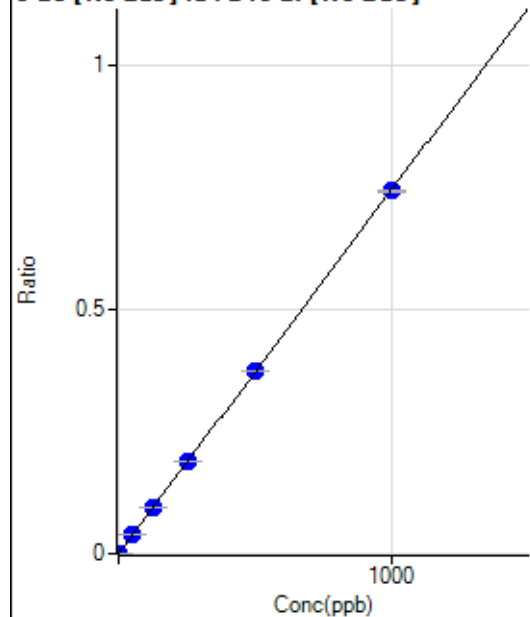


Batch Folder: C:\Agilent\ICPMH\1\DATA\P7120120 MS.b\
Analysis File: P7120120 MS.batch.bin
DA Date-Time: 2020-12-02 01:53:37
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2020-12-01 15:41:11
2	004CALS.d	S02	2020-12-01 15:44:44
3	005CALS.d	S03	2020-12-01 15:48:17
4	006CALS.d	S04	2020-12-01 15:51:49
5	007CALS.d	S05	2020-12-01 15:55:21
6	008CALS.d	S06	2020-12-01 15:58:49
7	009CALS.d	S07	2020-12-01 16:02:11
8	010CALS.d	S08	2020-12-01 16:05:31

9 Be [No Gas] ISTD:6 Li [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	36.6
2	☐	1.000	0.922	1822.36	0.0007	P	7.2
3	☐	50.000	51.492	99181.96	0.0384	P	2.0
4	☐	125.000	126.452	244347.08	0.0943	P	0.4
5	☐	250.000	253.724	478837.67	0.1892	P	0.2
6	☐	500.000	503.241	936964.22	0.3752	P	0.5
7	☐	1000.000	997.193	1815765.81	0.7434	P	0.7
8	☐			368.53	0.0002	P	20.8

$$y = 7.4542\text{E-}004 * x + 2.6247\text{E-}005$$

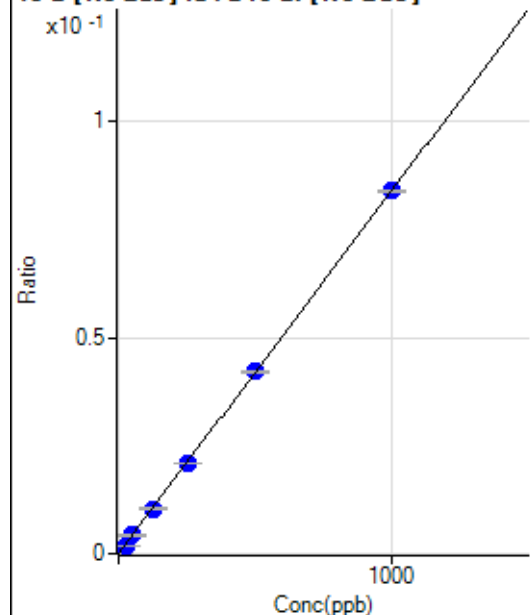
$$R = 1.0000$$

$$DL = 0.03871$$

$$BEC = 0.03521$$

Weight: <None>

Min Conc: 0

10 B [No Gas] ISTD:6 Li [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	116.67	0.0000	P	13.9
2	☐	25.000	22.156	4867.56	0.0019	P	1.6
3	☐	50.000	49.957	10951.40	0.0042	P	0.8
4	☐	125.000	123.950	27094.12	0.0105	P	2.4
5	☐	250.000	247.679	52764.19	0.0208	P	0.8
6	☐	500.000	501.165	105216.11	0.0421	P	1.0
7	☐	1000.000	1000.202	205267.28	0.0840	P	0.2
8	☐			3658.87	0.0015	P	8.3

$$y = 8.3971\text{E-}005 * x + 4.5866\text{E-}005$$

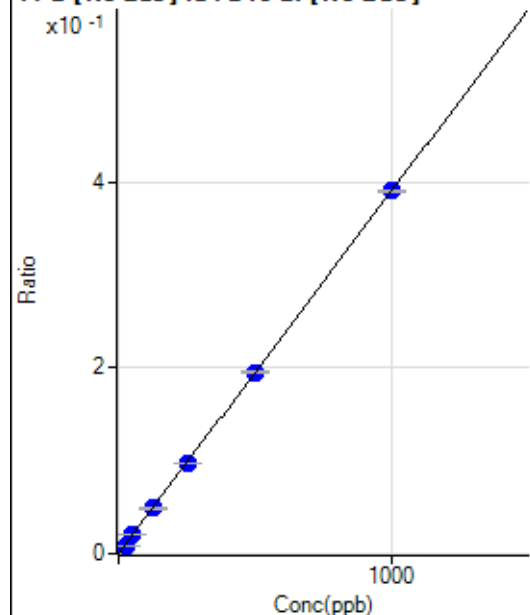
$$R = 1.0000$$

$$DL = 0.2278$$

$$BEC = 0.5462$$

Weight: <None>

Min Conc: 0

11 B [No Gas] ISTD:6 Li [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	627.81	0.0002	P	8.5
2	☐	25.000	22.032	22586.72	0.0088	P	2.6
3	☐	50.000	49.940	50969.26	0.0197	P	0.6
4	☐	125.000	124.153	126210.05	0.0487	P	0.8
5	☐	250.000	250.382	247996.41	0.0980	P	0.3
6	☐	500.000	499.550	487536.79	0.1952	P	1.0
7	☐	1000.000	1000.312	954247.35	0.3907	P	0.4
8	☐			16837.52	0.0070	P	0.8

$$y = 3.9029\text{E-}004 * x + 2.4685\text{E-}004$$

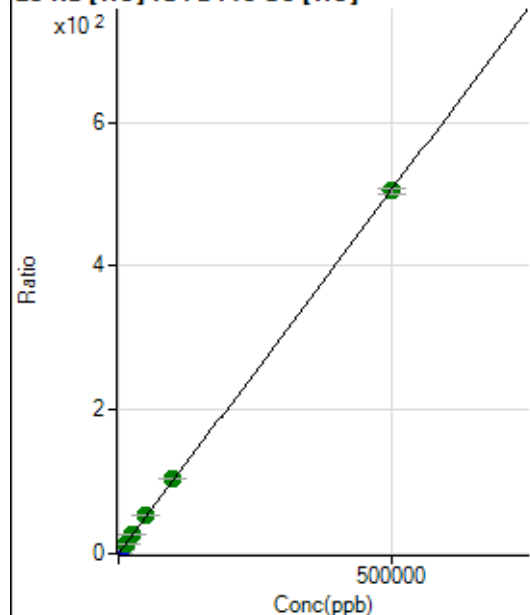
$$R = 1.0000$$

$$DL = 0.1621$$

$$BEC = 0.6325$$

Weight: <None>

Min Conc: 0

23 Na [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	23916.72	0.0585	P	0.9
2	☐	500.000	495.730	226897.75	0.5596	P	1.2
3	☐	5000.000	5597.872	2313049.62	5.7161	P	0.8
4	☐	12500.000	13140.805	5229036.18	13.3395	A	1.2
5	☐	25000.000	25910.264	10438169.24	26.2452	A	2.4
6	☐	50000.000	52289.019	20266154.10	52.9053	A	1.3
7	☐	100000.00	103632.80	39919317.90	104.7967	A	0.3
8	☐	500000.00	498977.02	192501300.1	504.3576	A	1.9

$$y = 0.0010 * x + 0.0585$$

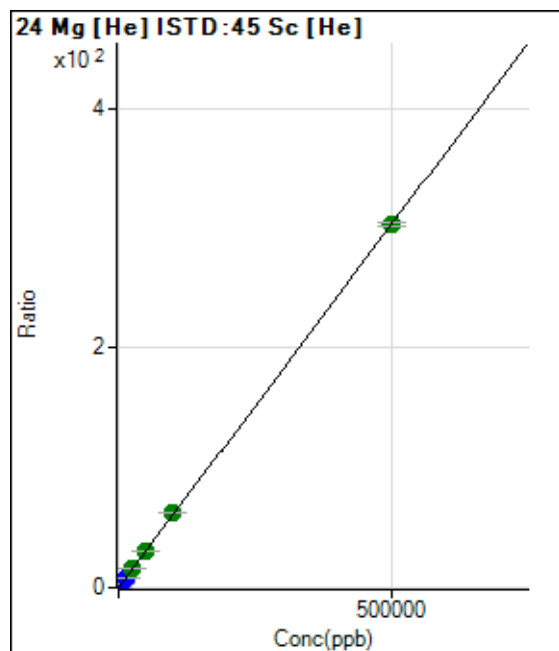
$$R = 1.0000$$

$$DL = 1.604$$

$$BEC = 57.93$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	186.12	0.0005	P	13.7
2	☐	500.000	476.714	117501.61	0.2898	P	2.5
3	☐	5000.000	5443.770	1337138.97	3.3043	P	1.3
4	☐	12500.000	13651.245	3247539.16	8.2854	P	2.0
5	☐	25000.000	25587.587	6176508.17	15.5296	A	2.0
6	☐	50000.000	51293.189	11925180.21	31.1304	A	1.1
7	☐	100000.00	102355.32	23663539.94	62.1202	A	0.3
8	☐	500000.00	499337.04	115670722.0	303.0495	A	1.0

$$y = 6.0690\text{E-}004 * x + 4.5534\text{E-}004$$

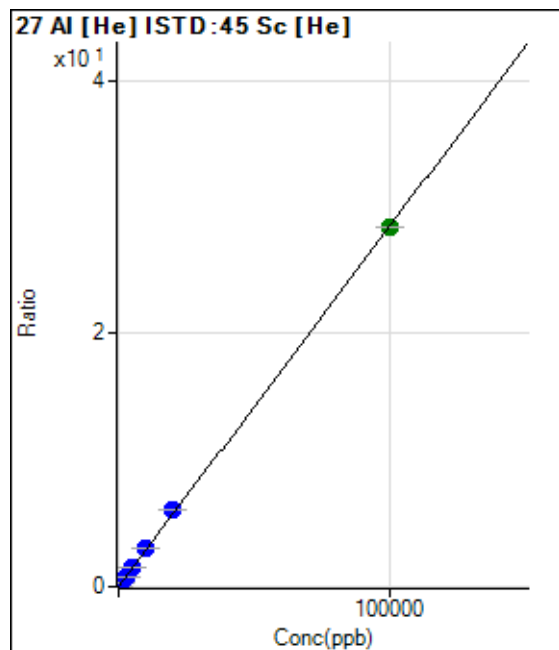
$$R = 1.0000$$

$$DL = 0.309$$

$$BEC = 0.7503$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	158.34	0.0004	P	21.3
2	☐	20.000	19.329	2391.92	0.0059	P	6.3
3	☐	1000.000	1070.511	123687.13	0.3056	P	1.5
4	☐	2500.000	2698.635	301708.32	0.7699	P	3.5
5	☐	5000.000	5301.031	601329.72	1.5120	P	2.3
6	☐	10000.000	10670.826	1165757.59	3.0432	P	1.0
7	☐	20000.000	21097.746	2291776.92	6.0165	P	0.4
8	☐	100000.00	99692.646	10850919.08	28.4280	A	0.3

$$y = 2.8515\text{E-}004 * x + 3.8781\text{E-}004$$

$$R = 0.9999$$

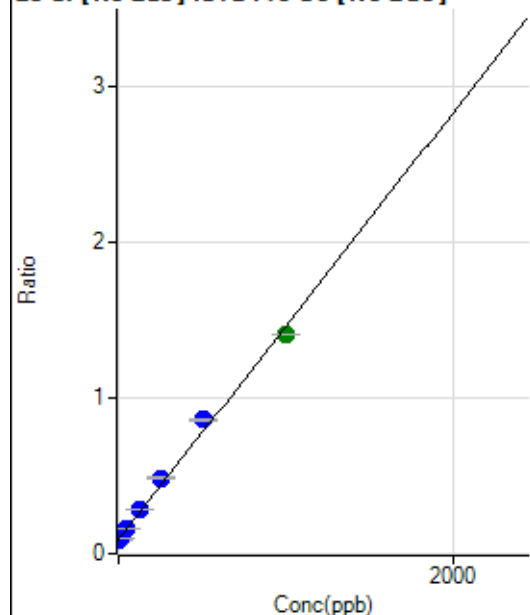
$$DL = 0.8709$$

$$BEC = 1.36$$

Weight: <None>

Min Conc: 0

28 Si [No Gas] ISTD :45 Sc [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	479667.24	0.0900	P	1.9
2	☐	10.000	6.106	523646.55	0.0984	P	1.4
3	☐	50.000	52.812	868960.89	0.1625	P	2.7
4	☐	125.000	141.528	1526199.60	0.2844	P	2.1
5	☐	250.000	287.670	2592616.07	0.4850	P	2.4
6	☐	500.000	560.685	4473818.33	0.8599	P	0.8
7	☐	1000.000	958.073	7145720.30	1.4056	A	0.7
8	☐			845654.09	0.1670	P	1.1

$$y = 0.0014 * x + 0.0900$$

$$R = 0.9961$$

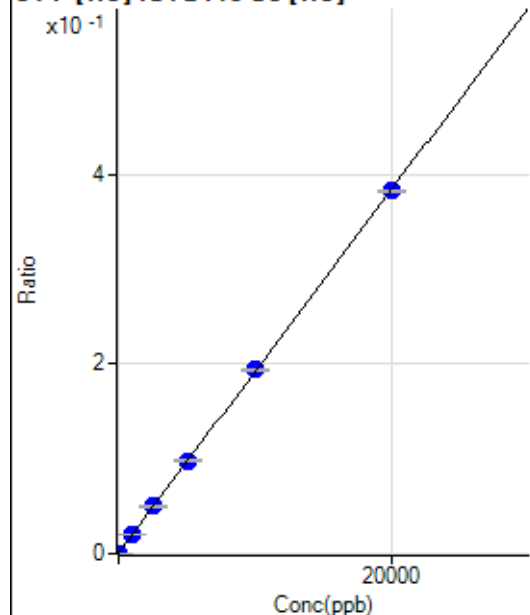
$$DL = 3.645$$

$$BEC = 65.56$$

Weight: <None>

Min Conc: 0

31 P [He] ISTD :45 Sc [He]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	1.082	316.68	0.0008	P	24.5
2	☐	0.000	-1.082	297.23	0.0007	P	1.7
3	☐	1000.000	1012.151	8146.87	0.0201	P	6.1
4	☐	2500.000	2571.362	19582.68	0.0500	P	5.2
5	☐	5000.000	5061.027	38831.53	0.0976	P	2.7
6	☐	10000.000	10094.172	74312.49	0.1940	P	1.0
7	☐	20000.000	19928.129	145608.85	0.3822	P	0.2
8	☐			305.57	0.0008	P	17.0

