

Report of Analysis

Client:		Date Collected:	10/15/2025 12:00:00 AM
Project:	LB137590	Date Received:	10/15/2025 12:00:00 AM
Client Sample ID:	DRUM-1	SDG No.:	LB137590
Lab Sample ID:	Q3357-01	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7429-90-5	Aluminum	1390		1	57	400	500	ug/L	10/16/2025	10/20/2025	6010D
7440-36-0	Antimony	9.55	U	1	34	62.5	250	ug/L	10/16/2025	10/20/2025	6010D
7440-38-2	Arsenic	15	U	1	26	75	100	ug/L	10/16/2025	10/20/2025	6010D
7440-39-3	Barium	749		1	73	125	500	ug/L	10/16/2025	10/20/2025	6010D
7440-41-7	Beryllium	7.15	J	1	2.8	7.5	30	ug/L	10/16/2025	10/20/2025	6010D
7440-43-9	Cadmium	-3.46	U	1	2.5	7.5	30	ug/L	10/16/2025	10/20/2025	6010D
7440-70-2	Calcium	70000		1	1200	2500	10000	ug/L	10/16/2025	10/20/2025	6010D
7440-47-3	Chromium	94.9		1	11	25	50	ug/L	10/16/2025	10/20/2025	6010D
7440-48-4	Cobalt	40.3	J	1	11	37.5	150	ug/L	10/16/2025	10/20/2025	6010D
7440-50-8	Copper	150		1	23	80	100	ug/L	10/16/2025	10/20/2025	6010D
7439-89-6	Iron	815000		1	120	400	500	ug/L	10/16/2025	10/20/2025	6010D
7439-92-1	Lead	27.1	J	1	12	48	60	ug/L	10/16/2025	10/20/2025	6010D
7439-95-4	Magnesium	6670	J	1	1200	2500	10000	ug/L	10/16/2025	10/20/2025	6010D
7439-96-5	Manganese	15700		1	30	75	100	ug/L	10/16/2025	10/20/2025	6010D
7440-02-0	Nickel	28.6	J	1	15	50	200	ug/L	10/16/2025	10/20/2025	6010D
7440-09-7	Potassium	3460	U	1	4600	8000	10000	ug/L	10/16/2025	10/20/2025	6010D
7782-49-2	Selenium	4.73	U	1	48	80	100	ug/L	10/16/2025	10/20/2025	6010D
7440-22-4	Silver	-12.2	U	1	8.1	25	50	ug/L	10/16/2025	10/20/2025	6010D
7440-23-5	Sodium	1.56e+006		1	4300	5000	10000	ug/L	10/16/2025	10/20/2025	6010D
7440-28-0	Thallium	-73.7	U	1	22	100	200	ug/L	10/16/2025	10/20/2025	6010D
7440-62-2	Vanadium	9.84	U	1	31	100	200	ug/L	10/16/2025	10/20/2025	6010D
7440-66-6	Zinc	2510		1	83	75	200	ug/L	10/16/2025	10/20/2025	6010D

Report of Analysis

Client:		Date Collected:	10/16/2025 12:00:00 AM
Project:	LB137590	Date Received:	10/16/2025 12:00:00 AM
Client Sample ID:	TR-06-101625	SDG No.:	LB137590
Lab Sample ID:	Q3366-01	Matrix:	Solid
Level (low/med):	low	% Solid:	95

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7429-90-5	Aluminum	5820		1	0.85	4.05	5.06	mg/Kg	10/20/2025	10/20/2025	6010D
7440-36-0	Antimony	0.402	J	1	0.22	0.633	2.53	mg/Kg	10/20/2025	10/20/2025	6010D
7440-38-2	Arsenic	5.62		1	0.19	0.81	1.01	mg/Kg	10/20/2025	10/20/2025	6010D
7440-39-3	Barium	19.4		1	0.74	1.27	5.06	mg/Kg	10/20/2025	10/20/2025	6010D
7440-41-7	Beryllium	0.375		1	0.025	0.076	0.304	mg/Kg	10/20/2025	10/20/2025	6010D
7440-43-9	Cadmium	0.3	J	1	0.024	0.076	0.304	mg/Kg	10/20/2025	10/20/2025	6010D
7440-70-2	Calcium	4020		1	11	25.3	101	mg/Kg	10/20/2025	10/20/2025	6010D
7440-47-3	Chromium	21.9		1	0.048	0.127	0.506	mg/Kg	10/20/2025	10/20/2025	6010D
7440-48-4	Cobalt	5.15		1	0.10	0.38	1.52	mg/Kg	10/20/2025	10/20/2025	6010D
7440-50-8	Copper	18.4		1	0.22	0.81	1.01	mg/Kg	10/20/2025	10/20/2025	6010D
7439-89-6	Iron	11700		1	4.0	4.05	5.06	mg/Kg	10/20/2025	10/20/2025	6010D
7439-92-1	Lead	20		1	0.13	0.486	0.607	mg/Kg	10/20/2025	10/20/2025	6010D
7439-95-4	Magnesium	2510		1	12	25.3	101	mg/Kg	10/20/2025	10/20/2025	6010D
7439-96-5	Manganese	153		1	0.14	0.253	1.01	mg/Kg	10/20/2025	10/20/2025	6010D
7440-02-0	Nickel	8.98		1	0.13	0.506	2.02	mg/Kg	10/20/2025	10/20/2025	6010D
7440-09-7	Potassium	705		1	28	81	101	mg/Kg	10/20/2025	10/20/2025	6010D
7782-49-2	Selenium	0.184	U	1	0.26	0.81	1.01	mg/Kg	10/20/2025	10/20/2025	6010D
7440-22-4	Silver	-0.45	U	1	0.12	0.253	0.506	mg/Kg	10/20/2025	10/20/2025	6010D
7440-23-5	Sodium	215		1	18	81	101	mg/Kg	10/20/2025	10/20/2025	6010D
7440-28-0	Thallium	-0.521	U	1	0.23	1.01	2.02	mg/Kg	10/20/2025	10/20/2025	6010D
7440-62-2	Vanadium	19.2		1	0.25	1.01	2.02	mg/Kg	10/20/2025	10/20/2025	6010D
7440-66-6	Zinc	45.4		1	0.23	0.506	2.02	mg/Kg	10/20/2025	10/20/2025	6010D

Report of Analysis

Client:		Date Collected:	10/16/2025 12:00:00 AM
Project:	LB137590	Date Received:	10/16/2025 12:00:00 AM
Client Sample ID:	TR-1-101625	SDG No.:	LB137590
Lab Sample ID:	Q3366-03	Matrix:	Solid
Level (low/med):	low	% Solid:	92.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7429-90-5	Aluminum	5390		1	0.82	3.89	4.86	mg/Kg	10/20/2025	10/20/2025	6010D
7440-36-0	Antimony	0.306	J	1	0.21	0.607	2.43	mg/Kg	10/20/2025	10/20/2025	6010D
7440-38-2	Arsenic	4.41		1	0.19	0.777	0.972	mg/Kg	10/20/2025	10/20/2025	6010D
7440-39-3	Barium	20.5		1	0.71	1.21	4.86	mg/Kg	10/20/2025	10/20/2025	6010D
7440-41-7	Beryllium	0.426		1	0.024	0.073	0.292	mg/Kg	10/20/2025	10/20/2025	6010D
7440-43-9	Cadmium	0.247	J	1	0.023	0.073	0.292	mg/Kg	10/20/2025	10/20/2025	6010D
7440-70-2	Calcium	2800		1	11	24.3	97.2	mg/Kg	10/20/2025	10/20/2025	6010D
7440-47-3	Chromium	7.28		1	0.046	0.121	0.486	mg/Kg	10/20/2025	10/20/2025	6010D
7440-48-4	Cobalt	4.62		1	0.097	0.364	1.46	mg/Kg	10/20/2025	10/20/2025	6010D
7440-50-8	Copper	15.4		1	0.21	0.777	0.972	mg/Kg	10/20/2025	10/20/2025	6010D
7439-89-6	Iron	12000		1	3.9	3.89	4.86	mg/Kg	10/20/2025	10/20/2025	6010D
7439-92-1	Lead	29.8		1	0.13	0.466	0.583	mg/Kg	10/20/2025	10/20/2025	6010D
7439-95-4	Magnesium	2160		1	12	24.3	97.2	mg/Kg	10/20/2025	10/20/2025	6010D
7439-96-5	Manganese	148		1	0.14	0.243	0.972	mg/Kg	10/20/2025	10/20/2025	6010D
7440-02-0	Nickel	8.96		1	0.13	0.486	1.94	mg/Kg	10/20/2025	10/20/2025	6010D
7440-09-7	Potassium	635		1	27	77.7	97.2	mg/Kg	10/20/2025	10/20/2025	6010D
7782-49-2	Selenium	-0.034	U	1	0.25	0.777	0.972	mg/Kg	10/20/2025	10/20/2025	6010D
7440-22-4	Silver	-0.446	U	1	0.12	0.243	0.486	mg/Kg	10/20/2025	10/20/2025	6010D
7440-23-5	Sodium	175		1	17	77.7	97.2	mg/Kg	10/20/2025	10/20/2025	6010D
7440-28-0	Thallium	-0.547	U	1	0.22	0.972	1.94	mg/Kg	10/20/2025	10/20/2025	6010D
7440-62-2	Vanadium	14.2		1	0.24	0.972	1.94	mg/Kg	10/20/2025	10/20/2025	6010D
7440-66-6	Zinc	46.2		1	0.22	0.486	1.94	mg/Kg	10/20/2025	10/20/2025	6010D

Report of Analysis

Client:		Date Collected:	10/16/2025 12:00:00 AM
Project:	LB137590	Date Received:	10/16/2025 12:00:00 AM
Client Sample ID:	BU-03-101625	SDG No.:	LB137590
Lab Sample ID:	Q3367-01	Matrix:	Solid
Level (low/med):	low	% Solid:	92.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7429-90-5	Aluminum	5930		1	0.76	3.61	4.51	mg/Kg	10/20/2025	10/20/2025	6010D
7440-36-0	Antimony	0.261	J	1	0.20	0.564	2.26	mg/Kg	10/20/2025	10/20/2025	6010D
7440-38-2	Arsenic	2.44		1	0.17	0.722	0.903	mg/Kg	10/20/2025	10/20/2025	6010D
7440-39-3	Barium	16.2		1	0.66	1.13	4.51	mg/Kg	10/20/2025	10/20/2025	6010D
7440-41-7	Beryllium	0.767		1	0.023	0.068	0.271	mg/Kg	10/20/2025	10/20/2025	6010D
7440-43-9	Cadmium	0.132	J	1	0.022	0.068	0.271	mg/Kg	10/20/2025	10/20/2025	6010D
7440-70-2	Calcium	652		1	10	22.6	90.3	mg/Kg	10/20/2025	10/20/2025	6010D
7440-47-3	Chromium	3.83		1	0.042	0.113	0.451	mg/Kg	10/20/2025	10/20/2025	6010D
7440-48-4	Cobalt	4.37		1	0.090	0.339	1.35	mg/Kg	10/20/2025	10/20/2025	6010D
7440-50-8	Copper	20.5		1	0.20	0.722	0.903	mg/Kg	10/20/2025	10/20/2025	6010D
7439-89-6	Iron	17800		1	3.6	3.61	4.51	mg/Kg	10/20/2025	10/20/2025	6010D
7439-92-1	Lead	6.49		1	0.12	0.433	0.542	mg/Kg	10/20/2025	10/20/2025	6010D
7439-95-4	Magnesium	474		1	11	22.6	90.3	mg/Kg	10/20/2025	10/20/2025	6010D
7439-96-5	Manganese	178		1	0.13	0.226	0.903	mg/Kg	10/20/2025	10/20/2025	6010D
7440-02-0	Nickel	4.1		1	0.12	0.451	1.81	mg/Kg	10/20/2025	10/20/2025	6010D
7440-09-7	Potassium	247		1	25	72.2	90.3	mg/Kg	10/20/2025	10/20/2025	6010D
7782-49-2	Selenium	-0.052	U	1	0.24	0.722	0.903	mg/Kg	10/20/2025	10/20/2025	6010D
7440-22-4	Silver	-0.622	U	1	0.11	0.226	0.451	mg/Kg	10/20/2025	10/20/2025	6010D
7440-23-5	Sodium	45.9	J	1	16	72.2	90.3	mg/Kg	10/20/2025	10/20/2025	6010D
7440-28-0	Thallium	-1.13	U	1	0.21	0.903	1.81	mg/Kg	10/20/2025	10/20/2025	6010D
7440-62-2	Vanadium	8.94		1	0.23	0.903	1.81	mg/Kg	10/20/2025	10/20/2025	6010D
7440-66-6	Zinc	14.5		1	0.21	0.451	1.81	mg/Kg	10/20/2025	10/20/2025	6010D

Report of Analysis

Client:		Date Collected:	10/16/2025 12:00:00 AM
Project:	LB137590	Date Received:	10/16/2025 12:00:00 AM
Client Sample ID:	MH-22	SDG No.:	LB137590
Lab Sample ID:	Q3369-01	Matrix:	Solid
Level (low/med):	low	% Solid:	89.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7429-90-5	Aluminum	7190		1	0.80	3.8	4.75	mg/Kg	10/20/2025	10/20/2025	6010D
7440-36-0	Antimony	1.19	J	1	0.21	0.594	2.38	mg/Kg	10/20/2025	10/20/2025	6010D
7440-38-2	Arsenic	6.6		1	0.18	0.76	0.95	mg/Kg	10/20/2025	10/20/2025	6010D
7440-39-3	Barium	56.7		1	0.69	1.19	4.75	mg/Kg	10/20/2025	10/20/2025	6010D
7440-41-7	Beryllium	0.411		1	0.024	0.071	0.285	mg/Kg	10/20/2025	10/20/2025	6010D
7440-43-9	Cadmium	0.506		1	0.023	0.071	0.285	mg/Kg	10/20/2025	10/20/2025	6010D
7440-70-2	Calcium	15300		1	11	23.8	95	mg/Kg	10/20/2025	10/20/2025	6010D
7440-47-3	Chromium	13.2		1	0.045	0.119	0.475	mg/Kg	10/20/2025	10/20/2025	6010D
7440-48-4	Cobalt	9.76		1	0.095	0.356	1.43	mg/Kg	10/20/2025	10/20/2025	6010D
7440-50-8	Copper	22.3		1	0.21	0.76	0.95	mg/Kg	10/20/2025	10/20/2025	6010D
7439-89-6	Iron	13000		1	3.8	3.8	4.75	mg/Kg	10/20/2025	10/20/2025	6010D
7439-92-1	Lead	110		1	0.12	0.456	0.57	mg/Kg	10/20/2025	10/20/2025	6010D
7439-95-4	Magnesium	2430		1	11	23.8	95	mg/Kg	10/20/2025	10/20/2025	6010D
7439-96-5	Manganese	194		1	0.13	0.238	0.95	mg/Kg	10/20/2025	10/20/2025	6010D
7440-02-0	Nickel	13.9		1	0.12	0.475	1.9	mg/Kg	10/20/2025	10/20/2025	6010D
7440-09-7	Potassium	785		1	26	76	95	mg/Kg	10/20/2025	10/20/2025	6010D
7782-49-2	Selenium	-0.077	U	1	0.25	0.76	0.95	mg/Kg	10/20/2025	10/20/2025	6010D
7440-22-4	Silver	-0.265	U	1	0.11	0.238	0.475	mg/Kg	10/20/2025	10/20/2025	6010D
7440-23-5	Sodium	1130		1	17	76	95	mg/Kg	10/20/2025	10/20/2025	6010D
7440-28-0	Thallium	-0.564	U	1	0.22	0.95	1.9	mg/Kg	10/20/2025	10/20/2025	6010D
7440-62-2	Vanadium	23		1	0.24	0.95	1.9	mg/Kg	10/20/2025	10/20/2025	6010D
7440-66-6	Zinc	69.6		1	0.22	0.475	1.9	mg/Kg	10/20/2025	10/20/2025	6010D

Report of Analysis

Client:		Date Collected:	10/16/2025 12:00:00 AM
Project:	LB137590	Date Received:	10/16/2025 12:00:00 AM
Client Sample ID:	MH-21	SDG No.:	LB137590
Lab Sample ID:	Q3369-05	Matrix:	Solid
Level (low/med):	low	% Solid:	89.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7429-90-5	Aluminum	5480		1	0.82	3.89	4.86	mg/Kg	10/20/2025	10/20/2025	6010D
7440-36-0	Antimony	0.36	J	1	0.21	0.608	2.43	mg/Kg	10/20/2025	10/20/2025	6010D
7440-38-2	Arsenic	1.68		1	0.19	0.778	0.973	mg/Kg	10/20/2025	10/20/2025	6010D
7440-39-3	Barium	20.9		1	0.71	1.22	4.86	mg/Kg	10/20/2025	10/20/2025	6010D
7440-41-7	Beryllium	0.388		1	0.024	0.073	0.292	mg/Kg	10/20/2025	10/20/2025	6010D
7440-43-9	Cadmium	0.311		1	0.023	0.073	0.292	mg/Kg	10/20/2025	10/20/2025	6010D
7440-70-2	Calcium	413		1	11	24.3	97.3	mg/Kg	10/20/2025	10/20/2025	6010D
7440-47-3	Chromium	8.52		1	0.046	0.122	0.486	mg/Kg	10/20/2025	10/20/2025	6010D
7440-48-4	Cobalt	7.17		1	0.097	0.365	1.46	mg/Kg	10/20/2025	10/20/2025	6010D
7440-50-8	Copper	6.74		1	0.21	0.778	0.973	mg/Kg	10/20/2025	10/20/2025	6010D
7439-89-6	Iron	13100		1	3.9	3.89	4.86	mg/Kg	10/20/2025	10/20/2025	6010D
7439-92-1	Lead	8.63		1	0.13	0.467	0.584	mg/Kg	10/20/2025	10/20/2025	6010D
7439-95-4	Magnesium	937		1	12	24.3	97.3	mg/Kg	10/20/2025	10/20/2025	6010D
7439-96-5	Manganese	304		1	0.14	0.243	0.973	mg/Kg	10/20/2025	10/20/2025	6010D
7440-02-0	Nickel	10.41		1	0.13	0.486	1.95	mg/Kg	10/20/2025	10/20/2025	6010D
7440-09-7	Potassium	529		1	27	77.8	97.3	mg/Kg	10/20/2025	10/20/2025	6010D
7782-49-2	Selenium	-0.189	U	1	0.25	0.778	0.973	mg/Kg	10/20/2025	10/20/2025	6010D
7440-22-4	Silver	-0.484	U	1	0.12	0.243	0.486	mg/Kg	10/20/2025	10/20/2025	6010D
7440-23-5	Sodium	275		1	17	77.8	97.3	mg/Kg	10/20/2025	10/20/2025	6010D
7440-28-0	Thallium	-0.62	U	1	0.22	0.973	1.95	mg/Kg	10/20/2025	10/20/2025	6010D
7440-62-2	Vanadium	9.61		1	0.24	0.973	1.95	mg/Kg	10/20/2025	10/20/2025	6010D
7440-66-6	Zinc	16.3		1	0.22	0.486	1.95	mg/Kg	10/20/2025	10/20/2025	6010D

