0.5
Manganese	Mn	611	618	530	83.2	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	<	<	<	<	0.1
Nickel	Ni	0.3	0.1	0.8	<	0.1
Phosphorus	P	1270	1120	1180	760	0.5
Potassium	K	7840	4900	6770	10200	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	112	120	104	92	10
Silver	Ag	<	<	<	<	0.01
Sodium	Na	7	1	6	16	1
Strontium	Sr	2.21	10.5	30.4	1.39	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	<	<	<	<	0.02
Tin	Sn	<	<	<	<	0.1
Titanium	Ti	0.9	1.6	1.4	0.8	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	<	<	<	<	0.5
Zinc	Zn	11.6	23.6	328	6.2	0.5
Zirconium	Zr	<	<	<	<	3

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**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		VAVI-O1-1	VAUL-O1-1	LELA-P3-1	SASP-P3-1	DETECTION LIMIT
CANTEST ID:		511230724	511230725	511230726	511230727	
Aluminum	Al	7.5	5.1	27.6	43.1	0.5
Antimony	Sb	<	<	<	<	0.1
Arsenic	As	<	<	0.2	0.3	0.1
Barium	Ba	5.6	7.1	77.6	108	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	16	21	20	8	2
Cadmium	Cd	0.04	0.40	0.05	5.37	0.02
Calcium	Ca	1760	1900	8070	22400	1
Chromium	Cr	<	<	<	<	0.1
Cobalt	Co	<	<	<	1.2	0.1
Copper	Cu	4.8	3.8	3.2	2.3	0.1
Iron	Fe	21	23	79	137	5
Lead	Pb	<	<	0.1	0.2	0.1
Magnesium	Mg	646	718	1100	3960	0.5
Manganese	Mn	405	146	1740	393	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	<	<	<	<	0.1
Nickel	Ni	0.2	0.3	0.1	1.5	0.1
Phosphorus	P	1100	1050	1420	1840	0.5
Potassium	K	8990	12300	4990	8330	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	98	147	138	90	10
Silver	Ag	<	<	0.01	0.02	0.01
Sodium	Na	1	3	5	5	1
Strontium	Sr	2.26	4.04	11.5	124	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	<	<	0.03	<	0.02
Tin	Sn	<	<	<	<	0.1
Titanium	Ti	0.8	0.8	2.2	2.8	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	<	<	<	<	0.5
Zinc	Zn	11.1	20.6	31.0	80.6	0.5
Zirconium	Zr	<	<	<	<	3

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Metals Analysis in Tissue

CLIENT SAMPLE IDENTIFICATION:		VAVI-P3-1	EMNI-O2-1	VAVI-O2-1	VAUL-O2-1	DETECTION LIMIT
CANTEST ID:		511230728	511230729	511230730	511230731	
Aluminum	Al	19.0	4.5	4.3	16.7	0.5
Antimony	Sb	<	<	<	<	0.1
Arsenic	As	<	<	<	<	0.1
Barium	Ba	11.7	5.4	15.9	32.1	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	9	15	20	32	2
Cadmium	Cd	0.07	<	0.05	0.37	0.02
Calcium	Ca	1550	1150	2340	5890	1
Chromium	Cr	<	<	<	<	0.1
Cobalt	Co	<	<	<	<	0.1
Copper	Cu	3.0	5.1	4.0	2.9	0.1
Iron	Fe	23	20	21	39	5
Lead	Pb	<	<	<	<	0.1
Magnesium	Mg	552	410	657	1750	0.5
Manganese	Mn	267	12.9	259	282	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	<	<	<	<	0.1
Nickel	Ni	0.2	<	0.1	0.2	0.1
Phosphorus	P	1120	675	1070	1020	0.5
Potassium	K	7900	9180	7880	6850	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	119	122	110	84	10
Silver	Ag	<	<	<	<	0.01
Sodium	Na	2	7	<	6	1
Strontium	Sr	2.52	1.99	3.65	14.2	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	<	<	<	<	0.02
Tin	Sn	<	<	<	<	0.1
Titanium	Ti	0.9	0.7	0.8	1.0	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	<	<	<	<	0.5
Zinc	Zn	10.7	7.5	11.3	28.2	0.5
Zirconium	Zr	<	<	<	<	3

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**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		LELA-C3-1	VAVI-CP3-1 B	LELA-CP2-1 A-b	PIGL-P1-1B	DETECTION LIMIT
CANTEST ID:		511230732	511230733	511230734	511230735	
Aluminum	Al	40.0	17.4	27.6	40.9	0.5
Antimony	Sb	<	<	<	0.2	0.1
Arsenic	As	0.1	<	<	1.8	0.1
Barium	Ba	53.2	10.5	57.6	15.7	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	12	12	16	<	2
Cadmium	Cd	0.05	0.04	0.04	0.09	0.02
Calcium	Ca	6120	1920	6690	1070	1
Chromium	Cr	<	<	<	<	0.1
Cobalt	Co	<	<	<	<	0.1
Copper	Cu	3.1	5.7	2.9	0.8	0.1
Iron	Fe	51	23	55	130	5
Lead	Pb	0.1	<	<	2.1	0.1
Magnesium	Mg	949	642	1220	34.0	0.5
Manganese	Mn	1400	379	1320	14.0	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	<	<	<	<	0.1
Nickel	Ni	0.4	0.3	0.2	<	0.1
Phosphorus	P	1110	1390	1450	28.5	0.5
Potassium	K	4510	8510	4790	192	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	110	105	114	145	10
Silver	Ag	<	<	<	0.03	0.01
Sodium	Na	4	2	1	2	1
Strontium	Sr	5.11	2.00	8.42	3.85	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	0.03	<	0.05	<	0.02
Tin	Sn	<	<	<	<	0.1
Titanium	Ti	1.5	1.0	1.4	2.0	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	<	<	<	0.8	0.5
Zinc	Zn	15.8	14.8	26.8	10.6	0.5
Zirconium	Zr	<	<	<	<	3

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**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		SASP-H1-1B	LELA-CP9-1	ROAC-M2-1	LELA-O2-1	DETECTION LIMIT
CANTEST ID:		511230736	511230737	511230738	511230739	
Aluminum	Al	21.4	37.8	2.6	11.5	0.5
Antimony	Sb	<	<	<	<	0.1
Arsenic	As	1.8	<	<	0.1	0.1
Barium	Ba	77.9	73.4	35.6	86.2	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	7	14	18	25	2
Cadmium	Cd	3.87	0.04	0.20	0.05	0.02
Calcium	Ca	21200	7580	14000	8340	1
Chromium	Cr	<	<	<	<	0.1
Cobalt	Co	0.9	<	<	<	0.1
Copper	Cu	4.3	3.8	3.4	3.2	0.1
Iron	Fe	112	71	63	58	5
Lead	Pb	0.6	<	<	<	0.1
Magnesium	Mg	3710	1490	2630	1280	0.5
Manganese	Mn	426	1150	128	942	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	0.1	<	0.2	<	0.1
Nickel	Ni	1.2	0.3	1.5	0.1	0.1
Phosphorus	P	1130	1570	2580	1260	0.5
Potassium	K	8380	5350	16600	4650	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	75	107	104	123	10
Silver	Ag	0.02	0.01	0.01	<	0.01
Sodium	Na	3	2	1	1	1
Strontium	Sr	88.1	11.0	49.4	8.59	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	<	0.11	<	<	0.02
Tin	Sn	<	<	<	<	0.1
Titanium	Ti	1.5	2.0	1.8	1.4	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	<	<	<	<	0.5
Zinc	Zn	204	34.4	12.7	28.2	0.5
Zirconium	Zr	<	<	<	<	3

Results expressed as micrograms per gram, dry basis ( $\mu\text{g/g}$ )

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Metals Analysis in Tissue

CLIENT SAMPLE IDENTIFICATION:		VAVI-I4-1	SASP-DOMERVAUL-LO4-1 5-1	LELA-DOMER 7-1	DETECTION LIMIT	
CANTEST ID:		511230740	511230741	511230742	511230743	
Aluminum	Al	20.9	10.4	20.5	20.8	0.5
Antimony	Sb	<	<	<	<	0.1
Arsenic	As	<	0.4	<	0.5	0.1
Barium	Ba	14.8	4.8	30.8	3.6	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	10	24	24	15	2
Cadmium	Cd	0.07	1.41	0.34	1.40	0.02
Calcium	Ca	1690	12300	5390	10900	1
Chromium	Cr	<	<	<	<	0.1
Cobalt	Co	<	0.4	<	0.9	0.1
Copper	Cu	3.3	3.5	3.5	4.7	0.1
Iron	Fe	19	110	37	101	5
Lead	Pb	<	<	<	0.3	0.1
Magnesium	Mg	565	3420	1250	3660	0.5
Manganese	Mn	478	166	441	606	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	<	0.2	<	<	0.1
Nickel	Ni	0.2	0.3	0.3	0.6	0.1
Phosphorus	P	1240	902	999	996	0.5
Potassium	K	7510	5430	7690	4950	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	97	85	188	100	10
Silver	Ag	<	<	<	0.01	0.01
Sodium	Na	<	25	2	23	1
Strontium	Sr	1.64	23.4	10.8	18.9	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	<	<	<	0.02	0.02
Tin	Sn	<	<	<	<	0.1
Titanium	Ti	0.9	1.3	0.8	1.7	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	<	<	<	<	0.5
Zinc	Zn	8.0	445	22.5	202	0.5
Zirconium	Zr	<	<	<	<	3

Results expressed as micrograms per gram, dry basis (µg/g)  
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**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		SASP-TAIL-2	VAVI-N4-1	LELA-DOMER 6-1	SASP-DOMER 6-1	DETECTION LIMIT
CANTEST ID:		511230744	511240010	511240011	511240012	
Aluminum	Al	19.9	15.8	40.4	8.7	0.5
Antimony	Sb	0.7	<	<	<	0.1
Arsenic	As	8.3	<	0.7	0.5	0.1
Barium	Ba	32.6	6.2	54.8	1.5	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	79	14	39	29	2
Cadmium	Cd	23.7	0.10	0.07	0.95	0.02
Calcium	Ca	23200	1840	9280	9010	1
Chromium	Cr	<	<	<	<	0.1
Cobalt	Co	2.0	<	<	0.1	0.1
Copper	Cu	11.2	4.4	2.3	2.6	0.1
Iron	Fe	223	21	115	78	5
Lead	Pb	6.3	<	0.5	0.2	0.1
Magnesium	Mg	1880	606	2340	2760	0.5
Manganese	Mn	722	534	604	324	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	0.9	<	<	0.2	0.1
Nickel	Ni	2.2	0.2	0.2	0.2	0.1
Phosphorus	P	2190	1130	894	969	0.5
Potassium	K	11600	8360	3330	5230	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	97	99	140	91	10
Silver	Ag	0.08	<	<	<	0.01
Sodium	Na	5	<	5	130	1
Strontium	Sr	62.9	1.88	14.6	13.6	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	<	<	0.03	<	0.02
Tin	Sn	<	<	<	<	0.1
Titanium	Ti	2.3	0.8	1.3	1.1	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	<	<	<	<	0.5
Zinc	Zn	372	10.0	29.8	273	0.5
Zirconium	Zr	<	<	<	<	3

Results expressed as micrograms per gram, dry basis ( $\mu\text{g/g}$ )  
 < = Less than detection limit



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**Batch Quality Control for Conventional Parameters in Soil**

Parameter	QC Type	QC Result	Units	Lower Limit	Upper Limit
Total Cyanide	Duplicate	5.3	R.P.D.	0	25

ug/g = micrograms per gram, on a dry weight basis.  
R.P.D. = Relative Percent Difference



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**Batch Quality Control for Dissolved Metals Analysis in Tissue (QC# 73718)**

Parameter		Blank (ug/g)	Blank Limits	Duplicate (R.P.D.) 511230459	Duplicate Limits	Duplicate (R.P.D.) 511230476	Duplicate Limits
Aluminum	Al	< 0.5	0.2	4.8	20	7.2	20
Antimony	Sb	< 0.1	0.001	PASS	20	NC	20
Arsenic	As	< 0.1	0.002	6.1	20	NC	20
Barium	Ba	< 0.1	0.001	1.6	20	0.7	20
Beryllium	Be	< 0.02	0.001	NC	20	NC	20
Boron	B	< 2	0.02	2.5	20	0	20
Cadmium	Cd	< 0.02	0.0004	PASS	20	PASS	20
Calcium	Ca	< 1	0.3	0	20	4	20
Chromium	Cr	< 0.1	0.001	NC	20	NC	20
Cobalt	Co	< 0.1	0.001	NC	20	NC	20
Copper	Cu	< 0.1	0.001	9.2	20	6.1	20
Iron	Fe	< 5	0.05	4.1	20	3.5	20
Lead	Pb	< 0.1	0.002	0	20	NC	20
Magnesium	Mg	< 0.5	0.2	2.1	20	5.7	20
Manganese	Mn	< 0.1	0.01	1.9	20	2.2	20
Mercury	Hg	-	-	NC	20	NC	20
Molybdenum	Mo	< 0.1	0.002	NC	20	NC	20
Nickel	Ni	< 0.1	0.003	PASS	20	15.4	20
Phosphorus	P	< 0.5	0.1	0.7	20	6.7	20
Potassium	K	< 1	0.3	1.2	20	1	20
Selenium	Se	< 0.2	0.004	NC	20	NC	20
Silver	Ag	< 0.01	0.001	PASS	20	NC	20
Sodium	Na	< 1	0.5	0	20	3.9	20
Strontium	Sr	< 0.05	0.002	0.8	20	3.9	20
Tellurium	Te	< 0.1	0.002	NC	20	NC	20
Thallium	Tl	< 0.02	0.002	0	20	NC	20
Tin	Sn	< 0.1	0.01	NC	20	NC	20
Titanium	Ti	< 0.3	0.01	5.4	20	PASS	20
Uranium	U	< 0.04	0.002	NC	20	NC	20
Vanadium	V	< 0.5	0.002	NC	20	NC	20
Zinc	Zn	< 0.5	0.04	1.3	20	8.7	20
Zirconium	Zr	< 3	0.04	NC	20	NC	20

ug/g = micrograms per gram, dry basis

R.P.D. = Relative Percent Difference

PASS = Duplicate sample results were in the range of one to five times the detection limit. R.P.D. calculation is not applicable in this range. Acceptance criteria is a maximum difference between the duplicates equivalent to the value of the detection limit.