$$y = 1.9144E-005 * x + 7.5377E-004$$

$$R = 1.0000$$

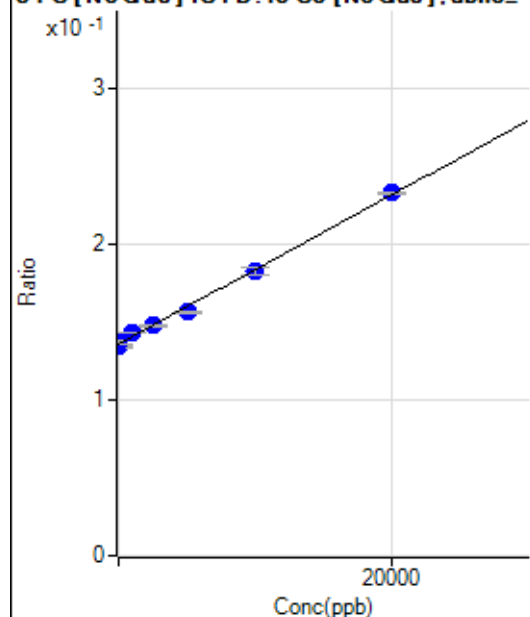
$$DL = 15.8$$

$$BEC = 39.37$$

Weight: <None>

Min Conc: 0

34 S [No Gas] ISTD:45 Sc [No Gas].abno_



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-303.604	715570.03	0.1343	P	0.9
2	☐	0.000	303.604	730050.30	0.1372	P	1.6
3	☐	1000.000	1509.943	764357.91	0.1430	P	0.4
4	☐	2500.000	2510.626	792911.96	0.1478	P	1.0
5	☐	5000.000	4282.063	835035.11	0.1562	P	0.7
6	☐	10000.000	9781.711	949360.33	0.1825	P	2.4
7	☐	20000.000	20261.803	1182531.02	0.2326	P	0.5
8	☐			608439.15	0.1201	P	1.3

$$y = 4.7802\text{E-}006 * x + 0.1358$$

R = 0.9983

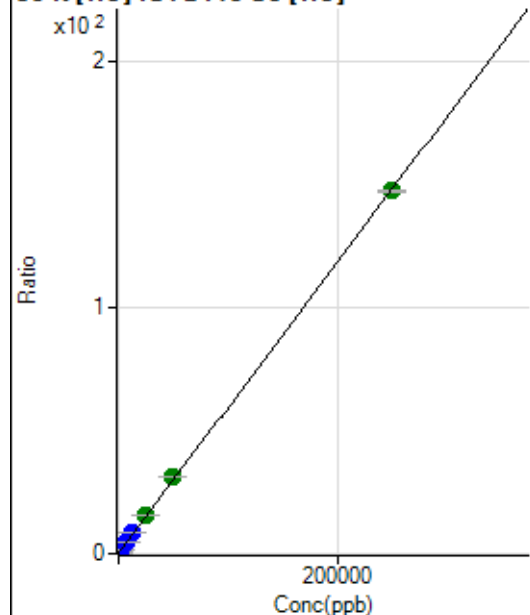
DL = 1049

BEC = 2.84E+04

Weight: <None>

Min Conc: 0

39 K [He] ISTD:45 Sc [He]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	91231.65	0.2233	P	1.0
2	☐	500.000	499.606	210282.05	0.5186	P	1.2
3	☐	2500.000	2832.309	767677.74	1.8972	P	0.4
4	☐	6250.000	7165.081	1747272.26	4.4578	P	1.9
5	☐	12500.000	14091.768	3401063.84	8.5514	P	1.7
6	☐	25000.000	25944.634	5959224.22	15.5563	A	0.9
7	☐	50000.000	52103.092	11814803.82	31.0156	A	0.3
8	☐	250000.00	249379.13	56340363.07	147.6033	A	0.2

$$y = 5.9099\text{E-}004 * x + 0.2233$$

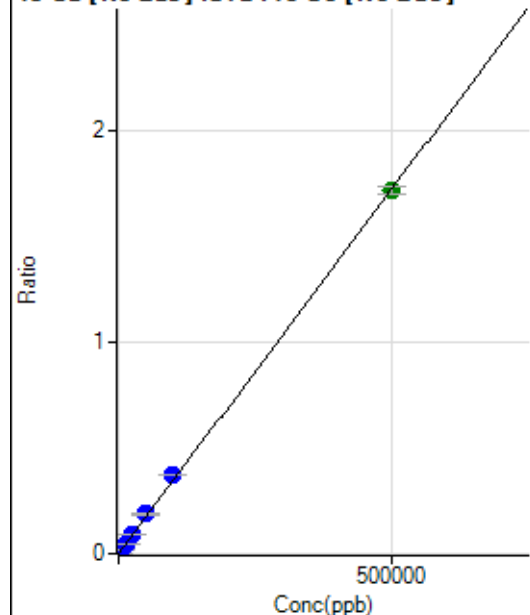
R = 1.0000

DL = 11.56

BEC = 377.9

Weight: <None>

Min Conc: 0

43 Ca [No Gas] ISTD:45 Sc [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	222.23	0.0000	P	13.5
2	☐	500.000	486.518	9153.04	0.0017	P	2.2
3	☐	5000.000	5383.143	99504.98	0.0186	P	1.5
4	☐	12500.000	13345.046	247264.83	0.0461	P	2.1
5	☐	25000.000	26775.397	493952.60	0.0924	P	1.0
6	☐	50000.000	54150.788	971963.09	0.1868	P	2.1
7	☐	100000.00	107296.64	1881957.38	0.3702	P	0.5
8	☐	500000.00	498011.87	8701298.02	1.7181	A	2.3

$$y = 3.4497\text{E-}006 * x + 4.1726\text{E-}005$$

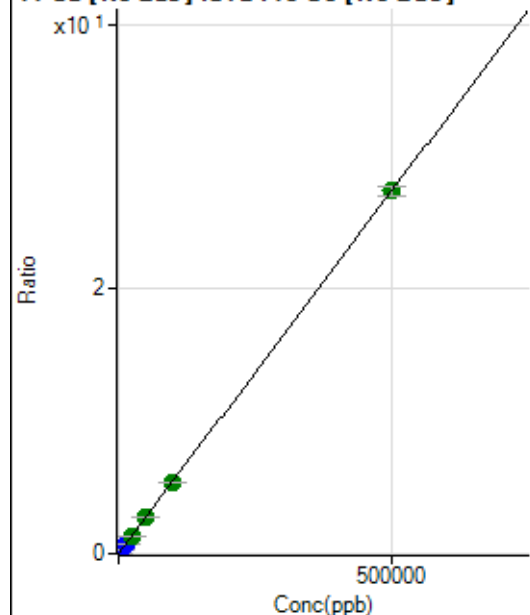
$$R = 0.9999$$

$$DL = 4.914$$

$$BEC = 12.1$$

Weight: <None>

Min Conc: 0

44 Ca [No Gas] ISTD:45 Sc [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	20813.54	0.0039	P	1.5
2	☐	500.000	476.799	159698.55	0.0300	P	0.8
3	☐	5000.000	5317.927	1577389.95	0.2950	P	1.1
4	☐	12500.000	13260.709	3916850.80	0.7299	P	1.6
5	☐	25000.000	24583.456	7214665.79	1.3498	A	0.9
6	☐	50000.000	49461.218	14107768.80	2.7118	A	1.1
7	☐	100000.00	98153.807	27337222.77	5.3776	A	1.2
8	☐	500000.00	500421.77	138769011.2	27.4007	A	2.6

$$y = 5.4747\text{E-}005 * x + 0.0039$$

$$R = 1.0000$$

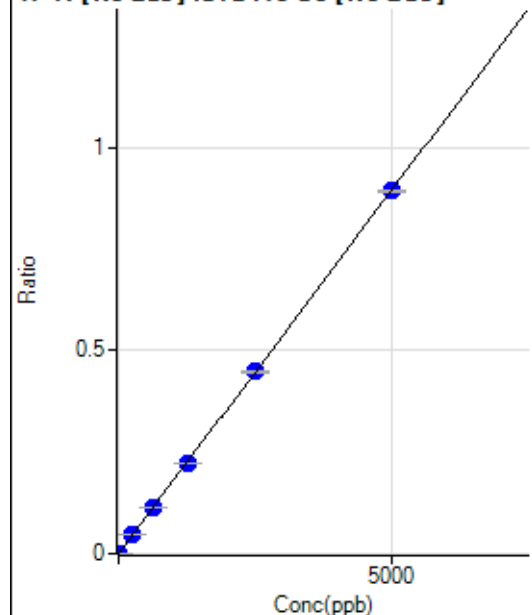
$$DL = 3.243$$

$$BEC = 71.35$$

Weight: <None>

Min Conc: 0

47 Ti [No Gas] ISTD:45 Sc [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	208.34	0.0000	P	17.2
2	☐	5.000	4.325	4325.74	0.0008	P	1.7
3	☐	250.000	254.890	244010.42	0.0456	P	0.2
4	☐	625.000	631.368	606369.41	0.1130	P	1.3
5	☐	1250.000	1252.658	1198085.55	0.2241	P	0.7
6	☐	2500.000	2508.865	2335320.89	0.4489	P	0.9
7	☐	5000.000	4993.863	4542331.87	0.8935	P	0.3
8	☐			1063.96	0.0002	P	5.7

$$y = 1.7891\text{E-}004 * x + 3.9048\text{E-}005$$

$$R = 1.0000$$

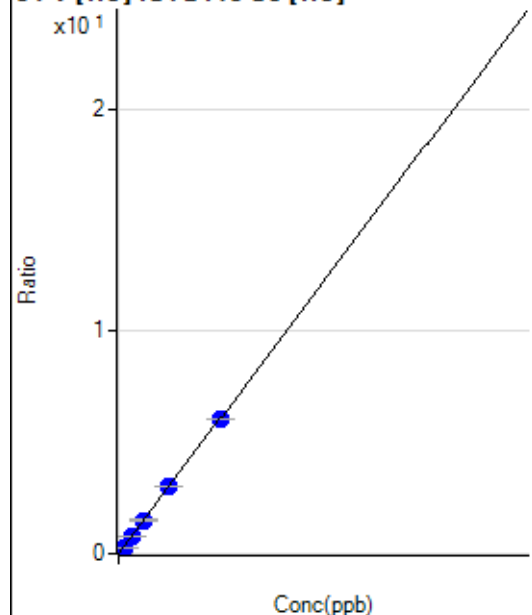
$$DL = 0.1124$$

$$BEC = 0.2183$$

Weight: <None>

Min Conc: 0

51 V [He] ISTD:45 Sc [He]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	10.00	0.0000	P	88.8
2	☐	5.000	4.489	11011.96	0.0272	P	0.4
3	☐	50.000	49.367	120759.95	0.2984	P	1.8
4	☐	125.000	125.035	296210.23	0.7558	P	2.5
5	☐	250.000	248.547	597474.34	1.5023	P	2.4
6	☐	500.000	501.860	1161997.49	3.0334	P	1.1
7	☐	1000.000	999.463	2301135.54	6.0410	P	0.5
8	☐			796.70	0.0021	P	4.7

$$y = 0.0060 * x + 2.4549\text{E-}005$$

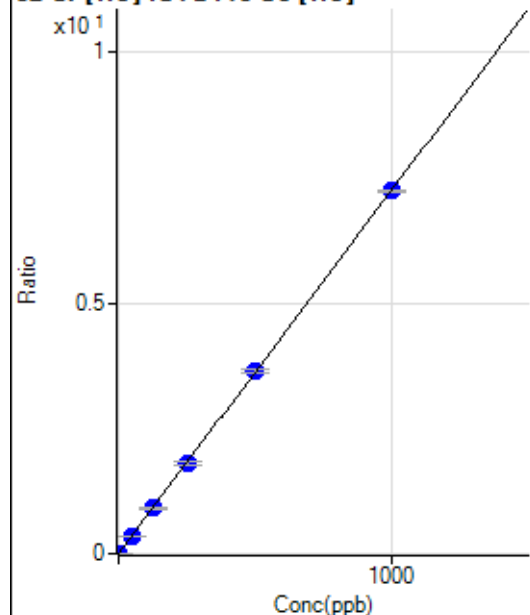
$$R = 1.0000$$

$$DL = 0.01082$$

$$BEC = 0.004062$$

Weight: <None>

Min Conc: 0

52 Cr [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	932.26	0.0023	P	0.9
2	☐	2.000	1.786	6173.57	0.0152	P	4.6
3	☐	50.000	49.261	145375.85	0.3592	P	1.9
4	☐	125.000	125.324	356816.07	0.9104	P	2.6
5	☐	250.000	248.931	718276.71	1.8061	P	2.7
6	☐	500.000	502.952	1396931.96	3.6467	P	1.6
7	☐	1000.000	998.788	2757649.09	7.2396	P	0.7
8	☐			52855.30	0.1385	P	1.3

$$y = 0.0072 * x + 0.0023$$

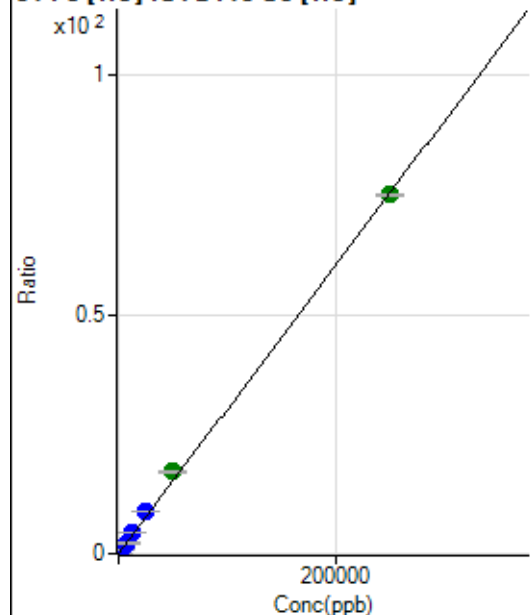
$$R = 1.0000$$

$$DL = 0.008349$$

$$BEC = 0.3149$$

Weight: <None>

Min Conc: 0

54 Fe [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1181.27	0.0029	P	6.7
2	☐	50.000	52.952	7666.51	0.0189	P	4.9
3	☐	2500.000	2847.565	349711.88	0.8642	P	1.1
4	☐	6250.000	7248.312	860418.97	2.1953	P	2.5
5	☐	12500.000	14480.095	1743091.44	4.3828	P	1.9
6	☐	25000.000	29064.137	3368691.91	8.7941	P	1.3
7	☐	50000.000	56540.083	6515217.28	17.1048	A	1.2
8	☐	250000.00	248158.13	28651956.16	75.0645	A	0.5

$$y = 3.0247E-004 * x + 0.0029$$

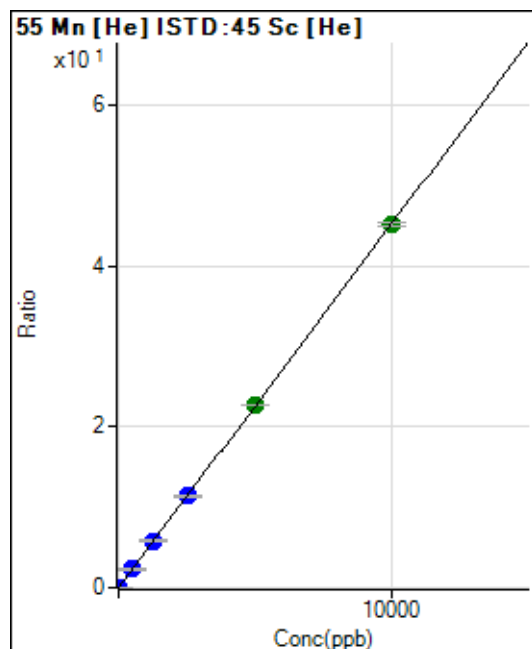
$$R = 0.9996$$

$$DL = 1.929$$

$$BEC = 9.558$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	68.89	0.0002	P	3.4
2	☐	1.000	0.887	1695.67	0.0042	P	3.5
3	☐	500.000	504.855	924608.36	2.2849	P	1.1
4	☐	1250.000	1279.973	2270299.81	5.7927	P	2.6
5	☐	2500.000	2535.776	4564170.90	11.4758	P	2.2
6	☐	5000.000	5022.683	8707422.02	22.7302	A	0.8
7	☐	10000.000	9975.725	17196308.91	45.1451	A	0.9
8	☐			22253.57	0.0583	P	1.6