Report of Analysis

Client:		Date Collected:	10/16/2025 12:00:00 AM
Project:	LB137590	Date Received:	10/17/2025 12:00:00 AM
Client Sample ID:	TP-4-WC	SDG No.:	LB137590
Lab Sample ID:	Q3374-01	Matrix:	Solid
Level (low/med):	low	% Solid:	85.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7429-90-5	Aluminum	9370		1	0.82	3.92	4.9	mg/Kg	10/20/2025	10/20/2025	6010D
7440-36-0	Antimony	0.404	J	1	0.22	0.612	2.45	mg/Kg	10/20/2025	10/20/2025	6010D
7440-38-2	Arsenic	2.8		1	0.19	0.783	0.979	mg/Kg	10/20/2025	10/20/2025	6010D
7440-39-3	Barium	67.9		1	0.72	1.22	4.9	mg/Kg	10/20/2025	10/20/2025	6010D
7440-41-7	Beryllium	0.593		1	0.024	0.073	0.294	mg/Kg	10/20/2025	10/20/2025	6010D
7440-43-9	Cadmium	0.351		1	0.024	0.073	0.294	mg/Kg	10/20/2025	10/20/2025	6010D
7440-70-2	Calcium	1300		1	11	24.5	97.9	mg/Kg	10/20/2025	10/20/2025	6010D
7440-47-3	Chromium	11.4		1	0.046	0.122	0.49	mg/Kg	10/20/2025	10/20/2025	6010D
7440-48-4	Cobalt	7.74		1	0.098	0.367	1.47	mg/Kg	10/20/2025	10/20/2025	6010D
7440-50-8	Copper	16.1		1	0.22	0.783	0.979	mg/Kg	10/20/2025	10/20/2025	6010D
7439-89-6	Iron	14600		1	3.9	3.92	4.9	mg/Kg	10/20/2025	10/20/2025	6010D
7439-92-1	Lead	23		1	0.13	0.47	0.588	mg/Kg	10/20/2025	10/20/2025	6010D
7439-95-4	Magnesium	2860		1	12	24.5	97.9	mg/Kg	10/20/2025	10/20/2025	6010D
7439-96-5	Manganese	449		1	0.14	0.245	0.979	mg/Kg	10/20/2025	10/20/2025	6010D
7440-02-0	Nickel	15.4		1	0.13	0.49	1.96	mg/Kg	10/20/2025	10/20/2025	6010D
7440-09-7	Potassium	1000		1	27	78.3	97.9	mg/Kg	10/20/2025	10/20/2025	6010D
7782-49-2	Selenium	0.145	U	1	0.26	0.783	0.979	mg/Kg	10/20/2025	10/20/2025	6010D
7440-22-4	Silver	-0.535	U	1	0.12	0.245	0.49	mg/Kg	10/20/2025	10/20/2025	6010D
7440-23-5	Sodium	638		1	17	78.3	97.9	mg/Kg	10/20/2025	10/20/2025	6010D
7440-28-0	Thallium	-0.083	U	1	0.23	0.979	1.96	mg/Kg	10/20/2025	10/20/2025	6010D
7440-62-2	Vanadium	19.3		1	0.25	0.979	1.96	mg/Kg	10/20/2025	10/20/2025	6010D
7440-66-6	Zinc	36.8		1	0.23	0.49	1.96	mg/Kg	10/20/2025	10/20/2025	6010D

Report of Analysis

Client:		Date Collected:	10/17/2025 12:00:00 AM
Project:	LB137590	Date Received:	10/17/2025 12:00:00 AM
Client Sample ID:	TP-5-WC	SDG No.:	LB137590
Lab Sample ID:	Q3374-05	Matrix:	Solid
Level (low/med):	low	% Solid:	93.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7429-90-5	Aluminum	4260		1	0.80	3.8	4.75	mg/Kg	10/20/2025	10/20/2025	6010D
7440-36-0	Antimony	0.138	U	1	0.21	0.594	2.38	mg/Kg	10/20/2025	10/20/2025	6010D
7440-38-2	Arsenic	1.22		1	0.18	0.76	0.951	mg/Kg	10/20/2025	10/20/2025	6010D
7440-39-3	Barium	22.8		1	0.69	1.19	4.75	mg/Kg	10/20/2025	10/20/2025	6010D
7440-41-7	Beryllium	0.299		1	0.024	0.071	0.285	mg/Kg	10/20/2025	10/20/2025	6010D
7440-43-9	Cadmium	0.134	J	1	0.023	0.071	0.285	mg/Kg	10/20/2025	10/20/2025	6010D
7440-70-2	Calcium	574		1	11	23.8	95.1	mg/Kg	10/20/2025	10/20/2025	6010D
7440-47-3	Chromium	6.25		1	0.045	0.119	0.475	mg/Kg	10/20/2025	10/20/2025	6010D
7440-48-4	Cobalt	3.85		1	0.095	0.356	1.43	mg/Kg	10/20/2025	10/20/2025	6010D
7440-50-8	Copper	9.26		1	0.21	0.76	0.951	mg/Kg	10/20/2025	10/20/2025	6010D
7439-89-6	Iron	8430		1	3.8	3.8	4.75	mg/Kg	10/20/2025	10/20/2025	6010D
7439-92-1	Lead	4.68		1	0.12	0.456	0.57	mg/Kg	10/20/2025	10/20/2025	6010D
7439-95-4	Magnesium	1560		1	11	23.8	95.1	mg/Kg	10/20/2025	10/20/2025	6010D
7439-96-5	Manganese	157		1	0.13	0.238	0.951	mg/Kg	10/20/2025	10/20/2025	6010D
7440-02-0	Nickel	7.77		1	0.12	0.475	1.9	mg/Kg	10/20/2025	10/20/2025	6010D
7440-09-7	Potassium	635		1	26	76	95.1	mg/Kg	10/20/2025	10/20/2025	6010D
7782-49-2	Selenium	0.003	U	1	0.25	0.76	0.951	mg/Kg	10/20/2025	10/20/2025	6010D
7440-22-4	Silver	-0.297	U	1	0.11	0.238	0.475	mg/Kg	10/20/2025	10/20/2025	6010D
7440-23-5	Sodium	315		1	17	76	95.1	mg/Kg	10/20/2025	10/20/2025	6010D
7440-28-0	Thallium	-0.42	U	1	0.22	0.951	1.9	mg/Kg	10/20/2025	10/20/2025	6010D
7440-62-2	Vanadium	9.92		1	0.24	0.951	1.9	mg/Kg	10/20/2025	10/20/2025	6010D
7440-66-6	Zinc	17.5		1	0.22	0.475	1.9	mg/Kg	10/20/2025	10/20/2025	6010D

Report of Analysis

Client:		Date Collected:	10/17/2025 12:00:00 AM
Project:	LB137590	Date Received:	10/17/2025 12:00:00 AM
Client Sample ID:	VNJ-222	SDG No.:	LB137590
Lab Sample ID:	Q3381-01	Matrix:	Solid
Level (low/med):	low	% Solid:	89.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7429-90-5	Aluminum	10300		1	0.80	3.79	4.74	mg/Kg	10/20/2025	10/20/2025	6010D
7440-36-0	Antimony	0.686	J	1	0.21	0.592	2.37	mg/Kg	10/20/2025	10/20/2025	6010D
7440-38-2	Arsenic	5.3		1	0.18	0.758	0.948	mg/Kg	10/20/2025	10/20/2025	6010D
7440-39-3	Barium	50.3		1	0.69	1.18	4.74	mg/Kg	10/20/2025	10/20/2025	6010D
7440-41-7	Beryllium	1.04		1	0.024	0.071	0.284	mg/Kg	10/20/2025	10/20/2025	6010D
7440-43-9	Cadmium	0.671		1	0.023	0.071	0.284	mg/Kg	10/20/2025	10/20/2025	6010D
7440-70-2	Calcium	774		1	11	23.7	94.8	mg/Kg	10/20/2025	10/20/2025	6010D
7440-47-3	Chromium	16		1	0.045	0.118	0.474	mg/Kg	10/20/2025	10/20/2025	6010D
7440-48-4	Cobalt	8.32		1	0.095	0.355	1.42	mg/Kg	10/20/2025	10/20/2025	6010D
7440-50-8	Copper	20.2		1	0.21	0.758	0.948	mg/Kg	10/20/2025	10/20/2025	6010D
7439-89-6	Iron	24200		1	3.8	3.79	4.74	mg/Kg	10/20/2025	10/20/2025	6010D
7439-92-1	Lead	26.7		1	0.12	0.455	0.569	mg/Kg	10/20/2025	10/20/2025	6010D
7439-95-4	Magnesium	2350		1	11	23.7	94.8	mg/Kg	10/20/2025	10/20/2025	6010D
7439-96-5	Manganese	232		1	0.13	0.237	0.948	mg/Kg	10/20/2025	10/20/2025	6010D
7440-02-0	Nickel	19		1	0.12	0.474	1.9	mg/Kg	10/20/2025	10/20/2025	6010D
7440-09-7	Potassium	1020		1	26	75.8	94.8	mg/Kg	10/20/2025	10/20/2025	6010D
7782-49-2	Selenium	0.219	U	1	0.25	0.758	0.948	mg/Kg	10/20/2025	10/20/2025	6010D
7440-22-4	Silver	-0.78	U	1	0.11	0.237	0.474	mg/Kg	10/20/2025	10/20/2025	6010D
7440-23-5	Sodium	216		1	17	75.8	94.8	mg/Kg	10/20/2025	10/20/2025	6010D
7440-28-0	Thallium	-1.17	U	1	0.22	0.948	1.9	mg/Kg	10/20/2025	10/20/2025	6010D
7440-62-2	Vanadium	30		1	0.24	0.948	1.9	mg/Kg	10/20/2025	10/20/2025	6010D
7440-66-6	Zinc	89.2		1	0.22	0.474	1.9	mg/Kg	10/20/2025	10/20/2025	6010D

Report of Analysis

Client:		Date Collected:	10/17/2025 12:00:00 AM
Project:	LB137590	Date Received:	10/17/2025 12:00:00 AM
Client Sample ID:	VNJ-245	SDG No.:	LB137590
Lab Sample ID:	Q3381-03	Matrix:	Solid
Level (low/med):	low	% Solid:	81.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7429-90-5	Aluminum	9640		1	0.88	4.19	5.24	mg/Kg	10/20/2025	10/20/2025	6010D
7440-36-0	Antimony	0.742	J	1	0.23	0.655	2.62	mg/Kg	10/20/2025	10/20/2025	6010D
7440-38-2	Arsenic	5.06		1	0.20	0.838	1.05	mg/Kg	10/20/2025	10/20/2025	6010D
7440-39-3	Barium	114		1	0.77	1.31	5.24	mg/Kg	10/20/2025	10/20/2025	6010D
7440-41-7	Beryllium	0.82		1	0.026	0.079	0.314	mg/Kg	10/20/2025	10/20/2025	6010D
7440-43-9	Cadmium	0.669		1	0.025	0.079	0.314	mg/Kg	10/20/2025	10/20/2025	6010D
7440-70-2	Calcium	1920		1	12	26.2	105	mg/Kg	10/20/2025	10/20/2025	6010D
7440-47-3	Chromium	15.5		1	0.049	0.131	0.524	mg/Kg	10/20/2025	10/20/2025	6010D
7440-48-4	Cobalt	9.93		1	0.11	0.393	1.57	mg/Kg	10/20/2025	10/20/2025	6010D
7440-50-8	Copper	33.1		1	0.23	0.838	1.05	mg/Kg	10/20/2025	10/20/2025	6010D
7439-89-6	Iron	17100		1	4.2	4.19	5.24	mg/Kg	10/20/2025	10/20/2025	6010D
7439-92-1	Lead	33.6		1	0.14	0.503	0.628	mg/Kg	10/20/2025	10/20/2025	6010D
7439-95-4	Magnesium	3030		1	13	26.2	105	mg/Kg	10/20/2025	10/20/2025	6010D
7439-96-5	Manganese	287		1	0.15	0.262	1.05	mg/Kg	10/20/2025	10/20/2025	6010D
7440-02-0	Nickel	19.4		1	0.14	0.524	2.09	mg/Kg	10/20/2025	10/20/2025	6010D
7440-09-7	Potassium	769		1	29	83.8	105	mg/Kg	10/20/2025	10/20/2025	6010D
7782-49-2	Selenium	0.353	J	1	0.27	0.838	1.05	mg/Kg	10/20/2025	10/20/2025	6010D
7440-22-4	Silver	-0.567	U	1	0.13	0.262	0.524	mg/Kg	10/20/2025	10/20/2025	6010D
7440-23-5	Sodium	221		1	19	83.8	105	mg/Kg	10/20/2025	10/20/2025	6010D
7440-28-0	Thallium	-0.626	U	1	0.24	1.05	2.09	mg/Kg	10/20/2025	10/20/2025	6010D
7440-62-2	Vanadium	21.2		1	0.26	1.05	2.09	mg/Kg	10/20/2025	10/20/2025	6010D
7440-66-6	Zinc	101		1	0.24	0.524	2.09	mg/Kg	10/20/2025	10/20/2025	6010D

Report of Analysis

Client:		Date Collected:	10/17/2025 12:00:00 AM
Project:	LB137590	Date Received:	10/17/2025 12:00:00 AM
Client Sample ID:	RBR200059	SDG No.:	LB137590
Lab Sample ID:	Q3381-05	Matrix:	Solid
Level (low/med):	low	% Solid:	88.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7429-90-5	Aluminum	9260		1	0.89	4.22	5.27	mg/Kg	10/20/2025	10/20/2025	6010D
7440-36-0	Antimony	0.546	J	1	0.23	0.659	2.64	mg/Kg	10/20/2025	10/20/2025	6010D
7440-38-2	Arsenic	3.96		1	0.20	0.844	1.05	mg/Kg	10/20/2025	10/20/2025	6010D
7440-39-3	Barium	86.1		1	0.77	1.32	5.27	mg/Kg	10/20/2025	10/20/2025	6010D
7440-41-7	Beryllium	0.877		1	0.026	0.079	0.316	mg/Kg	10/20/2025	10/20/2025	6010D
7440-43-9	Cadmium	0.58		1	0.025	0.079	0.316	mg/Kg	10/20/2025	10/20/2025	6010D
7440-70-2	Calcium	1540		1	12	26.4	105	mg/Kg	10/20/2025	10/20/2025	6010D
7440-47-3	Chromium	13		1	0.050	0.132	0.527	mg/Kg	10/20/2025	10/20/2025	6010D
7440-48-4	Cobalt	10.09		1	0.11	0.396	1.58	mg/Kg	10/20/2025	10/20/2025	6010D
7440-50-8	Copper	19.1		1	0.23	0.844	1.05	mg/Kg	10/20/2025	10/20/2025	6010D
7439-89-6	Iron	20700		1	4.2	4.22	5.27	mg/Kg	10/20/2025	10/20/2025	6010D
7439-92-1	Lead	30.2		1	0.14	0.506	0.633	mg/Kg	10/20/2025	10/20/2025	6010D
7439-95-4	Magnesium	3510		1	13	26.4	105	mg/Kg	10/20/2025	10/20/2025	6010D
7439-96-5	Manganese	288		1	0.15	0.264	1.05	mg/Kg	10/20/2025	10/20/2025	6010D
7440-02-0	Nickel	20		1	0.14	0.527	2.11	mg/Kg	10/20/2025	10/20/2025	6010D
7440-09-7	Potassium	1260		1	29	84.4	105	mg/Kg	10/20/2025	10/20/2025	6010D
7782-49-2	Selenium	0.039	U	1	0.27	0.844	1.05	mg/Kg	10/20/2025	10/20/2025	6010D
7440-22-4	Silver	-0.744	U	1	0.13	0.264	0.527	mg/Kg	10/20/2025	10/20/2025	6010D
7440-23-5	Sodium	373		1	19	84.4	105	mg/Kg	10/20/2025	10/20/2025	6010D
7440-28-0	Thallium	-0.811	U	1	0.24	1.05	2.11	mg/Kg	10/20/2025	10/20/2025	6010D
7440-62-2	Vanadium	22.2		1	0.26	1.05	2.11	mg/Kg	10/20/2025	10/20/2025	6010D
7440-66-6	Zinc	56.1		1	0.24	0.527	2.11	mg/Kg	10/20/2025	10/20/2025	6010D

Report of Analysis

Client:		Date Collected:	10/17/2025 12:00:00 AM
Project:	LB137590	Date Received:	10/17/2025 12:00:00 AM
Client Sample ID:	VNJ-255	SDG No.:	LB137590
Lab Sample ID:	Q3381-07	Matrix:	Solid
Level (low/med):	low	% Solid:	92.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7429-90-5	Aluminum	5770		1	0.84	4	5.01	mg/Kg	10/20/2025	10/20/2025	6010D
7440-36-0	Antimony	0.247	J	1	0.22	0.626	2.5	mg/Kg	10/20/2025	10/20/2025	6010D
7440-38-2	Arsenic	1.98		1	0.19	0.801	1	mg/Kg	10/20/2025	10/20/2025	6010D
7440-39-3	Barium	20		1	0.73	1.25	5.01	mg/Kg	10/20/2025	10/20/2025	6010D
7440-41-7	Beryllium	0.359		1	0.025	0.075	0.3	mg/Kg	10/20/2025	10/20/2025	6010D
7440-43-9	Cadmium	0.162	J	1	0.024	0.075	0.3	mg/Kg	10/20/2025	10/20/2025	6010D
7440-70-2	Calcium	280		1	11	25	100	mg/Kg	10/20/2025	10/20/2025	6010D
7440-47-3	Chromium	7.88		1	0.047	0.125	0.5	mg/Kg	10/20/2025	10/20/2025	6010D
7440-48-4	Cobalt	4.22		1	0.10	0.375	1.5	mg/Kg	10/20/2025	10/20/2025	6010D
7440-50-8	Copper	11.9		1	0.22	0.801	1	mg/Kg	10/20/2025	10/20/2025	6010D
7439-89-6	Iron	9500		1	4.0	4	5.01	mg/Kg	10/20/2025	10/20/2025	6010D
7439-92-1	Lead	26.7		1	0.13	0.48	0.601	mg/Kg	10/20/2025	10/20/2025	6010D
7439-95-4	Magnesium	1490		1	12	25	100	mg/Kg	10/20/2025	10/20/2025	6010D
7439-96-5	Manganese	114		1	0.14	0.25	1	mg/Kg	10/20/2025	10/20/2025	6010D
7440-02-0	Nickel	7.88		1	0.13	0.5	2	mg/Kg	10/20/2025	10/20/2025	6010D
7440-09-7	Potassium	487		1	28	80.1	100	mg/Kg	10/20/2025	10/20/2025	6010D
7782-49-2	Selenium	0.197	U	1	0.26	0.801	1	mg/Kg	10/20/2025	10/20/2025	6010D
7440-22-4	Silver	-0.332	U	1	0.12	0.25	0.5	mg/Kg	10/20/2025	10/20/2025	6010D
7440-23-5	Sodium	99.7	J	1	18	80.1	100	mg/Kg	10/20/2025	10/20/2025	6010D
7440-28-0	Thallium	-0.251	U	1	0.23	1	2	mg/Kg	10/20/2025	10/20/2025	6010D
7440-62-2	Vanadium	14		1	0.25	1	2	mg/Kg	10/20/2025	10/20/2025	6010D
7440-66-6	Zinc	34.4		1	0.23	0.5	2	mg/Kg	10/20/2025	10/20/2025	6010D