NC = Not Calculated. Duplicate sample results were less than the detection limit. Relative Percent Difference calculation is not defined for analyte levels of less than detection limit.



REPORTED TO: Environmental Dynamics Inc.



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**Batch Quality Control for Dissolved Metals Analysis in Tissue (QC# 73718)**

Parameter		Duplicate (R.P.D.) 511230490	Duplicate Limits	Duplicate (R.P.D.) 511230502	Duplicate Limits	NIST1570a Spinach Leaves (% Recovery)	NIST1570a Spinach Leaves Limits
Aluminum	Al	1.3	20	11.9	20	43	17 - 93
Antimony	Sb	NC	20	NC	20	-	-
Arsenic	As	NC	20	NC	20	-	-
Barium	Ba	1.1	20	3.3	20	-	-
Beryllium	Be	NC	20	NC	20	-	-
Boron	B	5.4	20	6.1	20	136	63 - 143
Cadmium	Cd	PASS	20	PASS	20	103	39 - 114
Calcium	Ca	4.2	20	9.3	20	107	60 - 120
Chromium	Cr	NC	20	NC	20	-	-
Cobalt	Co	NC	20	NC	20	77	50 - 150
Copper	Cu	0	20	0	20	84	62 - 124
Iron	Fe	0	20	PASS	20	-	-
Lead	Pb	NC	20	NC	20	-	-
Magnesium	Mg	2.2	20	10.8	20	-	-
Manganese	Mn	2.9	20	10.8	20	99	53 - 134
Mercury	Hg	NC	20	NC	20	87	59 - 119
Molybdenum	Mo	PASS	20	PASS	20	-	-
Nickel	Ni	PASS	20	PASS	20	75	58 - 126
Phosphorus	P	1.3	20	6	20	118	60 - 120
Potassium	K	2.1	20	8.6	20	111	60 - 120
Selenium	Se	NC	20	NC	20	-	-
Silver	Ag	NC	20	NC	20	-	-
Sodium	Na	PASS	20	NC	20	107	60 - 120
Strontium	Sr	1.3	20	6.3	20	83	60 - 120
Tellurium	Te	NC	20	NC	20	-	-
Thallium	Tl	NC	20	NC	20	-	-
Tin	Sn	NC	20	NC	20	-	-
Titanium	Ti	PASS	20	PASS	20	-	-
Uranium	U	NC	20	NC	20	-	-
Vanadium	V	NC	20	NC	20	140	50 - 150
Zinc	Zn	0	20	7.8	20	66	48 - 110
Zirconium	Zr	NC	20	NC	20	-	-

ug/g = micrograms per gram, dry basis

R.P.D. = Relative Percent Difference

PASS = Duplicate sample results were in the range of one to five times the detection limit. R.P.D. calculation is not applicable in this range. Acceptance criteria is a maximum difference between the duplicates equivalent to the value of the detection limit.

NC = Not Calculated. Duplicate sample results were less than the detection limit. Relative Percent Difference calculation is not defined for analyte levels of less than detection limit.



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**Batch Quality Control for Dissolved Metals Analysis in Tissue (QC# 73718)**

Parameter		NIST1573a Tomato Leaves (% Recovery)	NIST1573a Tomato Leaves Limits
Aluminum	Al	35	7 - 91
Arsenic	As	179	80 - 283
Boron	B	114	62 - 142
Cadmium	Cd	103	30 - 124
Calcium	Ca	120	60 - 120
Chromium	Cr	55	28 - 97
Cobalt	Co	88	50 - 150
Copper	Cu	79	59 - 125
Iron	Fe	124	52 - 167
Manganese	Mn	98	62 - 131
Mercury	Hg	106	66 - 110
Nickel	Ni	69	28 - 143
Phosphorus	P	119	60 - 120
Potassium	K	114	60 - 120
Sodium	Na	96	60 - 120
Vanadium	V	84	50 - 150
Zinc	Zn	65	49 - 109

ug/g = micrograms per gram, dry basis



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**Batch Quality Control for Dissolved Metals Analysis in Tissue (QC# 73759)**

Parameter		Blank (ug/g)	Blank Limits	Duplicate (R.P.D.) 511230531	Duplicate Limits	Duplicate (R.P.D.) 511230558	Duplicate Limits
Aluminum	Al	< 0.5	0.2	4.3	20	3.9	20
Antimony	Sb	< 0.1	0.001	PASS	20	PASS	20
Arsenic	As	< 0.1	0.002	5.7	20	0	20
Barium	Ba	< 0.1	0.001	0.6	20	4.4	20
Beryllium	Be	< 0.02	0.001	NC	20	NC	20
Boron	B	< 2	0.02	2.9	20	PASS	20
Cadmium	Cd	< 0.02	0.0004	NC	20	8	20
Calcium	Ca	< 1	0.3	4	20	6.1	20
Chromium	Cr	< 0.1	0.001	NC	20	PASS	20
Cobalt	Co	< 0.1	0.001	NC	20	PASS	20
Copper	Cu	< 0.1	0.001	3.1	20	0	20
Iron	Fe	< 5	0.05	1.9	20	0.8	20
Lead	Pb	< 0.1	0.002	11.8	20	8	20
Magnesium	Mg	< 0.5	0.2	2.9	20	10.3	20
Manganese	Mn	< 0.1	0.01	1.8	20	2.5	20
Mercury	Hg	-	-	NC	20	NC	20
Molybdenum	Mo	< 0.1	0.002	NC	20	PASS	20
Nickel	Ni	< 0.1	0.003	PASS	20	0	20
Phosphorus	P	< 0.5	0.1	1.5	20	4.7	20
Potassium	K	< 1	0.3	1.6	20	7.6	20
Selenium	Se	< 0.2	0.004	NC	20	NC	20
Silver	Ag	< 0.01	0.001	PASS	20	PASS	20
Sodium	Na	< 1	0.5	15.4	20	12	20
Strontium	Sr	< 0.05	0.002	1.6	20	3.8	20
Tellurium	Te	< 0.1	0.002	NC	20	NC	20
Thallium	Tl	< 0.02	0.002	0	20	NC	20
Tin	Sn	< 0.1	0.01	NC	20	NC	20
Titanium	Ti	< 0.3	0.01	PASS	20	5.4	20
Uranium	U	< 0.04	0.002	NC	20	NC	20
Vanadium	V	< 0.5	0.002	NC	20	PASS	20
Zinc	Zn	< 0.5	0.04	0.9	20	2.6	20
Zirconium	Zr	< 3	0.04	NC	20	NC	20

ug/g = micrograms per gram, dry basis

R.P.D. = Relative Percent Difference

PASS = Duplicate sample results were in the range of one to five times the detection limit. R.P.D. calculation is not applicable in this range. Acceptance criteria is a maximum difference between the duplicates equivalent to the value of the detection limit.

NC = Not Calculated. Duplicate sample results were less than the detection limit. Relative Percent Difference calculation is not defined for analyte levels of less than detection limit.





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**Batch Quality Control for Dissolved Metals Analysis in Tissue (QC# 73759)**

Parameter		Duplicate (R.P.D.) 511230575	Duplicate Limits	Duplicate (R.P.D.) 511230595	Duplicate Limits	Duplicate (R.P.D.) 511230618	Duplicate Limits
Aluminum	Al	6.1	20	17.3	20	2.8	20
Antimony	Sb	NC	20	NC	20	NC	20
Arsenic	As	PASS	20	NC	20	15.4	20
Barium	Ba	5.4	20	14.5	20	2.8	20
Beryllium	Be	NC	20	NC	20	NC	20
Boron	B	0	20	PASS	20	0	20
Cadmium	Cd	1.8	20	NC	20	NC	20
Calcium	Ca	3.4	20	17.7	20	1.5	20
Chromium	Cr	PASS	20	NC	20	NC	20
Cobalt	Co	PASS	20	NC	20	NC	20
Copper	Cu	8	20	13	20	3.1	20
Iron	Fe	4.1	20	PASS	20	5.1	20
Lead	Pb	PASS	20	NC	20	0	20
Magnesium	Mg	3.4	20	6.5	20	3.4	20
Manganese	Mn	2	20	12.4	20	4.5	20
Mercury	Hg	NC	20	NC	20	NC	20
Molybdenum	Mo	NC	20	NC	20	NC	20
Nickel	Ni	7.4	20	PASS	20	PASS	20
Phosphorus	P	2.8	20	8.8	20	4.4	20
Potassium	K	5.9	20	10.1	20	1.9	20
Selenium	Se	NC	20	NC	20	NC	20
Silver	Ag	PASS	20	NC	20	PASS	20
Sodium	Na	6.9	20	7.4	20	PASS	20
Strontium	Sr	3.4	20	18.8	20	3.4	20
Tellurium	Te	NC	20	NC	20	NC	20
Thallium	Tl	NC	20	NC	20	NC	20
Tin	Sn	NC	20	NC	20	NC	20
Titanium	Ti	PASS	20	PASS	20	PASS	20
Uranium	U	NC	20	NC	20	NC	20
Vanadium	V	NC	20	NC	20	NC	20
Zinc	Zn	2.9	20	14.1	20	1.9	20
Zirconium	Zr	NC	20	NC	20	NC	20

ug/g = micrograms per gram, dry basis

R.P.D. = Relative Percent Difference

PASS = Duplicate sample results were in the range of one to five times the detection limit. R.P.D. calculation is not applicable in this range. Acceptance criteria is a maximum difference between the duplicates equivalent to the value of the detection limit.

NC = Not Calculated. Duplicate sample results were less than the detection limit. Relative Percent Difference calculation is not defined for analyte levels of less than detection limit.



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Batch Quality Control for Dissolved Metals Analysis in Tissue (QC# 73759)

Parameter		Duplicate (R.P.D.) 511230629	Duplicate Limits	NIST1570a Spinach Leaves (% Recovery)	NIST1570a Spinach Leaves Limits	NIST1573a Tomato Leaves (% Recovery)	NIST1573a Tomato Leaves Limits
Aluminum	Al	2.2	20	60	17 - 93	44	7 - 91
Antimony	Sb	PASS	20	-	-	-	-
Arsenic	As	5.7	20	-	-	123	80 - 283
Barium	Ba	4.4	20	-	-	-	-
Beryllium	Be	NC	20	-	-	-	-
Boron	B	NC	20	130	63 - 143	117	62 - 142
Cadmium	Cd	3.3	20	104	39 - 114	66	30 - 124
Calcium	Ca	4.6	20	99	60 - 120	99	60 - 120
Chromium	Cr	PASS	20	-	-	50	28 - 97
Cobalt	Co	PASS	20	103	50 - 150	83	50 - 150
Copper	Cu	0	20	107	62 - 124	85	59 - 125
Iron	Fe	2.8	20	-	-	101	52 - 167
Lead	Pb	3.3	20	-	-	-	-
Magnesium	Mg	1.2	20	-	-	-	-
Manganese	Mn	3.5	20	99	53 - 134	81	62 - 131
Mercury	Hg	NC	20	83	59 - 119	85	66 - 110
Molybdenum	Mo	NC	20	-	-	-	-
Nickel	Ni	PASS	20	93	58 - 126	63	28 - 143
Phosphorus	P	5.7	20	103	60 - 120	104	60 - 120
Potassium	K	3.7	20	101	60 - 120	101	60 - 120
Selenium	Se	NC	20	-	-	-	-
Silver	Ag	10.5	20	-	-	-	-
Sodium	Na	3.7	20	101	60 - 120	118	60 - 120
Strontium	Sr	2.1	20	95	60 - 120	-	-
Tellurium	Te	NC	20	-	-	-	-
Thallium	Tl	NC	20	-	-	-	-
Tin	Sn	NC	20	-	-	-	-
Titanium	Ti	0	20	-	-	-	-
Uranium	U	NC	20	-	-	-	-
Vanadium	V	NC	20	117	50 - 150	50	50 - 150
Zinc	Zn	5.4	20	94	48 - 110	87	49 - 109
Zirconium	Zr	NC	20	-	-	-	-

ug/g = micrograms per gram, dry basis

R.P.D. = Relative Percent Difference

PASS = Duplicate sample results were in the range of one to five times the detection limit. R.P.D. calculation is not applicable in this range. Acceptance criteria is a maximum difference between the duplicates equivalent to the value of the detection limit.

