

Analysis Report



CANTEST LTD.

REPORT ON: Analysis of Soil, Tissue Samples

Professional
Analytical
Services

REPORTED TO: Environmental Dynamics Inc.
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CHAIN OF CUSTODY: 190471, 190473, 190476, 190469, 190470, 190467, 190475, 190472, 190474, 190466,
190468, 53948

PROJECT NAME: Mt. Nansen

PROJECT NUMBER: 05-YC-002

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.

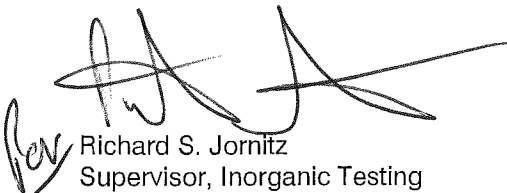
Moisture Content of Plant Tissue - analysis was performed gravimetrically by heating a pre-weighed portion of sample at 105C and measuring the weight loss.

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



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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)



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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



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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 (%)



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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 (%)



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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 (%)



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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 (%)



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Conventional Parameters in Tissue

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

Results expressed as percent (%)



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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 (%)



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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 (%)



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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 (%)



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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

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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 (%)



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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

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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 (%)



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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 (%)



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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

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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 (%)



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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

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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 (%)



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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

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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

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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

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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

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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

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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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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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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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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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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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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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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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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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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

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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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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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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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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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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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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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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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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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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



REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: February 20, 2006

GROUP NUMBER: 61123143

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

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:		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

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:		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

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

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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)
 < = Less than detection limit



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REPORT DATE: February 20, 2006

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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



REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: February 20, 2006

GROUP NUMBER: 61123143

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



REPORTED TO: Environmental Dynamics Inc.



REPORT DATE: February 20, 2006

GROUP NUMBER: 61123143

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.



REPORT DATE: February 20, 2006

GROUP NUMBER: 61123143

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.



REPORTED TO: Environmental Dynamics Inc.



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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



REPORTED TO: Environmental Dynamics Inc.



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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



REPORTED TO: Environmental Dynamics Inc.



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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

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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

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

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

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

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

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

Professional
Analytical
Services

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

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

Att'n: Pat Tobler

Fax: 604 731 2386

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

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.

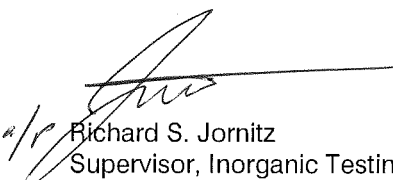
Mercury in Tissue - samples were digested using a nitric acid-hydrogen peroxide digestion procedure based on EPA Method 200.3. Analysis was performed using Cold Vapour Atomic Absorption Spectrophotometry or Cold Vapour Atomic Fluorescence Spectrophotometry.

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

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

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