Report of Analysis

Client:		Date Collected:	10/17/2025 12:00:00 AM
Project:	LB137590	Date Received:	10/17/2025 12:00:00 AM
Client Sample ID:	CENTRAL-AVE-TP	SDG No.:	LB137590
Lab Sample ID:	Q3382-01	Matrix:	Solid
Level (low/med):	low	% Solid:	84.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7429-90-5	Aluminum	5200		1	0.84	3.99	4.99	mg/Kg	10/20/2025	10/20/2025	6010D
7440-36-0	Antimony	0.339	J	1	0.22	0.624	2.5	mg/Kg	10/20/2025	10/20/2025	6010D
7440-38-2	Arsenic	2.3		1	0.19	0.799	0.998	mg/Kg	10/20/2025	10/20/2025	6010D
7440-39-3	Barium	53		1	0.73	1.25	4.99	mg/Kg	10/20/2025	10/20/2025	6010D
7440-41-7	Beryllium	0.397		1	0.025	0.075	0.299	mg/Kg	10/20/2025	10/20/2025	6010D
7440-43-9	Cadmium	0.287	J	1	0.024	0.075	0.299	mg/Kg	10/20/2025	10/20/2025	6010D
7440-70-2	Calcium	1680		1	11	25	99.8	mg/Kg	10/20/2025	10/20/2025	6010D
7440-47-3	Chromium	7.61		1	0.047	0.125	0.499	mg/Kg	10/20/2025	10/20/2025	6010D
7440-48-4	Cobalt	4.18		1	0.10	0.374	1.5	mg/Kg	10/20/2025	10/20/2025	6010D
7440-50-8	Copper	29.6		1	0.22	0.799	0.998	mg/Kg	10/20/2025	10/20/2025	6010D
7439-89-6	Iron	8640		1	4.0	3.99	4.99	mg/Kg	10/20/2025	10/20/2025	6010D
7439-92-1	Lead	70.2		1	0.13	0.479	0.599	mg/Kg	10/20/2025	10/20/2025	6010D
7439-95-4	Magnesium	1150		1	12	25	99.8	mg/Kg	10/20/2025	10/20/2025	6010D
7439-96-5	Manganese	247		1	0.14	0.25	0.998	mg/Kg	10/20/2025	10/20/2025	6010D
7440-02-0	Nickel	8.39		1	0.13	0.499	2	mg/Kg	10/20/2025	10/20/2025	6010D
7440-09-7	Potassium	502		1	28	79.9	99.8	mg/Kg	10/20/2025	10/20/2025	6010D
7782-49-2	Selenium	0.099	U	1	0.26	0.799	0.998	mg/Kg	10/20/2025	10/20/2025	6010D
7440-22-4	Silver	-0.252	U	1	0.12	0.25	0.499	mg/Kg	10/20/2025	10/20/2025	6010D
7440-23-5	Sodium	94.7	J	1	18	79.9	99.8	mg/Kg	10/20/2025	10/20/2025	6010D
7440-28-0	Thallium	-0.338	U	1	0.23	0.998	2	mg/Kg	10/20/2025	10/20/2025	6010D
7440-62-2	Vanadium	12.3		1	0.25	0.998	2	mg/Kg	10/20/2025	10/20/2025	6010D
7440-66-6	Zinc	39.1		1	0.23	0.499	2	mg/Kg	10/20/2025	10/20/2025	6010D

Report of Analysis

Client:		Date Collected:	10/17/2025 12:00:00 AM
Project:	LB137590	Date Received:	10/17/2025 12:00:00 AM
Client Sample ID:	OR-03-101725	SDG No.:	LB137590
Lab Sample ID:	Q3383-01	Matrix:	Solid
Level (low/med):	low	% Solid:	92

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7429-90-5	Aluminum	8030		1	0.79	3.78	4.73	mg/Kg	10/20/2025	10/20/2025	6010D
7440-36-0	Antimony	0.39	J	1	0.21	0.591	2.36	mg/Kg	10/20/2025	10/20/2025	6010D
7440-38-2	Arsenic	2.31		1	0.18	0.756	0.945	mg/Kg	10/20/2025	10/20/2025	6010D
7440-39-3	Barium	36.2		1	0.69	1.18	4.73	mg/Kg	10/20/2025	10/20/2025	6010D
7440-41-7	Beryllium	0.417		1	0.024	0.071	0.284	mg/Kg	10/20/2025	10/20/2025	6010D
7440-43-9	Cadmium	0.359		1	0.023	0.071	0.284	mg/Kg	10/20/2025	10/20/2025	6010D
7440-70-2	Calcium	3120		1	10	23.6	94.5	mg/Kg	10/20/2025	10/20/2025	6010D
7440-47-3	Chromium	8.43		1	0.044	0.118	0.473	mg/Kg	10/20/2025	10/20/2025	6010D
7440-48-4	Cobalt	5.73		1	0.095	0.354	1.42	mg/Kg	10/20/2025	10/20/2025	6010D
7440-50-8	Copper	16.4		1	0.21	0.756	0.945	mg/Kg	10/20/2025	10/20/2025	6010D
7439-89-6	Iron	11600		1	3.8	3.78	4.73	mg/Kg	10/20/2025	10/20/2025	6010D
7439-92-1	Lead	28		1	0.12	0.454	0.567	mg/Kg	10/20/2025	10/20/2025	6010D
7439-95-4	Magnesium	2490		1	11	23.6	94.5	mg/Kg	10/20/2025	10/20/2025	6010D
7439-96-5	Manganese	193		1	0.13	0.236	0.945	mg/Kg	10/20/2025	10/20/2025	6010D
7440-02-0	Nickel	10.4		1	0.12	0.473	1.89	mg/Kg	10/20/2025	10/20/2025	6010D
7440-09-7	Potassium	726		1	26	75.6	94.5	mg/Kg	10/20/2025	10/20/2025	6010D
7782-49-2	Selenium	0.147	U	1	0.25	0.756	0.945	mg/Kg	10/20/2025	10/20/2025	6010D
7440-22-4	Silver	-0.334	U	1	0.11	0.236	0.473	mg/Kg	10/20/2025	10/20/2025	6010D
7440-23-5	Sodium	497		1	17	75.6	94.5	mg/Kg	10/20/2025	10/20/2025	6010D
7440-28-0	Thallium	-0.317	U	1	0.22	0.945	1.89	mg/Kg	10/20/2025	10/20/2025	6010D
7440-62-2	Vanadium	23.7		1	0.24	0.945	1.89	mg/Kg	10/20/2025	10/20/2025	6010D
7440-66-6	Zinc	29.1		1	0.22	0.473	1.89	mg/Kg	10/20/2025	10/20/2025	6010D

Report of Analysis

Client:		Date Collected:	10/17/2025 12:00:00 AM
Project:	LB137590	Date Received:	10/17/2025 12:00:00 AM
Client Sample ID:	237	SDG No.:	LB137590
Lab Sample ID:	Q3386-01	Matrix:	Solid
Level (low/med):	low	% Solid:	94.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7429-90-5	Aluminum	6870		1	0.76	3.6	4.5	mg/Kg	10/20/2025	10/20/2025	6010D
7440-36-0	Antimony	0.495	J	1	0.20	0.563	2.25	mg/Kg	10/20/2025	10/20/2025	6010D
7440-38-2	Arsenic	3.35		1	0.17	0.72	0.901	mg/Kg	10/20/2025	10/20/2025	6010D
7440-39-3	Barium	39.1		1	0.66	1.13	4.5	mg/Kg	10/20/2025	10/20/2025	6010D
7440-41-7	Beryllium	0.413		1	0.023	0.068	0.27	mg/Kg	10/20/2025	10/20/2025	6010D
7440-43-9	Cadmium	0.439		1	0.022	0.068	0.27	mg/Kg	10/20/2025	10/20/2025	6010D
7440-70-2	Calcium	7020		1	10	22.5	90.1	mg/Kg	10/20/2025	10/20/2025	6010D
7440-47-3	Chromium	11.3		1	0.042	0.113	0.45	mg/Kg	10/20/2025	10/20/2025	6010D
7440-48-4	Cobalt	6.67		1	0.090	0.338	1.35	mg/Kg	10/20/2025	10/20/2025	6010D
7440-50-8	Copper	15.9		1	0.20	0.72	0.901	mg/Kg	10/20/2025	10/20/2025	6010D
7439-89-6	Iron	13600		1	3.6	3.6	4.5	mg/Kg	10/20/2025	10/20/2025	6010D
7439-92-1	Lead	29.7		1	0.12	0.432	0.54	mg/Kg	10/20/2025	10/20/2025	6010D
7439-95-4	Magnesium	3930		1	11	22.5	90.1	mg/Kg	10/20/2025	10/20/2025	6010D
7439-96-5	Manganese	253		1	0.13	0.225	0.901	mg/Kg	10/20/2025	10/20/2025	6010D
7440-02-0	Nickel	11.1		1	0.12	0.45	1.8	mg/Kg	10/20/2025	10/20/2025	6010D
7440-09-7	Potassium	588		1	25	72	90.1	mg/Kg	10/20/2025	10/20/2025	6010D
7782-49-2	Selenium	0.006	U	1	0.23	0.72	0.901	mg/Kg	10/20/2025	10/20/2025	6010D
7440-22-4	Silver	-0.499	U	1	0.11	0.225	0.45	mg/Kg	10/20/2025	10/20/2025	6010D
7440-23-5	Sodium	238		1	16	72	90.1	mg/Kg	10/20/2025	10/20/2025	6010D
7440-28-0	Thallium	-0.568	U	1	0.21	0.901	1.8	mg/Kg	10/20/2025	10/20/2025	6010D
7440-62-2	Vanadium	22		1	0.23	0.901	1.8	mg/Kg	10/20/2025	10/20/2025	6010D
7440-66-6	Zinc	43.2		1	0.21	0.45	1.8	mg/Kg	10/20/2025	10/20/2025	6010D

Report of Analysis

Client:		Date Collected:	10/17/2025 12:00:00 AM
Project:	LB137590	Date Received:	10/17/2025 12:00:00 AM
Client Sample ID:	340	SDG No.:	LB137590
Lab Sample ID:	Q3390-03	Matrix:	Solid
Level (low/med):	low	% Solid:	85.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7429-90-5	Aluminum	7830		1	0.92	4.39	5.49	mg/Kg	10/20/2025	10/20/2025	6010D
7440-36-0	Antimony	0.551	J	1	0.24	0.686	2.75	mg/Kg	10/20/2025	10/20/2025	6010D
7440-38-2	Arsenic	5.7		1	0.21	0.879	1.1	mg/Kg	10/20/2025	10/20/2025	6010D
7440-39-3	Barium	38.9		1	0.80	1.37	5.49	mg/Kg	10/20/2025	10/20/2025	6010D
7440-41-7	Beryllium	0.661		1	0.027	0.082	0.329	mg/Kg	10/20/2025	10/20/2025	6010D
7440-43-9	Cadmium	0.718		1	0.026	0.082	0.329	mg/Kg	10/20/2025	10/20/2025	6010D
7440-70-2	Calcium	4070		1	12	27.5	110	mg/Kg	10/20/2025	10/20/2025	6010D
7440-47-3	Chromium	23.9		1	0.052	0.137	0.549	mg/Kg	10/20/2025	10/20/2025	6010D
7440-48-4	Cobalt	7.99		1	0.11	0.412	1.65	mg/Kg	10/20/2025	10/20/2025	6010D
7440-50-8	Copper	25.3		1	0.24	0.879	1.1	mg/Kg	10/20/2025	10/20/2025	6010D
7439-89-6	Iron	11400		1	4.4	4.39	5.49	mg/Kg	10/20/2025	10/20/2025	6010D
7439-92-1	Lead	77		1	0.14	0.527	0.659	mg/Kg	10/20/2025	10/20/2025	6010D
7439-95-4	Magnesium	5050		1	13	27.5	110	mg/Kg	10/20/2025	10/20/2025	6010D
7439-96-5	Manganese	138		1	0.15	0.275	1.1	mg/Kg	10/20/2025	10/20/2025	6010D
7440-02-0	Nickel	14.5		1	0.14	0.549	2.2	mg/Kg	10/20/2025	10/20/2025	6010D
7440-09-7	Potassium	1070		1	30	87.9	110	mg/Kg	10/20/2025	10/20/2025	6010D
7782-49-2	Selenium	0.218	U	1	0.29	0.879	1.1	mg/Kg	10/20/2025	10/20/2025	6010D
7440-22-4	Silver	-0.379	U	1	0.13	0.275	0.549	mg/Kg	10/20/2025	10/20/2025	6010D
7440-23-5	Sodium	272		1	20	87.9	110	mg/Kg	10/20/2025	10/20/2025	6010D
7440-28-0	Thallium	-0.221	U	1	0.25	1.1	2.2	mg/Kg	10/20/2025	10/20/2025	6010D
7440-62-2	Vanadium	25.5		1	0.28	1.1	2.2	mg/Kg	10/20/2025	10/20/2025	6010D
7440-66-6	Zinc	114		1	0.25	0.549	2.2	mg/Kg	10/20/2025	10/20/2025	6010D

Report of Analysis

Client:		Date Collected:	10/17/2025 12:00:00 AM
Project:	LB137590	Date Received:	10/17/2025 12:00:00 AM
Client Sample ID:	MH-20	SDG No.:	LB137590
Lab Sample ID:	Q3392-01	Matrix:	Solid
Level (low/med):	low	% Solid:	90.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7429-90-5	Aluminum	8120		1	0.85	4.03	5.03	mg/Kg	10/20/2025	10/20/2025	6010D
7440-36-0	Antimony	0.491	J	1	0.22	0.629	2.52	mg/Kg	10/20/2025	10/20/2025	6010D
7440-38-2	Arsenic	3.12		1	0.19	0.805	1.01	mg/Kg	10/20/2025	10/20/2025	6010D
7440-39-3	Barium	36.1		1	0.74	1.26	5.03	mg/Kg	10/20/2025	10/20/2025	6010D
7440-41-7	Beryllium	0.473		1	0.025	0.076	0.302	mg/Kg	10/20/2025	10/20/2025	6010D
7440-43-9	Cadmium	0.414		1	0.024	0.076	0.302	mg/Kg	10/20/2025	10/20/2025	6010D
7440-70-2	Calcium	803		1	11	25.2	101	mg/Kg	10/20/2025	10/20/2025	6010D
7440-47-3	Chromium	9.76		1	0.047	0.126	0.503	mg/Kg	10/20/2025	10/20/2025	6010D
7440-48-4	Cobalt	7		1	0.10	0.378	1.51	mg/Kg	10/20/2025	10/20/2025	6010D
7440-50-8	Copper	12		1	0.22	0.805	1.01	mg/Kg	10/20/2025	10/20/2025	6010D
7439-89-6	Iron	15100		1	4.0	4.03	5.03	mg/Kg	10/20/2025	10/20/2025	6010D
7439-92-1	Lead	14.9		1	0.13	0.483	0.604	mg/Kg	10/20/2025	10/20/2025	6010D
7439-95-4	Magnesium	1940		1	12	25.2	101	mg/Kg	10/20/2025	10/20/2025	6010D
7439-96-5	Manganese	232		1	0.14	0.252	1.01	mg/Kg	10/20/2025	10/20/2025	6010D
7440-02-0	Nickel	12		1	0.13	0.503	2.01	mg/Kg	10/20/2025	10/20/2025	6010D
7440-09-7	Potassium	570		1	28	80.5	101	mg/Kg	10/20/2025	10/20/2025	6010D
7782-49-2	Selenium	0.166	U	1	0.26	0.805	1.01	mg/Kg	10/20/2025	10/20/2025	6010D
7440-22-4	Silver	-0.421	U	1	0.12	0.252	0.503	mg/Kg	10/20/2025	10/20/2025	6010D
7440-23-5	Sodium	467		1	18	80.5	101	mg/Kg	10/20/2025	10/20/2025	6010D
7440-28-0	Thallium	-0.703	U	1	0.23	1.01	2.01	mg/Kg	10/20/2025	10/20/2025	6010D
7440-62-2	Vanadium	18.2		1	0.25	1.01	2.01	mg/Kg	10/20/2025	10/20/2025	6010D
7440-66-6	Zinc	28.5		1	0.23	0.503	2.01	mg/Kg	10/20/2025	10/20/2025	6010D

Report of Analysis

Client:		Date Collected:	10/17/2025 12:00:00 AM
Project:	LB137590	Date Received:	10/17/2025 12:00:00 AM
Client Sample ID:	MH-19	SDG No.:	LB137590
Lab Sample ID:	Q3392-05	Matrix:	Solid
Level (low/med):	low	% Solid:	87.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7429-90-5	Aluminum	7600		1	0.87	4.12	5.15	mg/Kg	10/20/2025	10/20/2025	6010D
7440-36-0	Antimony	0.287	J	1	0.23	0.644	2.58	mg/Kg	10/20/2025	10/20/2025	6010D
7440-38-2	Arsenic	2.66		1	0.20	0.825	1.03	mg/Kg	10/20/2025	10/20/2025	6010D
7440-39-3	Barium	46.8		1	0.75	1.29	5.15	mg/Kg	10/20/2025	10/20/2025	6010D
7440-41-7	Beryllium	0.445		1	0.026	0.077	0.309	mg/Kg	10/20/2025	10/20/2025	6010D
7440-43-9	Cadmium	0.354		1	0.025	0.077	0.309	mg/Kg	10/20/2025	10/20/2025	6010D
7440-70-2	Calcium	864		1	11	25.8	103	mg/Kg	10/20/2025	10/20/2025	6010D
7440-47-3	Chromium	8.08		1	0.048	0.129	0.515	mg/Kg	10/20/2025	10/20/2025	6010D
7440-48-4	Cobalt	5.4		1	0.10	0.387	1.55	mg/Kg	10/20/2025	10/20/2025	6010D
7440-50-8	Copper	10.03		1	0.23	0.825	1.03	mg/Kg	10/20/2025	10/20/2025	6010D
7439-89-6	Iron	11500		1	4.1	4.12	5.15	mg/Kg	10/20/2025	10/20/2025	6010D
7439-92-1	Lead	16.3		1	0.13	0.495	0.618	mg/Kg	10/20/2025	10/20/2025	6010D
7439-95-4	Magnesium	1300		1	12	25.8	103	mg/Kg	10/20/2025	10/20/2025	6010D
7439-96-5	Manganese	262		1	0.14	0.258	1.03	mg/Kg	10/20/2025	10/20/2025	6010D
7440-02-0	Nickel	9.46		1	0.13	0.515	2.06	mg/Kg	10/20/2025	10/20/2025	6010D
7440-09-7	Potassium	453		1	29	82.5	103	mg/Kg	10/20/2025	10/20/2025	6010D
7782-49-2	Selenium	0.345	J	1	0.27	0.825	1.03	mg/Kg	10/20/2025	10/20/2025	6010D
7440-22-4	Silver	-0.342	U	1	0.12	0.258	0.515	mg/Kg	10/20/2025	10/20/2025	6010D
7440-23-5	Sodium	375		1	18	82.5	103	mg/Kg	10/20/2025	10/20/2025	6010D
7440-28-0	Thallium	-0.263	U	1	0.24	1.03	2.06	mg/Kg	10/20/2025	10/20/2025	6010D
7440-62-2	Vanadium	15.9		1	0.26	1.03	2.06	mg/Kg	10/20/2025	10/20/2025	6010D
7440-66-6	Zinc	29.3		1	0.24	0.515	2.06	mg/Kg	10/20/2025	10/20/2025	6010D