NC = Not Calculated. Duplicate sample results were less than the detection limit. Relative Percent Difference calculation is not defined for analyte levels of less than detection limit.



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**Batch Quality Control for Dissolved Metals Analysis in Tissue (QC# 73864)**

Parameter		Blank (ug/g)	Blank Limits	Duplicate (R.P.D.) 511230652	Duplicate Limits	Duplicate (R.P.D.) 511230658	Duplicate Limits
Aluminum	Al	< 0.5	0.2	1.2	20	17	20
Antimony	Sb	< 0.1	0.001	PASS	20	14.4	20
Arsenic	As	< 0.1	0.002	4.7	20	19.6	20
Barium	Ba	< 0.1	0.001	1.2	20	15.9	20
Beryllium	Be	< 0.02	0.001	NC	20	NC	20
Boron	B	< 2	0.02	PASS	20	8	20
Cadmium	Cd	< 0.02	0.0004	0.7	20	4	20
Calcium	Ca	< 1	0.3	0.6	20	5.7	20
Chromium	Cr	< 0.1	0.001	PASS	20	13.3	20
Cobalt	Co	< 0.1	0.001	0	20	PASS	20
Copper	Cu	< 0.1	0.001	2.8	20	11.6	20
Iron	Fe	< 5	0.05	6.5	20	5.8	20
Lead	Pb	< 0.1	0.002	7.4	20	17	20
Magnesium	Mg	< 0.5	0.2	0.4	20	4.4	20
Manganese	Mn	< 0.1	0.01	0.2	20	8.8	20
Mercury	Hg	-	-	NC	20	NC	20
Molybdenum	Mo	< 0.1	0.002	PASS	20	0	20
Nickel	Ni	< 0.1	0.003	0	20	PASS	20
Phosphorus	P	< 0.5	0.1	0.5	20	5.6	20
Potassium	K	< 1	0.3	2.8	20	3.8	20
Selenium	Se	< 0.2	0.004	NC	20	NC	20
Silver	Ag	< 0.01	0.001	PASS	20	14.3	20
Sodium	Na	< 1	0.5	7.4	20	1.7	20
Strontium	Sr	< 0.05	0.002	0.6	20	1.8	20
Tellurium	Te	< 0.1	0.002	NC	20	NC	20
Thallium	Tl	< 0.02	0.002	NC	20	PASS	20
Tin	Sn	< 0.1	0.01	NC	20	NC	20
Titanium	Ti	< 0.3	0.01	10.2	20	12.5	20
Uranium	U	< 0.04	0.002	NC	20	NC	20
Vanadium	V	< 0.5	0.002	NC	20	PASS	20
Zinc	Zn	< 0.5	0.04	1.3	20	4.4	20
Zirconium	Zr	< 3	0.04	NC	20	NC	20

ug/g = micrograms per gram, dry basis

R.P.D. = Relative Percent Difference

PASS = Duplicate sample results were in the range of one to five times the detection limit. R.P.D. calculation is not applicable in this range. Acceptance criteria is a maximum difference between the duplicates equivalent to the value of the detection limit.

NC = Not Calculated. Duplicate sample results were less than the detection limit. Relative Percent Difference calculation is not defined for analyte levels of less than detection limit.



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**Batch Quality Control for Dissolved Metals Analysis in Tissue (QC# 73864)**

Parameter		Duplicate (R.P.D.) 511230668	Duplicate Limits	Duplicate (R.P.D.) 511230678	Duplicate Limits	Duplicate (R.P.D.) 511230688	Duplicate Limits
Aluminum	Al	12.5	20	4.1	20	5.3	20
Antimony	Sb	NC	20	NC	20	NC	20
Arsenic	As	NC	20	PASS	20	PASS	20
Barium	Ba	11.5	20	13.7	20	3.2	20
Beryllium	Be	NC	20	NC	20	NC	20
Boron	B	8	20	PASS	20	0	20
Cadmium	Cd	5.3	20	PASS	20	0.7	20
Calcium	Ca	0.3	20	7.7	20	3.5	20
Chromium	Cr	NC	20	PASS	20	NC	20
Cobalt	Co	NC	20	NC	20	NC	20
Copper	Cu	2.7	20	5.1	20	3.2	20
Iron	Fe	PASS	20	3.5	20	4.9	20
Lead	Pb	NC	20	PASS	20	NC	20
Magnesium	Mg	9.8	20	3.1	20	3.4	20
Manganese	Mn	9.3	20	5.4	20	4.3	20
Mercury	Hg	NC	20	NC	20	NC	20
Molybdenum	Mo	PASS	20	PASS	20	PASS	20
Nickel	Ni	PASS	20	PASS	20	PASS	20
Phosphorus	P	4.5	20	4	20	5.8	20
Potassium	K	2.3	20	7.2	20	2.8	20
Selenium	Se	NC	20	NC	20	NC	20
Silver	Ag	NC	20	PASS	20	NC	20
Sodium	Na	PASS	20	PASS	20	7.4	20
Strontium	Sr	2.7	20	7	20	3.9	20
Tellurium	Te	NC	20	NC	20	NC	20
Thallium	Tl	NC	20	NC	20	NC	20
Tin	Sn	NC	20	NC	20	NC	20
Titanium	Ti	PASS	20	PASS	20	PASS	20
Uranium	U	NC	20	NC	20	NC	20
Vanadium	V	NC	20	NC	20	NC	20
Zinc	Zn	4.8	20	2.7	20	3.6	20
Zirconium	Zr	NC	20	NC	20	NC	20

ug/g = micrograms per gram, dry basis

R.P.D. = Relative Percent Difference

PASS = Duplicate sample results were in the range of one to five times the detection limit. R.P.D. calculation is not applicable in this range. Acceptance criteria is a maximum difference between the duplicates equivalent to the value of the detection limit.

NC = Not Calculated. Duplicate sample results were less than the detection limit. Relative Percent Difference calculation is not defined for analyte levels of less than detection limit.



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Batch Quality Control for Dissolved Metals Analysis in Tissue (QC# 73864)

Parameter		NIST1570a Spinach Leaves (% Recovery)	NIST1570a Spinach Leaves Limits	NIST1573a Tomato Leaves (% Recovery)	NIST1573a Tomato Leaves Limits
Aluminum	Al	36	17 - 93	35	7 - 91
Arsenic	As	-	-	179	80 - 283
Boron	B	114	63 - 143	111	62 - 142
Cadmium	Cd	97	39 - 114	103	30 - 124
Calcium	Ca	111	60 - 120	120	60 - 120
Chromium	Cr	-	-	40	28 - 97
Cobalt	Co	77	50 - 150	70	50 - 150
Copper	Cu	90	62 - 124	77	59 - 125
Iron	Fe	-	-	105	52 - 167
Manganese	Mn	79	53 - 134	81	62 - 131
Mercury	Hg	87	59 - 119	97	66 - 110
Nickel	Ni	93	58 - 126	63	28 - 143
Phosphorus	P	106	60 - 120	112	60 - 120
Potassium	K	98	60 - 120	105	60 - 120
Sodium	Na	97	60 - 120	88	60 - 120
Strontium	Sr	92	60 - 120	-	-
Vanadium	V	91	50 - 150	60	50 - 150
Zinc	Zn	76	48 - 110	64	49 - 109

ug/g = micrograms per gram, dry basis



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**Batch Quality Control for Dissolved Metals Analysis in Tissue (QC# 73973)**

Parameter		Blank (ug/g)	Blank Limits	Duplicate (R.P.D.) 511230696	Duplicate Limits	Duplicate (R.P.D.) 511230706	Duplicate Limits
Aluminum	Al	< 0.5	0.2	2	20	4.4	20
Antimony	Sb	< 0.1	0.001	NC	20	NC	20
Arsenic	As	< 0.1	0.002	10.5	20	PASS	20
Barium	Ba	< 0.1	0.001	9.5	20	0.3	20
Beryllium	Be	< 0.02	0.001	NC	20	NC	20
Boron	B	< 2	0.02	PASS	20	0	20
Cadmium	Cd	< 0.02	0.0004	1.8	20	PASS	20
Calcium	Ca	< 1	0.3	3.6	20	2	20
Chromium	Cr	< 0.1	0.001	NC	20	NC	20
Cobalt	Co	< 0.1	0.001	0	20	NC	20
Copper	Cu	< 0.1	0.001	5	20	0	20
Iron	Fe	< 5	0.05	19.5	20	2.9	20
Lead	Pb	< 0.1	0.002	PASS	20	PASS	20
Magnesium	Mg	< 0.5	0.2	2.1	20	3.7	20
Manganese	Mn	< 0.1	0.01	1.9	20	0.3	20
Mercury	Hg	-	-	NC	20	NC	20
Molybdenum	Mo	< 0.1	0.002	NC	20	NC	20
Nickel	Ni	< 0.1	0.003	3.9	20	PASS	20
Phosphorus	P	< 0.5	0.1	1.1	20	1.4	20
Potassium	K	< 1	0.3	3.7	20	0.2	20
Selenium	Se	< 0.2	0.004	NC	20	NC	20
Silver	Ag	< 0.01	0.001	NC	20	NC	20
Sodium	Na	< 1	0.5	5.1	20	PASS	20
Strontium	Sr	< 0.05	0.002	6.3	20	0.3	20
Tellurium	Te	< 0.1	0.002	NC	20	NC	20
Thallium	Tl	< 0.02	0.002	NC	20	NC	20
Tin	Sn	< 0.1	0.01	NC	20	NC	20
Titanium	Ti	< 0.3	0.01	PASS	20	11.1	20
Uranium	U	< 0.04	0.002	NC	20	NC	20
Vanadium	V	< 0.5	0.002	NC	20	NC	20
Zinc	Zn	< 0.5	0.04	6.2	20	0.4	20
Zirconium	Zr	< 3	0.04	NC	20	NC	20

ug/g = micrograms per gram, dry basis

R.P.D. = Relative Percent Difference

PASS = Duplicate sample results were in the range of one to five times the detection limit. R.P.D. calculation is not applicable in this range. Acceptance criteria is a maximum difference between the duplicates equivalent to the value of the detection limit.

NC = Not Calculated. Duplicate sample results were less than the detection limit. Relative Percent Difference calculation is not defined for analyte levels of less than detection limit.



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**Batch Quality Control for Dissolved Metals Analysis in Tissue (QC# 73973)**

Parameter		Duplicate (R.P.D.) 511230716	Duplicate Limits	Duplicate (R.P.D.) 511230726	Duplicate Limits	Duplicate (R.P.D.) 511230736	Duplicate Limits
Aluminum	Al	2.1	20	1.1	20	0.9	20
Antimony	Sb	NC	20	NC	20	NC	20
Arsenic	As	0	20	PASS	20	5.4	20
Barium	Ba	3.9	20	5.5	20	1.4	20
Beryllium	Be	NC	20	NC	20	NC	20
Boron	B	0	20	0	20	PASS	20
Cadmium	Cd	1.9	20	PASS	20	8.5	20
Calcium	Ca	1.8	20	1.6	20	9	20
Chromium	Cr	NC	20	NC	20	NC	20
Cobalt	Co	0	20	NC	20	0	20
Copper	Cu	2.7	20	3.1	20	4.7	20
Iron	Fe	0.7	20	0	20	3.6	20
Lead	Pb	PASS	20	PASS	20	18.2	20
Magnesium	Mg	1.7	20	3.6	20	4	20
Manganese	Mn	2.6	20	5.7	20	3.5	20
Mercury	Hg	NC	20	NC	20	NC	20
Molybdenum	Mo	PASS	20	NC	20	NC	20
Nickel	Ni	0	20	PASS	20	8	20
Phosphorus	P	1	20	0.7	20	5.3	20
Potassium	K	3.3	20	2.4	20	4.3	20
Selenium	Se	NC	20	NC	20	NC	20
Silver	Ag	PASS	20	PASS	20	PASS	20
Sodium	Na	2.2	20	PASS	20	PASS	20
Strontium	Sr	2.5	20	2.6	20	3.3	20
Tellurium	Te	NC	20	NC	20	NC	20
Thallium	Tl	NC	20	PASS	20	NC	20
Tin	Sn	NC	20	NC	20	NC	20
Titanium	Ti	4.4	20	13.3	20	PASS	20
Uranium	U	NC	20	NC	20	NC	20
Vanadium	V	NC	20	NC	20	NC	20
Zinc	Zn	1	20	5.2	20	1.5	20
Zirconium	Zr	NC	20	NC	20	NC	20

ug/g = micrograms per gram, dry basis

R.P.D. = Relative Percent Difference

PASS = Duplicate sample results were in the range of one to five times the detection limit. R.P.D. calculation is not applicable in this range. Acceptance criteria is a maximum difference between the duplicates equivalent to the value of the detection limit.

NC = Not Calculated. Duplicate sample results were less than the detection limit. Relative Percent Difference calculation is not defined for analyte levels of less than detection limit.



REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: February 20, 2006

GROUP NUMBER: 61123143

**Batch Quality Control for Dissolved Metals Analysis in Tissue (QC# 73973)**

Parameter		NIST1570a Spinach Leaves (% Recovery)	NIST1570a Spinach Leaves Limits	NIST1573a Tomato Leaves (% Recovery)	NIST1573a Tomato Leaves Limits
Aluminum	Al	39	17 - 93	36	7 - 91
Arsenic	As	-	-	268	80 - 283
Boron	B	130	63 - 143	111	62 - 142
Cadmium	Cd	109	39 - 114	111	30 - 124
Calcium	Ca	95	60 - 120	120	60 - 120
Chromium	Cr	-	-	70	28 - 97
Cobalt	Co	103	50 - 150	105	50 - 150
Copper	Cu	90	62 - 124	94	59 - 125
Iron	Fe	-	-	157	52 - 167
Manganese	Mn	127	53 - 134	127	62 - 131
Mercury	Hg	93	59 - 119	97	66 - 110
Nickel	Ni	89	58 - 126	82	28 - 143
Phosphorus	P	101	60 - 120	119	60 - 120
Potassium	K	98	60 - 120	106	60 - 120
Sodium	Na	102	60 - 120	92	60 - 120
Strontium	Sr	85	60 - 120	-	-
Vanadium	V	123	50 - 150	96	50 - 150
Zinc	Zn	69	48 - 110	70	49 - 109

ug/g = micrograms per gram, dry basis





REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: February 20, 2006

GROUP NUMBER: 61123143

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**Instrument Quality Control for the Mercury Monitor (QC# 148387)**

QC Type: Calibration Verification

Parameter		% Recovery	Limits
Mercury	Hg	107	90 - 110



REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: February 20, 2006

GROUP NUMBER: 61123143

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**Instrument Quality Control for the Mercury Monitor (QC# 148461)**

QC Type: Calibration Verification

Parameter		% Recovery	Limits
Mercury	Hg	107	90 - 110



REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: February 20, 2006

GROUP NUMBER: 61123143

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**Instrument Quality Control for the Mercury Monitor (QC# 148462)**

QC Type: Calibration Verification

Parameter	% Recovery	Limits
Mercury Hg	107	90 - 110



REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: February 20, 2006

GROUP NUMBER: 61123143

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**Instrument Quality Control for the Mercury Monitor (QC# 148464)**

QC Type: Calibration Verification

Parameter	% Recovery	Limits
Mercury Hg	107	90 - 110



REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: February 20, 2006

GROUP NUMBER: 61123143

**Batch Quality Control Frequency Summary**

Metals Plant Tissue Digestion (Batch# 73718)

QC Type	No. Samples
NIST1570a Spinach Leaves	1
NIST1573a Tomato Leaves	1
Blank	2
Duplicate	4

Metals Plant Tissue Digestion (Batch# 73759)

QC Type	No. Samples
NIST1570a Spinach Leaves	1
NIST1573a Tomato Leaves	1
Blank	2
Duplicate	6

Metals Plant Tissue Digestion (Batch# 73864)

QC Type	No. Samples
NIST1570a Spinach Leaves	1
NIST1573a Tomato Leaves	1
Blank	2
Duplicate	5

Metals Plant Tissue Digestion (Batch# 73973)

QC Type	No. Samples
NIST1570a Spinach Leaves	1
NIST1573a Tomato Leaves	1
Blank	2
Duplicate	5

(Continued on next page)



REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: February 20, 2006

GROUP NUMBER: 61123143

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**Batch Quality Control Frequency Summary**

Wtr. Lab Soil/Solid IC Anions (Batch# 73683)

QC Type	No. Samples
Batch Size	55

Metals Plant Tissue Digestion (Batch# 73718)

QC Type	No. Samples
Batch Size	46

Metals Plant Tissue Digestion (Batch# 73759)

QC Type	No. Samples
Batch Size	62

Metals Plant Tissue Digestion (Batch# 73864)

QC Type	No. Samples
Batch Size	48

Metals Plant Tissue Digestion (Batch# 73973)

QC Type	No. Samples
Batch Size	52



# Analysis Report



CANTEST LTD.

**REPORT ON:** Analysis of Tissue Samples

**REPORTED TO:** Environmental Dynamics  
3128 3rd Ave  
Whitehorse, YK  
Y1A 1E7

Att'n: Pat Tobler

**CHAIN OF CUSTODY:** 192247  
**PROJECT NAME:** Mt. Nansen  
**PROJECT NUMBER:** 05-YC-0025  
**P.O. NUMBER:** 10162

Professional  
Analytical  
Services

4606 Canada Way  
Burnaby, B.C.  
V5G 1K5

Fax: 604 731 2386

Tel: 604 734 7276

1 800 665 8566

**NUMBER OF SAMPLES:** 5

**REPORT DATE:** March 27, 2006

**DATE SUBMITTED:** March 8, 2006

**GROUP NUMBER:** 70309007

**SAMPLE TYPE:** Tissue

**NOTE:** Results contained in this report refer only to the testing of samples as submitted. Other information is available on request.

## TEST METHODS:

**Moisture Content of Plant Tissue** - analysis was performed gravimetrically by heating a pre-weighed portion of sample at 105C and measuring the weight loss.

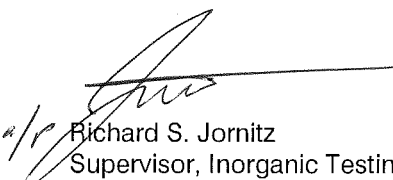
**Mercury in Tissue** - samples were digested using a nitric acid-hydrogen peroxide digestion procedure based on EPA Method 200.3. Analysis was performed using Cold Vapour Atomic Absorption Spectrophotometry or Cold Vapour Atomic Fluorescence Spectrophotometry.

**Metals in Tissue** - samples were digested using a nitric acid-hydrogen peroxide digestion procedure based on EPA Method 200.3. Analysis was performed using Inductively Coupled Argon Plasma Spectroscopy (ICP), ICP Mass Spectrometry (ICP/MS), or Atomic Absorption techniques.

## TEST RESULTS:

(See following pages)

CANTEST LTD.

  
Richard S. Jornitz  
Supervisor, Inorganic Testing

Page 1 of 8



REPORTED TO: Environmental Dynamics



REPORT DATE: March 27, 2006

GROUP NUMBER: 70309007

**Conventional Parameters in Tissue**

CLIENT SAMPLE IDENTIFICATION:	CANTEST ID	Moisture
LELA-BVEG2-1	603090054	40.0
LELA-BVEG3-1	603090055	50.9
SASP-BVEG1-1	603090056	59.2
SASP-BVEG2-1	603090057	56.3
SASP-BVEG3-1	603090058	56.6
DETECTION LIMIT UNITS		0.1 %

% = percent





REPORTED TO: Environmental Dynamics



REPORT DATE: March 27, 2006

GROUP NUMBER: 70309007

**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		LELA-BVEG2 -1	LELA-BVEG3 -1	SASP-BVEG1 -1	SASP-BVEG2 -1	DETECTION LIMIT
CANTEST ID:		603090054	603090055	603090056	603090057	
Aluminum	Al	20.2	22.4	18.0	22.3	0.5
Antimony	Sb	<	<	<	<	0.1
Arsenic	As	0.5	3.5	0.4	1.1	0.1
Barium	Ba	98.6	110	21.3	29.3	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	27	81	25	27	2
Cadmium	Cd	<	<	1.80	2.95	0.02
Calcium	Ca	8000	10000	13000	15300	1
Chromium	Cr	<	<	<	0.3	0.1
Cobalt	Co	<	0.1	0.2	0.4	0.1
Copper	Cu	3.2	5.8	4.4	5.1	0.1
Iron	Fe	68	753	108	141	5
Lead	Pb	0.5	0.5	0.4	0.8	0.1
Magnesium	Mg	2150	1440	4210	3550	0.5
Manganese	Mn	839	1720	259	269	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	<	<	<	<	0.1
Nickel	Ni	0.7	0.5	0.8	6.2	0.1
Phosphorus	P	799	832	945	819	0.5
Potassium	K	3450	4200	6180	5300	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	182	180	145	149	10
Silver	Ag	0.01	0.09	<	0.01	0.01
Sodium	Na	8	160	34	38	1
Strontium	Sr	24.6	27.1	49.8	54.6	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	0.11	0.28	<	<	0.02
Tin	Sn	0.1	0.3	0.1	0.2	0.1
Titanium	Ti	0.9	1.0	1.1	1.4	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	<	<	<	<	0.5
Zinc	Zn	24.9	27.2	134	293	0.5
Zirconium	Zr	<	<	<	<	3

Results expressed as micrograms per gram, dry basis ( $\mu\text{g/g}$ )

< = Less than detection limit



REPORTED TO: Environmental Dynamics



REPORT DATE: March 27, 2006

GROUP NUMBER: 70309007

Metals Analysis in Tissue

CLIENT SAMPLE IDENTIFICATION:		SASP-BVEG3 -1	DETECTION LIMIT
CANTEST ID:		603090058	
Aluminum	Al	142	0.5
Antimony	Sb	<	0.1
Arsenic	As	1.4	0.1
Barium	Ba	55.7	0.1
Beryllium	Be	0.03	0.02
Boron	B	29	2
Cadmium	Cd	2.20	0.02
Calcium	Ca	13900	1
Chromium	Cr	<	0.1
Cobalt	Co	1.8	0.1
Copper	Cu	4.3	0.1
Iron	Fe	104	5
Lead	Pb	1.3	0.1
Magnesium	Mg	3350	0.5
Manganese	Mn	693	0.1
Mercury	Hg	<	0.01
Molybdenum	Mo	0.2	0.1
Nickel	Ni	3.1	0.1
Phosphorus	P	782	0.5
Potassium	K	6550	1
Selenium	Se	<	0.2
Silicon	Si	179	10
Silver	Ag	0.03	0.01
Sodium	Na	13	1
Strontium	Sr	69.9	0.05
Tellurium	Te	<	0.1
Thallium	Tl	<	0.02
Tin	Sn	<	0.1
Titanium	Ti	1.2	0.3
Uranium	U	<	0.04
Vanadium	V	<	0.5
Zinc	Zn	166	0.5
Zirconium	Zr	<	3

Results expressed as micrograms per gram, dry basis ( $\mu\text{g/g}$ )

< = Less than detection limit



REPORTED TO: Environmental Dynamics



REPORT DATE: March 27, 2006

GROUP NUMBER: 70309007

**Batch Quality Control for Dissolved Metals Analysis in Tissue (QC# 78028)**

Parameter		Blank (ug/g)	Blank Limits	Duplicate (R.P.D.) 603090058	Duplicate Limits	NIST1570a Spinach Leaves (% Recovery)	NIST1570a Spinach Leaves Limits
Aluminum	Al	< 0.5	0.2	5.6	20	65	17 - 93
Antimony	Sb	< 0.1	0.001	PASS	20	-	-
Arsenic	As	< 0.1	0.002	7.4	20	-	-
Barium	Ba	< 0.1	0.001	2.2	20	-	-
Beryllium	Be	< 0.02	0.001	PASS	20	-	-
Boron	B	< 2	0.02	6.9	20	120	63 - 143
Cadmium	Cd	< 0.02	0.0004	5.9	20	104	39 - 114
Calcium	Ca	< 1	0.3	2.9	20	98	60 - 120
Chromium	Cr	< 0.1	0.001	NC	20	-	-
Cobalt	Co	< 0.1	0.001	11.1	20	99	50 - 150
Copper	Cu	< 0.1	0.001	4.7	20	98	62 - 124
Iron	Fe	< 5	0.05	1	20	-	-
Lead	Pb	< 0.1	0.002	8	20	-	-
Magnesium	Mg	< 0.5	0.2	1.8	20	-	-
Manganese	Mn	< 0.1	0.01	4.6	20	100	53 - 134
Mercury	Hg	-	-	NC	20	87	59 - 119
Molybdenum	Mo	< 0.1	0.002	PASS	20	-	-
Nickel	Ni	< 0.1	0.003	3.3	20	93	58 - 126
Phosphorus	P	< 0.5	0.1	7.7	20	106	60 - 120
Potassium	K	< 1	0.3	6.7	20	103	60 - 120
Selenium	Se	< 0.2	0.004	NC	20	-	-
Silver	Ag	< 0.01	0.001	PASS	20	-	-
Sodium	Na	< 1	0.5	8.7	20	104	60 - 120
Strontium	Sr	< 0.05	0.002	5	20	103	60 - 120
Tellurium	Te	< 0.1	0.002	NC	20	-	-
Thallium	Tl	< 0.02	0.002	NC	20	-	-
Tin	Sn	< 0.1	0.01	NC	20	-	-
Titanium	Ti	< 0.3	0.01	PASS	20	-	-
Uranium	U	< 0.04	0.002	NC	20	-	-
Vanadium	V	< 0.5	0.002	NC	20	99	50 - 150
Zinc	Zn	< 0.5	0.04	1.2	20	99	48 - 110
Zirconium	Zr	< 3	0.04	NC	20	-	-

ug/g = micrograms per gram, dry basis

R.P.D. = Relative Percent Difference

PASS = Duplicate sample results were in the range of one to five times the detection limit. R.P.D. calculation is not applicable in this range. Acceptance criteria is a maximum difference between the duplicates equivalent to the value of the detection limit.