$$y = 0.0045 * x + 1.6866E-004$$

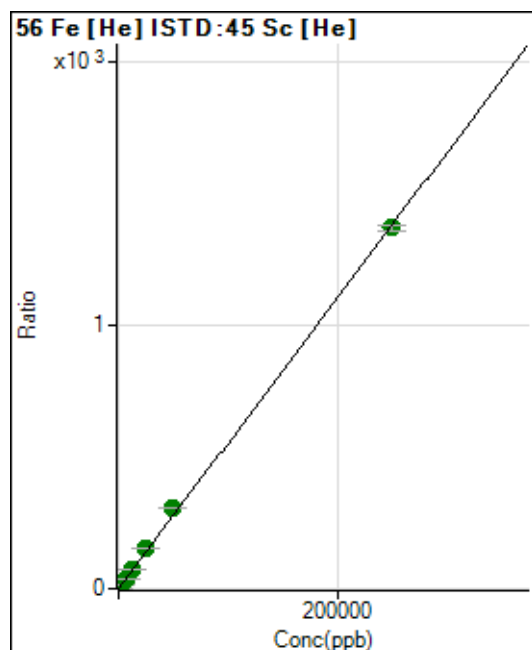
$$R = 1.0000$$

$$DL = 0.003788$$

$$BEC = 0.03727$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5021.31	0.0123	P	7.6
2	☐	50.000	51.281	119678.22	0.2951	P	2.6
3	☐	2500.000	2691.694	6012948.00	14.8587	A	1.5
4	☐	6250.000	6825.666	14758856.58	37.6602	A	3.1
5	☐	12500.000	13603.661	29846454.60	75.0451	A	2.4
6	☐	25000.000	27332.663	57755615.18	150.7693	A	1.0
7	☐	50000.000	55843.924	117333276.7	308.0271	A	0.5
8	☐	250000.00	248526.45	523211841.3	1,370.793	A	1.3

$$y = 0.0055 * x + 0.0123$$

$$R = 0.9997$$

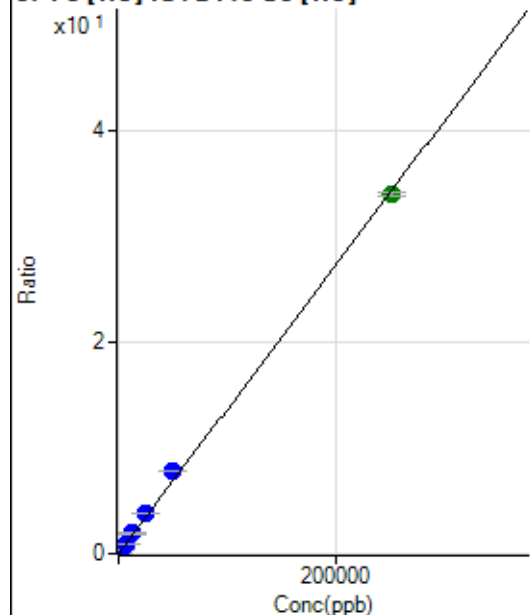
$$DL = 0.5074$$

$$BEC = 2.228$$

Weight: <None>

Min Conc: 0

57 Fe [He] ISTD:45 Sc [He]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	361.12	0.0009	P	5.9
2	☐	50.000	50.508	3167.06	0.0078	P	6.8
3	☐	2500.000	2782.601	154764.40	0.3824	P	1.7
4	☐	6250.000	7014.362	377298.76	0.9627	P	2.6
5	☐	12500.000	13951.306	761179.72	1.9139	P	2.5
6	☐	25000.000	28111.522	1476935.84	3.8556	P	1.3
7	☐	50000.000	56985.586	2976734.03	7.8148	P	0.7
8	☐	250000.00	248197.23	12990335.24	34.0340	A	1.1

$$y = 1.3712\text{E-}004 * x + 8.8421\text{E-}004$$

$$R = 0.9995$$

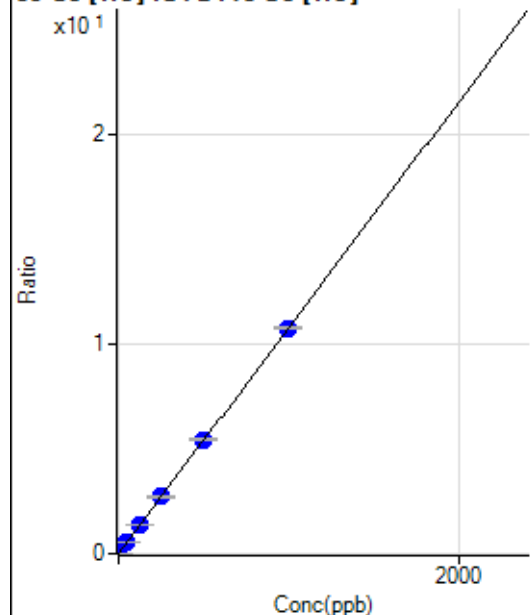
$$DL = 1.144$$

$$BEC = 6.448$$

Weight: <None>

Min Conc: 0

59 Co [He] ISTD:45 Sc [He]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	132.23	0.0003	P	16.0
2	☐	1.000	0.888	4008.36	0.0099	P	6.1
3	☐	50.000	50.018	218067.85	0.5389	P	1.5
4	☐	125.000	126.896	535594.96	1.3666	P	2.8
5	☐	250.000	251.392	1076669.80	2.7071	P	1.9
6	☐	500.000	504.213	2079762.66	5.4292	P	1.1
7	☐	1000.000	997.308	4090338.24	10.7384	P	0.9
8	☐			8392.47	0.0220	P	2.3

$$y = 0.0108 * x + 3.2357\text{E-}004$$

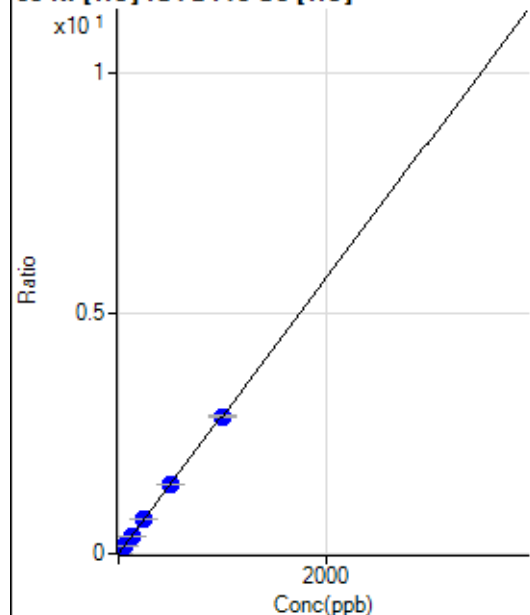
$$R = 1.0000$$

$$DL = 0.01446$$

$$BEC = 0.03005$$

Weight: <None>

Min Conc: 0

60 Ni [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0001	P	13.7
2	☐	1.000	0.949	1151.17	0.0028	P	4.2
3	☐	50.000	50.495	58512.71	0.1446	P	1.3
4	☐	125.000	127.656	143194.82	0.3654	P	2.8
5	☐	250.000	251.439	286177.22	0.7195	P	2.0
6	☐	500.000	504.854	553385.63	1.4446	P	1.3
7	☐	1000.000	996.856	1086439.99	2.8523	P	1.3
8	☐			14510.59	0.0380	P	3.2

$$y = 0.0029 * x + 1.2244E-004$$

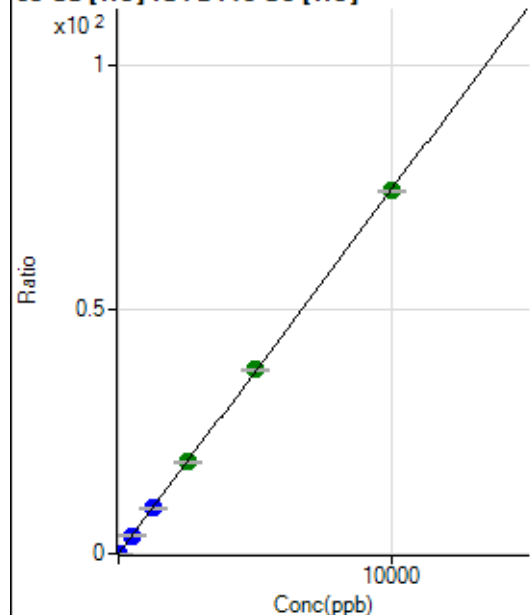
$$R = 1.0000$$

$$DL = 0.01755$$

$$BEC = 0.04279$$

Weight: <None>

Min Conc: 0

63 Cu [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3447.10	0.0084	P	3.1
2	☐	2.000	1.848	9008.39	0.0222	P	1.8
3	☐	500.000	499.923	1512046.61	3.7367	P	0.7
4	☐	1250.000	1255.713	3673506.51	9.3731	P	2.6
5	☐	2500.000	2519.049	7475293.15	18.7946	A	1.3
6	☐	5000.000	5065.566	14474528.81	37.7856	A	1.0
7	☐	10000.000	9961.745	28302243.47	74.2995	A	0.5
8	☐			25110.50	0.0658	P	1.3

$$y = 0.0075 * x + 0.0084$$

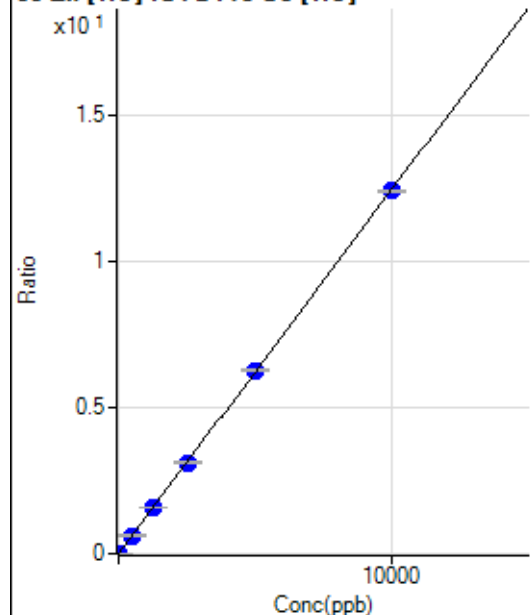
$$R = 1.0000$$

$$DL = 0.1041$$

$$BEC = 1.131$$

Weight: <None>

Min Conc: 0

66 Zn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	237.78	0.0006	P	18.0
2	☐	2.000	1.830	1160.06	0.0029	P	7.8
3	☐	500.000	499.592	252136.66	0.6231	P	1.4
4	☐	1250.000	1272.071	621387.79	1.5856	P	3.0
5	☐	2500.000	2506.656	1242425.16	3.1238	P	1.6
6	☐	5000.000	5046.141	2408749.62	6.2880	P	0.9
7	☐	10000.000	9972.527	4733356.60	12.4262	P	0.6
8	☐			18293.77	0.0479	P	2.2

$$y = 0.0012 * x + 5.8161E-004$$

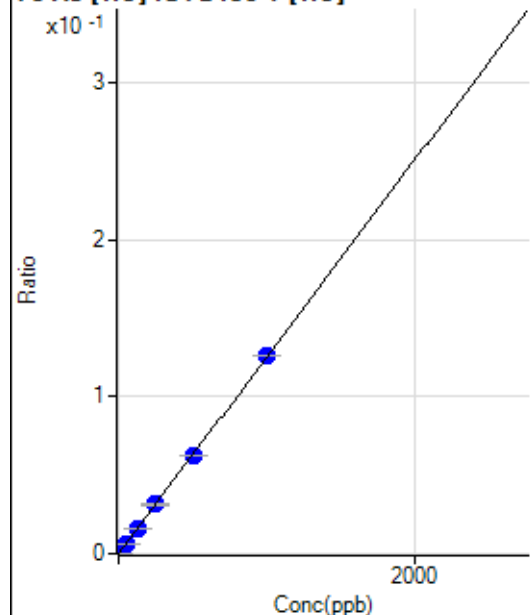
$$R = 1.0000$$

$$DL = 0.252$$

$$BEC = 0.4668$$

Weight: <None>

Min Conc: 0

75 As [He] ISTD:89 Y [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	14.20	0.0000	P	32.5
2	☐	1.000	0.884	323.46	0.0001	P	4.8
3	☐	50.000	50.248	17466.04	0.0063	P	1.6
4	☐	125.000	126.760	42942.63	0.0160	P	3.0
5	☐	250.000	249.672	86605.47	0.0314	P	1.0
6	☐	500.000	498.167	168388.31	0.0627	P	1.1
7	☐	1000.000	1000.766	336691.88	0.1259	P	0.4
8	☐			161.11	0.0001	P	13.8

$$y = 1.2579E-004 * x + 5.1101E-006$$

$$R = 1.0000$$

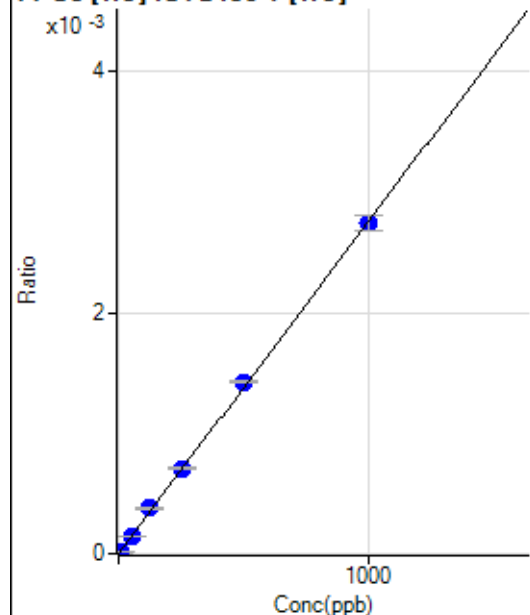
$$DL = 0.03959$$

$$BEC = 0.04062$$

Weight: <None>

Min Conc: 0

77 Se [He] ISTD:89 Y [He]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.2
2	☐	5.000	5.646	44.44	0.0000	P	50.6
3	☐	50.000	51.670	395.56	0.0001	P	6.5
4	☐	125.000	136.115	1014.49	0.0004	P	4.8
5	☐	250.000	255.979	1952.37	0.0007	P	2.2
6	☐	500.000	514.859	3826.10	0.0014	P	1.0
7	☐	1000.000	989.600	7316.36	0.0027	P	4.6
8	☐			2.22	0.0000	P	86.6

$$y = 2.7648\text{E-}006 * x + 3.9798\text{E-}007$$

$$R = 0.9998$$

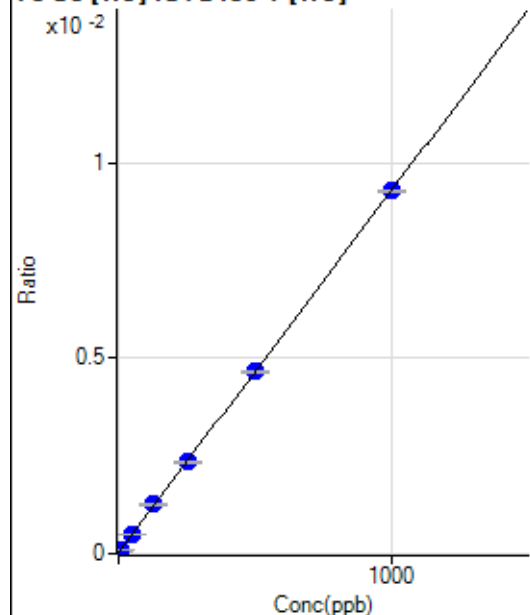
$$DL = 0.748$$

$$BEC = 0.1439$$

Weight: <None>

Min Conc: 0

78 Se [He] ISTD:89 Y [He]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	89.51	0.0000	P	25.9
2	☐	5.000	5.201	223.46	0.0001	P	12.6
3	☐	50.000	50.466	1377.85	0.0005	P	5.4
4	☐	125.000	132.192	3378.18	0.0013	P	5.1
5	☐	250.000	249.308	6446.52	0.0023	P	1.3
6	☐	500.000	500.321	12520.86	0.0047	P	0.8
7	☐	1000.000	999.089	24801.98	0.0093	P	0.7
8	☐			94.45	0.0000	P	12.2