Report of Analysis

Client:		Date Collected:	10/17/2025 12:00:00 AM
Project:	LB137590	Date Received:	10/17/2025 12:00:00 AM
Client Sample ID:	MH-19	SDG No.:	LB137590
Lab Sample ID:	Q3392-05	Matrix:	Solid
Level (low/med):	low	% Solid:	87.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
-----	-----------	-------	------	----	-----	-----	------------	-------	-----------	-----------	----------

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N = Spiked sample recovery not within control limits

Metals

- 13 -

SAMPLE PREPARATION SUMMARY

Client: LB137590

SDG No.: LB137590

Contract: _____

Lab Code: CHEM

Method: _____

						Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Sample ID	Client ID	Sample Type	Matrix	Prep Date				
Batch Number: PB170112								
PB170081TB	PB170081TB	MB	WATER	10/20/2025		5.0	25.0	

Metals

- 13 -

SAMPLE PREPARATION SUMMARY

Client: LB137590

SDG No.: LB137590

Contract:

Lab Code: CHEM

Method:

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB170132							
PB170116TB	PB170116TB	MB	WATER	10/20/2025	5.0	25.0	
Q3357-01	DRUM-1	SAM	WATER	10/20/2025	5.0	25.0	

Metals

- 13 -

SAMPLE PREPARATION SUMMARY

Client: LB137590 **SDG No.:** LB137590
Contract: **Lab Code:** CHEM **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB170151							
PB170151BL	PB170151BL	MB	SOLID	10/20/2025	2.00	100.0	100.00
PB170151BS	PB170151BS	LCS	SOLID	10/20/2025	2.00	100.0	100.00
Q3366-01	TR-06-101625	SAM	SOLID	10/20/2025	2.08	100.0	95.00
Q3366-03	TR-1-101625	SAM	SOLID	10/20/2025	2.23	100.0	92.30
Q3367-01	BU-03-101625	SAM	SOLID	10/20/2025	2.40	100.0	92.30
Q3369-01	MH-22	SAM	SOLID	10/20/2025	2.36	100.0	89.20
Q3369-05	MH-21	SAM	SOLID	10/20/2025	2.30	100.0	89.40
Q3374-01	TP-4-WC	SAM	SOLID	10/20/2025	2.40	100.0	85.10
Q3374-05	TP-5-WC	SAM	SOLID	10/20/2025	2.26	100.0	93.10
Q3381-01	VNJ-222	SAM	SOLID	10/20/2025	2.36	100.0	89.40
Q3381-03	VNJ-245	SAM	SOLID	10/20/2025	2.34	100.0	81.60
Q3381-05	RBR200059	SAM	SOLID	10/20/2025	2.14	100.0	88.60
Q3381-07	VNJ-255	SAM	SOLID	10/20/2025	2.16	100.0	92.50
Q3382-01	CENTRAL-AVE-TP	SAM	SOLID	10/20/2025	2.36	100.0	84.90
Q3383-01	OR-03-101725	SAM	SOLID	10/20/2025	2.30	100.0	92.00
Q3386-01	237	SAM	SOLID	10/20/2025	2.36	100.0	94.10
Q3390-03	340	SAM	SOLID	10/20/2025	2.14	100.0	85.10
Q3392-01	MH-20	SAM	SOLID	10/20/2025	2.20	100.0	90.30
Q3392-05	MH-19	SAM	SOLID	10/20/2025	2.22	100.0	87.40
Q3392-05DUP	MH-19DUP	DUP	SOLID	10/20/2025	2.14	100.0	87.40
Q3392-05MS	MH-19MS	MS	SOLID	10/20/2025	2.14	100.0	87.40
Q3392-05MSD	MH-19MSD	MSD	SOLID	10/20/2025	2.28	100.0	87.40

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB137590 SDG No.: LB137590
Contract: _____ Lab Code: CHEM Case No.: LB137590 SAS No.: LB137590
Initial Calibration Source: _____
Continuing Calibration Source: _____

Sample ID	Analyte	Result ug/L	True Value	% Recovery	% RSD	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	7882.76	8000	98.5	.3395272	90 - 110	P	10/20/2025	12:32	LB137590
	Antimony	4079.89	4000	102	.2412995	90 - 110	P	10/20/2025	12:32	LB137590
	Arsenic	3970.42	4000	99.3	.1694663	90 - 110	P	10/20/2025	12:32	LB137590
	Barium	7753.66	8000	96.9	.2875021	90 - 110	P	10/20/2025	12:32	LB137590
	Beryllium	201.476	200	100.7	.2552353	90 - 110	P	10/20/2025	12:32	LB137590
	Cadmium	1963.29	2000	98.2	.1403591	90 - 110	P	10/20/2025	12:32	LB137590
	Calcium	19636.6	20000	98.2	.2949702	90 - 110	P	10/20/2025	12:32	LB137590
	Chromium	819.583	800	102.4	.2246634	90 - 110	P	10/20/2025	12:32	LB137590
	Cobalt	1982.18	2000	99.1	.1229790	90 - 110	P	10/20/2025	12:32	LB137590
	Copper	1016.35	1000	101.6	.2154794	90 - 110	P	10/20/2025	12:32	LB137590
	Iron	3990.85	4000	99.8	.3136367	90 - 110	P	10/20/2025	12:32	LB137590
	Lead	3866.1	4000	96.7	.1103475	90 - 110	P	10/20/2025	12:32	LB137590
	Magnesium	19627.3	20000	98.1	.7856804	90 - 110	P	10/20/2025	12:32	LB137590
	Manganese	1938.08	2000	96.9	.3085346	90 - 110	P	10/20/2025	12:32	LB137590
	Nickel	1987.37	2000	99.4	.1464105	90 - 110	P	10/20/2025	12:32	LB137590
	Potassium	19517.7	20000	97.6	.5645476	90 - 110	P	10/20/2025	12:32	LB137590
	Selenium	4042.35	4000	101.1	.5328286	90 - 110	P	10/20/2025	12:32	LB137590
	Silver	1013.61	1000	101.4	.1385633	90 - 110	P	10/20/2025	12:32	LB137590
	Sodium	18841.5	20000	94.2	.6667287	90 - 110	P	10/20/2025	12:32	LB137590
	Thallium	3813.33	4000	95.3	2.635675	90 - 110	P	10/20/2025	12:32	LB137590
	Vanadium	1966.3	2000	98.3	.2235291	90 - 110	P	10/20/2025	12:32	LB137590
	Zinc	2022.78	2000	101.1	.0815848	90 - 110	P	10/20/2025	12:32	LB137590

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB137590 SDG No.: LB137590
Contract: _____ Lab Code: CHEM Case No.: LB137590 SAS No.: LB137590
Initial Calibration Source: _____
Continuing Calibration Source: _____

Sample ID	Analyte	Result ug/L	True Value	% Recovery	% RSD	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	109.603	100	109.6	2.892735	80 - 120	P	10/20/2025	12:41	LB137590
	Antimony	52.3184	50	104.6	2.195126	80 - 120	P	10/20/2025	12:41	LB137590
	Arsenic	20.351	20	101.8	.4061023	80 - 120	P	10/20/2025	12:41	LB137590
	Barium	102.364	100	102.4	.8405591	80 - 120	P	10/20/2025	12:41	LB137590
	Beryllium	6.4731	6	107.9	.6983601	80 - 120	P	10/20/2025	12:41	LB137590
	Cadmium	5.9327	6	98.9	.5441036	80 - 120	P	10/20/2025	12:41	LB137590
	Calcium	2099.03	2000	105	.3296631	80 - 120	P	10/20/2025	12:41	LB137590
	Chromium	10.6456	10	106.5	2.293016	80 - 120	P	10/20/2025	12:41	LB137590
	Cobalt	30.4399	30	101.5	.2770355	80 - 120	P	10/20/2025	12:41	LB137590
	Copper	23.0442	20	115.2	1.260895	80 - 120	P	10/20/2025	12:41	LB137590
	Iron	104.472	100	104.5	11.55003	80 - 120	P	10/20/2025	12:41	LB137590
	Lead	11.7835	12	98.2	5.677826	80 - 120	P	10/20/2025	12:41	LB137590
	Magnesium	2155.24	2000	107.8	.7351421	80 - 120	P	10/20/2025	12:41	LB137590
	Manganese	22.174	20	110.9	2.752877	80 - 120	P	10/20/2025	12:41	LB137590
	Nickel	40.7213	40	101.8	.4781044	80 - 120	P	10/20/2025	12:41	LB137590
	Potassium	1958.98	2000	97.9	2.443564	80 - 120	P	10/20/2025	12:41	LB137590
	Selenium	23.8107	20	119.1	3.487533	80 - 120	P	10/20/2025	12:41	LB137590
	Silver	10.3892	10	103.9	4.932967	80 - 120	P	10/20/2025	12:41	LB137590
	Sodium	1896.45	2000	94.8	.5121026	80 - 120	P	10/20/2025	12:41	LB137590
	Thallium	43.4599	40	108.7	4.810983	80 - 120	P	10/20/2025	12:41	LB137590
	Vanadium	40.1304	40	100.3	3.500641	80 - 120	P	10/20/2025	12:41	LB137590
	Zinc	43.5096	40	108.8	.6638188	80 - 120	P	10/20/2025	12:41	LB137590

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB137590 SDG No.: LB137590
Contract: _____ Lab Code: CHEM Case No.: LB137590 SAS No.: LB137590
Initial Calibration Source: _____
Continuing Calibration Source: _____

Sample ID	Analyte	Result ug/L	True Value	% Recovery	% RSD	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	9887.28	10000	98.9	.1652614	90 - 110	P	10/20/2025	13:15	LB137590
	Antimony	5040.04	5000	100.8	.1218967	90 - 110	P	10/20/2025	13:15	LB137590
	Arsenic	5018.47	5000	100.4	.1204911	90 - 110	P	10/20/2025	13:15	LB137590
	Barium	9675.38	10000	96.8	.4054136	90 - 110	P	10/20/2025	13:15	LB137590
	Beryllium	245.968	250	98.4	.0979414	90 - 110	P	10/20/2025	13:15	LB137590
	Cadmium	2480.85	2500	99.2	.1614536	90 - 110	P	10/20/2025	13:15	LB137590
	Calcium	24562.3	25000	98.2	.2271807	90 - 110	P	10/20/2025	13:15	LB137590
	Chromium	1022.55	1000	102.3	.3172136	90 - 110	P	10/20/2025	13:15	LB137590
	Cobalt	2470.19	2500	98.8	.1639566	90 - 110	P	10/20/2025	13:15	LB137590
	Copper	1255.49	1250	100.4	.0945938	90 - 110	P	10/20/2025	13:15	LB137590
	Iron	5001.09	5000	100	.2260511	90 - 110	P	10/20/2025	13:15	LB137590
	Lead	4930.38	5000	98.6	.2144226	90 - 110	P	10/20/2025	13:15	LB137590
	Magnesium	24596.2	25000	98.4	.2945888	90 - 110	P	10/20/2025	13:15	LB137590
	Manganese	2407.95	2500	96.3	.3419691	90 - 110	P	10/20/2025	13:15	LB137590
	Nickel	2474.71	2500	99	.1913497	90 - 110	P	10/20/2025	13:15	LB137590
	Potassium	24728	25000	98.9	.4128827	90 - 110	P	10/20/2025	13:15	LB137590
	Selenium	5082.62	5000	101.7	.2569488	90 - 110	P	10/20/2025	13:15	LB137590
	Silver	1258.91	1250	100.7	.0190016	90 - 110	P	10/20/2025	13:15	LB137590
	Sodium	23528.8	25000	94.1	.3856088	90 - 110	P	10/20/2025	13:15	LB137590
	Thallium	5199	5000	104	2.149126	90 - 110	P	10/20/2025	13:15	LB137590
	Vanadium	2461.7	2500	98.5	.3365628	90 - 110	P	10/20/2025	13:15	LB137590
	Zinc	2564.12	2500	102.6	.2374566	90 - 110	P	10/20/2025	13:15	LB137590
CCV02	Aluminum	9371.28	10000	93.7	.2583042	90 - 110	P	10/20/2025	14:19	LB137590
	Antimony	4857.74	5000	97.2	.0227895	90 - 110	P	10/20/2025	14:19	LB137590
	Arsenic	4786.16	5000	95.7	.0741378	90 - 110	P	10/20/2025	14:19	LB137590
	Barium	9176.08	10000	91.8	.2372418	90 - 110	P	10/20/2025	14:19	LB137590
	Beryllium	233.555	250	93.4	.4740854	90 - 110	P	10/20/2025	14:19	LB137590
	Cadmium	2323.94	2500	93	.0724498	90 - 110	P	10/20/2025	14:19	LB137590
	Calcium	23171.8	25000	92.7	.1485492	90 - 110	P	10/20/2025	14:19	LB137590
	Chromium	944.462	1000	94.4	.3159284	90 - 110	P	10/20/2025	14:19	LB137590
	Cobalt	2326.16	2500	93	.0995821	90 - 110	P	10/20/2025	14:19	LB137590
	Copper	1187.32	1250	95	.0978582	90 - 110	P	10/20/2025	14:19	LB137590
	Iron	4857.7	5000	97.2	.4536992	90 - 110	P	10/20/2025	14:19	LB137590

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB137590 SDG No.: LB137590
Contract: _____ Lab Code: CHEM Case No.: LB137590 SAS No.: LB137590
Initial Calibration Source: _____
Continuing Calibration Source: _____

Sample ID	Analyte	Result ug/L	True Value	% Recovery	% RSD	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Lead	4641.41	5000	92.8	.0869024	90 - 110	P	10/20/2025	14:19	LB137590
	Magnesium	23131.4	25000	92.5	.0859214	90 - 110	P	10/20/2025	14:19	LB137590
	Manganese	2277.81	2500	91.1	.0801731	90 - 110	P	10/20/2025	14:19	LB137590
	Nickel	2328.87	2500	93.2	.0684746	90 - 110	P	10/20/2025	14:19	LB137590
	Potassium	23985.4	25000	95.9	.2192305	90 - 110	P	10/20/2025	14:19	LB137590
	Selenium	4857.85	5000	97.2	.0907625	90 - 110	P	10/20/2025	14:19	LB137590
	Silver	1228.64	1250	98.3	.2964234	90 - 110	P	10/20/2025	14:19	LB137590
	Sodium	23209.9	25000	92.8	.4879942	90 - 110	P	10/20/2025	14:19	LB137590
	Thallium	4704.13	5000	94.1	.3150132	90 - 110	P	10/20/2025	14:19	LB137590
	Vanadium	2338.6	2500	93.5	.3660842	90 - 110	P	10/20/2025	14:19	LB137590
	Zinc	2422.62	2500	96.9	.0430652	90 - 110	P	10/20/2025	14:19	LB137590
CCV03	Aluminum	9783.88	10000	97.8	.0434327	90 - 110	P	10/20/2025	15:08	LB137590
	Antimony	4996.67	5000	99.9	.0835102	90 - 110	P	10/20/2025	15:08	LB137590
	Arsenic	4935.04	5000	98.7	.1117754	90 - 110	P	10/20/2025	15:08	LB137590
	Barium	9773.22	10000	97.7	.3719076	90 - 110	P	10/20/2025	15:08	LB137590
	Beryllium	239.886	250	96	.9913835	90 - 110	P	10/20/2025	15:08	LB137590
	Cadmium	2380.38	2500	95.2	.0639807	90 - 110	P	10/20/2025	15:08	LB137590
	Calcium	24241.7	25000	97	.1151271	90 - 110	P	10/20/2025	15:08	LB137590
	Chromium	977.777	1000	97.8	.2159956	90 - 110	P	10/20/2025	15:08	LB137590
	Cobalt	2386.95	2500	95.5	.0950601	90 - 110	P	10/20/2025	15:08	LB137590
	Copper	1215.46	1250	97.2	.0279542	90 - 110	P	10/20/2025	15:08	LB137590
	Iron	4977.29	5000	99.5	.6360330	90 - 110	P	10/20/2025	15:08	LB137590
	Lead	4767.63	5000	95.4	.1041250	90 - 110	P	10/20/2025	15:08	LB137590
	Magnesium	24096.2	25000	96.4	.2001617	90 - 110	P	10/20/2025	15:08	LB137590
	Manganese	2430.95	2500	97.2	.5426000	90 - 110	P	10/20/2025	15:08	LB137590
	Nickel	2392.17	2500	95.7	.1190447	90 - 110	P	10/20/2025	15:08	LB137590
	Potassium	24685.3	25000	98.7	.7161178	90 - 110	P	10/20/2025	15:08	LB137590
	Selenium	5015.44	5000	100.3	.2372634	90 - 110	P	10/20/2025	15:08	LB137590
	Silver	1228.98	1250	98.3	.0489460	90 - 110	P	10/20/2025	15:08	LB137590
	Sodium	24468.4	25000	97.9	.8659710	90 - 110	P	10/20/2025	15:08	LB137590
	Thallium	4718.94	5000	94.4	2.5450502	90 - 110	P	10/20/2025	15:08	LB137590
	Vanadium	2446.01	2500	97.8	.4559202	90 - 110	P	10/20/2025	15:08	LB137590
	Zinc	2464.15	2500	98.6	.1896354	90 - 110	P	10/20/2025	15:08	LB137590

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB137590 SDG No.: LB137590
Contract: _____ Lab Code: CHEM Case No.: LB137590 SAS No.: LB137590
Initial Calibration Source: _____
Continuing Calibration Source: _____