NC = Not Calculated. Duplicate sample results were less than the detection limit. Relative Percent Difference calculation is not defined for analyte levels of less than detection limit.



REPORTED TO: Environmental Dynamics



REPORT DATE: March 27, 2006

GROUP NUMBER: 70309007

Batch Quality Control for Dissolved Metals Analysis in Tissue (QC# 78028)

Parameter		NRC TORT-2, "Lobster Tissue" (% Recovery)	NRC TORT-2, "Lobster Tissue" Limits
Arsenic	As	97	66 - 113
Cadmium	Cd	85	63 - 118
Chromium	Cr	62	60 - 120
Cobalt	Co	98	60 - 120
Copper	Cu	93	60 - 120
Iron	Fe	88	60 - 120
Lead	Pb	143	39 - 150
Manganese	Mn	81	60 - 120
Mercury	Hg	96	85 - 115
Molybdenum	Mo	95	60 - 120
Nickel	Ni	84	50 - 122
Selenium	Se	99	67 - 118
Strontium	Sr	96	60 - 120
Vanadium	V	104	60 - 120
Zinc	Zn	90	53 - 125

ug/g = micrograms per gram, dry basis



REPORTED TO: Environmental Dynamics



REPORT DATE: March 27, 2006

GROUP NUMBER: 70309007

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**Instrument Quality Control for the Mercury Monitor (QC# 154872)**

QC Type: Calibration Verification

Parameter	% Recovery	Limits
Mercury Hg	107	90 - 110



REPORTED TO: Environmental Dynamics



REPORT DATE: March 27, 2006

GROUP NUMBER: 70309007

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**Batch Quality Control Frequency Summary**

Metals Plant Tissue Digestion (Batch# 78028)

QC Type	No. Samples
Duplicate	1
NIST1570a Spinach Leaves	1
NRC TORT-2, "Lobster Tissue"	1
Blank	2
Batch Size	7



REPORTED TO: Environmental Dynamics



REPORT DATE: September 18, 2006

GROUP NUMBER: 70825023

Conventional Parameters in Tissue

CLIENT SAMPLE IDENTIFICATION:	SAMPLE DATE	CANTEST ID	Moisture
CLMI-V1-1B	Aug 15/06	608250068	38.6
SASP-CP6-4	Aug 15/06	608250069	57.4
SASP-CP3-4	Aug 15/06	608250070	61.3
WHGR-CP5-4	Aug 15/06	608250071	51.0
CLMI-MR3-1	Aug 15/06	608250072	43.4
WHGR-CP9-4	Aug 15/06	608250073	54.8
LELA-CP1-4	Aug 15/06	608250074	50.8
SASP-CP1-4	Aug 15/06	608250075	62.4
CLMI-J5-4	Aug 15/06	608250076	39.9
CLMI-B5-3	Aug 15/06	608250078	31.9
CLMI-S4-1	Aug 15/06	608250079	46.9
CLMI-V1-1A	Aug 15/06	608250082	45.3
SASP-CP8-4	Aug 15/06	608250083	61.4
CLMI-V4-1	Aug 15/06	608250084	47.4
WHGR-MWR-1	Aug 15/06	608250085	48.8
CLMI-U2-1	Aug 15/06	608250086	50.8
WHGR-CP6-4	Aug 15/06	608250087	62.0
CLMI-V3-1	Aug 15/06	608250089	47.0
SASP-PWR-3	Aug 15/06	608250090	57.7
WHGR-PWR-1	Aug 15/06	608250091	54.0
SASP-MWR-1	Aug 15/06	608250092	63.0
WHGR-MWR-2	Aug 15/06	608250094	58.8
CLMI-T3-1B	Aug 15/06	608250095	51.9
WHGR-PWR-2	Aug 15/06	608250097	50.6
SASP-PWR-4	Aug 15/06	608250098	57.6
CLMI-U4-1B	Aug 15/06	608250100	36.7
CLMI-U3-1	Aug 15/06	608250101	54.7
WHGR-PWR-3	Aug 15/06	608250102	50.4
WHGR-PWR-4	Aug 15/06	608250103	58.9
SASP-PWR-1	Aug 15/06	608250105	58.9
CLMI-U1-1	Aug 15/06	608250106	48.5
LELA-CP5-4	Aug 15/06	608250111	60.5
SASP-CP5-4	Aug 15/06	608250112	51.2
WHGR-CP3-4	Aug 15/06	608250113	54.4
LELA-CP7-4	Aug 15/06	608250114	49.2
SASP-CP9-4	Aug 15/06	608250115	58.4
CLMI-MR2-1	Aug 15/06	608250116	46.5
SASP-MWR-4	Aug 15/06	608250117	62.3

(Continued on next page)

REPORTED TO: Environmental Dynamics



REPORT DATE: September 18, 2006

GROUP NUMBER: 70825023

Conventional Parameters in Tissue

CLIENT SAMPLE IDENTIFICATION:	SAMPLE DATE	CANTEST ID	Moisture
LELA-CP9-4	Aug 15/06	608250118	50.3
LELA-CP6-4	Aug 15/06	608250119	49.8
CLMI-U5-1	Aug 15/06	608250120	47.9
SASP-PWR-2	Aug 15/06	608250121	61.6
CLMI-MR1-1	Aug 15/06	608250122	25.7
WHGR-MWR-3	Aug 15/06	608250123	52.3
SASP-MWR-2	Aug 15/06	608250124	63.6
CLMI-V2-1	Aug 15/06	608250125	38.0
WHGR-MWR-4	Aug 15/06	608250126	59.7
CLMI-T3-1A	Aug 15/06	608250127	48.8
CLMI-U4-1A	Aug 15/06	608250128	37.9
SASP-MWR-3	Aug 15/06	608250129	60.7
CLMI-S2-1	Aug 15/06	608250130	52.7
CLMI-S3-1	Aug 15/06	608250131	46.2
CLMI-T4-1	Aug 15/06	608250132	21.0
CLMI-S5-1	Aug 15/06	608250134	39.8
CLMI-T2-1	Aug 15/06	608250135	39.1
CLMI-S1-1	Aug 15/06	608250136	51.4
CLMI-T1-1	Aug 15/06	608250137	50.3
CLMI-B5-2	Aug 15/06	608250138	44.3
DETECTION LIMIT UNITS			0.1 %

% = percent



REPORTED TO: Environmental Dynamics



REPORT DATE: September 18, 2006

GROUP NUMBER: 70825023

**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		CLMI-V1-1B	SASP-CP6-4	SASP-CP3-4	WHGR-CP5-4	
DATE SAMPLED:		Aug 15/06	Aug 15/06	Aug 15/06	Aug 15/06	DETECTION LIMIT
CANTEST ID:		608250068	608250069	608250070	608250071	
Aluminum	Al	103	29.6	43.7	552	0.5
Antimony	Sb	<	<	<	0.8	0.1
Arsenic	As	0.9	<	0.3	5.2	0.1
Barium	Ba	5.3	49.2	84.3	25.6	0.1
Beryllium	Be	<	<	<	0.03	0.02
Boron	B	<	9	13	4	2
Cadmium	Cd	0.14	1.92	4.41	0.17	0.02
Calcium	Ca	769	8560	11300	2950	1
Chromium	Cr	0.3	0.2	0.3	5.7	0.1
Cobalt	Co	<	0.7	0.7	0.4	0.1
Copper	Cu	1.0	3.8	4.4	3.6	0.1
Iron	Fe	147	110	148	1000	5
Lead	Pb	1.7	<	2.3	4.4	0.1
Magnesium	Mg	324	2550	3900	1040	0.5
Manganese	Mn	104	866	205	155	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	<	0.1	0.1	0.5	0.1
Nickel	Ni	0.4	3.4	4.4	3.3	0.1
Phosphorus	P	534	1350	4210	2340	0.5
Potassium	K	1420	7160	12500	8630	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	112	120	167	860	10
Silver	Ag	0.14	<	0.02	0.12	0.01
Sodium	Na	13	19	7	11	1
Strontium	Sr	2.08	52.2	89.3	14.2	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	<	<	<	0.03	0.02
Tin	Sn	<	<	<	<	0.1
Titanium	Ti	5.0	2.0	5.4	19.9	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	<	<	<	1.8	0.5
Zinc	Zn	14.8	137	88.0	48.6	0.5
Zirconium	Zr	<	<	<	<	3

Results expressed as micrograms per gram, dry basis (µg/g)

< = Less than detection limit

REPORTED TO: Environmental Dynamics



REPORT DATE: September 18, 2006

GROUP NUMBER: 70825023

**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		CLMI-MR3-1	WHGR-CP9-4	LELA-CP1-4	SASP-CP1-4	
DATE SAMPLED:		Aug 15/06	Aug 15/06	Aug 15/06	Aug 15/06	DETECTION LIMIT
CANTEST ID:		608250072	608250073	608250074	608250075	
Aluminum	Al	142	6.9	34.3	39.9	0.5
Antimony	Sb	0.3	<	<	<	0.1
Arsenic	As	1.9	0.1	<	<	0.1
Barium	Ba	5.3	28.1	51.9	90.8	0.1
Beryllium	Be	<	<	<	0.02	0.02
Boron	B	<	3	16	10	2
Cadmium	Cd	0.05	0.20	<	5.96	0.02
Calcium	Ca	701	1980	4980	9690	1
Chromium	Cr	0.8	0.3	<	<	0.1
Cobalt	Co	0.1	<	<	1.2	0.1
Copper	Cu	1.2	3.8	3.7	4.0	0.1
Iron	Fe	215	41	70	111	5
Lead	Pb	2.6	5.1	<	0.1	0.1
Magnesium	Mg	286	706	1530	3040	0.5
Manganese	Mn	180	26.9	1310	849	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	<	0.6	<	0.1	0.1
Nickel	Ni	0.7	0.4	0.4	3.5	0.1
Phosphorus	P	460	1200	1440	4230	0.5
Potassium	K	1220	7360	5000	11700	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	152	456	214	137	10
Silver	Ag	0.30	<	<	0.02	0.01
Sodium	Na	16	5	4	5	1
Strontium	Sr	1.34	9.07	6.79	74.0	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	<	<	0.03	<	0.02
Tin	Sn	<	<	<	<	0.1
Titanium	Ti	8.0	1.0	1.4	3.1	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	<	<	<	<	0.5
Zinc	Zn	12.9	20.8	21.7	173	0.5
Zirconium	Zr	<	<	<	<	3

Results expressed as micrograms per gram, dry basis (µg/g)

< = Less than detection limit

REPORTED TO: Environmental Dynamics



REPORT DATE: September 18, 2006

GROUP NUMBER: 70825023

**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		CLMI-J5-4	CLMI-B5-3	CLMI-S4-1	CLMI-V1-1A	
DATE SAMPLED:		Aug 15/06	Aug 15/06	Aug 15/06	Aug 15/06	DETECTION LIMIT
CANTEST ID:		608250076	608250078	608250079	608250082	
Aluminum	Al	118	102	151	102	0.5
Antimony	Sb	<	<	<	<	0.1
Arsenic	As	0.6	0.2	0.8	0.8	0.1
Barium	Ba	3.8	4.2	6.2	4.5	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	<	<	<	<	2
Cadmium	Cd	0.08	0.02	0.03	0.15	0.02
Calcium	Ca	618	682	621	776	1
Chromium	Cr	0.3	0.2	0.6	0.4	0.1
Cobalt	Co	<	<	0.1	<	0.1
Copper	Cu	0.8	0.8	1.1	0.9	0.1
Iron	Fe	157	136	216	144	5
Lead	Pb	1.0	0.2	2.5	5.5	0.1
Magnesium	Mg	237	307	247	322	0.5
Manganese	Mn	120	142	159	110	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	<	<	<	<	0.1
Nickel	Ni	0.4	0.3	0.5	0.4	0.1
Phosphorus	P	328	489	324	526	0.5
Potassium	K	940	1220	969	1390	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	145	152	134	113	10
Silver	Ag	0.12	0.02	0.05	0.09	0.01
Sodium	Na	14	15	14	12	1
Strontium	Sr	1.62	1.63	1.36	2.08	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	<	<	<	<	0.02
Tin	Sn	0.1	<	<	<	0.1
Titanium	Ti	6.4	6.0	9.9	5.6	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	<	<	0.5	<	0.5
Zinc	Zn	10.5	13.8	14.2	14.4	0.5
Zirconium	Zr	<	<	<	<	3

Results expressed as micrograms per gram, dry basis (µg/g)

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REPORTED TO: Environmental Dynamics