$$y = 9.2492\text{E-}006 * x + 3.2220\text{E-}005$$

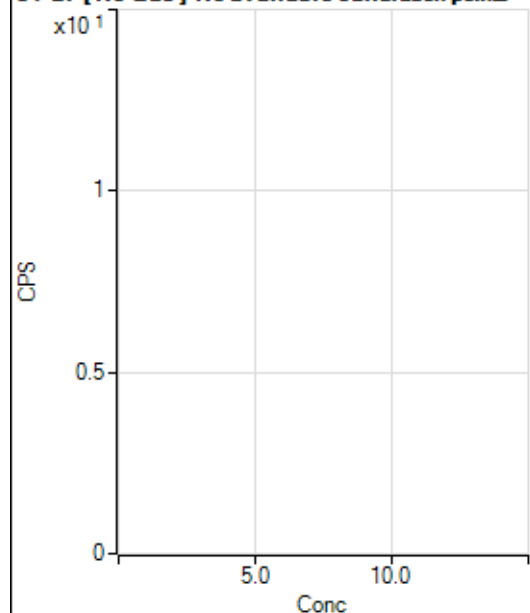
$$R = 1.0000$$

$$DL = 2.708$$

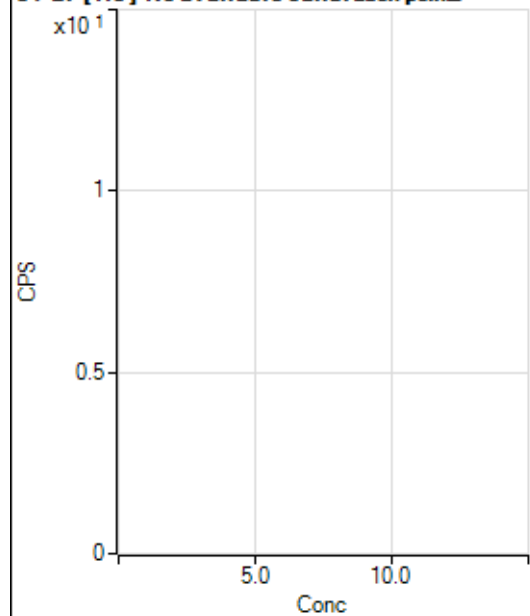
$$BEC = 3.484$$

Weight: <None>

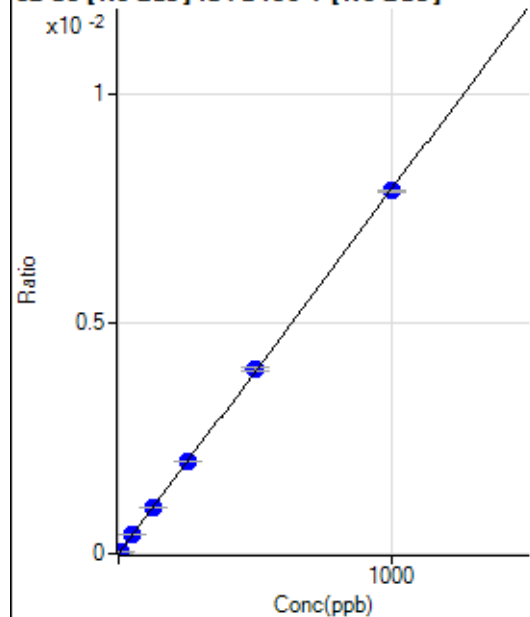
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3533.85		P	3.7
2	☐			3731.14		P	5.0
3	☐			3317.14		P	6.8
4	☐			3336.58		P	8.0
5	☐			3297.69		P	2.1
6	☐			3269.91		P	4.6
7	☐			3369.92		P	4.2
8	☐			3408.83		P	11.2

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			70.07		P	24.7
2	☐			70.07		P	37.8
3	☐			50.05		P	69.3
4	☐			56.72		P	27.0
5	☐			60.06		P	33.3
6	☐			50.05		P	34.6
7	☐			76.74		P	41.9
8	☐			53.39		P	65.8

82 Se [No Gas] ISTD:89 Y [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-10.58	0.0000	P	-422.
2	☐	5.000	4.311	405.17	0.0000	P	27.1
3	☐	50.000	51.910	5000.81	0.0004	P	1.9
4	☐	125.000	126.350	12342.78	0.0010	P	0.3
5	☐	250.000	253.734	24845.28	0.0020	P	0.4
6	☐	500.000	505.750	49126.75	0.0040	P	2.0
7	☐	1000.000	995.931	95613.94	0.0079	P	0.8
8	☐			70.53	0.0000	P	27.4

$$y = 7.9273E-006 * x - 8.5303E-007$$

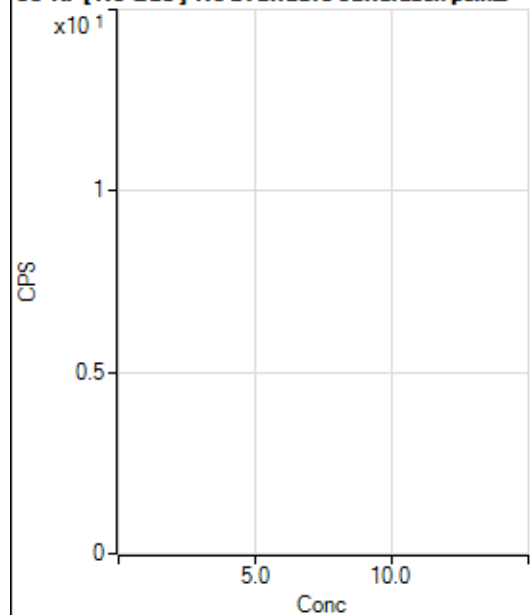
$$R = 1.0000$$

$$DL = 1.365$$

$$BEC = -0.1076$$

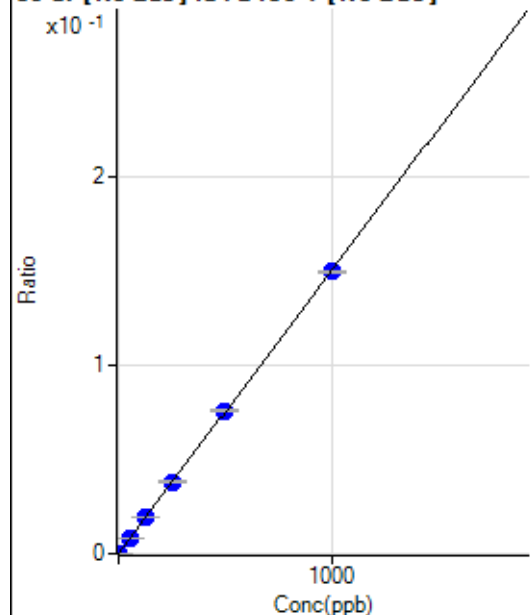
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			690.02		P	3.8
2	☐			716.69		P	14.0
3	☐			678.91		P	11.4
4	☐			673.35		P	6.0
5	☐			716.69		P	7.9
6	☐			686.69		P	6.0
7	☐			626.69		P	6.4
8	☐			642.24		P	6.3

86 Sr [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1036.17	0.0001	P	3.5
2	☐	1.000	0.839	2558.63	0.0002	P	5.7
3	☐	50.000	51.810	95965.64	0.0079	P	0.3
4	☐	125.000	126.513	235825.13	0.0191	P	1.4
5	☐	250.000	253.567	472574.75	0.0382	P	0.6
6	☐	500.000	504.434	931423.48	0.0760	P	1.4
7	☐	1000.000	996.612	1817536.15	0.1501	P	1.0
8	☐			10843.26	0.0009	P	2.4

$$y = 1.5049\text{E-}004 * x + 8.4154\text{E-}005$$

R = 1.0000

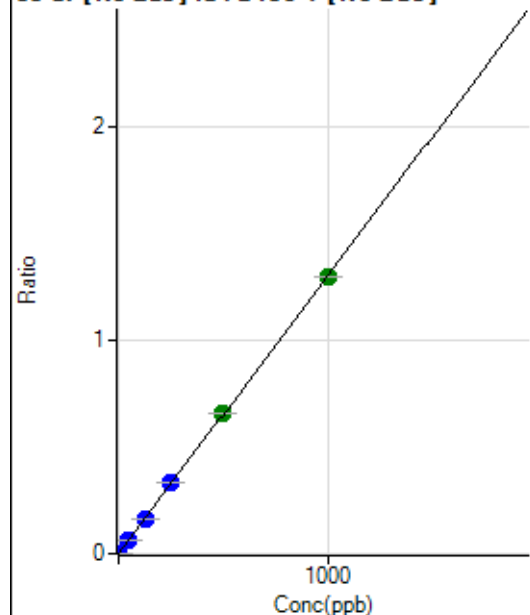
DL = 0.05879

BEC = 0.5592

Weight: <None>

Min Conc: 0

88 Sr [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	108.34	0.0000	P	23.0
2	☐	1.000	0.925	14774.56	0.0012	P	4.7
3	☐	50.000	51.616	819339.89	0.0673	P	0.5
4	☐	125.000	127.364	2047452.00	0.1660	P	0.6
5	☐	250.000	254.394	4097470.32	0.3316	P	0.6
6	☐	500.000	504.130	8053839.76	0.6571	A	0.8
7	☐	1000.000	996.460	15731198.79	1.2988	A	0.2
8	☐			85495.53	0.0073	P	2.1

$$y = 0.0013 * x + 8.7979\text{E-}006$$

R = 1.0000

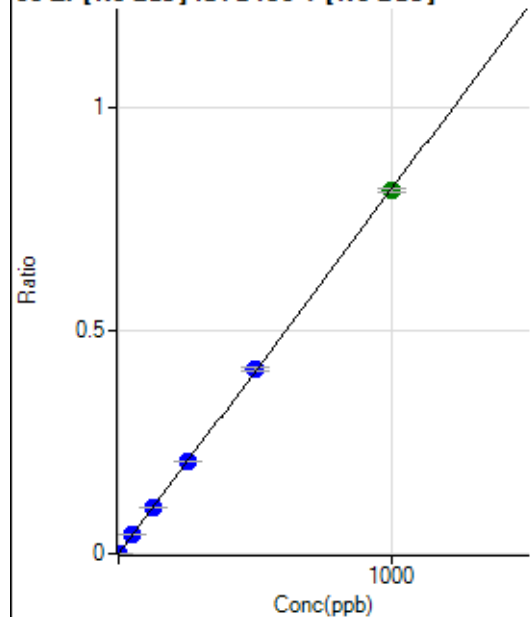
DL = 0.004657

BEC = 0.00675

Weight: <None>

Min Conc: 0

90 Zr [No Gas] ISTD : 89 Y [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	580.59	0.0000	P	10.3
2	☐	1.000	0.878	9283.84	0.0008	P	4.9
3	☐	50.000	51.089	507741.68	0.0417	P	0.2
4	☐	125.000	126.972	1277152.61	0.1036	P	0.9
5	☐	250.000	254.081	2560175.08	0.2072	P	0.9
6	☐	500.000	506.675	5063157.62	0.4131	P	1.4
7	☐	1000.000	995.342	9828418.71	0.8115	A	1.2
8	☐			3611.67	0.0003	P	2.4

$$y = 8.1522\text{E-}004 * x + 4.7158\text{E-}005$$

$$R = 1.0000$$

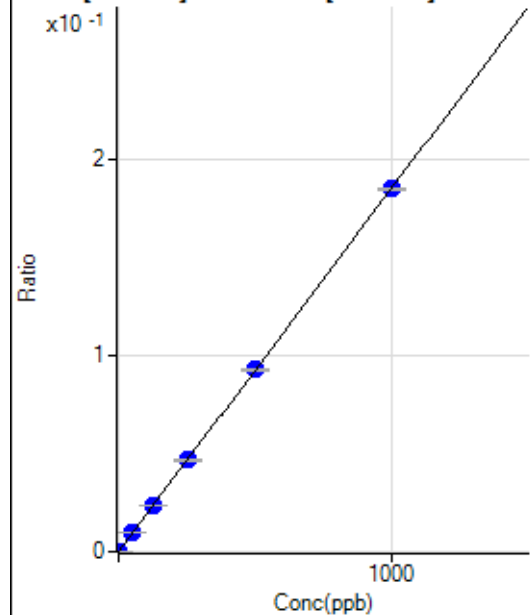
$$DL = 0.01783$$

$$BEC = 0.05785$$

Weight: <None>

Min Conc: 0

91 Zr [No Gas] ISTD : 89 Y [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	136.11	0.0000	P	12.7
2	☐	1.000	0.872	2102.99	0.0002	P	7.3
3	☐	50.000	50.758	114767.42	0.0094	P	1.6
4	☐	125.000	126.292	289000.70	0.0234	P	1.0
5	☐	250.000	252.256	578257.28	0.0468	P	0.7
6	☐	500.000	500.783	1138460.69	0.0929	P	1.6
7	☐	1000.000	998.845	2243858.06	0.1853	P	0.8
8	☐			733.37	0.0001	P	14.4

$$y = 1.8546\text{E-}004 * x + 1.1054\text{E-}005$$

$$R = 1.0000$$

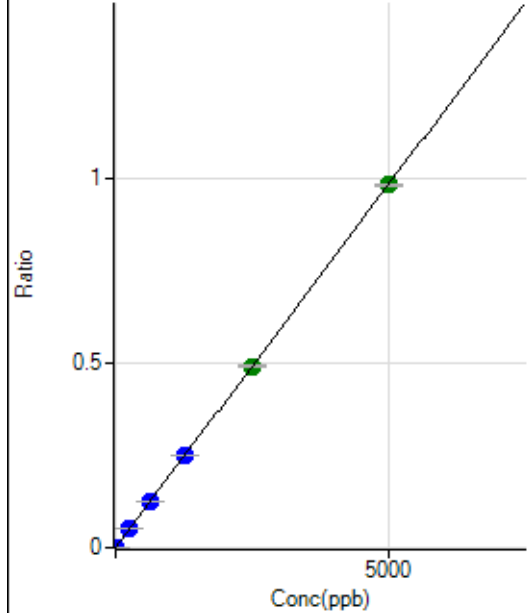
$$DL = 0.02263$$

$$BEC = 0.0596$$

Weight: <None>

Min Conc: 0

94 Mo [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	180.56	0.0000	P	17.7
2	☐	5.000	4.638	11301.92	0.0009	P	2.3
3	☐	250.000	257.497	618288.29	0.0508	P	0.6
4	☐	625.000	636.013	1546411.90	0.1254	P	0.7
5	☐	1250.000	1273.797	3103053.02	0.2511	P	0.3
6	☐	2500.000	2493.097	6023726.39	0.4915	A	1.3
7	☐	5000.000	4995.751	11927975.87	0.9848	A	0.4
8	☐			8041.37	0.0007	P	5.3

$$y = 1.9712\text{E-}004 * x + 1.4670\text{E-}005$$

$$R = 1.0000$$

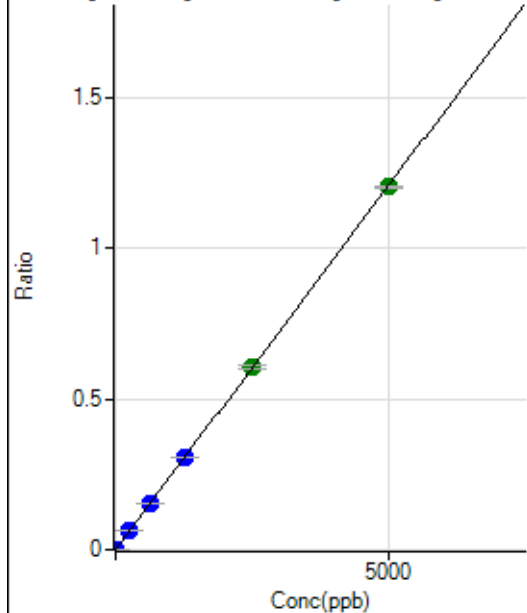
$$DL = 0.03957$$

$$BEC = 0.07442$$

Weight: <None>

Min Conc: 0

95 Mo [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	11.11	0.0000	P	86.6
2	☐	5.000	4.737	13923.80	0.0011	P	0.6
3	☐	250.000	257.697	757576.40	0.0622	P	0.8
4	☐	625.000	636.492	1894977.52	0.1537	P	1.2
5	☐	1250.000	1269.217	3786289.23	0.3064	P	0.7
6	☐	2500.000	2519.497	7454560.32	0.6082	A	2.0
7	☐	5000.000	4983.626	14572255.71	1.2031	A	0.3
8	☐			11502.10	0.0010	P	2.6