Sample ID	Analyte	Result ug/L	True Value	% Recovery	% RSD	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Aluminum	9479.45	10000	94.8	.4615902	90 - 110	P	10/20/2025	16:05	LB137590
	Antimony	5084.21	5000	101.7	.5440505	90 - 110	P	10/20/2025	16:05	LB137590
	Arsenic	5016.72	5000	100.3	.2446875	90 - 110	P	10/20/2025	16:05	LB137590
	Barium	9294.04	10000	92.9	.4491652	90 - 110	P	10/20/2025	16:05	LB137590
	Beryllium	232.741	250	93.1	.2475472	90 - 110	P	10/20/2025	16:05	LB137590
	Cadmium	2426.84	2500	97.1	.3105370	90 - 110	P	10/20/2025	16:05	LB137590
	Calcium	23442.4	25000	93.8	.4067492	90 - 110	P	10/20/2025	16:05	LB137590
	Chromium	964.225	1000	96.4	.5512761	90 - 110	P	10/20/2025	16:05	LB137590
	Cobalt	2429.08	2500	97.2	.3889798	90 - 110	P	10/20/2025	16:05	LB137590
	Copper	1237.75	1250	99	.3550816	90 - 110	P	10/20/2025	16:05	LB137590
	Iron	4792.67	5000	95.9	.5472162	90 - 110	P	10/20/2025	16:05	LB137590
	Lead	4837.58	5000	96.8	.3318440	90 - 110	P	10/20/2025	16:05	LB137590
	Magnesium	23475.1	25000	93.9	.1992424	90 - 110	P	10/20/2025	16:05	LB137590
	Manganese	2308.75	2500	92.4	.7860252	90 - 110	P	10/20/2025	16:05	LB137590
	Nickel	2434.86	2500	97.4	.3399737	90 - 110	P	10/20/2025	16:05	LB137590
	Potassium	23857.7	25000	95.4	.6712737	90 - 110	P	10/20/2025	16:05	LB137590
	Selenium	5104.68	5000	102.1	.2849658	90 - 110	P	10/20/2025	16:05	LB137590
	Silver	1197.59	1250	95.8	.4108775	90 - 110	P	10/20/2025	16:05	LB137590
	Sodium	23104.7	25000	92.4	.4407878	90 - 110	P	10/20/2025	16:05	LB137590
	Thallium	4772.41	5000	95.4	.7142282	90 - 110	P	10/20/2025	16:05	LB137590
	Vanadium	2372.4	2500	94.9	.6819462	90 - 110	P	10/20/2025	16:05	LB137590
	Zinc	2423.91	2500	97	.3893570	90 - 110	P	10/20/2025	16:05	LB137590



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: LB137590 SDG No.: LB137590
Contract: _____ Lab Code: CHEM Case No.: LB137590 SAS No.: LB137590
Initial Calibration Source: _____
Continuing Calibration Source: _____

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Silver	10.2288	10.0	102.3	65 - 135	P	10/20/2025	12:54	LB137590
	Aluminum	100.661	100	100.7	65 - 135	P	10/20/2025	12:54	LB137590
	Arsenic	18.8557	20.0	94.3	65 - 135	P	10/20/2025	12:54	LB137590
	Barium	101.271	100	101.3	65 - 135	P	10/20/2025	12:54	LB137590
	Beryllium	6.345	6.0	105.8	65 - 135	P	10/20/2025	12:54	LB137590
	Calcium	2042.95	2000	102.1	65 - 135	P	10/20/2025	12:54	LB137590
	Cadmium	5.7877	6.0	96.5	65 - 135	P	10/20/2025	12:54	LB137590
	Cobalt	29.3241	30.0	97.7	65 - 135	P	10/20/2025	12:54	LB137590
	Chromium	10.2579	10.0	102.6	65 - 135	P	10/20/2025	12:54	LB137590
	Copper	21.5517	20.0	107.8	65 - 135	P	10/20/2025	12:54	LB137590
	Iron	99.2326	100	99.2	65 - 135	P	10/20/2025	12:54	LB137590
	Potassium	1891.3	2000	94.6	65 - 135	P	10/20/2025	12:54	LB137590
	Magnesium	2104.07	2000	105.2	65 - 135	P	10/20/2025	12:54	LB137590
	Manganese	21.2742	20.0	106.4	65 - 135	P	10/20/2025	12:54	LB137590
	Sodium	1863.96	2000	93.2	65 - 135	P	10/20/2025	12:54	LB137590
	Nickel	39.2352	40.0	98.1	65 - 135	P	10/20/2025	12:54	LB137590
	Lead	11.7609	12.0	98	65 - 135	P	10/20/2025	12:54	LB137590
	Antimony	49.8962	50.0	99.8	65 - 135	P	10/20/2025	12:54	LB137590
	Selenium	22.3326	20.0	111.7	65 - 135	P	10/20/2025	12:54	LB137590
	Thallium	42.0791	40.0	105.2	65 - 135	P	10/20/2025	12:54	LB137590
	Vanadium	39.2071	40.0	98	65 - 135	P	10/20/2025	12:54	LB137590
	Zinc	42.5479	40.0	106.4	65 - 135	P	10/20/2025	12:54	LB137590



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB137590

SDG No.: LB137590

Contract: _____

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	15.3083	+/-50	J	100	P	10/20/2025	12:50	LB137590
	Antimony	6.76	+/-25	U	50.0	P	10/20/2025	12:50	LB137590
	Arsenic	5.12	+/-10	U	20.0	P	10/20/2025	12:50	LB137590
	Barium	14.6	+/-50	U	100	P	10/20/2025	12:50	LB137590
	Beryllium	0.56	+/-3	U	6.0	P	10/20/2025	12:50	LB137590
	Cadmium	0.5	+/-3	U	6.0	P	10/20/2025	12:50	LB137590
	Calcium	234	+/-1000	U	2000	P	10/20/2025	12:50	LB137590
	Chromium	2.12	+/-5	U	10.0	P	10/20/2025	12:50	LB137590
	Cobalt	2.26	+/-15	U	30.0	P	10/20/2025	12:50	LB137590
	Copper	4.6	+/-10	U	20.0	P	10/20/2025	12:50	LB137590
	Iron	23.4	+/-50	U	100	P	10/20/2025	12:50	LB137590
	Lead	2.3	+/-6	U	12.0	P	10/20/2025	12:50	LB137590
	Magnesium	244	+/-1000	U	2000	P	10/20/2025	12:50	LB137590
	Manganese	5.94	+/-10	U	20.0	P	10/20/2025	12:50	LB137590
	Nickel	3.06	+/-20	U	40.0	P	10/20/2025	12:50	LB137590
	Potassium	918	+/-1000	U	2000	P	10/20/2025	12:50	LB137590
	Selenium	9.64	+/-10	U	20.0	P	10/20/2025	12:50	LB137590
	Silver	1.62	+/-5	U	10.0	P	10/20/2025	12:50	LB137590
	Sodium	868	+/-1000	U	2000	P	10/20/2025	12:50	LB137590
	Thallium	4.38	+/-20	U	40.0	P	10/20/2025	12:50	LB137590
	Vanadium	6.26	+/-20	U	40.0	P	10/20/2025	12:50	LB137590
	Zinc	16.7	+/-20	U	40.0	P	10/20/2025	12:50	LB137590

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB137590

SDG No.: LB137590

Contract: _____

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	11.8867	+/-50	J	100	P	10/20/2025	13:19	LB137590
	Antimony	6.76	+/-25	U	50.0	P	10/20/2025	13:19	LB137590
	Arsenic	5.12	+/-10	U	20.0	P	10/20/2025	13:19	LB137590
	Barium	14.6	+/-50	U	100	P	10/20/2025	13:19	LB137590
	Beryllium	0.56	+/-3	U	6.0	P	10/20/2025	13:19	LB137590
	Cadmium	0.5	+/-3	U	6.0	P	10/20/2025	13:19	LB137590
	Calcium	234	+/-1000	U	2000	P	10/20/2025	13:19	LB137590
	Chromium	2.12	+/-5	U	10.0	P	10/20/2025	13:19	LB137590
	Cobalt	2.26	+/-15	U	30.0	P	10/20/2025	13:19	LB137590
	Copper	4.6	+/-10	U	20.0	P	10/20/2025	13:19	LB137590
	Iron	23.4	+/-50	U	100	P	10/20/2025	13:19	LB137590
	Lead	2.3	+/-6	U	12.0	P	10/20/2025	13:19	LB137590
	Magnesium	244	+/-1000	U	2000	P	10/20/2025	13:19	LB137590
	Manganese	5.94	+/-10	U	20.0	P	10/20/2025	13:19	LB137590
	Nickel	3.06	+/-20	U	40.0	P	10/20/2025	13:19	LB137590
	Potassium	918	+/-1000	U	2000	P	10/20/2025	13:19	LB137590
	Selenium	9.64	+/-10	U	20.0	P	10/20/2025	13:19	LB137590
	Silver	1.62	+/-5	U	10.0	P	10/20/2025	13:19	LB137590
	Sodium	868	+/-1000	U	2000	P	10/20/2025	13:19	LB137590
	Thallium	4.38	+/-20	U	40.0	P	10/20/2025	13:19	LB137590
	Vanadium	6.26	+/-20	U	40.0	P	10/20/2025	13:19	LB137590
	Zinc	16.7	+/-20	U	40.0	P	10/20/2025	13:19	LB137590
CCB02	Aluminum	48.0338	+/-50	J	100	P	10/20/2025	14:23	LB137590
	Antimony	6.76	+/-25	U	50.0	P	10/20/2025	14:23	LB137590
	Arsenic	5.12	+/-10	U	20.0	P	10/20/2025	14:23	LB137590
	Barium	14.6	+/-50	U	100	P	10/20/2025	14:23	LB137590
	Beryllium	0.56	+/-3	U	6.0	P	10/20/2025	14:23	LB137590
	Cadmium	0.5	+/-3	U	6.0	P	10/20/2025	14:23	LB137590
	Calcium	234	+/-1000	U	2000	P	10/20/2025	14:23	LB137590
	Chromium	2.12	+/-5	U	10.0	P	10/20/2025	14:23	LB137590
	Cobalt	2.26	+/-15	U	30.0	P	10/20/2025	14:23	LB137590
	Copper	4.6	+/-10	U	20.0	P	10/20/2025	14:23	LB137590
	Iron	31.0221	+/-50	J	100	P	10/20/2025	14:23	LB137590
	Lead	2.3	+/-6	U	12.0	P	10/20/2025	14:23	LB137590
	Magnesium	244	+/-1000	U	2000	P	10/20/2025	14:23	LB137590
	Manganese	5.94	+/-10	U	20.0	P	10/20/2025	14:23	LB137590
	Nickel	3.06	+/-20	U	40.0	P	10/20/2025	14:23	LB137590
	Potassium	918	+/-1000	U	2000	P	10/20/2025	14:23	LB137590
	Selenium	9.64	+/-10	U	20.0	P	10/20/2025	14:23	LB137590

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB137590

SDG No.: LB137590

Contract: _____

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	10.0	P	10/20/2025	14:23	LB137590
	Sodium	868	+/-1000	U	2000	P	10/20/2025	14:23	LB137590
	Thallium	4.38	+/-20	U	40.0	P	10/20/2025	14:23	LB137590
	Vanadium	6.26	+/-20	U	40.0	P	10/20/2025	14:23	LB137590
	Zinc	16.7	+/-20	U	40.0	P	10/20/2025	14:23	LB137590
CCB03	Aluminum	20.2842	+/-50	J	100	P	10/20/2025	15:12	LB137590
	Antimony	6.76	+/-25	U	50.0	P	10/20/2025	15:12	LB137590
	Arsenic	5.12	+/-10	U	20.0	P	10/20/2025	15:12	LB137590
	Barium	14.6	+/-50	U	100	P	10/20/2025	15:12	LB137590
	Beryllium	0.56	+/-3	U	6.0	P	10/20/2025	15:12	LB137590
	Cadmium	0.5	+/-3	U	6.0	P	10/20/2025	15:12	LB137590
	Calcium	234	+/-1000	U	2000	P	10/20/2025	15:12	LB137590
	Chromium	2.12	+/-5	U	10.0	P	10/20/2025	15:12	LB137590
	Cobalt	2.26	+/-15	U	30.0	P	10/20/2025	15:12	LB137590
	Copper	4.6	+/-10	U	20.0	P	10/20/2025	15:12	LB137590
	Iron	33.6737	+/-50	J	100	P	10/20/2025	15:12	LB137590
	Lead	2.3	+/-6	U	12.0	P	10/20/2025	15:12	LB137590
	Magnesium	244	+/-1000	U	2000	P	10/20/2025	15:12	LB137590
	Manganese	5.94	+/-10	U	20.0	P	10/20/2025	15:12	LB137590
	Nickel	3.06	+/-20	U	40.0	P	10/20/2025	15:12	LB137590
	Potassium	918	+/-1000	U	2000	P	10/20/2025	15:12	LB137590
	Selenium	9.64	+/-10	U	20.0	P	10/20/2025	15:12	LB137590
	Silver	1.62	+/-5	U	10.0	P	10/20/2025	15:12	LB137590
	Sodium	868	+/-1000	U	2000	P	10/20/2025	15:12	LB137590
	Thallium	4.38	+/-20	U	40.0	P	10/20/2025	15:12	LB137590
	Vanadium	6.26	+/-20	U	40.0	P	10/20/2025	15:12	LB137590
	Zinc	16.7	+/-20	U	40.0	P	10/20/2025	15:12	LB137590
CCB04	Aluminum	30.503	+/-50	J	100	P	10/20/2025	16:09	LB137590
	Antimony	6.76	+/-25	U	50.0	P	10/20/2025	16:09	LB137590
	Arsenic	5.12	+/-10	U	20.0	P	10/20/2025	16:09	LB137590
	Barium	14.6	+/-50	U	100	P	10/20/2025	16:09	LB137590
	Beryllium	0.56	+/-3	U	6.0	P	10/20/2025	16:09	LB137590
	Cadmium	0.5	+/-3	U	6.0	P	10/20/2025	16:09	LB137590
	Calcium	234	+/-1000	U	2000	P	10/20/2025	16:09	LB137590
	Chromium	2.12	+/-5	U	10.0	P	10/20/2025	16:09	LB137590
	Cobalt	2.26	+/-15	U	30.0	P	10/20/2025	16:09	LB137590
	Copper	4.6	+/-10	U	20.0	P	10/20/2025	16:09	LB137590
	Iron	24.2433	+/-50	J	100	P	10/20/2025	16:09	LB137590
	Lead	2.3	+/-6	U	12.0	P	10/20/2025	16:09	LB137590

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB137590

SDG No.: LB137590

Contract: _____

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	2000	P	10/20/2025	16:09	LB137590
	Manganese	5.94	+/-10	U	20.0	P	10/20/2025	16:09	LB137590
	Nickel	3.06	+/-20	U	40.0	P	10/20/2025	16:09	LB137590
	Potassium	918	+/-1000	U	2000	P	10/20/2025	16:09	LB137590
	Selenium	9.64	+/-10	U	20.0	P	10/20/2025	16:09	LB137590
	Silver	1.62	+/-5	U	10.0	P	10/20/2025	16:09	LB137590
	Sodium	868	+/-1000	U	2000	P	10/20/2025	16:09	LB137590
	Thallium	4.38	+/-20	U	40.0	P	10/20/2025	16:09	LB137590
	Vanadium	6.26	+/-20	U	40.0	P	10/20/2025	16:09	LB137590
	Zinc	16.7	+/-20	U	40.0	P	10/20/2025	16:09	LB137590



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Reviewed By:jaswal
On:10/22/2025
11:54:40 AM
Inst Id :P4
LB :LB137590

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB137590

SDG No.: LB137590

Contract: _____

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
-----------	---------	----------------	---------------------	--------------	------	---	------------------	------------------	---------------

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: LB137590

SDG No.: LB137590

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170081TB	WATER			Batch Number:	PB170112		Prep Date:	10/15/2025	
	Aluminum	62.8	<250	J	500	P	10/20/2025	13:37	LB137590
	Antimony	33.8	<125	U	250	P	10/20/2025	13:37	LB137590
	Arsenic	25.6	<50	U	100	P	10/20/2025	13:37	LB137590
	Barium	72.8	<250	U	500	P	10/20/2025	13:37	LB137590
	Beryllium	2.8	<15	U	30	P	10/20/2025	13:37	LB137590
	Cadmium	2.5	<15	U	30	P	10/20/2025	13:37	LB137590
	Calcium	1170	<5000	U	10000	P	10/20/2025	13:37	LB137590
	Chromium	19.1	<25	J	50	P	10/20/2025	13:37	LB137590
	Cobalt	11.3	<75	U	150	P	10/20/2025	13:37	LB137590
	Copper	23	<50	U	100	P	10/20/2025	13:37	LB137590
	Iron	158	<250	J	500	P	10/20/2025	13:37	LB137590
	Lead	11.5	<30	U	60	P	10/20/2025	13:37	LB137590
	Magnesium	3070	<5000	J	10000	P	10/20/2025	13:37	LB137590
	Manganese	29.7	<50	U	100	P	10/20/2025	13:37	LB137590
	Nickel	15.3	<100	U	200	P	10/20/2025	13:37	LB137590
	Potassium	5000	<5000	J	10000	P	10/20/2025	13:37	LB137590
	Selenium	48.2	<50	U	100	P	10/20/2025	13:37	LB137590
	Silver	8.1	<25	U	50	P	10/20/2025	13:37	LB137590
	Sodium	1540000	<5000	*	10000	P	10/20/2025	13:37	LB137590
	Thallium	21.9	<100	U	200	P	10/20/2025	13:37	LB137590
	Vanadium	31.3	<100	U	200	P	10/20/2025	13:37	LB137590
	Zinc	83.3	<100	U	200	P	10/20/2025	13:37	LB137590
Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170116TB	WATER			Batch Number:	PB170132		Prep Date:	10/16/2025	
	Aluminum	56.7	<250	U	500	P	10/20/2025	13:42	LB137590
	Antimony	33.8	<125	U	250	P	10/20/2025	13:42	LB137590
	Arsenic	25.6	<50	U	100	P	10/20/2025	13:42	LB137590
	Barium	72.8	<250	U	500	P	10/20/2025	13:42	LB137590
	Beryllium	2.8	<15	U	30	P	10/20/2025	13:42	LB137590
	Cadmium	2.5	<15	U	30	P	10/20/2025	13:42	LB137590
	Calcium	1170	<5000	U	10000	P	10/20/2025	13:42	LB137590
	Chromium	15.9	<25	J	50	P	10/20/2025	13:42	LB137590
	Cobalt	11.3	<75	U	150	P	10/20/2025	13:42	LB137590
	Copper	23	<50	U	100	P	10/20/2025	13:42	LB137590
	Iron	121	<250	J	500	P	10/20/2025	13:42	LB137590
	Lead	11.5	<30	U	60	P	10/20/2025	13:42	LB137590
	Magnesium	3030	<5000	J	10000	P	10/20/2025	13:42	LB137590
	Manganese	29.7	<50	U	100	P	10/20/2025	13:42	LB137590
	Nickel	15.3	<100	U	200	P	10/20/2025	13:42	LB137590