REPORT DATE: September 18, 2006

GROUP NUMBER: 70825023

**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		SASP-CP8-4	CLMI-V4-1	WHGR-MWR-	CLMI-U2-1	
DATE SAMPLED:		Aug 15/06	Aug 15/06	Aug 15/06	Aug 15/06	DETECTION LIMIT
CANTEST ID:		608250083	608250084	608250085	608250086	
Aluminum	Al	44.2	234	72.1	88.6	0.5
Antimony	Sb	<	0.5	0.3	0.4	0.1
Arsenic	As	0.1	6.4	4.2	2.9	0.1
Barium	Ba	57.6	7.7	18.5	4.6	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	8	<	6	<	2
Cadmium	Cd	7.78	0.14	0.08	0.12	0.02
Calcium	Ca	11000	999	2660	864	1
Chromium	Cr	<	0.8	0.9	0.2	0.1
Cobalt	Co	1.2	0.2	<	0.1	0.1
Copper	Cu	4.3	1.6	2.8	1.4	0.1
Iron	Fe	125	503	182	160	5
Lead	Pb	0.2	4.4	4.1	3.6	0.1
Magnesium	Mg	3650	519	1110	499	0.5
Manganese	Mn	290	143	100	178	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	<	<	1.4	<	0.1
Nickel	Ni	1.7	0.6	0.8	0.4	0.1
Phosphorus	P	1870	641	2710	711	0.5
Potassium	K	11000	1470	7320	1850	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	126	144	525	152	10
Silver	Ag	0.04	0.16	0.05	0.33	0.01
Sodium	Na	5	12	7	18	1
Strontium	Sr	68.9	3.13	7.31	2.51	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	<	<	<	<	0.02
Tin	Sn	<	<	<	<	0.1
Titanium	Ti	2.2	9.8	2.4	4.6	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	<	1.0	<	<	0.5
Zinc	Zn	147	21.4	27.2	16.9	0.5
Zirconium	Zr	<	<	<	<	3

Results expressed as micrograms per gram, dry basis (µg/g)

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REPORTED TO: Environmental Dynamics



REPORT DATE: September 18, 2006

GROUP NUMBER: 70825023

**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		WHGR-CP6-4	CLMI-V3-1	SASP-PWR-3	WHGR-PWR-1	
DATE SAMPLED:		Aug 15/06	Aug 15/06	Aug 15/06	Aug 15/06	DETECTION LIMIT
CANTEST ID:		608250087	608250089	608250090	608250091	
Aluminum	Al	17.8	143	24.5	15.4	0.5
Antimony	Sb	<	0.1	<	<	0.1
Arsenic	As	0.4	1.0	0.5	0.5	0.1
Barium	Ba	14.7	4.1	0.4	1.2	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	3	<	28	10	2
Cadmium	Cd	<	0.09	9.72	0.57	0.02
Calcium	Ca	2060	811	6300	2130	1
Chromium	Cr	0.2	0.6	<	0.3	0.1
Cobalt	Co	<	0.1	1.7	<	0.1
Copper	Cu	3.7	0.9	5.8	5.9	0.1
Iron	Fe	52	200	113	64	5
Lead	Pb	0.1	1.0	3.4	0.5	0.1
Magnesium	Mg	679	332	3420	1050	0.5
Manganese	Mn	27.1	116	1230	772	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	0.5	<	0.2	0.2	0.1
Nickel	Ni	0.9	0.4	1.7	1.4	0.1
Phosphorus	P	1190	410	1640	2010	0.5
Potassium	K	12300	1130	8290	10600	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	312	142	110	371	10
Silver	Ag	0.03	0.07	0.01	0.10	0.01
Sodium	Na	7	11	8	7	1
Strontium	Sr	8.10	2.14	17.2	8.67	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	<	<	<	<	0.02
Tin	Sn	<	<	<	<	0.1
Titanium	Ti	1.4	9.3	2.2	1.7	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	<	<	<	<	0.5
Zinc	Zn	17.1	14.9	502	272	0.5
Zirconium	Zr	<	<	<	<	3

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REPORTED TO: Environmental Dynamics



REPORT DATE: September 18, 2006

GROUP NUMBER: 70825023

**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		SASP-MWR-1	WHGR-MWR-2	CLMI-T3-1B	WHGR-PWR-2	
DATE SAMPLED:		Aug 15/06	Aug 15/06	Aug 15/06	Aug 15/06	DETECTION LIMIT
CANTEST ID:		608250092	608250094	608250095	608250097	
Aluminum	Al	51.8	32.0	109	12.1	0.5
Antimony	Sb	0.4	0.3	<	<	0.1
Arsenic	As	3.5	3.8	0.4	0.4	0.1
Barium	Ba	13.8	10.5	5.1	1.0	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	15	8	<	7	2
Cadmium	Cd	19.6	0.22	0.06	0.83	0.02
Calcium	Ca	14000	5400	673	1760	1
Chromium	Cr	0.4	0.4	0.3	0.2	0.1
Cobalt	Co	0.4	<	<	0.1	0.1
Copper	Cu	5.0	5.2	0.8	10.8	0.1
Iron	Fe	276	159	142	77	5
Lead	Pb	3.7	4.2	0.6	0.2	0.1
Magnesium	Mg	2800	1640	216	2480	0.5
Manganese	Mn	127	105	42.0	814	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	0.2	0.6	<	0.5	0.1
Nickel	Ni	0.5	0.3	0.4	1.4	0.1
Phosphorus	P	3000	1240	349	1920	0.5
Potassium	K	12400	6440	948	6120	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	200	483	124	318	10
Silver	Ag	0.06	0.10	0.08	0.04	0.01
Sodium	Na	6	10	15	7	1
Strontium	Sr	35.7	10.3	1.78	4.13	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	0.02	<	<	<	0.02
Tin	Sn	<	<	<	<	0.1
Titanium	Ti	3.2	1.9	5.7	1.6	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	<	<	<	<	0.5
Zinc	Zn	577	108	10.9	180	0.5
Zirconium	Zr	<	<	<	<	3

Results expressed as micrograms per gram, dry basis (µg/g)  
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REPORTED TO: Environmental Dynamics



REPORT DATE: September 18, 2006

GROUP NUMBER: 70825023

**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		SASP-PWR-4	CLMI-U4-1B	CLMI-U3-1	WHGR-PWR-3	
DATE SAMPLED:		Aug 15/06	Aug 15/06	Aug 15/06	Aug 15/06	DETECTION LIMIT
CANTEST ID:		608250098	608250100	608250101	608250102	
Aluminum	Al	19.7	112	76.9	10.1	0.5
Antimony	Sb	<	<	<	<	0.1
Arsenic	As	1.1	0.5	0.5	0.4	0.1
Barium	Ba	9.1	3.7	3.6	2.1	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	16	<	<	9	2
Cadmium	Cd	6.58	0.05	0.08	0.43	0.02
Calcium	Ca	7360	680	1090	2510	1
Chromium	Cr	<	0.3	0.3	0.3	0.1
Cobalt	Co	0.4	<	<	<	0.1
Copper	Cu	3.5	0.8	1.2	4.9	0.1
Iron	Fe	118	146	124	66	5
Lead	Pb	1.7	0.7	0.8	0.3	0.1
Magnesium	Mg	1990	270	556	1220	0.5
Manganese	Mn	434	90.8	169	868	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	<	<	<	0.3	0.1
Nickel	Ni	0.3	0.4	0.3	1.1	0.1
Phosphorus	P	2110	419	716	2320	0.5
Potassium	K	9090	1090	1860	8260	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	132	131	109	353	10
Silver	Ag	0.01	0.15	0.16	0.04	0.01
Sodium	Na	54	13	13	8	1
Strontium	Sr	36.1	2.08	3.30	9.02	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	<	<	<	<	0.02
Tin	Sn	0.3	<	<	<	0.1
Titanium	Ti	2.0	5.9	4.4	1.8	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	<	<	<	<	0.5
Zinc	Zn	281	12.5	20.9	173	0.5
Zirconium	Zr	<	<	<	<	3

Results expressed as micrograms per gram, dry basis (µg/g)

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REPORTED TO: Environmental Dynamics



REPORT DATE: September 18, 2006

GROUP NUMBER: 70825023

**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		WHGR-PWR-4	SASP-PWR-1	CLMI-U1-1	LELA-CP5-4	
DATE SAMPLED:		Aug 15/06	Aug 15/06	Aug 15/06	Aug 15/06	DETECTION LIMIT
CANTEST ID:		608250103	608250105	608250106	608250111	
Aluminum	Al	11.7	24.4	133	59.3	0.5
Antimony	Sb	<	<	0.7	<	0.1
Arsenic	As	0.5	0.4	4.5	0.1	0.1
Barium	Ba	14.4	2.0	5.4	62.2	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	5	28	<	14	2
Cadmium	Cd	0.08	22.7	0.15	<	0.02
Calcium	Ca	2180	9070	882	6050	1
Chromium	Cr	0.2	0.1	0.4	0.2	0.1
Cobalt	Co	<	0.6	<	<	0.1
Copper	Cu	3.0	6.7	1.4	5.1	0.1
Iron	Fe	57	104	216	87	5
Lead	Pb	1.3	0.6	5.9	<	0.1
Magnesium	Mg	604	2710	342	1690	0.5
Manganese	Mn	299	532	191	921	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	0.3	<	<	0.1	0.1
Nickel	Ni	0.5	1.0	0.4	0.5	0.1
Phosphorus	P	1420	2160	534	1900	0.5
Potassium	K	11700	7960	1500	7130	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	596	127	120	209	10
Silver	Ag	0.02	0.03	0.44	<	0.01
Sodium	Na	7	7	13	5	1
Strontium	Sr	8.22	25.5	2.39	8.55	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	<	<	<	0.05	0.02
Tin	Sn	<	<	<	<	0.1
Titanium	Ti	1.4	2.1	6.1	2.1	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	<	<	<	<	0.5
Zinc	Zn	38.3	1260	21.1	26.1	0.5
Zirconium	Zr	<	<	<	<	3

Results expressed as micrograms per gram, dry basis (µg/g)

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REPORTED TO: Environmental Dynamics



REPORT DATE: September 18, 2006

GROUP NUMBER: 70825023

**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		SASP-CP5-4	WHGR-CP3-4	LELA-CP7-4	SASP-CP9-4	
DATE SAMPLED:		Aug 15/06	Aug 15/06	Aug 15/06	Aug 15/06	DETECTION LIMIT
CANTEST ID:		608250112	608250113	608250114	608250115	
Aluminum	Al	48.6	56.7	50.1	19.3	0.5
Antimony	Sb	<	<	<	<	0.1
Arsenic	As	<	0.2	0.1	<	0.1
Barium	Ba	57.4	42.0	74.8	25.1	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	5	5	10	8	2
Cadmium	Cd	3.78	0.13	<	6.02	0.02
Calcium	Ca	9440	1970	5790	12100	1
Chromium	Cr	<	1.0	<	<	0.1
Cobalt	Co	0.8	<	<	0.5	0.1
Copper	Cu	2.1	3.0	3.2	4.1	0.1
Iron	Fe	109	89	64	117	5
Lead	Pb	0.1	13.0	<	<	0.1
Magnesium	Mg	3910	723	1550	3350	0.5
Manganese	Mn	279	230	1250	188	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	<	0.4	0.1	0.1	0.1
Nickel	Ni	2.3	1.3	0.3	0.7	0.1
Phosphorus	P	2360	2090	1320	1830	0.5
Potassium	K	8050	10200	4630	9870	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	57	292	147	134	10
Silver	Ag	0.01	<	<	0.02	0.01
Sodium	Na	7	14	4	5	1
Strontium	Sr	74.0	12.8	7.02	61.7	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	<	<	0.15	<	0.02
Tin	Sn	<	<	0.2	0.1	0.1
Titanium	Ti	2.0	2.9	1.4	1.9	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	<	<	<	<	0.5
Zinc	Zn	88.0	24.9	31.7	85.5	0.5
Zirconium	Zr	<	<	<	<	3

Results expressed as micrograms per gram, dry basis (µg/g)

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REPORTED TO: Environmental Dynamics



REPORT DATE: September 18, 2006

GROUP NUMBER: 70825023

**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		CLMI-MR2-1	SASP-MWR-4	LELA-CP9-4	LELA-CP6-4	
DATE SAMPLED:		Aug 15/06	Aug 15/06	Aug 15/06	Aug 15/06	DETECTION LIMIT
CANTEST ID:		608250116	608250117	608250118	608250119	
Aluminum	Al	111	77.2	27.5	47.6	0.5
Antimony	Sb	0.3	1.3	<	<	0.1
Arsenic	As	2.0	10.4	<	<	0.1
Barium	Ba	5.3	4.1	41.0	59.2	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	<	11	13	21	2
Cadmium	Cd	0.06	14.3	0.03	<	0.02
Calcium	Ca	713	15800	5000	5510	1
Chromium	Cr	0.3	0.2	<	<	0.1
Cobalt	Co	0.1	0.3	<	<	0.1
Copper	Cu	1.0	5.9	3.6	3.7	0.1
Iron	Fe	162	418	59	65	5
Lead	Pb	2.0	10.8	0.1	0.8	0.1
Magnesium	Mg	297	4170	1130	1140	0.5
Manganese	Mn	150	102	551	1920	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	<	0.2	<	<	0.1
Nickel	Ni	0.4	2.2	0.5	0.4	0.1
Phosphorus	P	442	3840	1190	1220	0.5
Potassium	K	1210	12600	4560	4600	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	157	166	154	167	10
Silver	Ag	0.41	0.17	<	<	0.01
Sodium	Na	15	9	4	4	1
Strontium	Sr	1.52	25.1	7.62	5.97	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	<	0.04	0.13	0.04	0.02
Tin	Sn	0.2	0.2	<	<	0.1
Titanium	Ti	5.5	6.2	1.3	1.3	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	<	0.6	<	<	0.5
Zinc	Zn	12.6	530	21.9	26.4	0.5
Zirconium	Zr	<	<	<	<	3