$$y = 2.4141\text{E-}004 * x + 9.0387\text{E-}007$$

$$R = 1.0000$$

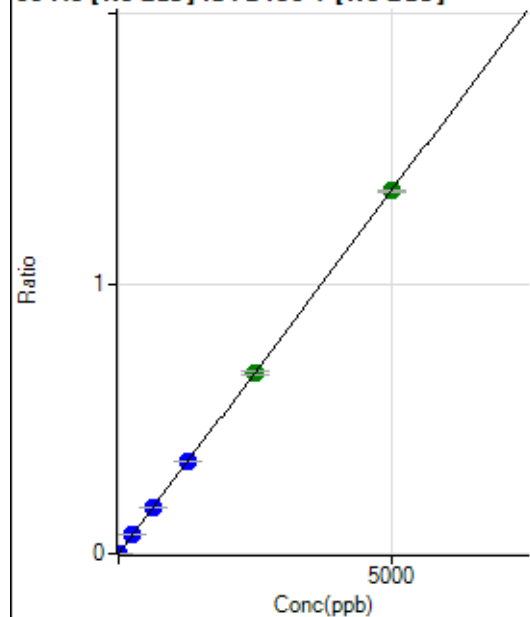
$$DL = 0.009728$$

$$BEC = 0.003744$$

Weight: <None>

Min Conc: 0

96 Mo [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	69.44	0.0000	P	14.1
2	☐	5.000	4.680	15394.79	0.0013	P	4.6
3	☐	250.000	257.381	843669.64	0.00693	P	0.2
4	☐	625.000	636.717	2113676.02	0.01714	P	0.8
5	☐	1250.000	1266.830	4213717.37	0.03410	P	0.2
6	☐	2500.000	2492.604	8223326.40	0.06709	A	1.3
7	☐	5000.000	4997.657	16293216.68	0.13452	A	0.3
8	☐			13147.98	0.0011	P	3.3

$$y = 2.6916E-004 * x + 5.6415E-006$$

$$R = 1.0000$$

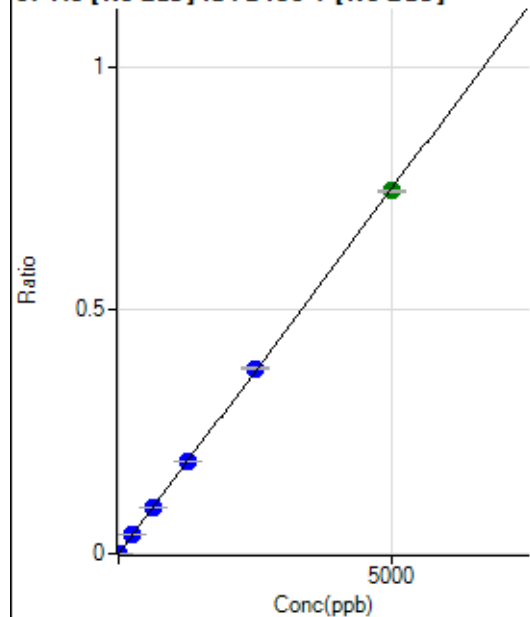
$$DL = 0.00885$$

$$BEC = 0.02096$$

Weight: <None>

Min Conc: 0

97 Mo [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	4.473	8155.27	0.0007	P	3.0
3	☐	250.000	257.852	470561.36	0.00386	P	0.5
4	☐	625.000	634.058	1171865.46	0.00950	P	1.4
5	☐	1250.000	1272.005	2355673.03	0.01906	P	0.1
6	☐	2500.000	2538.818	4663294.59	0.03805	P	1.6
7	☐	5000.000	4973.565	9028083.79	0.07454	A	0.7
8	☐			7065.79	0.0006	P	1.1

$$y = 1.4987E-004 * x + 0.0000E+000$$

$$R = 0.9999$$

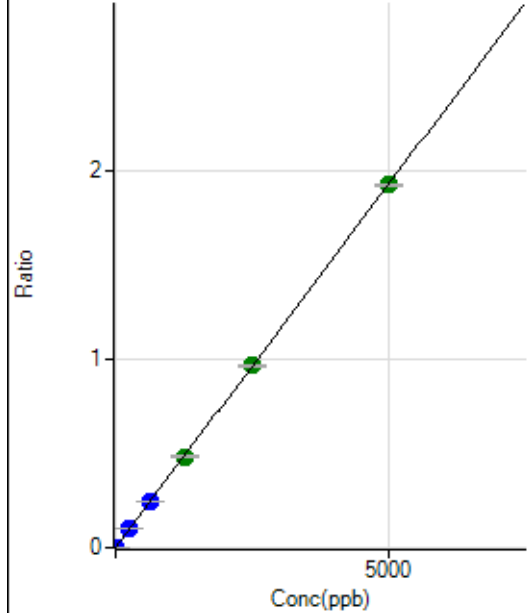
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

98 Mo [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	19.44	0.0000	P	49.5
2	☐	5.000	4.608	21658.44	0.0018	P	2.6
3	☐	250.000	259.021	1217651.04	0.1000	P	0.7
4	☐	625.000	635.580	3026036.85	0.2454	P	0.8
5	☐	1250.000	1255.056	5987208.90	0.4845	A	0.4
6	☐	2500.000	2508.219	11867727.00	0.9683	A	1.4
7	☐	5000.000	4992.854	23345606.08	1.9275	A	0.3
8	☐			18295.50	0.0016	P	3.9

$$y = 3.8604\text{E-}004 * x + 1.5791\text{E-}006$$

$$R = 1.0000$$

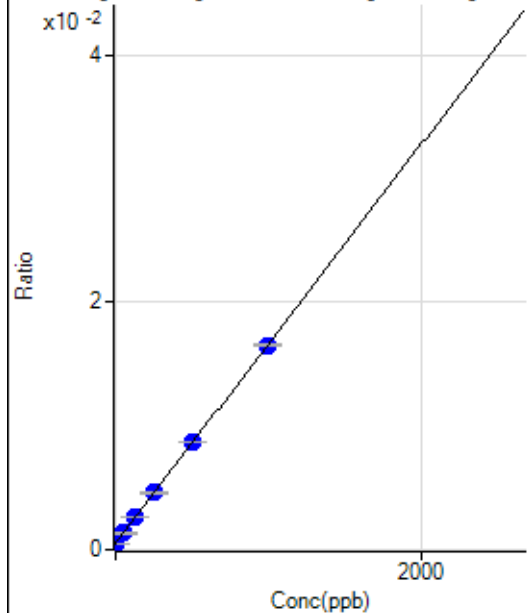
$$DL = 0.006073$$

$$BEC = 0.00409$$

Weight: <None>

Min Conc: 0

106 Cd [No Gas] ISTD:159 Tb [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4895.40	0.0005	P	6.8
2	☐	1.000	-0.663	4817.63	0.0005	P	6.0
3	☐	50.000	51.420	12847.75	0.0013	P	4.3
4	☐	125.000	128.884	24989.11	0.0026	P	1.7
5	☐	250.000	255.209	45211.42	0.0046	P	2.1
6	☐	500.000	508.360	85430.88	0.0087	P	0.5
7	☐	1000.000	993.963	161635.39	0.0165	P	1.3
8	☐			4920.41	0.0005	P	6.5

$$y = 1.6109\text{E-}005 * x + 5.1821\text{E-}004$$

$$R = 0.9999$$

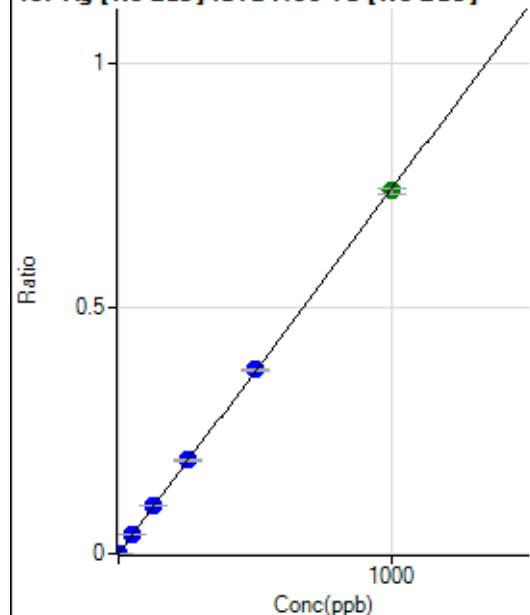
$$DL = 6.52$$

$$BEC = 32.17$$

Weight: <None>

Min Conc: 0

107 Ag [No Gas] ISTD :159 Tb [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	69.44	0.0000	P	48.3
2	☐	1.000	0.937	6671.19	0.0007	P	6.8
3	☐	50.000	53.405	378233.53	0.0396	P	1.4
4	☐	125.000	131.879	942971.32	0.0979	P	1.5
5	☐	250.000	256.620	1860462.22	0.1905	P	0.9
6	☐	500.000	504.079	3671164.01	0.3742	P	0.2
7	☐	1000.000	995.276	7223948.60	0.7388	A	1.5
8	☐			4061.81	0.0004	P	1.6

$$y = 7.4230E-004 * x + 7.3427E-006$$

$$R = 0.9999$$

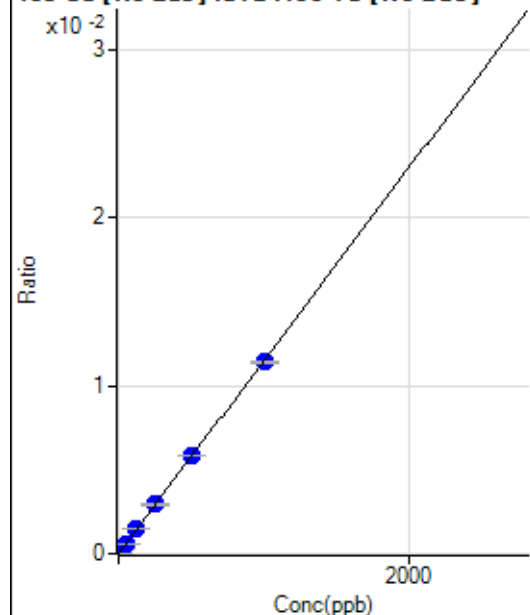
$$DL = 0.01432$$

$$BEC = 0.009892$$

Weight: <None>

Min Conc: 0

108 Cd [No Gas] ISTD :159 Tb [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	12.50	0.0000	P	57.8
2	☐	1.000	1.464	172.22	0.0000	P	15.4
3	☐	50.000	51.835	5690.10	0.0006	P	2.4
4	☐	125.000	130.567	14449.12	0.0015	P	2.9
5	☐	250.000	256.511	28769.42	0.0029	P	2.8
6	☐	500.000	508.152	57242.39	0.0058	P	0.5
7	☐	1000.000	993.508	111531.58	0.0114	P	1.1
8	☐			134.73	0.0000	P	22.7

$$y = 1.1479E-005 * x + 1.3229E-006$$

$$R = 0.9999$$

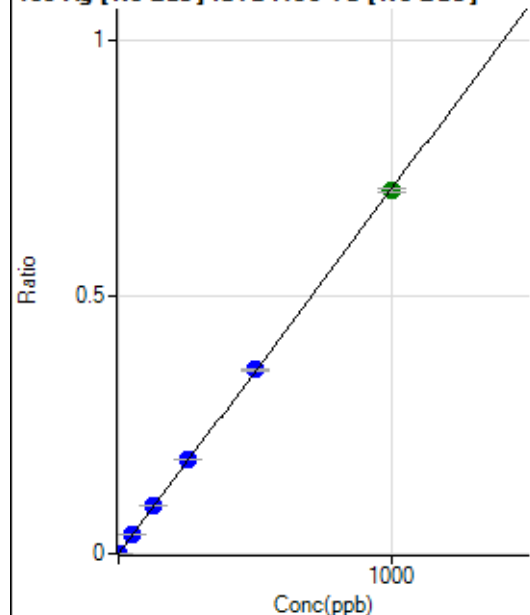
$$DL = 0.1998$$

$$BEC = 0.1152$$

Weight: <None>

Min Conc: 0

109 Ag [No Gas] ISTD :159 Tb [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	22.22	0.0000	P	57.5
2	☐	1.000	0.945	6379.37	0.0007	P	3.8
3	☐	50.000	53.252	360182.87	0.0378	P	1.5
4	☐	125.000	131.683	899337.57	0.0934	P	0.4
5	☐	250.000	258.170	1787676.10	0.1830	P	0.6
6	☐	500.000	504.051	3506113.45	0.3574	P	0.8
7	☐	1000.000	994.934	6897619.69	0.7054	A	1.2
8	☐			3945.09	0.0004	P	8.7

$$y = 7.0899\text{E-}004 * x + 2.3547\text{E-}006$$

$$R = 0.9999$$

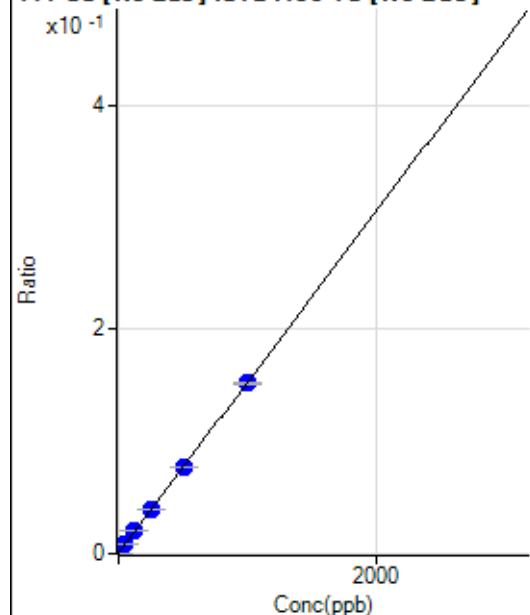
$$DL = 0.005728$$

$$BEC = 0.003321$$

Weight: <None>

Min Conc: 0

111 Cd [No Gas] ISTD :159 Tb [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3449.98	0.0004	P	6.3
2	☐	1.000	1.091	5047.76	0.0005	P	3.5
3	☐	50.000	52.285	79603.61	0.0083	P	1.3
4	☐	125.000	130.415	195218.35	0.0203	P	1.1
5	☐	250.000	256.069	385219.66	0.0394	P	0.7
6	☐	500.000	507.313	763145.32	0.0778	P	0.3
7	☐	1000.000	994.035	1486897.49	0.1521	P	1.2
8	☐			4094.45	0.0004	P	5.8

$$y = 1.5261\text{E-}004 * x + 3.6520\text{E-}004$$

$$R = 0.9999$$

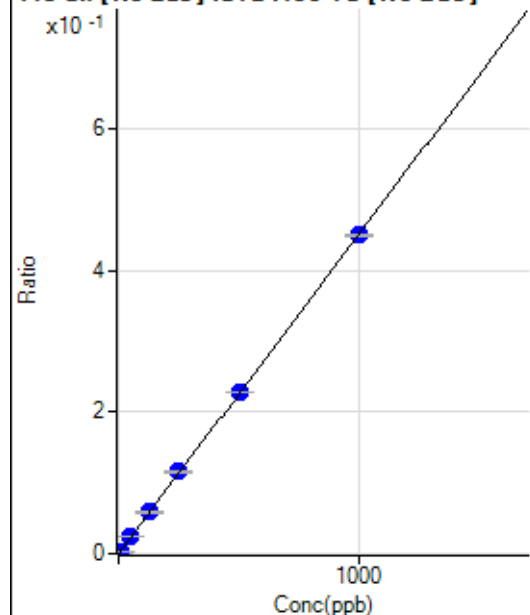
$$DL = 0.4529$$

$$BEC = 2.393$$

Weight: <None>

Min Conc: 0

118 Sn [No Gas] ISTD:159 Tb [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	355.57	0.0000	P	21.9
2	☐	5.000	4.652	20303.92	0.0021	P	3.0
3	☐	50.000	51.641	222882.32	0.0234	P	1.1
4	☐	125.000	129.407	563394.68	0.0585	P	1.2
5	☐	250.000	255.666	1128253.90	0.1155	P	0.5
6	☐	500.000	505.195	2239254.50	0.2282	P	0.5
7	☐	1000.000	995.355	4396836.12	0.4496	P	0.9
8	☐			3467.18	0.0004	P	0.3