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: LB137590

SDG No.: LB137590

Instrument: P4

	Potassium	5350	<5000	J*	10000	P	10/20/2025	13:42	LB137590
	Selenium	48.2	<50	U	100	P	10/20/2025	13:42	LB137590
	Silver	8.1	<25	U	50	P	10/20/2025	13:42	LB137590
	Sodium	1480000	<5000	*	10000	P	10/20/2025	13:42	LB137590
	Thallium	21.9	<100	U	200	P	10/20/2025	13:42	LB137590
	Vanadium	31.3	<100	U	200	P	10/20/2025	13:42	LB137590
	Zinc	83.3	<100	U	200	P	10/20/2025	13:42	LB137590
Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB170151BL	SOLID			Batch Number:	PB170151		Prep Date:	10/20/2025	
	Aluminum	0.84	<2.5	U	5	P	10/20/2025	13:46	LB137590
	Antimony	0.22	<1.25	U	2.5	P	10/20/2025	13:46	LB137590
	Arsenic	0.19	<0.5	U	1	P	10/20/2025	13:46	LB137590
	Barium	0.73	<2.5	U	5	P	10/20/2025	13:46	LB137590
	Beryllium	0.025	<0.15	U	0.3	P	10/20/2025	13:46	LB137590
	Cadmium	0.024	<0.15	U	0.3	P	10/20/2025	13:46	LB137590
	Calcium	11.1	<50	U	100	P	10/20/2025	13:46	LB137590
	Chromium	0.047	<0.25	U	0.5	P	10/20/2025	13:46	LB137590
	Cobalt	0.1	<0.75	U	1.5	P	10/20/2025	13:46	LB137590
	Copper	0.22	<0.5	U	1	P	10/20/2025	13:46	LB137590
	Iron	3.99	<2.5	U	5	P	10/20/2025	13:46	LB137590
	Lead	0.13	<0.3	U	0.6	P	10/20/2025	13:46	LB137590
	Magnesium	12	<50	U	100	P	10/20/2025	13:46	LB137590
	Manganese	0.14	<0.5	U	1	P	10/20/2025	13:46	LB137590
	Nickel	0.13	<1	U	2	P	10/20/2025	13:46	LB137590
	Potassium	27.7	<50	U	100	P	10/20/2025	13:46	LB137590
	Selenium	0.26	<0.5	U	1	P	10/20/2025	13:46	LB137590
	Silver	0.12	<0.25	U	0.5	P	10/20/2025	13:46	LB137590
	Sodium	17.8	<50	U	100	P	10/20/2025	13:46	LB137590
	Thallium	0.23	<1	U	2	P	10/20/2025	13:46	LB137590
	Vanadium	0.25	<1	U	2	P	10/20/2025	13:46	LB137590
	Zinc	0.317	<1	J	2	P	10/20/2025	13:46	LB137590

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: LB137590 **SDG No.:** LB137590
Contract: **Lab Code:** CHEM **Case No.:** LB137590 **SAS No.:** LB137590
ICS Source: **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window	Analysis Date	Analysis Time	Run Number
ICSA01	Aluminum	264000	255000	103.5	216000 - 294000%	10/20/2025	12:58	LB137590
	Antimony	5.55				10/20/2025	12:58	LB137590
	Arsenic	5.9				10/20/2025	12:58	LB137590
	Barium	7.75	6	129.2	-94 - 106%	10/20/2025	12:58	LB137590
	Beryllium	1.11				10/20/2025	12:58	LB137590
	Cadmium	1.26	1	126	-5 - 7%	10/20/2025	12:58	LB137590
	Calcium	248000	245000	101.2	208000 - 282000%	10/20/2025	12:58	LB137590
	Chromium	49.3	52	94.8	42 - 62%	10/20/2025	12:58	LB137590
	Cobalt	2.22				10/20/2025	12:58	LB137590
	Copper	21.3	2	1065	-18 - 22%	10/20/2025	12:58	LB137590
	Iron	105000	101000	104	85600 - 116500%	10/20/2025	12:58	LB137590
	Lead	-1.02				10/20/2025	12:58	LB137590
	Magnesium	264000	255000	103.5	216000 - 294000%	10/20/2025	12:58	LB137590
	Manganese	6.38	7	91.1	-13 - 27%	10/20/2025	12:58	LB137590
	Nickel	3.72	2	186	-38 - 42%	10/20/2025	12:58	LB137590
	Potassium	258				10/20/2025	12:58	LB137590
	Selenium	5.32				10/20/2025	12:58	LB137590
	Silver	-4.57				10/20/2025	12:58	LB137590
	Sodium	5.79				10/20/2025	12:58	LB137590
	Thallium	16.9				10/20/2025	12:58	LB137590
	Vanadium	2.74				10/20/2025	12:58	LB137590
	Zinc	3.47				10/20/2025	12:58	LB137590
ICSAB01	Aluminum	249000	247000	100.8	209000 - 285000%	10/20/2025	13:03	LB137590
	Antimony	606	618	98.1	525 - 711%	10/20/2025	13:03	LB137590
	Arsenic	107	104	102.9	88.4 - 120%	10/20/2025	13:03	LB137590
	Barium	493	537	91.8	437 - 637%	10/20/2025	13:03	LB137590
	Beryllium	509	495	102.8	420 - 570%	10/20/2025	13:03	LB137590
	Cadmium	992	972	102.1	826 - 1120%	10/20/2025	13:03	LB137590
	Calcium	235000	235000	100	199000 - 271000%	10/20/2025	13:03	LB137590
	Chromium	553	542	102	460 - 624%	10/20/2025	13:03	LB137590
	Cobalt	502	476	105.5	404 - 548%	10/20/2025	13:03	LB137590
	Copper	495	511	96.9	434 - 588%	10/20/2025	13:03	LB137590
	Iron	100000	99300	100.7	84400 - 114500%	10/20/2025	13:03	LB137590
	Lead	47	49	95.9	37 - 61%	10/20/2025	13:03	LB137590
	Magnesium	250000	248000	100.8	210000 - 286000%	10/20/2025	13:03	LB137590
	Manganese	490	507	96.6	430 - 584%	10/20/2025	13:03	LB137590
	Nickel	994	954	104.2	810 - 1100%	10/20/2025	13:03	LB137590
	Potassium	156				10/20/2025	13:03	LB137590
	Selenium	60.1	46	130.7	26 - 66%	10/20/2025	13:03	LB137590
	Silver	205	201	102	170 - 232%	10/20/2025	13:03	LB137590
	Sodium	4.24				10/20/2025	13:03	LB137590
	Thallium	120	108	111.1	68 - 148%	10/20/2025	13:03	LB137590
	Vanadium	481	491	98	417 - 565%	10/20/2025	13:03	LB137590

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: LB137590 **SDG No.:** LB137590
Contract: **Lab Code:** CHEM **Case No.:** LB137590 **SAS No.:** LB137590
ICS Source: **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window	Analysis Date	Analysis Time	Run Number
ICSAB01	Zinc	1040	952	109.2	809 - 1095%	10/20/2025	13:03	LB137590
ICSABDL	Aluminum	248000	247000	100.4	209000 - 285000%	10/20/2025	13:11	LB137590
	Antimony	606	618	98.1	525 - 711%	10/20/2025	13:11	LB137590
	Arsenic	88.8	104	85.4	88.4 - 120%	10/20/2025	13:11	LB137590
	Barium	565	537	105.2	437 - 637%	10/20/2025	13:11	LB137590
	Beryllium	521	495	105.3	420 - 570%	10/20/2025	13:11	LB137590
	Cadmium	956	972	98.4	826 - 1120%	10/20/2025	13:11	LB137590
	Calcium	242000	235000	103	199000 - 271000%	10/20/2025	13:11	LB137590
	Chromium	558	542	103	460 - 624%	10/20/2025	13:11	LB137590
	Cobalt	482	476	101.3	404 - 548%	10/20/2025	13:11	LB137590
	Copper	534	511	104.5	434 - 588%	10/20/2025	13:11	LB137590
	Iron	96100	99300	96.8	84400 - 114500%	10/20/2025	13:11	LB137590
	Lead	61.2	49	124.9	37 - 61%	10/20/2025	13:11	LB137590
	Magnesium	254000	248000	102.4	210000 - 286000%	10/20/2025	13:11	LB137590
	Manganese	514	507	101.4	430 - 584%	10/20/2025	13:11	LB137590
	Nickel	977	954	102.4	810 - 1100%	10/20/2025	13:11	LB137590
	Potassium	-3070				10/20/2025	13:11	LB137590
	Selenium	49.6	46	107.8	26 - 66%	10/20/2025	13:11	LB137590
	Silver	195	201	97	170 - 232%	10/20/2025	13:11	LB137590
	Sodium	-1840				10/20/2025	13:11	LB137590
	Thallium	99.6	108	92.2	68 - 148%	10/20/2025	13:11	LB137590
	Vanadium	478	491	97.4	417 - 565%	10/20/2025	13:11	LB137590
	Zinc	1040	952	109.2	809 - 1095%	10/20/2025	13:11	LB137590
ICSADL	Aluminum	246000	255000	96.5	216000 - 294000%	10/20/2025	13:07	LB137590
	Antimony	-3.82				10/20/2025	13:07	LB137590
	Arsenic	-18				10/20/2025	13:07	LB137590
	Barium	46	6	766.7	-94 - 106%	10/20/2025	13:07	LB137590
	Beryllium	2.67				10/20/2025	13:07	LB137590
	Cadmium	0.604	1	60.4	-5 - 7%	10/20/2025	13:07	LB137590
	Calcium	239000	245000	97.6	208000 - 282000%	10/20/2025	13:07	LB137590
	Chromium	38.1	52	73.3	42 - 62%	10/20/2025	13:07	LB137590
	Cobalt	4.39				10/20/2025	13:07	LB137590
	Copper	75	2	3750	-18 - 22%	10/20/2025	13:07	LB137590
	Iron	95200	101000	94.3	85600 - 116500%	10/20/2025	13:07	LB137590
	Lead	-10.94				10/20/2025	13:07	LB137590
	Magnesium	250000	255000	98	216000 - 294000%	10/20/2025	13:07	LB137590
	Manganese	8.09	7	115.6	-13 - 27%	10/20/2025	13:07	LB137590
	Nickel	6.11	2	305.5	-38 - 42%	10/20/2025	13:07	LB137590
	Potassium	-1980				10/20/2025	13:07	LB137590
	Selenium	34.2				10/20/2025	13:07	LB137590
	Silver	-5.08				10/20/2025	13:07	LB137590
	Sodium	-2350				10/20/2025	13:07	LB137590
	Thallium	-9.06				10/20/2025	13:07	LB137590

Metals

- 4 -

INTERFERENCE CHECK SAMPLE

Client: LB137590 **SDG No.:** LB137590
Contract: **Lab Code:** CHEM **Case No.:** LB137590 **SAS No.:** LB137590
ICS Source: **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window	Analysis Date	Analysis Time	Run Number
ICSADL	Vanadium	-33.3				10/20/2025	13:07	LB137590
	Zinc	2.52				10/20/2025	13:07	LB137590

metals
- 5a -
MATRIX SPIKE SUMMARY

client: LB137590 **level:** low **sdg no.:** LB137590
contract: **lab code:** CHEM
matrix: Solid **sample id:** Q3392-05 **client id:** MH-19MS

Percent Solids for Sample: 87.4 **Spiked ID:** Q3392-05MS **Percent Solids for Spike Sample:** 87.4

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	8600		7600		110	913		P
Antimony	mg/Kg	75 - 125	18.4		0.287	J	42.8	42	N	P
Arsenic	mg/Kg	75 - 125	35.2		2.66		42.8	76		P
Barium	mg/Kg	75 - 125	55.1		46.8		10.7	77		P
Beryllium	mg/Kg	75 - 125	8.8		0.445		10.7	78		P
Cadmium	mg/Kg	75 - 125	10.3		0.354		10.7	93		P
Calcium	mg/Kg	75 - 125	945		864		53.5	151		P
Chromium	mg/Kg	75 - 125	25.3		8.08		21.4	80		P
Cobalt	mg/Kg	75 - 125	15.8		5.4		10.7	97		P
Copper	mg/Kg	75 - 125	22.3		10.03		16	77		P
Iron	mg/Kg	75 - 125	11900		11500		160	209		P
Lead	mg/Kg	75 - 125	63		16.3		53.5	87		P
Magnesium	mg/Kg	75 - 125	1510		1300		110	189		P
Manganese	mg/Kg	75 - 125	258		262		10.7	-37		P
Nickel	mg/Kg	75 - 125	35.2		9.46		26.7	96		P
Potassium	mg/Kg	75 - 125	980		453		530	99		P
Selenium	mg/Kg	75 - 125	80.2		0.345	J	110	73	N	P
Silver	mg/Kg	75 - 125	2.69		0.515	U	4	67.3	N	P
Sodium	mg/Kg	75 - 125	529		375		160	97		P
Thallium	mg/Kg	75 - 125	96.8		2.06	U	110	88		P
Vanadium	mg/Kg	75 - 125	29.1		15.9		16	83		P
Zinc	mg/Kg	75 - 125	39.7		29.3		10.7	98		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB137590 **level:** low **sdg no.:** LB137590
contract: **lab code:** CHEM
matrix: Solid **sample id:** Q3392-05 **client id:** MH-19MSD

Percent Solids for Sample: 87.4 **Spiked ID:** Q3392-05MSD **Percent Solids for Spike Sample:** 87.4

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	8670		7600		100	1074		P
Antimony	mg/Kg	75 - 125	17.2		0.287	J	40.1	42	N	P
Arsenic	mg/Kg	75 - 125	33		2.66		40.1	76		P
Barium	mg/Kg	75 - 125	55.5		46.8		10	87		P
Beryllium	mg/Kg	75 - 125	8.06		0.445		10	76		P
Cadmium	mg/Kg	75 - 125	9.8		0.354		10	94		P
Calcium	mg/Kg	75 - 125	938		864		50.2	148		P
Chromium	mg/Kg	75 - 125	24.2		8.08		20.1	80		P
Cobalt	mg/Kg	75 - 125	15.5		5.4		10	101		P
Copper	mg/Kg	75 - 125	21		10.03		15.1	73	N	P
Iron	mg/Kg	75 - 125	12300		11500		150	497		P
Lead	mg/Kg	75 - 125	61.5		16.3		50.2	90		P
Magnesium	mg/Kg	75 - 125	1520		1300		100	215		P
Manganese	mg/Kg	75 - 125	266		262		10	40		P
Nickel	mg/Kg	75 - 125	34		9.46		25.1	98		P
Potassium	mg/Kg	75 - 125	963		453		500	102		P
Selenium	mg/Kg	75 - 125	73.8		0.345	J	100	73	N	P
Silver	mg/Kg	75 - 125	2.53		0.515	U	3.8	66.6	N	P
Sodium	mg/Kg	75 - 125	538		375		150	109		P
Thallium	mg/Kg	75 - 125	94.9		2.06	U	100	94.9		P
Vanadium	mg/Kg	75 - 125	28.2		15.9		15.1	82		P
Zinc	mg/Kg	75 - 125	37.8		29.3		10	85		P

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: LB137590 **SDG No.:** LB137590
Contract: **Lab Code:** CHEM
Matrix: Solid **Level:** LOW **Client ID:** MH-19A
Sample ID: Q3392-05 **Spiked ID:** Q3392-05A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	mg/Kg	75 - 125	30.8		0.287	J	41.2	74	N	P
Copper	mg/Kg	75 - 125	21		10.03		15.5	71	N	P
Selenium	mg/Kg	75 - 125	74.2		0.345	J	100	74	N	P
Silver	mg/Kg	75 - 125	2.45		0.515	U	3.9	62.8	N	P

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB137590 **Level:** LOW **SDG No.:** LB137590
Contract: **Lab Code:** CHEM
Matrix: Solid **Sample ID:** Q3392-05 **Client ID:** MH-19DUP
Percent Solids for Sample: 87.4 **Duplicate ID** Q3392-05DUP **Percent Solids for Spike Sample:** 87.4

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	7600		7830		3		P
Antimony	mg/Kg	20	0.287	J	0.292	J	2		P
Arsenic	mg/Kg	20	2.66		2.63		1		P
Barium	mg/Kg	20	46.8		47.5		1		P
Beryllium	mg/Kg	20	0.445		0.466		5		P
Cadmium	mg/Kg	20	0.354		0.343		3		P
Calcium	mg/Kg	20	864		833		4		P
Chromium	mg/Kg	20	8.08		8.12		0		P
Cobalt	mg/Kg	20	5.4		5.51		2		P
Copper	mg/Kg	20	10.03		9.89		1		P
Iron	mg/Kg	20	11500		11800		3		P
Lead	mg/Kg	20	16.3		16.1		1		P
Magnesium	mg/Kg	20	1300		1330		2		P
Manganese	mg/Kg	20	262		256		2		P
Nickel	mg/Kg	20	9.46		9.39		1		P
Potassium	mg/Kg	20	453		482		6		P
Selenium	mg/Kg	20	0.345	J	0.332	J	4		P
Silver	mg/Kg	20	0.515	U	-0.399	U			P
Sodium	mg/Kg	20	375		378		1		P
Thallium	mg/Kg	20	2.06	U	-0.334	U			P
Vanadium	mg/Kg	20	15.9		15.9		0		P
Zinc	mg/Kg	20	29.3		31.2		6		P

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB137590 **Level:** LOW **SDG No.:** LB137590
Contract: **Lab Code:** CHEM
Matrix: Solid **Sample ID:** Q3392-05MS **Client ID:** MH-19MSD
Percent Solids for Sample: 87.4 **Duplicate ID** Q3392-05MSD **Percent Solids for Spike Sample:** 87.4

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	8600		8670		1		P
Antimony	mg/Kg	20	18.4		17.2		7		P
Arsenic	mg/Kg	20	35.2		33		6		P
Barium	mg/Kg	20	55.1		55.5		1		P
Beryllium	mg/Kg	20	8.8		8.06		9		P
Cadmium	mg/Kg	20	10.3		9.8		5		P
Calcium	mg/Kg	20	945		938		1		P
Chromium	mg/Kg	20	25.3		24.2		4		P
Cobalt	mg/Kg	20	15.8		15.5		2		P
Copper	mg/Kg	20	22.3		21		6		P
Iron	mg/Kg	20	11900		12300		3		P
Lead	mg/Kg	20	63		61.5		2		P
Magnesium	mg/Kg	20	1510		1520		1		P
Manganese	mg/Kg	20	258		266		3		P
Nickel	mg/Kg	20	35.2		34		3		P
Potassium	mg/Kg	20	980		963		2		P
Selenium	mg/Kg	20	80.2		73.8		8		P
Silver	mg/Kg	20	2.69		2.53		6		P
Sodium	mg/Kg	20	529		538		2		P
Thallium	mg/Kg	20	96.8		94.9		2		P
Vanadium	mg/Kg	20	29.1		28.2		3		P
Zinc	mg/Kg	20	39.7		37.8		5		P

Metals

- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client:	<u>LB137590</u>	SDG No.:	<u>LB137590</u>
Contract:	<u></u>	Lab Code:	<u>CHEM</u>

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170151BS							
Aluminum	mg/Kg	100	97.1		97.1	80 - 120	P
Antimony	mg/Kg	40	38.9		97.3	80 - 120	P
Arsenic	mg/Kg	40	38.1		95.3	80 - 120	P
Barium	mg/Kg	10	9.46		94.6	80 - 120	P
Beryllium	mg/Kg	10	9.78		97.8	80 - 120	P
Cadmium	mg/Kg	10	9.11		91.1	80 - 120	P
Calcium	mg/Kg	50	49.7	J	99.4	80 - 120	P
Chromium	mg/Kg	20	19.5		97.5	80 - 120	P
Cobalt	mg/Kg	10	9.31		93.1	80 - 120	P
Copper	mg/Kg	15	15		100	80 - 120	P
Iron	mg/Kg	150	148		98.7	80 - 120	P
Lead	mg/Kg	50	45.4		90.8	80 - 120	P
Magnesium	mg/Kg	100	95.8	J	95.8	80 - 120	P
Manganese	mg/Kg	10	9.87		98.7	80 - 120	P
Nickel	mg/Kg	25	23.4		93.6	80 - 120	P
Potassium	mg/Kg	500	484		96.8	80 - 120	P
Selenium	mg/Kg	100	96.7		96.7	80 - 120	P
Silver	mg/Kg	3.8	3.53		92.9	80 - 120	P
Sodium	mg/Kg	150	148		98.7	80 - 120	P
Thallium	mg/Kg	100	92.8		92.8	80 - 120	P
Vanadium	mg/Kg	15	14.5		96.7	80 - 120	P
Zinc	mg/Kg	10	10.56		105.6	80 - 120	P

Metals
-9 -
ICP SERIAL DILUTIONS

SAMPLE NO.