Results expressed as micrograms per gram, dry basis (µg/g)

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REPORTED TO: Environmental Dynamics



REPORT DATE: September 18, 2006

GROUP NUMBER: 70825023

**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		CLMI-U5-1	SASP-PWR-2	CLMI-MR1-1	WHGR-MWR-3	
DATE SAMPLED:		Aug 15/06	Aug 15/06	Aug 15/06	Aug 15/06	DETECTION LIMIT
CANTEST ID:		608250120	608250121	608250122	608250123	
Aluminum	Al	140	56.7	120	43.7	0.5
Antimony	Sb	<	0.7	0.3	0.8	0.1
Arsenic	As	0.4	5.3	2.5	9.5	0.1
Barium	Ba	4.3	0.9	6.4	5.5	0.1
Beryllium	Be	<	0.02	<	<	0.02
Boron	B	<	27	<	5	2
Cadmium	Cd	0.07	39.1	0.10	0.12	0.02
Calcium	Ca	748	8950	727	2470	1
Chromium	Cr	0.3	0.2	0.2	0.5	0.1
Cobalt	Co	0.1	0.3	0.1	<	0.1
Copper	Cu	1.0	10.4	1.0	4.6	0.1
Iron	Fe	157	276	212	138	5
Lead	Pb	0.5	4.6	2.5	6.2	0.1
Magnesium	Mg	404	6330	352	972	0.5
Manganese	Mn	149	1290	129	61.0	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	<	0.1	<	0.2	0.1
Nickel	Ni	0.4	1.3	0.3	0.8	0.1
Phosphorus	P	565	1650	458	1410	0.5
Potassium	K	1350	7630	1180	7180	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	146	149	150	495	10
Silver	Ag	0.07	0.11	0.36	0.11	0.01
Sodium	Na	13	7	11	6	1
Strontium	Sr	2.78	30.2	2.15	7.41	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	<	<	<	<	0.02
Tin	Sn	0.1	<	<	0.7	0.1
Titanium	Ti	6.3	2.5	7.4	1.6	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	<	<	0.5	<	0.5
Zinc	Zn	14.0	1220	18.6	50.1	0.5
Zirconium	Zr	<	<	<	<	3

Results expressed as micrograms per gram, dry basis (µg/g)

< = Less than detection limit

REPORTED TO: Environmental Dynamics



REPORT DATE: September 18, 2006

GROUP NUMBER: 70825023

**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		SASP-MWR-2	CLMI-V2-1	WHGR-MWR-4	CLMI-T3-1A	
DATE SAMPLED:		Aug 15/06	Aug 15/06	Aug 15/06	Aug 15/06	DETECTION LIMIT
CANTEST ID:		608250124	608250125	608250126	608250127	
Aluminum	Al	532	74.9	17.3	103	0.5
Antimony	Sb	5.9	<	0.2	<	0.1
Arsenic	As	70.0	0.8	1.9	0.6	0.1
Barium	Ba	12.7	3.5	8.4	5.0	0.1
Beryllium	Be	0.02	<	<	<	0.02
Boron	B	12	<	5	<	2
Cadmium	Cd	31.1	0.14	0.69	0.07	0.02
Calcium	Ca	18400	690	3900	575	1
Chromium	Cr	2.1	0.3	0.3	0.3	0.1
Cobalt	Co	1.0	<	<	<	0.1
Copper	Cu	10.9	0.9	5.2	0.7	0.1
Iron	Fe	2300	116	86	136	5
Lead	Pb	68.8	0.7	2.3	0.7	0.1
Magnesium	Mg	8850	344	1260	190	0.5
Manganese	Mn	232	148	158	32.8	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	0.5	<	0.6	<	0.1
Nickel	Ni	1.5	0.3	0.3	0.3	0.1
Phosphorus	P	4120	598	1430	327	0.5
Potassium	K	9160	1340	9720	790	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	473	130	498	158	10
Silver	Ag	0.84	0.08	0.09	0.08	0.01
Sodium	Na	6	6	1	14	1
Strontium	Sr	36.1	2.37	7.45	1.84	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	0.11	<	<	<	0.02
Tin	Sn	0.2	<	<	0.2	0.1
Titanium	Ti	24.1	4.0	1.2	5.5	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	3.0	<	<	<	0.5
Zinc	Zn	1090	16.4	61.4	10.1	0.5
Zirconium	Zr	<	<	<	<	3

Results expressed as micrograms per gram, dry basis (µg/g)

< = Less than detection limit

REPORTED TO: Environmental Dynamics



REPORT DATE: September 18, 2006

GROUP NUMBER: 70825023

**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		CLMI-U4-1A	SASP-MWR-3	CLMI-S2-1	CLMI-S3-1	
DATE SAMPLED:		Aug 15/06	Aug 15/06	Aug 15/06	Aug 15/06	DETECTION LIMIT
CANTEST ID:		608250128	608250129	608250130	608250131	
Aluminum	Al	105	382	150	112	0.5
Antimony	Sb	<	6.4	1.3	0.2	0.1
Arsenic	As	0.7	141	10.3	1.8	0.1
Barium	Ba	3.9	8.6	7.0	5.5	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	<	7	<	<	2
Cadmium	Cd	0.08	4.64	0.16	0.05	0.02
Calcium	Ca	604	8380	692	776	1
Chromium	Cr	0.2	1.5	0.6	0.5	0.1
Cobalt	Co	<	0.7	0.1	0.1	0.1
Copper	Cu	0.8	8.9	4.6	1.2	0.1
Iron	Fe	143	1590	362	164	5
Lead	Pb	2.0	39.3	26.9	1.5	0.1
Magnesium	Mg	232	2150	280	279	0.5
Manganese	Mn	82.6	308	233	196	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	<	0.2	<	<	0.1
Nickel	Ni	0.3	2.6	0.5	0.4	0.1
Phosphorus	P	384	1380	344	357	0.5
Potassium	K	932	11300	1030	1070	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	143	281	189	191	10
Silver	Ag	0.16	0.65	0.24	0.09	0.01
Sodium	Na	9	4	14	16	1
Strontium	Sr	2.01	17.6	1.72	2.46	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	<	0.04	<	<	0.02
Tin	Sn	0.1	0.1	<	<	0.1
Titanium	Ti	5.3	22.2	7.2	6.3	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	<	2.4	0.5	<	0.5
Zinc	Zn	13.9	272	22.1	18.1	0.5
Zirconium	Zr	<	<	<	<	3

Results expressed as micrograms per gram, dry basis (µg/g)

< = Less than detection limit

REPORTED TO: Environmental Dynamics



REPORT DATE: September 18, 2006

GROUP NUMBER: 70825023

**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		CLMI-T4-1	CLMI-S5-1	CLMI-T2-1	CLMI-S1-1	
DATE SAMPLED:		Aug 15/06	Aug 15/06	Aug 15/06	Aug 15/06	DETECTION LIMIT
CANTEST ID:		608250132	608250134	608250135	608250136	
Aluminum	Al	50.6	78.7	132	116	0.5
Antimony	Sb	<	<	<	1.5	0.1
Arsenic	As	0.4	0.3	0.8	16.4	0.1
Barium	Ba	4.8	11.0	5.0	5.5	0.1
Beryllium	Be	<	<	<	<	0.02
Boron	B	<	<	<	<	2
Cadmium	Cd	0.04	0.16	0.11	0.36	0.02
Calcium	Ca	466	1400	680	604	1
Chromium	Cr	0.2	0.3	0.2	0.4	0.1
Cobalt	Co	<	<	0.1	0.1	0.1
Copper	Cu	0.7	0.7	0.9	6.9	0.1
Iron	Fe	74	104	169	385	5
Lead	Pb	0.4	0.3	0.7	19.3	0.1
Magnesium	Mg	179	307	250	254	0.5
Manganese	Mn	66.7	52.5	81.8	172	0.1
Mercury	Hg	<	<	<	<	0.01
Molybdenum	Mo	<	<	<	<	0.1
Nickel	Ni	0.2	0.3	0.3	0.3	0.1
Phosphorus	P	319	534	369	353	0.5
Potassium	K	716	1230	997	1280	1
Selenium	Se	<	<	<	<	0.2
Silicon	Si	65	132	183	207	10
Silver	Ag	0.06	0.05	0.09	0.37	0.01
Sodium	Na	8	8	17	11	1
Strontium	Sr	1.90	5.56	2.04	2.00	0.05
Tellurium	Te	<	<	<	<	0.1
Thallium	Tl	<	<	<	<	0.02
Tin	Sn	<	<	<	0.2	0.1
Titanium	Ti	2.5	4.6	6.7	4.6	0.3
Uranium	U	<	<	<	<	0.04
Vanadium	V	<	<	<	<	0.5
Zinc	Zn	9.3	12.6	12.4	31.8	0.5
Zirconium	Zr	<	<	<	<	3

Results expressed as micrograms per gram, dry basis (µg/g)

< = Less than detection limit

REPORTED TO: Environmental Dynamics



REPORT DATE: September 18, 2006

GROUP NUMBER: 70825023

**Metals Analysis in Tissue**

CLIENT SAMPLE IDENTIFICATION:		CLMI-T1-1	CLMI-B5-2	
DATE SAMPLED:		Aug 15/06	Aug 15/06	
CANTEST ID:		608250137	608250138	DETECTION LIMIT
Aluminum	Al	162	95.5	0.5
Antimony	Sb	0.1	<	0.1
Arsenic	As	1.5	0.3	0.1
Barium	Ba	5.3	5.1	0.1
Beryllium	Be	<	<	0.02
Boron	B	<	<	2
Cadmium	Cd	0.07	0.04	0.02
Calcium	Ca	626	603	1
Chromium	Cr	0.6	0.4	0.1
Cobalt	Co	0.1	<	0.1
Copper	Cu	1.4	0.7	0.1
Iron	Fe	226	122	5
Lead	Pb	2.9	0.2	0.1
Magnesium	Mg	236	217	0.5
Manganese	Mn	45.4	152	0.1
Mercury	Hg	<	<	0.01
Molybdenum	Mo	<	<	0.1
Nickel	Ni	0.4	0.3	0.1
Phosphorus	P	328	390	0.5
Potassium	K	901	894	1
Selenium	Se	<	<	0.2
Silicon	Si	150	129	10
Silver	Ag	0.11	0.02	0.01
Sodium	Na	15	17	1
Strontium	Sr	2.25	1.59	0.05
Tellurium	Te	<	<	0.1
Thallium	Tl	<	<	0.02
Tin	Sn	0.1	<	0.1
Titanium	Ti	8.6	5.3	0.3
Uranium	U	<	<	0.04
Vanadium	V	0.6	<	0.5
Zinc	Zn	15.3	12.5	0.5
Zirconium	Zr	<	<	3

Results expressed as micrograms per gram, dry basis ( $\mu\text{g/g}$ )

< = Less than detection limit

REPORTED TO: Environmental Dynamics



REPORT DATE: September 18, 2006

GROUP NUMBER: 70825023

Batch Quality Control for Dissolved Metals Analysis in Tissue (QC# 85457)

Parameter		Blank (ug/g)	Blank Limits	Duplicate (R.P.D.) 608250068	Duplicate Limits	Duplicate (R.P.D.) 608250079	Duplicate Limits
Aluminum	Al	< 0.5	0.2	1	20	9.3	20
Antimony	Sb	< 0.1	0.001	NC	20	NC	20
Arsenic	As	< 0.1	0.002	0	20	13.3	20
Barium	Ba	< 0.1	0.001	0	20	3.2	20
Beryllium	Be	< 0.02	0.001	NC	20	NC	20
Boron	B	< 2	0.02	NC	20	NC	20
Cadmium	Cd	< 0.02	0.0004	0	20	PASS	20
Calcium	Ca	< 1	0.3	4.8	20	6.4	20
Chromium	Cr	< 0.1	0.001	PASS	20	0	20
Cobalt	Co	< 0.1	0.001	NC	20	PASS	20
Copper	Cu	< 0.1	0.001	10.5	20	9.5	20
Iron	Fe	< 5	0.05	1.4	20	5.6	20
Lead	Pb	< 0.1	0.002	8.7	20	11.8	20
Magnesium	Mg	< 0.5	0.2	2.2	20	5.7	20
Manganese	Mn	< 0.1	0.01	2.9	20	3.8	20
Molybdenum	Mo	< 0.1	0.002	NC	20	NC	20
Nickel	Ni	< 0.1	0.003	PASS	20	0	20
Phosphorus	P	< 0.5	0.1	3.4	20	1.5	20
Potassium	K	< 1	0.3	0	20	5	20
Selenium	Se	< 0.2	0.004	NC	20	NC	20
Silver	Ag	< 0.01	0.001	8.7	20	PASS	20
Sodium	Na	< 1	0.5	8.7	20	14.3	20
Strontium	Sr	< 0.05	0.002	4.8	20	1.5	20
Tellurium	Te	< 0.1	0.002	NC	20	NC	20
Thallium	Tl	< 0.02	0.002	NC	20	NC	20
Tin	Sn	< 0.1	0.01	NC	20	NC	20
Titanium	Ti	< 0.3	0.01	2	20	4.4	20
Uranium	U	< 0.04	0.002	NC	20	NC	20
Vanadium	V	< 0.5	0.002	NC	20	PASS	20
Zinc	Zn	< 0.5	0.04	2	20	4.2	20
Zirconium	Zr	< 3	0.04	NC	20	NC	20

ug/g = micrograms per gram, dry basis

R.P.D. = Relative Percent Difference

PASS = Duplicate sample results were in the range of one to five times the detection limit. R.P.D. calculation is not applicable in this range. Acceptance criteria is a maximum difference between the duplicates equivalent to the value of the detection limit.