$$y = 4.5170\text{E-}004 * x + 3.7651\text{E-}005$$

$$R = 1.0000$$

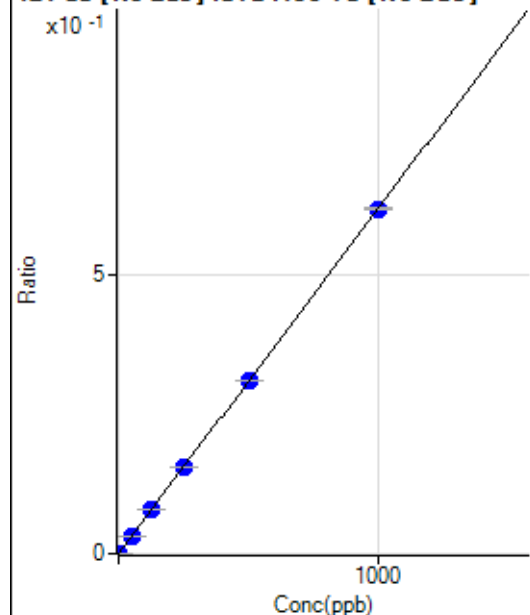
$$DL = 0.05477$$

$$BEC = 0.08335$$

Weight: <None>

Min Conc: 0

121 Sb [No Gas] ISTD:159 Tb [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19.44	0.0000	P	49.4
2	☐	2.000	1.761	10345.70	0.0011	P	5.6
3	☐	50.000	51.367	302803.71	0.0317	P	0.3
4	☐	125.000	128.424	764307.82	0.0794	P	1.3
5	☐	250.000	252.849	1525822.71	0.1562	P	0.2
6	☐	500.000	501.384	3039337.98	0.3098	P	0.3
7	☐	1000.000	998.100	6030440.15	0.6167	P	0.2
8	☐			4976.02	0.0005	P	5.3

$$y = 6.1786\text{E-}004 * x + 2.0562\text{E-}006$$

$$R = 1.0000$$

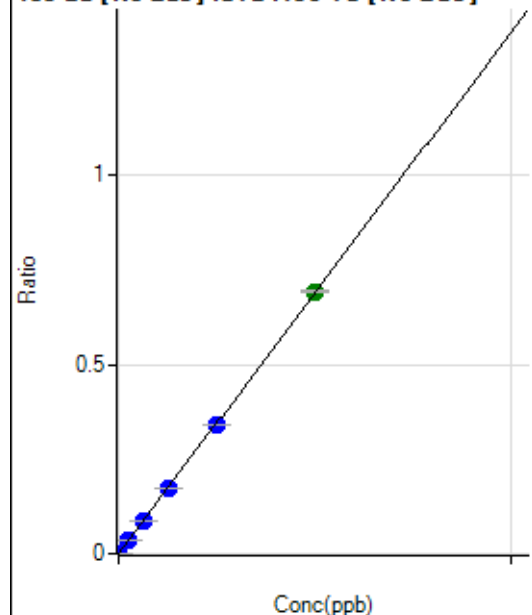
$$DL = 0.004928$$

$$BEC = 0.003328$$

Weight: <None>

Min Conc: 0

135 Ba [No Gas] ISTD :159 Tb [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13.89	0.0000	P	91.6
2	☐	10.000	8.932	11727.44	0.0012	P	2.6
3	☐	250.000	251.180	331077.49	0.0347	P	0.6
4	☐	625.000	621.920	827657.09	0.0859	P	1.0
5	☐	1250.000	1242.820	1677064.00	0.1717	P	1.2
6	☐	2500.000	2460.847	3335628.20	0.3400	P	0.7
7	☐	5000.000	5021.700	6784489.56	0.6938	A	0.9
8	☐			12213.92	0.0013	P	1.8

$$y = 1.3816E-004 * x + 1.4674E-006$$

$$R = 1.0000$$

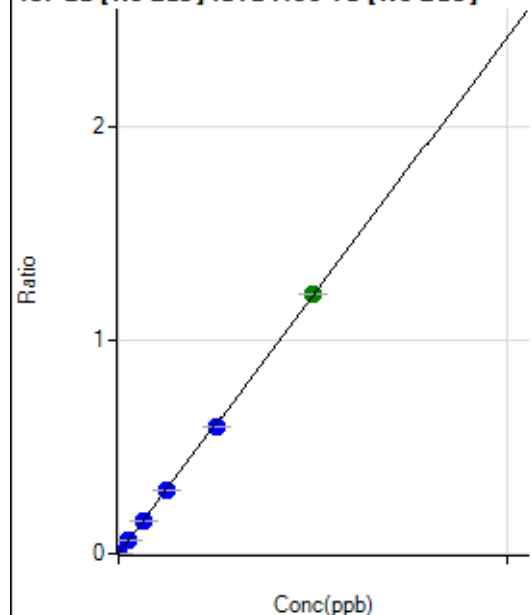
$$DL = 0.02917$$

$$BEC = 0.01062$$

Weight: <None>

Min Conc: 0

137 Ba [No Gas] ISTD :159 Tb [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	30.56	0.0000	P	87.6
2	☐	10.000	8.995	20743.67	0.0022	P	2.0
3	☐	250.000	250.089	578625.87	0.0607	P	1.1
4	☐	625.000	621.664	1452195.86	0.1508	P	1.5
5	☐	1250.000	1239.351	2935508.49	0.3006	P	0.7
6	☐	2500.000	2463.613	5861873.83	0.5975	P	0.2
7	☐	5000.000	5021.270	11908009.81	1.2178	A	0.3
8	☐			21283.41	0.0023	P	1.3

$$y = 2.4252E-004 * x + 3.2288E-006$$

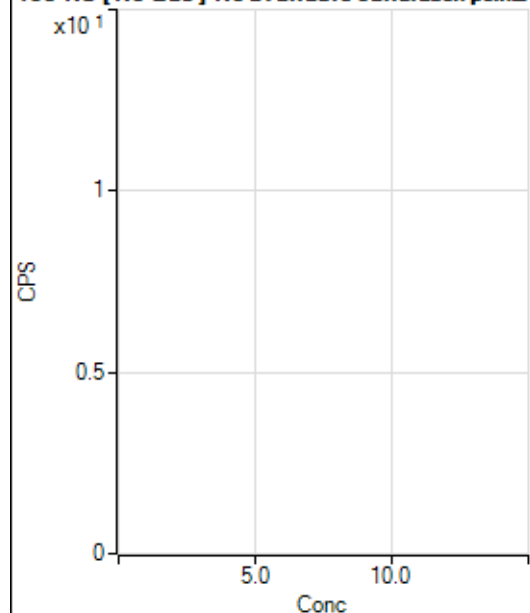
$$R = 1.0000$$

$$DL = 0.035$$

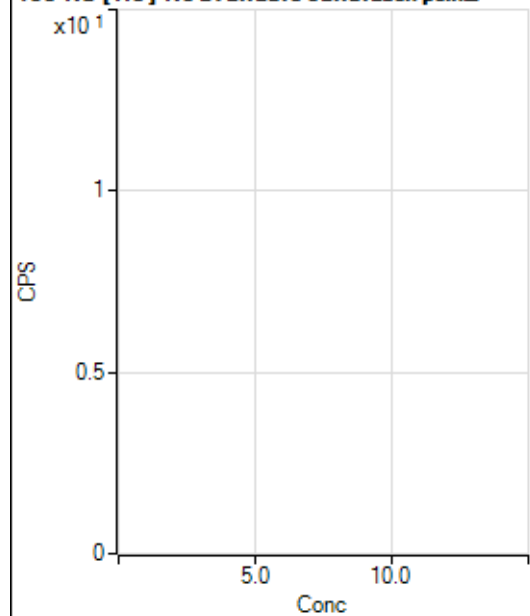
$$BEC = 0.01331$$

Weight: <None>

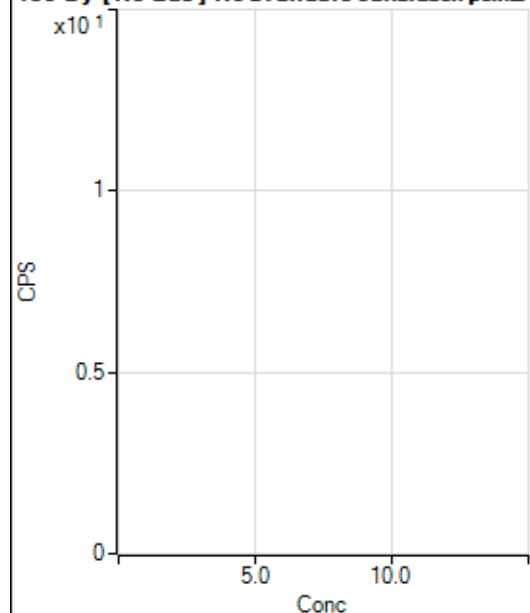
Min Conc: 0

150 Nd [No Gas] No available calibration points

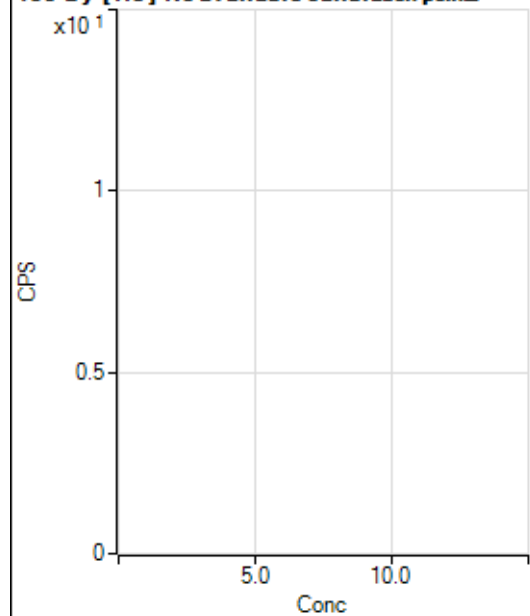
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	100.0
2	☐			2.22		P	173.2
3	☐			26.66		P	43.3
4	☐			57.78		P	17.6
5	☐			108.89		P	49.5
6	☐			200.01		P	8.8
7	☐			404.46		P	22.7
8	☐			28.89		P	53.3

150 Nd [He] No available calibration points

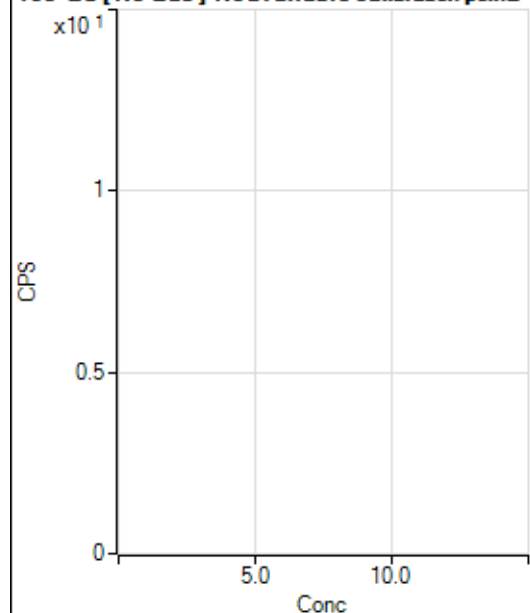
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐			0.00		P	
3	☐			4.44		P	173.2
4	☐			14.44		P	53.3
5	☐			10.00		P	66.7
6	☐			27.78		P	36.7
7	☐			62.22		P	17.2
8	☐			12.22		P	41.7

156 Dy [No Gas] No available calibration points

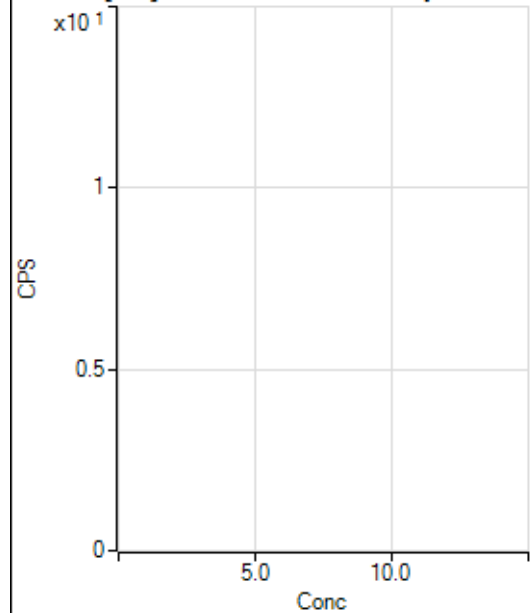
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	86.6
2	☐			11.11		P	43.3
3	☐			19.45		P	107.9
4	☐			38.89		P	65.5
5	☐			58.34		P	37.8
6	☐			108.34		P	33.5
7	☐			263.90		P	31.8
8	☐			433.35		P	5.8

156 Dy [He] No available calibration points

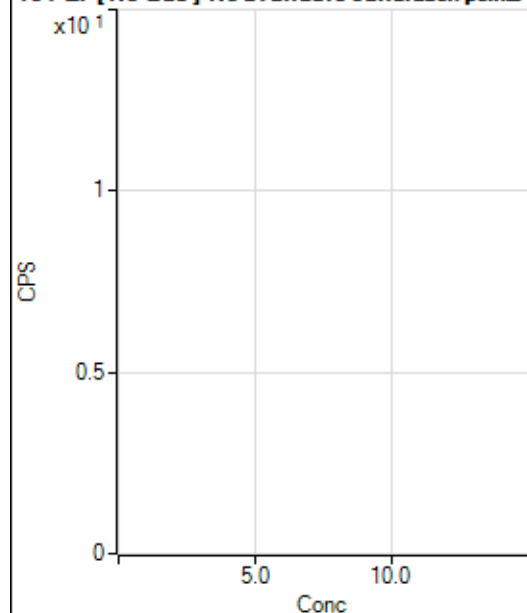
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	50.0
2	☐			6.66		P	86.6
3	☐			16.67		P	34.6
4	☐			24.45		P	79.9
5	☐			37.78		P	20.4
6	☐			72.22		P	14.8
7	☐			126.67		P	12.1
8	☐			231.12		P	19.2

160 Gd [No Gas] Noavailable calibration poin...

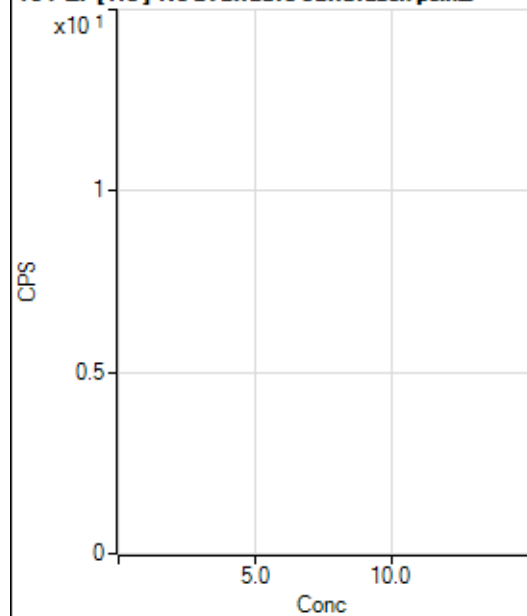
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			91.67		P	32.8
2	☐			77.78		P	37.6
3	☐			83.34		P	17.3
4	☐			102.78		P	24.8
5	☐			150.00		P	16.7
6	☐			125.00		P	17.6
7	☐			180.56		P	14.8
8	☐			600.03		P	14.1

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			101.11		P	11.6
2	☐			108.89		P	15.1
3	☐			112.22		P	12.0
4	☐			112.23		P	11.2
5	☐			145.56		P	21.3
6	☐			150.00		P	16.0
7	☐			174.45		P	14.1
8	☐			401.13		P	8.3