MH-19L

Lab Name: Alliance **Contract:** _____
Lab Code: CHEM **Lb No.:** _____ **Lab Sample ID :** Q3392-05L **SDG No.:** LB137590
Matrix (soil/water): Solid **Level (low/med):** LOW
Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Differ- ence	Q	M
Aluminum	7600		9920		-31		P
Antimony	0.287	J	-0.039	U	100.0		P
Arsenic	2.66		3.11	J	-17		P
Barium	46.8		60.1		-28		P
Beryllium	0.445		0.592	J	-33		P
Cadmium	0.354		0.115	U	100.0		P
Calcium	864		1110		-28		P
Chromium	8.08		10.16		-26		P
Cobalt	5.4		5.45	J	-1		P
Copper	10.03		13.7		-37		P
Iron	11500		14100		-22		P
Lead	16.3		17.4		-7		P
Magnesium	1300		1700		-31		P
Manganese	262		348		-33		P
Nickel	9.46		9.72	J	-3		P
Potassium	453		597		-32		P
Selenium	0.345	J	0.271	U	100.0		P
Silver	0.515	U	-0.626	U			P
Sodium	375		481	J	-28		P
Thallium	2.06	U	-0.85	U			P
Vanadium	15.9		19.8		-25		P
Zinc	29.3		36.4		-25		P



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Hit Summary Sheet SW-846

SDG No.: LB137590

Order ID: LB137590

Client: LB137590

Project ID: LB137590

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : DRUM-1								
Q3357-01	DRUM-1	Water	Aluminum	5		56.7	500	ug/L
Q3357-01	DRUM-1	Water	Barium	20		72.8	500	ug/L
Q3357-01	DRUM-1	Water	Beryllium	25	J	2.8	30	ug/L
Q3357-01	DRUM-1	Water	Calcium	40		1170	10000	ug/L
Q3357-01	DRUM-1	Water	Cobalt	50	J	11.3	150	ug/L
Q3357-01	DRUM-1	Water	Chromium	45		10.6	50	ug/L
Q3357-01	DRUM-1	Water	Copper	55		23	100	ug/L
Q3357-01	DRUM-1	Water	Iron	60		117	500	ug/L
Q3357-01	DRUM-1	Water	Magnesium	70	J	1220	10000	ug/L
Q3357-01	DRUM-1	Water	Manganese	75		29.7	100	ug/L
Q3357-01	DRUM-1	Water	Sodium	120		4340	10000	ug/L
Q3357-01	DRUM-1	Water	Nickel	81	J	15.3	200	ug/L
Q3357-01	DRUM-1	Water	Lead	65	J	11.5	60	ug/L
Q3357-01	DRUM-1	Water	Zinc	170		83.3	200	ug/L
Client ID : TR-06-101625								
Q3366-01	TR-06-101625	Solid	Aluminum	5		0.85	5.06	mg/Kg
Q3366-01	TR-06-101625	Solid	Arsenic	15		0.192	1.01	mg/Kg
Q3366-01	TR-06-101625	Solid	Barium	20		0.739	5.06	mg/Kg
Q3366-01	TR-06-101625	Solid	Beryllium	25		0.025	0.304	mg/Kg
Q3366-01	TR-06-101625	Solid	Calcium	40		11.2	101	mg/Kg
Q3366-01	TR-06-101625	Solid	Cadmium	35	J	0.024	0.304	mg/Kg
Q3366-01	TR-06-101625	Solid	Cobalt	50		0.101	1.52	mg/Kg
Q3366-01	TR-06-101625	Solid	Chromium	45		0.048	0.506	mg/Kg
Q3366-01	TR-06-101625	Solid	Copper	55		0.223	1.01	mg/Kg
Q3366-01	TR-06-101625	Solid	Iron	60		4.04	5.06	mg/Kg
Q3366-01	TR-06-101625	Solid	Potassium	82		28	101	mg/Kg
Q3366-01	TR-06-101625	Solid	Magnesium	70		12.1	101	mg/Kg
Q3366-01	TR-06-101625	Solid	Manganese	75		0.142	1.01	mg/Kg
Q3366-01	TR-06-101625	Solid	Sodium	120		18	101	mg/Kg
Q3366-01	TR-06-101625	Solid	Nickel	81		0.132	2.02	mg/Kg
Q3366-01	TR-06-101625	Solid	Lead	65		0.132	0.607	mg/Kg
Q3366-01	TR-06-101625	Solid	Antimony	10	J	0.223	2.53	mg/Kg
Q3366-01	TR-06-101625	Solid	Vanadium	160		0.253	2.02	mg/Kg
Q3366-01	TR-06-101625	Solid	Zinc	170		0.233	2.02	mg/Kg
Client ID : TR-1-101625								
Q3366-03	TR-1-101625	Solid	Aluminum	5		0.816	4.86	mg/Kg

Hit Summary Sheet SW-846

SDG No.: LB137590

Order ID: LB137590

Client: LB137590

Project ID: LB137590

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3366-03	TR-1-101625	Solid	Arsenic	15		0.185	0.972	mg/Kg
Q3366-03	TR-1-101625	Solid	Barium	20		0.709	4.86	mg/Kg
Q3366-03	TR-1-101625	Solid	Beryllium	25		0.024	0.292	mg/Kg
Q3366-03	TR-1-101625	Solid	Calcium	40		10.79	97.2	mg/Kg
Q3366-03	TR-1-101625	Solid	Cadmium	35	J	0.023	0.292	mg/Kg
Q3366-03	TR-1-101625	Solid	Cobalt	50		0.097	1.46	mg/Kg
Q3366-03	TR-1-101625	Solid	Chromium	45		0.046	0.486	mg/Kg
Q3366-03	TR-1-101625	Solid	Copper	55		0.214	0.972	mg/Kg
Q3366-03	TR-1-101625	Solid	Iron	60		3.88	4.86	mg/Kg
Q3366-03	TR-1-101625	Solid	Potassium	82		26.9	97.2	mg/Kg
Q3366-03	TR-1-101625	Solid	Magnesium	70		11.7	97.2	mg/Kg
Q3366-03	TR-1-101625	Solid	Manganese	75		0.136	0.972	mg/Kg
Q3366-03	TR-1-101625	Solid	Sodium	120		17.3	97.2	mg/Kg
Q3366-03	TR-1-101625	Solid	Nickel	81		0.126	1.94	mg/Kg
Q3366-03	TR-1-101625	Solid	Lead	65		0.126	0.583	mg/Kg
Q3366-03	TR-1-101625	Solid	Antimony	10	J	0.214	2.43	mg/Kg
Q3366-03	TR-1-101625	Solid	Vanadium	160		0.243	1.94	mg/Kg
Q3366-03	TR-1-101625	Solid	Zinc	170		0.223	1.94	mg/Kg
Client ID : BU-03-101625								
Q3367-01	BU-03-101625	Solid	Aluminum	5		0.758	4.51	mg/Kg
Q3367-01	BU-03-101625	Solid	Arsenic	15		0.172	0.903	mg/Kg
Q3367-01	BU-03-101625	Solid	Barium	20		0.659	4.51	mg/Kg
Q3367-01	BU-03-101625	Solid	Beryllium	25		0.023	0.271	mg/Kg
Q3367-01	BU-03-101625	Solid	Calcium	40		10.02	90.3	mg/Kg
Q3367-01	BU-03-101625	Solid	Cadmium	35	J	0.022	0.271	mg/Kg
Q3367-01	BU-03-101625	Solid	Cobalt	50		0.09	1.35	mg/Kg
Q3367-01	BU-03-101625	Solid	Chromium	45		0.042	0.451	mg/Kg
Q3367-01	BU-03-101625	Solid	Copper	55		0.199	0.903	mg/Kg
Q3367-01	BU-03-101625	Solid	Iron	60		3.6	4.51	mg/Kg
Q3367-01	BU-03-101625	Solid	Potassium	82		25	90.3	mg/Kg
Q3367-01	BU-03-101625	Solid	Magnesium	70		10.83	90.3	mg/Kg
Q3367-01	BU-03-101625	Solid	Manganese	75		0.126	0.903	mg/Kg
Q3367-01	BU-03-101625	Solid	Sodium	120	J	16.1	90.3	mg/Kg
Q3367-01	BU-03-101625	Solid	Nickel	81		0.117	1.81	mg/Kg
Q3367-01	BU-03-101625	Solid	Lead	65		0.117	0.542	mg/Kg
Q3367-01	BU-03-101625	Solid	Antimony	10	J	0.199	2.26	mg/Kg
Q3367-01	BU-03-101625	Solid	Vanadium	160		0.226	1.81	mg/Kg
Q3367-01	BU-03-101625	Solid	Zinc	170		0.208	1.81	mg/Kg

Client ID : MH-22

Hit Summary Sheet
SW-846

SDG No.: LB137590

Order ID: LB137590

Client: LB137590

Project ID: LB137590

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3369-01	MH-22	Solid	Aluminum	5		0.798	4.75	mg/Kg
Q3369-01	MH-22	Solid	Arsenic	15		0.181	0.95	mg/Kg
Q3369-01	MH-22	Solid	Barium	20		0.694	4.75	mg/Kg
Q3369-01	MH-22	Solid	Beryllium	25		0.024	0.285	mg/Kg
Q3369-01	MH-22	Solid	Calcium	40		10.55	95	mg/Kg
Q3369-01	MH-22	Solid	Cadmium	35		0.023	0.285	mg/Kg
Q3369-01	MH-22	Solid	Cobalt	50		0.095	1.43	mg/Kg
Q3369-01	MH-22	Solid	Chromium	45		0.045	0.475	mg/Kg
Q3369-01	MH-22	Solid	Copper	55		0.209	0.95	mg/Kg
Q3369-01	MH-22	Solid	Iron	60		3.79	4.75	mg/Kg
Q3369-01	MH-22	Solid	Potassium	82		26.3	95	mg/Kg
Q3369-01	MH-22	Solid	Magnesium	70		11.4	95	mg/Kg
Q3369-01	MH-22	Solid	Manganese	75		0.133	0.95	mg/Kg
Q3369-01	MH-22	Solid	Sodium	120		16.9	95	mg/Kg
Q3369-01	MH-22	Solid	Nickel	81		0.124	1.9	mg/Kg
Q3369-01	MH-22	Solid	Lead	65		0.124	0.57	mg/Kg
Q3369-01	MH-22	Solid	Antimony	10	J	0.209	2.38	mg/Kg
Q3369-01	MH-22	Solid	Vanadium	160		0.238	1.9	mg/Kg
Q3369-01	MH-22	Solid	Zinc	170		0.219	1.9	mg/Kg
Client ID : MH-21								
Q3369-05	MH-21	Solid	Aluminum	5		0.817	4.86	mg/Kg
Q3369-05	MH-21	Solid	Arsenic	15		0.185	0.973	mg/Kg
Q3369-05	MH-21	Solid	Barium	20		0.71	4.86	mg/Kg
Q3369-05	MH-21	Solid	Beryllium	25		0.024	0.292	mg/Kg
Q3369-05	MH-21	Solid	Calcium	40		10.8	97.3	mg/Kg
Q3369-05	MH-21	Solid	Cadmium	35		0.023	0.292	mg/Kg
Q3369-05	MH-21	Solid	Cobalt	50		0.097	1.46	mg/Kg
Q3369-05	MH-21	Solid	Chromium	45		0.046	0.486	mg/Kg
Q3369-05	MH-21	Solid	Copper	55		0.214	0.973	mg/Kg
Q3369-05	MH-21	Solid	Iron	60		3.88	4.86	mg/Kg
Q3369-05	MH-21	Solid	Potassium	82		26.9	97.3	mg/Kg
Q3369-05	MH-21	Solid	Magnesium	70		11.7	97.3	mg/Kg
Q3369-05	MH-21	Solid	Manganese	75		0.136	0.973	mg/Kg
Q3369-05	MH-21	Solid	Sodium	120		17.3	97.3	mg/Kg
Q3369-05	MH-21	Solid	Nickel	81		0.126	1.95	mg/Kg
Q3369-05	MH-21	Solid	Lead	65		0.126	0.584	mg/Kg
Q3369-05	MH-21	Solid	Antimony	10	J	0.214	2.43	mg/Kg
Q3369-05	MH-21	Solid	Vanadium	160		0.243	1.95	mg/Kg
Q3369-05	MH-21	Solid	Zinc	170		0.224	1.95	mg/Kg

Hit Summary Sheet SW-846

SDG No.: LB137590

Order ID: LB137590

Client: LB137590

Project ID: LB137590

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : TP-4-WC								
Q3374-01	TP-4-WC	Solid	Aluminum	5		0.823	4.9	mg/Kg
Q3374-01	TP-4-WC	Solid	Arsenic	15		0.186	0.979	mg/Kg
Q3374-01	TP-4-WC	Solid	Barium	20		0.715	4.9	mg/Kg
Q3374-01	TP-4-WC	Solid	Beryllium	25		0.024	0.294	mg/Kg
Q3374-01	TP-4-WC	Solid	Calcium	40		10.87	97.9	mg/Kg
Q3374-01	TP-4-WC	Solid	Cadmium	35		0.024	0.294	mg/Kg
Q3374-01	TP-4-WC	Solid	Cobalt	50		0.098	1.47	mg/Kg
Q3374-01	TP-4-WC	Solid	Chromium	45		0.046	0.49	mg/Kg
Q3374-01	TP-4-WC	Solid	Copper	55		0.215	0.979	mg/Kg
Q3374-01	TP-4-WC	Solid	Iron	60		3.91	4.9	mg/Kg
Q3374-01	TP-4-WC	Solid	Potassium	82		27.1	97.9	mg/Kg
Q3374-01	TP-4-WC	Solid	Magnesium	70		11.8	97.9	mg/Kg
Q3374-01	TP-4-WC	Solid	Manganese	75		0.137	0.979	mg/Kg
Q3374-01	TP-4-WC	Solid	Sodium	120		17.4	97.9	mg/Kg
Q3374-01	TP-4-WC	Solid	Nickel	81		0.127	1.96	mg/Kg
Q3374-01	TP-4-WC	Solid	Lead	65		0.127	0.588	mg/Kg
Q3374-01	TP-4-WC	Solid	Antimony	10	J	0.215	2.45	mg/Kg
Q3374-01	TP-4-WC	Solid	Vanadium	160		0.245	1.96	mg/Kg
Q3374-01	TP-4-WC	Solid	Zinc	170		0.225	1.96	mg/Kg
Client ID : TP-5-WC								
Q3374-05	TP-5-WC	Solid	Aluminum	5		0.798	4.75	mg/Kg
Q3374-05	TP-5-WC	Solid	Arsenic	15		0.181	0.951	mg/Kg
Q3374-05	TP-5-WC	Solid	Barium	20		0.694	4.75	mg/Kg
Q3374-05	TP-5-WC	Solid	Beryllium	25		0.024	0.285	mg/Kg
Q3374-05	TP-5-WC	Solid	Calcium	40		10.55	95.1	mg/Kg
Q3374-05	TP-5-WC	Solid	Cadmium	35	J	0.023	0.285	mg/Kg
Q3374-05	TP-5-WC	Solid	Cobalt	50		0.095	1.43	mg/Kg
Q3374-05	TP-5-WC	Solid	Chromium	45		0.045	0.475	mg/Kg
Q3374-05	TP-5-WC	Solid	Copper	55		0.209	0.951	mg/Kg
Q3374-05	TP-5-WC	Solid	Iron	60		3.79	4.75	mg/Kg
Q3374-05	TP-5-WC	Solid	Potassium	82		26.3	95.1	mg/Kg
Q3374-05	TP-5-WC	Solid	Magnesium	70		11.4	95.1	mg/Kg
Q3374-05	TP-5-WC	Solid	Manganese	75		0.133	0.951	mg/Kg
Q3374-05	TP-5-WC	Solid	Sodium	120		16.9	95.1	mg/Kg
Q3374-05	TP-5-WC	Solid	Nickel	81		0.124	1.9	mg/Kg
Q3374-05	TP-5-WC	Solid	Lead	65		0.124	0.57	mg/Kg
Q3374-05	TP-5-WC	Solid	Vanadium	160		0.238	1.9	mg/Kg
Q3374-05	TP-5-WC	Solid	Zinc	170		0.219	1.9	mg/Kg