NC = Not Calculated. Duplicate sample results were less than the detection limit. Relative Percent Difference calculation is not defined for analyte levels of less than detection limit.



REPORTED TO: Environmental Dynamics



REPORT DATE: September 18, 2006

GROUP NUMBER: 70825023

Batch Quality Control for Dissolved Metals Analysis in Tissue (QC# 85457)

Parameter		Duplicate (R.P.D.) 608250092	Duplicate Limits	Duplicate (R.P.D.) 608250106	Duplicate Limits	NIST1570a Spinach Leaves (% Recovery)	NIST1570a Spinach Leaves Limits
Aluminum	Al	5	20	8.3	20	43	17 - 93
Antimony	Sb	0	20	0	20	-	-
Arsenic	As	17.1	20	2.2	20	-	-
Barium	Ba	5.1	20	0	20	-	-
Beryllium	Be	NC	20	NC	20	-	-
Boron	B	6.5	20	NC	20	128	63 - 143
Cadmium	Cd	4.1	20	0	20	79	39 - 114
Calcium	Ca	1.4	20	0.5	20	88	60 - 120
Chromium	Cr	PASS	20	PASS	20	-	-
Cobalt	Co	PASS	20	NC	20	103	50 - 150
Copper	Cu	5.9	20	0	20	86	62 - 124
Iron	Fe	1.1	20	15.7	20	-	-
Lead	Pb	16.2	20	1.7	20	-	-
Magnesium	Mg	3.6	20	0.9	20	-	-
Manganese	Mn	3.1	20	1	20	101	53 - 134
Mercury	Hg	-	-	-	-	100	59 - 119
Molybdenum	Mo	PASS	20	NC	20	-	-
Nickel	Ni	PASS	20	PASS	20	89	58 - 126
Phosphorus	P	10	20	0.2	20	117	60 - 120
Potassium	K	0	20	3.3	20	97	60 - 120
Selenium	Se	NC	20	NC	20	-	-
Silver	Ag	0	20	2.2	20	-	-
Sodium	Na	18.2	20	7.4	20	120	60 - 120
Strontium	Sr	0.3	20	2.5	20	91	60 - 120
Tellurium	Te	NC	20	NC	20	-	-
Thallium	Tl	NC	20	NC	20	-	-
Tin	Sn	NC	20	NC	20	-	-
Titanium	Ti	18.8	20	5.6	20	-	-
Uranium	U	NC	20	NC	20	-	-
Vanadium	V	NC	20	NC	20	105	50 - 150
Zinc	Zn	5.2	20	1.9	20	70	48 - 110
Zirconium	Zr	NC	20	NC	20	-	-

ug/g = micrograms per gram, dry basis

R.P.D. = Relative Percent Difference

PASS = Duplicate sample results were in the range of one to five times the detection limit. R.P.D. calculation is not applicable in this range. Acceptance criteria is a maximum difference between the duplicates equivalent to the value of the detection limit.

NC = Not Calculated. Duplicate sample results were less than the detection limit. Relative Percent Difference calculation is not defined for analyte levels of less than detection limit.

REPORTED TO: Environmental Dynamics



REPORT DATE: September 18, 2006

GROUP NUMBER: 70825023

Batch Quality Control for Dissolved Metals Analysis in Tissue (QC# 85457)

Parameter		NRC TORT-2, "Lobster Tissue" (% Recovery)	NRC TORT-2, "Lobster Tissue" Limits
Arsenic	As	81	66 - 113
Cadmium	Cd	79	63 - 118
Chromium	Cr	64	60 - 120
Cobalt	Co	98	60 - 120
Copper	Cu	84	60 - 120
Iron	Fe	104	60 - 120
Lead	Pb	86	39 - 150
Manganese	Mn	90	60 - 120
Mercury	Hg	96	85 - 115
Molybdenum	Mo	95	60 - 120
Nickel	Ni	84	50 - 122
Selenium	Se	82	67 - 118
Strontium	Sr	80	60 - 120
Vanadium	V	119	60 - 120
Zinc	Zn	79	53 - 125

ug/g = micrograms per gram, dry basis

REPORTED TO: Environmental Dynamics



REPORT DATE: September 18, 2006

GROUP NUMBER: 70825023

Batch Quality Control for Dissolved Metals Analysis in Tissue (QC# 85511)

Parameter		Blank (ug/g)	Blank Limits	Duplicate (R.P.D.) 608250076	Duplicate Limits	Duplicate (R.P.D.) 608250120	Duplicate Limits
Aluminum	Al	< 0.5	0.2	1.7	20	2.1	20
Antimony	Sb	< 0.1	0.001	NC	20	NC	20
Arsenic	As	< 0.1	0.002	18.2	20	PASS	20
Barium	Ba	< 0.1	0.001	5.3	20	2.3	20
Beryllium	Be	< 0.02	0.001	NC	20	NC	20
Boron	B	< 2	0.02	NC	20	NC	20
Cadmium	Cd	< 0.02	0.0004	PASS	20	PASS	20
Calcium	Ca	< 1	0.3	1.9	20	1.9	20
Chromium	Cr	< 0.1	0.001	PASS	20	PASS	20
Cobalt	Co	< 0.1	0.001	NC	20	PASS	20
Copper	Cu	< 0.1	0.001	0	20	0	20
Iron	Fe	< 5	0.05	1.9	20	3.8	20
Lead	Pb	< 0.1	0.002	15.4	20	PASS	20
Magnesium	Mg	< 0.5	0.2	1.3	20	4.5	20
Manganese	Mn	< 0.1	0.01	0.8	20	0.7	20
Molybdenum	Mo	< 0.1	0.002	NC	20	NC	20
Nickel	Ni	< 0.1	0.003	PASS	20	PASS	20
Phosphorus	P	< 0.5	0.1	4	20	1.6	20
Potassium	K	< 1	0.3	5.5	20	0	20
Selenium	Se	< 0.2	0.004	NC	20	NC	20
Silver	Ag	< 0.01	0.001	8	20	0	20
Sodium	Na	< 1	0.5	14.3	20	8	20
Strontium	Sr	< 0.05	0.002	5.5	20	1.1	20
Tellurium	Te	< 0.1	0.002	NC	20	NC	20
Thallium	Tl	< 0.02	0.002	NC	20	NC	20
Tin	Sn	< 0.1	0.01	NC	20	NC	20
Titanium	Ti	< 0.3	0.01	4.7	20	8	20
Uranium	U	< 0.04	0.002	NC	20	NC	20
Vanadium	V	< 0.5	0.002	NC	20	NC	20
Zinc	Zn	< 0.5	0.04	3.8	20	0.7	20
Zirconium	Zr	< 3	0.04	NC	20	NC	20

ug/g = micrograms per gram, dry basis

R.P.D. = Relative Percent Difference

PASS = Duplicate sample results were in the range of one to five times the detection limit. R.P.D. calculation is not applicable in this range. Acceptance criteria is a maximum difference between the duplicates equivalent to the value of the detection limit.

NC = Not Calculated. Duplicate sample results were less than the detection limit. Relative Percent Difference calculation is not defined for analyte levels of less than detection limit.

REPORTED TO: Environmental Dynamics



REPORT DATE: September 18, 2006

GROUP NUMBER: 70825023

Batch Quality Control for Dissolved Metals Analysis in Tissue (QC# 85511)

Parameter		Duplicate (R.P.D.) 608250130	Duplicate Limits	NIST1570a Spinach Leaves (% Recovery)	NIST1570a Spinach Leaves Limits	NRC TORT-2, "Lobster Tissue" (% Recovery)	NRC TORT-2, "Lobster Tissue" Limits
Aluminum	Al	8.6	20	41	17 - 93	-	-
Antimony	Sb	8.7	20	-	-	-	-
Arsenic	As	16.6	20	-	-	80	66 - 113
Barium	Ba	2.9	20	-	-	-	-
Beryllium	Be	NC	20	-	-	-	-
Boron	B	NC	20	133	63 - 143	-	-
Cadmium	Cd	19.4	20	88	39 - 114	76	63 - 118
Calcium	Ca	1.4	20	98	60 - 120	-	-
Chromium	Cr	0	20	-	-	61	60 - 120
Cobalt	Co	PASS	20	103	50 - 150	98	60 - 120
Copper	Cu	15.4	20	95	62 - 124	83	60 - 120
Iron	Fe	8.8	20	-	-	101	60 - 120
Lead	Pb	3	20	-	-	86	39 - 150
Magnesium	Mg	1.8	20	-	-	-	-
Manganese	Mn	4.9	20	112	53 - 134	88	60 - 120
Mercury	Hg	-	-	93	59 - 119	89	85 - 115
Molybdenum	Mo	NC	20	-	-	95	60 - 120
Nickel	Ni	PASS	20	93	58 - 126	84	50 - 122
Phosphorus	P	0.6	20	120	60 - 120	-	-
Potassium	K	1.9	20	97	60 - 120	-	-
Selenium	Se	NC	20	-	-	82	67 - 118
Silver	Ag	11.8	20	-	-	-	-
Sodium	Na	8.7	20	118	60 - 120	-	-
Strontium	Sr	0	20	102	60 - 120	80	60 - 120
Tellurium	Te	NC	20	-	-	-	-
Thallium	Tl	NC	20	-	-	-	-
Tin	Sn	NC	20	-	-	-	-
Titanium	Ti	2.8	20	-	-	-	-
Uranium	U	NC	20	-	-	-	-
Vanadium	V	PASS	20	123	50 - 150	117	60 - 120
Zinc	Zn	2.7	20	77	48 - 110	79	53 - 125
Zirconium	Zr	NC	20	-	-	-	-

ug/g = micrograms per gram, dry basis

R.P.D. = Relative Percent Difference

PASS = Duplicate sample results were in the range of one to five times the detection limit. R.P.D. calculation is not applicable in this range. Acceptance criteria is a maximum difference between the duplicates equivalent to the value of the detection limit.

NC = Not Calculated. Duplicate sample results were less than the detection limit. Relative Percent Difference calculation is not defined for analyte levels of less than detection limit.

REPORTED TO: Environmental Dynamics



REPORT DATE: September 18, 2006

GROUP NUMBER: 70825023

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**Instrument Quality Control for the Mercury Monitor (QC# 168222)**

**QC Type: Calibration Verification**

Parameter	% Recovery	Limits	
Mercury	Hg	97	90 - 110

REPORTED TO: Environmental Dynamics



REPORT DATE: September 18, 2006

GROUP NUMBER: 70825023

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**Batch Quality Control Frequency Summary**

**Metals Plant Tissue Digestion (Batch# 85457)**

QC Type	No. Samples
NIST1570a Spinach Leaves	1
NRC TORT-2, "Lobster Tissue"	1
Blank	2
Duplicate	4

**Metals Plant Tissue Digestion (Batch# 85511)**

QC Type	No. Samples
NIST1570a Spinach Leaves	1
NRC TORT-2, "Lobster Tissue"	1
Blank	2
Duplicate	3

**Metals Plant Tissue Digestion (Batch# 85457)**

QC Type	No. Samples
Batch Size	42

**Metals Plant Tissue Digestion (Batch# 85511)**

QC Type	No. Samples
Batch Size	28

## Analysis Report



CANTEST LTD.

Professional  
Analytical  
Services

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REPORT ON: Analysis of Tissue Samples

REPORTED TO: Environmental Dynamics  
3128 3rd Ave  
Whitehorse, YK  
Y1A 1E7

Att'n: Pat Tobler

CHAIN OF CUSTODY: 192254, 192255, 192256, 192258, 192257, 192259  
P.O. NUMBER: 00010275

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NUMBER OF SAMPLES: 58

REPORT DATE: September 18, 2006

DATE SUBMITTED: August 24, 2006

GROUP NUMBER: 70825023

SAMPLE TYPE: Tissue

NOTE: Results contained in this report refer only to the testing of samples as submitted. Other information is available on request.

### TEST METHODS:

Moisture Content of Plant Tissue - analysis was performed gravimetrically by heating a pre-weighed portion of sample at 105C and measuring the weight loss.

Mercury in Tissue - samples were digested using a nitric acid-hydrogen peroxide digestion procedure based on EPA Method 200.3. Analysis was performed using Cold Vapour Atomic Absorption Spectrophotometry or Cold Vapour Atomic Fluorescence Spectrophotometry.

Metals in Tissue - samples were digested using a nitric acid-hydrogen peroxide digestion procedure based on EPA Method 200.3. Analysis was performed using Inductively Coupled Argon Plasma Spectroscopy (ICP), ICP Mass Spectrometry (ICP/MS), or Atomic Absorption techniques.

### TEST RESULTS:

(See following pages)

CANTEST LTD.

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