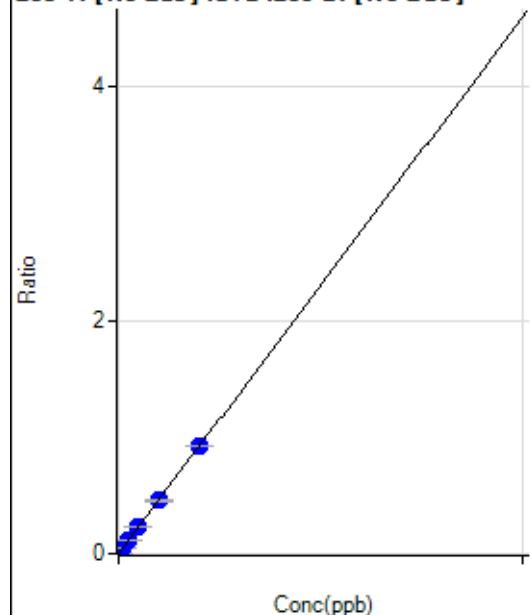
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			69.45		P	56.7
2	☐			61.11		P	39.4
3	☐			47.22		P	44.4
4	☐			55.56		P	37.8
5	☐			50.00		P	44.1
6	☐			44.45		P	65.8
7	☐			86.12		P	24.4
8	☐			80.56		P	15.8

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			26.67		P	12.5
2	☐			24.45		P	15.8
3	☐			27.78		P	13.9
4	☐			34.44		P	29.6
5	☐			15.56		P	12.4
6	☐			23.33		P	79.5
7	☐			54.44		P	33.7
8	☐			53.33		P	37.5

203 Tl [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	113.89	0.0000	P	36.4
2	☐	1.000	0.900	4959.40	0.0008	P	5.5
3	☐	50.000	48.705	265018.91	0.0448	P	0.9
4	☐	125.000	123.866	674219.18	0.1138	P	0.9
5	☐	250.000	246.004	1346471.74	0.2260	P	0.5
6	☐	500.000	493.762	2715719.83	0.4535	P	0.9
7	☐	1000.000	1004.324	5402713.27	0.9225	P	0.0
8	☐			1952.98	0.0004	P	11.2

$$y = 9.1850\text{E-}004 * x + 1.9397\text{E-}005$$

$$R = 1.0000$$

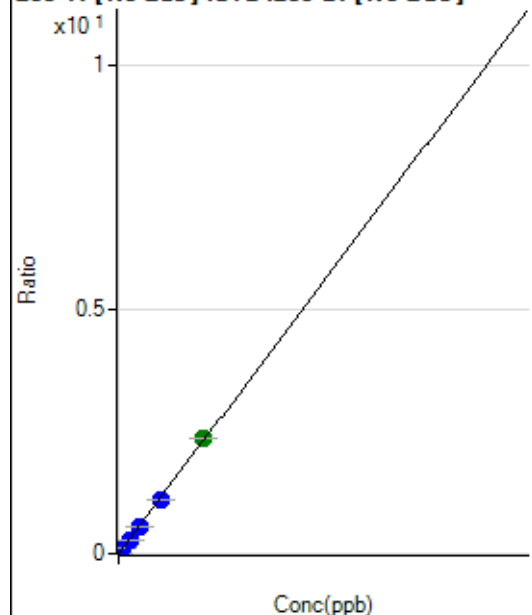
$$DL = 0.02308$$

$$BEC = 0.02112$$

Weight: <None>

Min Conc: 0

205 Tl [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	238.90	0.0000	P	20.6
2	☐	1.000	0.829	11455.25	0.0020	P	3.5
3	☐	50.000	46.655	638473.26	0.1078	P	0.7
4	☐	125.000	117.417	1607423.17	0.2713	P	1.2
5	☐	250.000	234.746	3231537.42	0.5423	P	0.8
6	☐	500.000	474.087	6558568.20	1.0953	P	0.3
7	☐	1000.000	1017.886	13772236.59	2.3515	A	0.2
8	☐			4525.91	0.0008	P	8.8

$$y = 0.0023 * x + 4.0707\text{E-}005$$

$$R = 0.9994$$

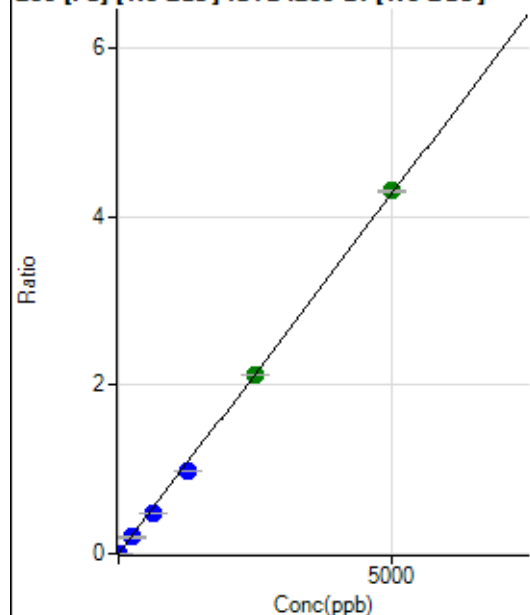
$$DL = 0.01088$$

$$BEC = 0.01762$$

Weight: <None>

Min Conc: 0

206 [Pb] [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	375.94	0.0001	P	15.3
2	☐	1.000	0.776	4252.60	0.0007	P	2.6
3	☐	250.000	227.680	1150144.15	0.1942	P	1.0
4	☐	625.000	568.956	2875335.36	0.4853	P	0.6
5	☐	1250.000	1145.138	5819418.71	0.9767	P	0.3
6	☐	2500.000	2481.243	12671401.21	2.1161	A	0.4
7	☐	5000.000	5043.716	25191789.68	4.3014	A	0.2
8	☐			30978.73	0.0057	P	2.6

$$y = 8.5282\text{E-}004 * x + 6.4116\text{E-}005$$

$$R = 0.9997$$

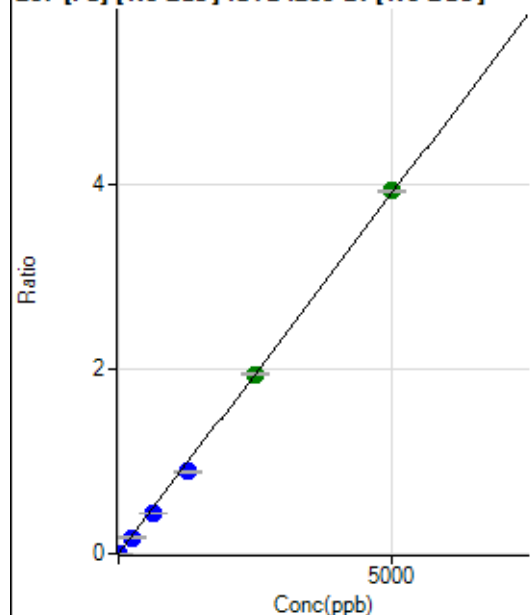
$$DL = 0.03452$$

$$BEC = 0.07518$$

Weight: <None>

Min Conc: 0

207 [Pb] [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	300.01	0.0001	P	9.4
2	☐	1.000	0.774	3828.40	0.0007	P	1.3
3	☐	250.000	226.290	1042141.64	0.1760	P	1.2
4	☐	625.000	570.503	2628549.31	0.4436	P	1.0
5	☐	1250.000	1138.549	5274970.03	0.8853	P	0.8
6	☐	2500.000	2487.371	11581114.96	1.9340	A	1.2
7	☐	5000.000	5042.175	22960293.34	3.9204	A	0.6
8	☐			28580.89	0.0052	P	3.9

$$y = 7.7752\text{E-}004 * x + 5.1141\text{E-}005$$

$$R = 0.9997$$

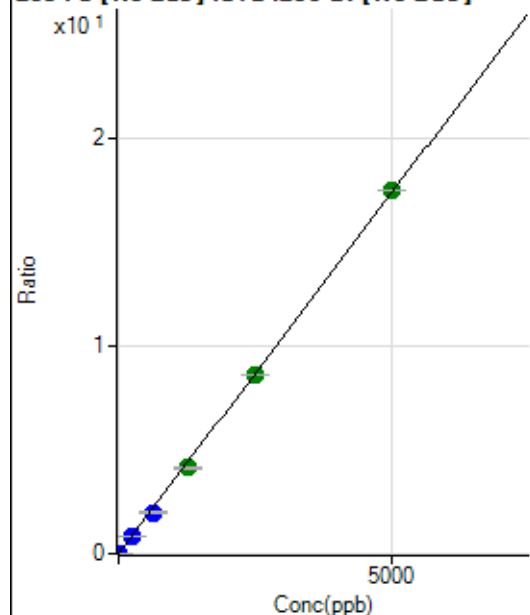
$$DL = 0.01855$$

$$BEC = 0.06577$$

Weight: <None>

Min Conc: 0

208 Pb [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1557.47	0.0003	P	1.0
2	☐	1.000	0.769	17241.71	0.0029	P	1.1
3	☐	250.000	228.000	4698713.46	0.7935	P	0.8
4	☐	625.000	573.305	11819792.68	1.9949	P	0.4
5	☐	1250.000	1190.084	24672203.86	4.1407	A	0.6
6	☐	2500.000	2479.632	51660059.14	8.6272	A	0.4
7	☐	5000.000	5032.725	102547405.9	17.5096	A	0.1
8	☐			126910.46	0.0232	P	2.4

$$y = 0.0035 * x + 2.6555E-004$$

$$R = 0.9999$$

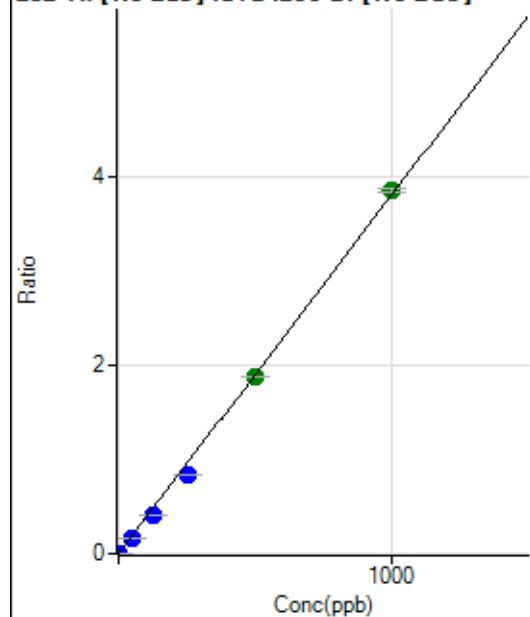
$$DL = 0.002216$$

$$BEC = 0.07633$$

Weight: <None>

Min Conc: 0

232 Th [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	616.69	0.0001	P	9.0
2	☐	1.000	-0.004	529.65	0.0001	P	14.9
3	☐	50.000	42.977	969917.58	0.1638	P	0.6
4	☐	125.000	108.515	2449520.66	0.4134	P	0.5
5	☐	250.000	220.943	5014644.27	0.8416	P	1.5
6	☐	500.000	494.839	11286230.46	1.8848	A	0.5
7	☐	1000.000	1012.257	22579880.14	3.8555	A	0.9
8	☐			4254.48	0.0008	P	5.1

$$y = 0.0038 * x + 1.0516E-004$$

$$R = 0.9995$$

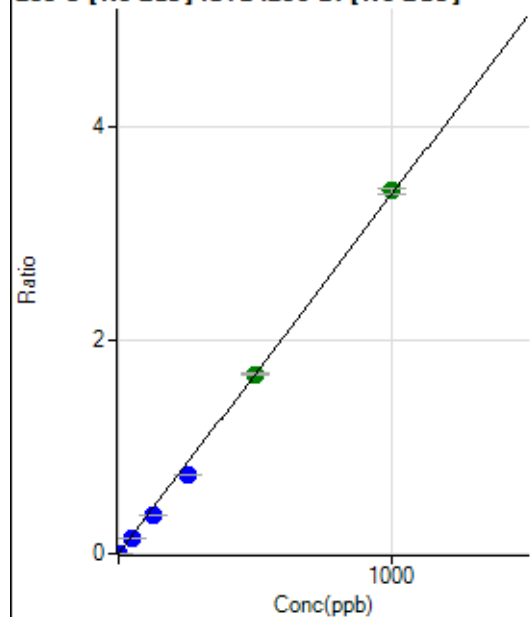
$$DL = 0.007496$$

$$BEC = 0.02761$$

Weight: <None>

Min Conc: 0

238 U [No Gas] ISTD :209 Bi [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	35.15	0.0000	P	15.6
2	☐	1.000	0.800	15821.54	0.0027	P	3.5
3	☐	50.000	43.020	857994.16	0.1449	P	1.3
4	☐	125.000	108.543	2166122.47	0.3656	P	0.3
5	☐	250.000	219.900	4412980.69	0.7406	P	1.2
6	☐	500.000	499.033	10064071.95	1.6808	A	0.7
7	☐	1000.000	1010.415	19929977.69	3.4031	A	1.3
8	☐			1775.67	0.0003	P	10.0

$$y = 0.0034 * x + 5.9962E-006$$

$$R = 0.9995$$

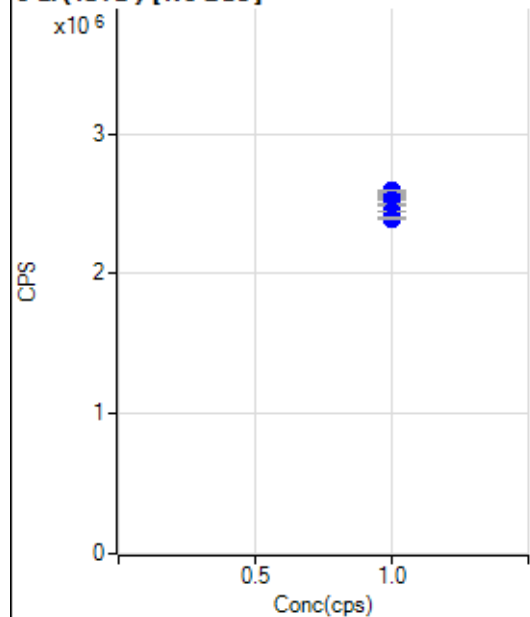
$$DL = 0.0008343$$

$$BEC = 0.00178$$

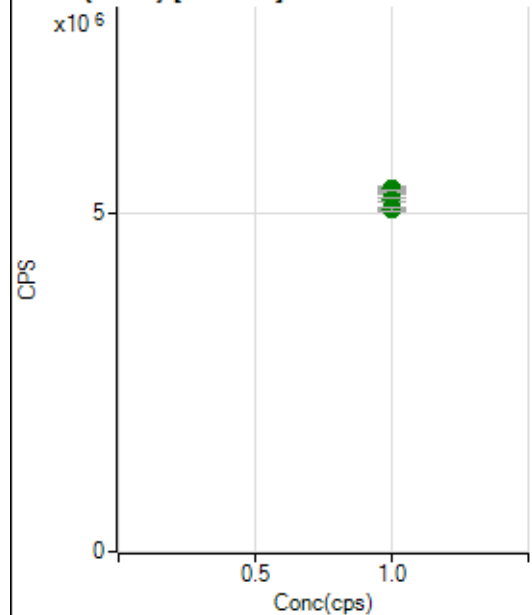
Weight: <None>

Min Conc: 0

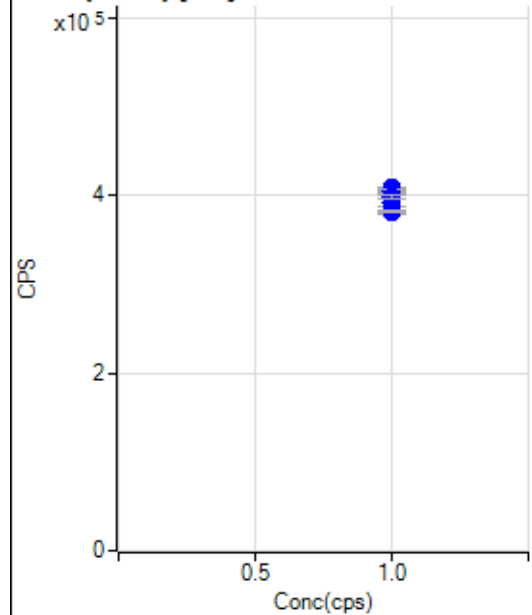
6 Li (ISTD) [No Gas]