Hit Summary Sheet SW-846

SDG No.: LB137590

Order ID: LB137590

Client: LB137590

Project ID: LB137590

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : VNJ-222								
Q3381-01	VNJ-222	Solid	Aluminum	5		0.796	4.74	mg/Kg
Q3381-01	VNJ-222	Solid	Arsenic	15		0.18	0.948	mg/Kg
Q3381-01	VNJ-222	Solid	Barium	20		0.692	4.74	mg/Kg
Q3381-01	VNJ-222	Solid	Beryllium	25		0.024	0.284	mg/Kg
Q3381-01	VNJ-222	Solid	Calcium	40		10.52	94.8	mg/Kg
Q3381-01	VNJ-222	Solid	Cadmium	35		0.023	0.284	mg/Kg
Q3381-01	VNJ-222	Solid	Cobalt	50		0.095	1.42	mg/Kg
Q3381-01	VNJ-222	Solid	Chromium	45		0.045	0.474	mg/Kg
Q3381-01	VNJ-222	Solid	Copper	55		0.209	0.948	mg/Kg
Q3381-01	VNJ-222	Solid	Iron	60		3.78	4.74	mg/Kg
Q3381-01	VNJ-222	Solid	Potassium	82		26.3	94.8	mg/Kg
Q3381-01	VNJ-222	Solid	Magnesium	70		11.4	94.8	mg/Kg
Q3381-01	VNJ-222	Solid	Manganese	75		0.133	0.948	mg/Kg
Q3381-01	VNJ-222	Solid	Sodium	120		16.9	94.8	mg/Kg
Q3381-01	VNJ-222	Solid	Nickel	81		0.123	1.9	mg/Kg
Q3381-01	VNJ-222	Solid	Lead	65		0.123	0.569	mg/Kg
Q3381-01	VNJ-222	Solid	Antimony	10	J	0.209	2.37	mg/Kg
Q3381-01	VNJ-222	Solid	Vanadium	160		0.237	1.9	mg/Kg
Q3381-01	VNJ-222	Solid	Zinc	170		0.218	1.9	mg/Kg
Client ID : VNJ-245								
Q3381-03	VNJ-245	Solid	Aluminum	5		0.88	5.24	mg/Kg
Q3381-03	VNJ-245	Solid	Arsenic	15		0.199	1.05	mg/Kg
Q3381-03	VNJ-245	Solid	Barium	20		0.765	5.24	mg/Kg
Q3381-03	VNJ-245	Solid	Beryllium	25		0.026	0.314	mg/Kg
Q3381-03	VNJ-245	Solid	Calcium	40		11.6	105	mg/Kg
Q3381-03	VNJ-245	Solid	Cadmium	35		0.025	0.314	mg/Kg
Q3381-03	VNJ-245	Solid	Cobalt	50		0.105	1.57	mg/Kg
Q3381-03	VNJ-245	Solid	Chromium	45		0.049	0.524	mg/Kg
Q3381-03	VNJ-245	Solid	Copper	55		0.23	1.05	mg/Kg
Q3381-03	VNJ-245	Solid	Iron	60		4.18	5.24	mg/Kg
Q3381-03	VNJ-245	Solid	Potassium	82		29	105	mg/Kg
Q3381-03	VNJ-245	Solid	Magnesium	70		12.6	105	mg/Kg
Q3381-03	VNJ-245	Solid	Manganese	75		0.147	1.05	mg/Kg
Q3381-03	VNJ-245	Solid	Sodium	120		18.6	105	mg/Kg
Q3381-03	VNJ-245	Solid	Nickel	81		0.136	2.09	mg/Kg
Q3381-03	VNJ-245	Solid	Lead	65		0.136	0.628	mg/Kg
Q3381-03	VNJ-245	Solid	Antimony	10	J	0.23	2.62	mg/Kg
Q3381-03	VNJ-245	Solid	Selenium	100	J	0.272	1.05	mg/Kg
Q3381-03	VNJ-245	Solid	Vanadium	160		0.262	2.09	mg/Kg

Hit Summary Sheet
SW-846

SDG No.: LB137590

Order ID: LB137590

Client: LB137590

Project ID: LB137590

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3381-03	VNJ-245	Solid	Zinc	170		0.241	2.09	mg/Kg
Client ID : RBR200059								
Q3381-05	RBR200059	Solid	Aluminum	5		0.886	5.27	mg/Kg
Q3381-05	RBR200059	Solid	Arsenic	15		0.2	1.05	mg/Kg
Q3381-05	RBR200059	Solid	Barium	20		0.77	5.27	mg/Kg
Q3381-05	RBR200059	Solid	Beryllium	25		0.026	0.316	mg/Kg
Q3381-05	RBR200059	Solid	Calcium	40		11.7	105	mg/Kg
Q3381-05	RBR200059	Solid	Cadmium	35		0.025	0.316	mg/Kg
Q3381-05	RBR200059	Solid	Cobalt	50		0.105	1.58	mg/Kg
Q3381-05	RBR200059	Solid	Chromium	45		0.05	0.527	mg/Kg
Q3381-05	RBR200059	Solid	Copper	55		0.232	1.05	mg/Kg
Q3381-05	RBR200059	Solid	Iron	60		4.21	5.27	mg/Kg
Q3381-05	RBR200059	Solid	Potassium	82		29.2	105	mg/Kg
Q3381-05	RBR200059	Solid	Magnesium	70		12.7	105	mg/Kg
Q3381-05	RBR200059	Solid	Manganese	75		0.148	1.05	mg/Kg
Q3381-05	RBR200059	Solid	Sodium	120		18.8	105	mg/Kg
Q3381-05	RBR200059	Solid	Nickel	81		0.137	2.11	mg/Kg
Q3381-05	RBR200059	Solid	Lead	65		0.137	0.633	mg/Kg
Q3381-05	RBR200059	Solid	Antimony	10	J	0.232	2.64	mg/Kg
Q3381-05	RBR200059	Solid	Vanadium	160		0.264	2.11	mg/Kg
Q3381-05	RBR200059	Solid	Zinc	170		0.243	2.11	mg/Kg
Client ID : VNJ-255								
Q3381-07	VNJ-255	Solid	Aluminum	5		0.841	5.01	mg/Kg
Q3381-07	VNJ-255	Solid	Arsenic	15		0.19	1	mg/Kg
Q3381-07	VNJ-255	Solid	Barium	20		0.731	5.01	mg/Kg
Q3381-07	VNJ-255	Solid	Beryllium	25		0.025	0.3	mg/Kg
Q3381-07	VNJ-255	Solid	Calcium	40		11.1	100	mg/Kg
Q3381-07	VNJ-255	Solid	Cadmium	35	J	0.024	0.3	mg/Kg
Q3381-07	VNJ-255	Solid	Cobalt	50		0.1	1.5	mg/Kg
Q3381-07	VNJ-255	Solid	Chromium	45		0.047	0.5	mg/Kg
Q3381-07	VNJ-255	Solid	Copper	55		0.22	1	mg/Kg
Q3381-07	VNJ-255	Solid	Iron	60		3.99	5.01	mg/Kg
Q3381-07	VNJ-255	Solid	Potassium	82		27.7	100	mg/Kg
Q3381-07	VNJ-255	Solid	Magnesium	70		12	100	mg/Kg
Q3381-07	VNJ-255	Solid	Manganese	75		0.14	1	mg/Kg
Q3381-07	VNJ-255	Solid	Sodium	120	J	17.8	100	mg/Kg
Q3381-07	VNJ-255	Solid	Nickel	81		0.13	2	mg/Kg
Q3381-07	VNJ-255	Solid	Lead	65		0.13	0.601	mg/Kg
Q3381-07	VNJ-255	Solid	Antimony	10	J	0.22	2.5	mg/Kg

Hit Summary Sheet SW-846

SDG No.: LB137590

Order ID: LB137590

Client: LB137590

Project ID: LB137590

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3381-07	VNJ-255	Solid	Vanadium	160		0.25	2	mg/Kg
Q3381-07	VNJ-255	Solid	Zinc	170		0.23	2	mg/Kg
Client ID : CENTRAL-AVE-TP								
Q3382-01	CENTRAL-AVE-TP	Solid	Aluminum	5		0.838	4.99	mg/Kg
Q3382-01	CENTRAL-AVE-TP	Solid	Arsenic	15		0.19	0.998	mg/Kg
Q3382-01	CENTRAL-AVE-TP	Solid	Barium	20		0.729	4.99	mg/Kg
Q3382-01	CENTRAL-AVE-TP	Solid	Beryllium	25		0.025	0.299	mg/Kg
Q3382-01	CENTRAL-AVE-TP	Solid	Calcium	40		11.1	99.8	mg/Kg
Q3382-01	CENTRAL-AVE-TP	Solid	Cadmium	35	J	0.024	0.299	mg/Kg
Q3382-01	CENTRAL-AVE-TP	Solid	Cobalt	50		0.1	1.5	mg/Kg
Q3382-01	CENTRAL-AVE-TP	Solid	Chromium	45		0.047	0.499	mg/Kg
Q3382-01	CENTRAL-AVE-TP	Solid	Copper	55		0.22	0.998	mg/Kg
Q3382-01	CENTRAL-AVE-TP	Solid	Iron	60		3.98	4.99	mg/Kg
Q3382-01	CENTRAL-AVE-TP	Solid	Potassium	82		27.6	99.8	mg/Kg
Q3382-01	CENTRAL-AVE-TP	Solid	Magnesium	70		12	99.8	mg/Kg
Q3382-01	CENTRAL-AVE-TP	Solid	Manganese	75		0.14	0.998	mg/Kg
Q3382-01	CENTRAL-AVE-TP	Solid	Sodium	120	J	17.8	99.8	mg/Kg
Q3382-01	CENTRAL-AVE-TP	Solid	Nickel	81		0.13	2	mg/Kg
Q3382-01	CENTRAL-AVE-TP	Solid	Lead	65		0.13	0.599	mg/Kg
Q3382-01	CENTRAL-AVE-TP	Solid	Antimony	10	J	0.22	2.5	mg/Kg
Q3382-01	CENTRAL-AVE-TP	Solid	Vanadium	160		0.25	2	mg/Kg
Q3382-01	CENTRAL-AVE-TP	Solid	Zinc	170		0.23	2	mg/Kg
Client ID : OR-03-101725								
Q3383-01	OR-03-101725	Solid	Aluminum	5		0.794	4.73	mg/Kg
Q3383-01	OR-03-101725	Solid	Arsenic	15		0.18	0.945	mg/Kg
Q3383-01	OR-03-101725	Solid	Barium	20		0.69	4.73	mg/Kg
Q3383-01	OR-03-101725	Solid	Beryllium	25		0.024	0.284	mg/Kg
Q3383-01	OR-03-101725	Solid	Calcium	40		10.49	94.5	mg/Kg
Q3383-01	OR-03-101725	Solid	Cadmium	35		0.023	0.284	mg/Kg
Q3383-01	OR-03-101725	Solid	Cobalt	50		0.095	1.42	mg/Kg
Q3383-01	OR-03-101725	Solid	Chromium	45		0.044	0.473	mg/Kg
Q3383-01	OR-03-101725	Solid	Copper	55		0.208	0.945	mg/Kg
Q3383-01	OR-03-101725	Solid	Iron	60		3.77	4.73	mg/Kg
Q3383-01	OR-03-101725	Solid	Potassium	82		26.2	94.5	mg/Kg
Q3383-01	OR-03-101725	Solid	Magnesium	70		11.3	94.5	mg/Kg
Q3383-01	OR-03-101725	Solid	Manganese	75		0.132	0.945	mg/Kg
Q3383-01	OR-03-101725	Solid	Sodium	120		16.8	94.5	mg/Kg
Q3383-01	OR-03-101725	Solid	Nickel	81		0.123	1.89	mg/Kg
Q3383-01	OR-03-101725	Solid	Lead	65		0.123	0.567	mg/Kg

Hit Summary Sheet SW-846

SDG No.: LB137590

Order ID: LB137590

Client: LB137590

Project ID: LB137590

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3383-01	OR-03-101725	Solid	Antimony	10	J	0.208	2.36	mg/Kg
Q3383-01	OR-03-101725	Solid	Vanadium	160		0.236	1.89	mg/Kg
Q3383-01	OR-03-101725	Solid	Zinc	170		0.217	1.89	mg/Kg
Client ID : 237								
Q3386-01	237	Solid	Aluminum	5		0.756	4.5	mg/Kg
Q3386-01	237	Solid	Arsenic	15		0.171	0.901	mg/Kg
Q3386-01	237	Solid	Barium	20		0.657	4.5	mg/Kg
Q3386-01	237	Solid	Beryllium	25		0.023	0.27	mg/Kg
Q3386-01	237	Solid	Calcium	40		10	90.1	mg/Kg
Q3386-01	237	Solid	Cadmium	35		0.022	0.27	mg/Kg
Q3386-01	237	Solid	Cobalt	50		0.09	1.35	mg/Kg
Q3386-01	237	Solid	Chromium	45		0.042	0.45	mg/Kg
Q3386-01	237	Solid	Copper	55		0.198	0.901	mg/Kg
Q3386-01	237	Solid	Iron	60		3.59	4.5	mg/Kg
Q3386-01	237	Solid	Potassium	82		24.9	90.1	mg/Kg
Q3386-01	237	Solid	Magnesium	70		10.81	90.1	mg/Kg
Q3386-01	237	Solid	Manganese	75		0.126	0.901	mg/Kg
Q3386-01	237	Solid	Sodium	120		16	90.1	mg/Kg
Q3386-01	237	Solid	Nickel	81		0.117	1.8	mg/Kg
Q3386-01	237	Solid	Lead	65		0.117	0.54	mg/Kg
Q3386-01	237	Solid	Antimony	10	J	0.198	2.25	mg/Kg
Q3386-01	237	Solid	Vanadium	160		0.225	1.8	mg/Kg
Q3386-01	237	Solid	Zinc	170		0.207	1.8	mg/Kg
Client ID : 340								
Q3390-03	340	Solid	Aluminum	5		0.922	5.49	mg/Kg
Q3390-03	340	Solid	Arsenic	15		0.209	1.1	mg/Kg
Q3390-03	340	Solid	Barium	20		0.802	5.49	mg/Kg
Q3390-03	340	Solid	Beryllium	25		0.027	0.329	mg/Kg
Q3390-03	340	Solid	Calcium	40		12.2	110	mg/Kg
Q3390-03	340	Solid	Cadmium	35		0.026	0.329	mg/Kg
Q3390-03	340	Solid	Cobalt	50		0.11	1.65	mg/Kg
Q3390-03	340	Solid	Chromium	45		0.052	0.549	mg/Kg
Q3390-03	340	Solid	Copper	55		0.242	1.1	mg/Kg
Q3390-03	340	Solid	Iron	60		4.38	5.49	mg/Kg
Q3390-03	340	Solid	Potassium	82		30.4	110	mg/Kg
Q3390-03	340	Solid	Magnesium	70		13.2	110	mg/Kg
Q3390-03	340	Solid	Manganese	75		0.154	1.1	mg/Kg
Q3390-03	340	Solid	Sodium	120		19.5	110	mg/Kg
Q3390-03	340	Solid	Nickel	81		0.143	2.2	mg/Kg

Hit Summary Sheet SW-846

SDG No.: LB137590

Order ID: LB137590

Client: LB137590

Project ID: LB137590

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3390-03	340	Solid	Lead	65		0.143	0.659	mg/Kg
Q3390-03	340	Solid	Antimony	10	J	0.242	2.75	mg/Kg
Q3390-03	340	Solid	Vanadium	160		0.275	2.2	mg/Kg
Q3390-03	340	Solid	Zinc	170		0.253	2.2	mg/Kg
Client ID : MH-20								
Q3392-01	MH-20	Solid	Aluminum	5		0.846	5.03	mg/Kg
Q3392-01	MH-20	Solid	Arsenic	15		0.191	1.01	mg/Kg
Q3392-01	MH-20	Solid	Barium	20		0.735	5.03	mg/Kg
Q3392-01	MH-20	Solid	Beryllium	25		0.025	0.302	mg/Kg
Q3392-01	MH-20	Solid	Calcium	40		11.2	101	mg/Kg
Q3392-01	MH-20	Solid	Cadmium	35		0.024	0.302	mg/Kg
Q3392-01	MH-20	Solid	Cobalt	50		0.101	1.51	mg/Kg
Q3392-01	MH-20	Solid	Chromium	45		0.047	0.503	mg/Kg
Q3392-01	MH-20	Solid	Copper	55		0.221	1.01	mg/Kg
Q3392-01	MH-20	Solid	Iron	60		4.02	5.03	mg/Kg
Q3392-01	MH-20	Solid	Potassium	82		27.9	101	mg/Kg
Q3392-01	MH-20	Solid	Magnesium	70		12.1	101	mg/Kg
Q3392-01	MH-20	Solid	Manganese	75		0.141	1.01	mg/Kg
Q3392-01	MH-20	Solid	Sodium	120		17.9	101	mg/Kg
Q3392-01	MH-20	Solid	Nickel	81		0.131	2.01	mg/Kg
Q3392-01	MH-20	Solid	Lead	65		0.131	0.604	mg/Kg
Q3392-01	MH-20	Solid	Antimony	10	J	0.221	2.52	mg/Kg
Q3392-01	MH-20	Solid	Vanadium	160		0.252	2.01	mg/Kg
Q3392-01	MH-20	Solid	Zinc	170		0.232	2.01	mg/Kg
Client ID : MH-19								
Q3392-05	MH-19	Solid	Aluminum	5		0.866	5.15	mg/Kg
Q3392-05	MH-19	Solid	Arsenic	15		0.196	1.03	mg/Kg
Q3392-05	MH-19	Solid	Barium	20		0.752	5.15	mg/Kg
Q3392-05	MH-19	Solid	Beryllium	25		0.026	0.309	mg/Kg
Q3392-05	MH-19	Solid	Calcium	40		11.4	103	mg/Kg
Q3392-05	MH-19	Solid	Cadmium	35		0.025	0.309	mg/Kg
Q3392-05	MH-19	Solid	Cobalt	50		0.103	1.55	mg/Kg
Q3392-05	MH-19	Solid	Chromium	45		0.048	0.515	mg/Kg
Q3392-05	MH-19	Solid	Copper	55		0.227	1.03	mg/Kg
Q3392-05	MH-19	Solid	Iron	60		4.11	5.15	mg/Kg
Q3392-05	MH-19	Solid	Potassium	82		28.6	103	mg/Kg
Q3392-05	MH-19	Solid	Magnesium	70		12.4	103	mg/Kg
Q3392-05	MH-19	Solid	Manganese	75		0.144	1.03	mg/Kg
Q3392-05	MH-19	Solid	Sodium	120		18.3	103	mg/Kg

Hit Summary Sheet
SW-846

SDG No.: LB137590

Order ID: LB137590

Client: LB137590

Project ID: LB137590

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3392-05	MH-19	Solid	Nickel	81		0.134	2.06	mg/Kg
Q3392-05	MH-19	Solid	Lead	65		0.134	0.618	mg/Kg
Q3392-05	MH-19	Solid	Antimony	10	J	0.227	2.58	mg/Kg
Q3392-05	MH-19	Solid	Selenium	100	J	0.268	1.03	mg/Kg
Q3392-05	MH-19	Solid	Vanadium	160		0.258	2.06	mg/Kg
Q3392-05	MH-19	Solid	Zinc	170		0.237	2.06	mg/Kg