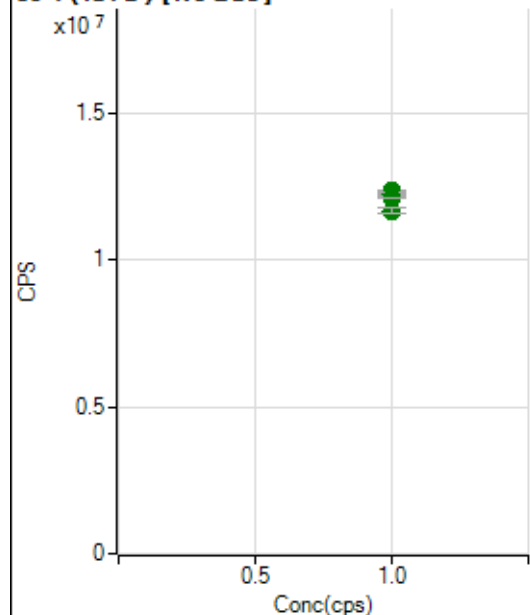
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		2542871.87		P	0.5
2	☐	1.000		2553380.74		P	0.2
3	☐	1.000		2582374.72		P	0.6
4	☐	1.000		2591564.18		P	0.6
5	☐	1.000		2531420.74		P	0.2
6	☐	1.000		2497519.98		P	0.5
7	☐	1.000		2442677.74		P	0.2
8	☐	1.000		2395764.37		P	0.9

45 Sc (ISTD) [No Gas]

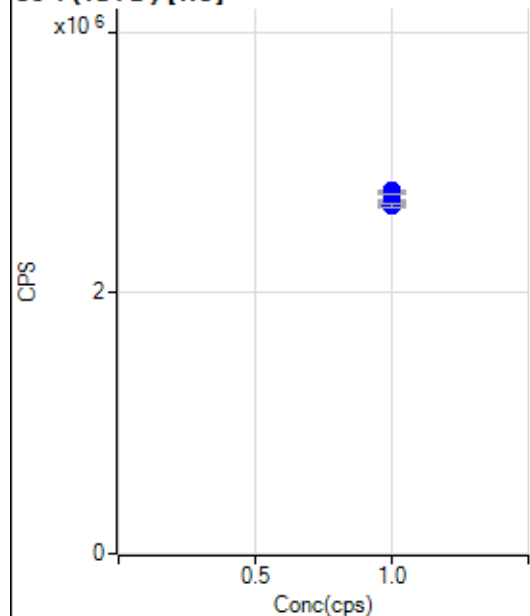
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5328555.13		A	1.3
2	☐	1.000		5321576.59		A	1.1
3	☐	1.000		5346402.60		A	0.5
4	☐	1.000		5366876.00		A	1.1
5	☐	1.000		5345196.24		A	0.6
6	☐	1.000		5202869.96		A	1.4
7	☐	1.000		5083897.36		A	0.8
8	☐	1.000		5065787.77		A	1.5

45 Sc (ISTD) [He]

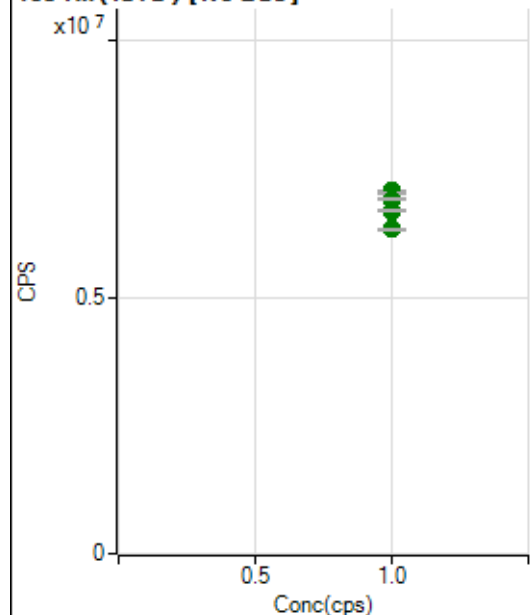
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		408506.04		P	0.7
2	☐	1.000		405482.88		P	0.4
3	☐	1.000		404632.10		P	1.1
4	☐	1.000		392062.03		P	2.1
5	☐	1.000		397761.68		P	1.0
6	☐	1.000		383082.74		P	0.6
7	☐	1.000		380930.56		P	1.1
8	☐	1.000		381704.54		P	0.6

89 Y (ISTD) [No Gas]

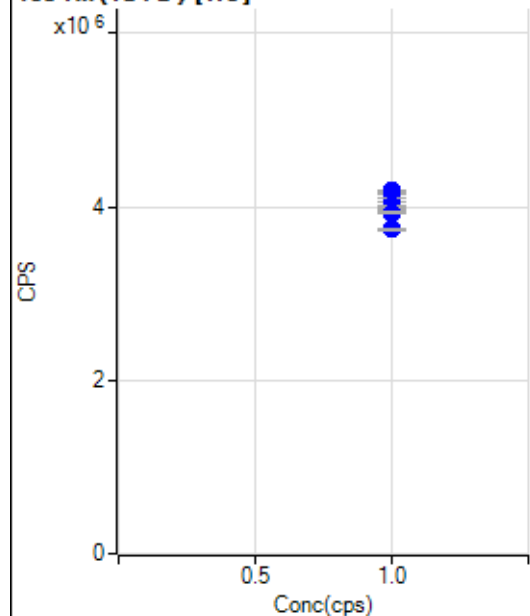
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12312177.73		A	0.3
2	☐	1.000		12166122.60		A	0.5
3	☐	1.000		12177148.15		A	0.4
4	☐	1.000		12333560.51		A	1.1
5	☐	1.000		12357317.87		A	0.2
6	☐	1.000		12257430.10		A	0.9
7	☐	1.000		12112184.68		A	0.4
8	☐	1.000		11677160.52		A	1.5

89 Y (ISTD) [He]

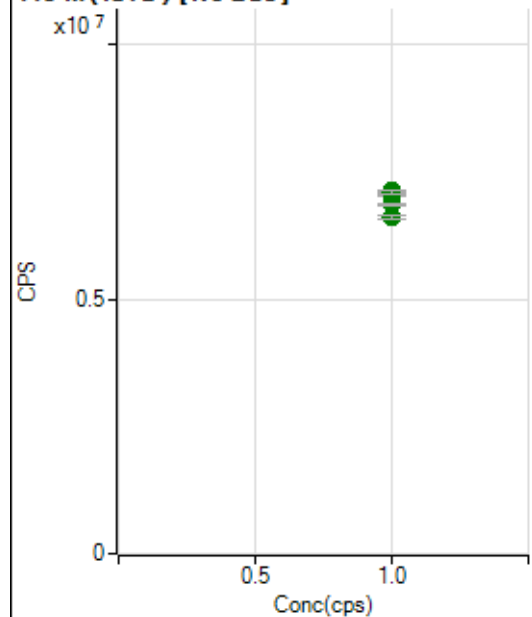
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2776016.28		P	0.4
2	☐	1.000		2781726.17		P	0.6
3	☐	1.000		2760948.31		P	0.4
4	☐	1.000		2693099.70		P	1.8
5	☐	1.000		2757068.69		P	0.3
6	☐	1.000		2687001.23		P	0.4
7	☐	1.000		2674508.90		P	1.1
8	☐	1.000		2669004.73		P	0.7

103 Rh (ISTD) [No Gas]

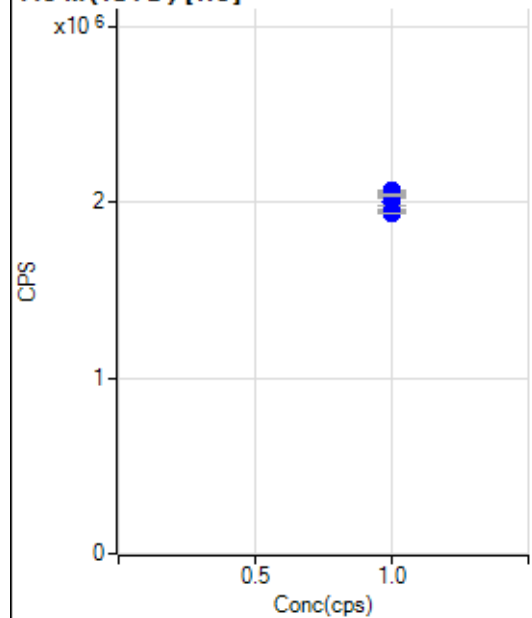
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7053225.80		A	0.4
2	☐	1.000		7046142.53		A	0.6
3	☐	1.000		7039647.81		A	0.7
4	☐	1.000		7071022.88		A	0.4
5	☐	1.000		7019091.14		A	0.5
6	☐	1.000		6908923.79		A	0.5
7	☐	1.000		6679764.97		A	0.5
8	☐	1.000		6319276.02		A	0.6

103 Rh (ISTD) [He]

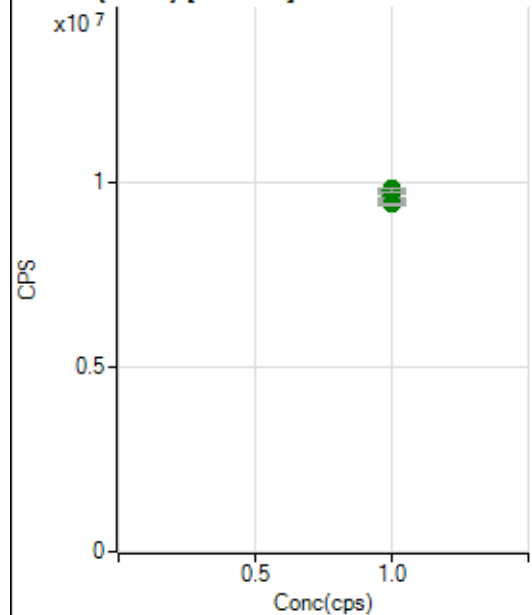
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4155631.78		P	0.1
2	☐	1.000		4181275.95		P	0.9
3	☐	1.000		4147108.86		P	0.3
4	☐	1.000		4013552.79		P	2.6
5	☐	1.000		4099239.00		P	0.4
6	☐	1.000		4004077.13		P	0.7
7	☐	1.000		3926623.21		P	0.7
8	☐	1.000		3734869.25		P	0.5

115 In (ISTD) [No Gas]

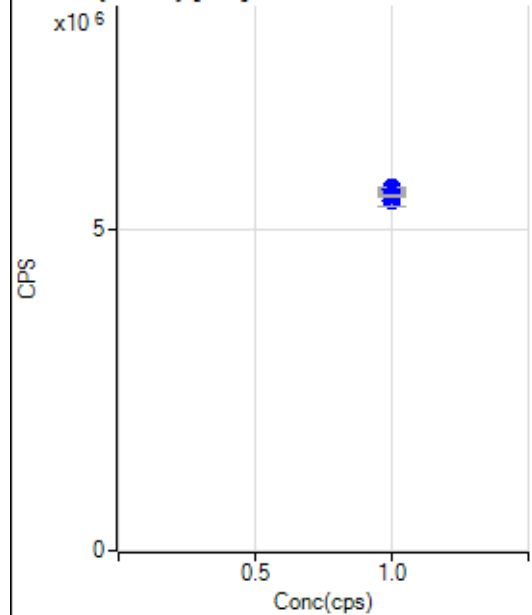
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7038901.18		A	0.8
2	☐	1.000		7093336.52		A	0.5
3	☐	1.000		7068787.00		A	0.5
4	☐	1.000		7124839.98		A	0.4
5	☐	1.000		7093364.42		A	0.5
6	☐	1.000		7104278.11		A	1.0
7	☐	1.000		6863245.83		A	0.8
8	☐	1.000		6608196.87		A	1.4

115 In (ISTD) [He]

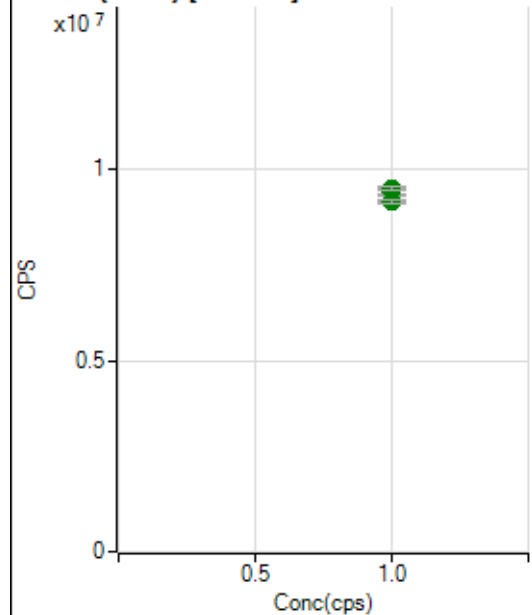
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2062888.45		P	0.2
2	☐	1.000		2058672.71		P	0.7
3	☐	1.000		2049846.66		P	0.7
4	☐	1.000		2000335.64		P	2.1
5	☐	1.000		2040497.55		P	0.2
6	☐	1.000		1979777.92		P	0.2
7	☐	1.000		1950721.61		P	0.7
8	☐	1.000		1932348.33		P	0.2

159 Tb (ISTD) [No Gas]

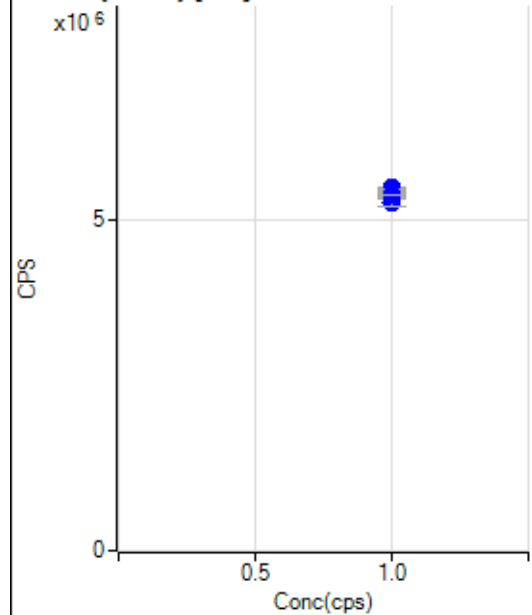
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9448157.43		A	0.3
2	☐	1.000		9493383.26		A	1.1
3	☐	1.000		9540160.83		A	0.8
4	☐	1.000		9632858.68		A	1.0
5	☐	1.000		9766612.77		A	0.4
6	☐	1.000		9811069.92		A	0.5
7	☐	1.000		9778810.97		A	0.8
8	☐	1.000		9388681.25		A	0.7

159 Tb (ISTD) [He]

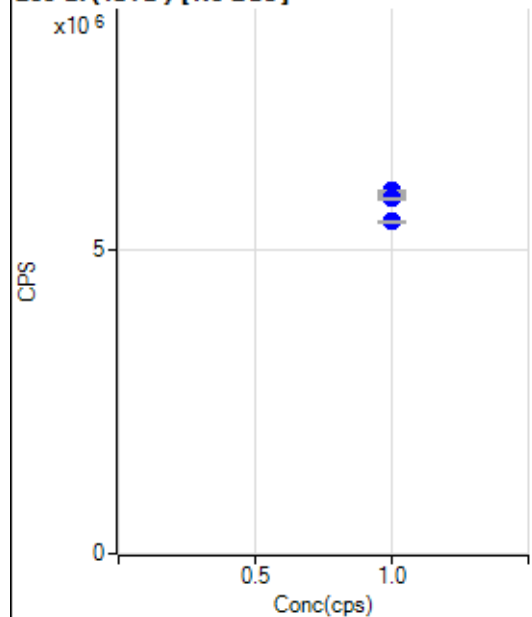
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5502156.17		P	0.3
2	☐	1.000		5506957.90		P	0.9
3	☐	1.000		5547631.38		P	0.7
4	☐	1.000		5421692.38		P	3.0
5	☐	1.000		5635420.89		P	0.4
6	☐	1.000		5594110.40		P	0.4
7	☐	1.000		5610690.96		P	1.0
8	☐	1.000		5518784.92		P	0.7

165 Ho (ISTD) [No Gas]

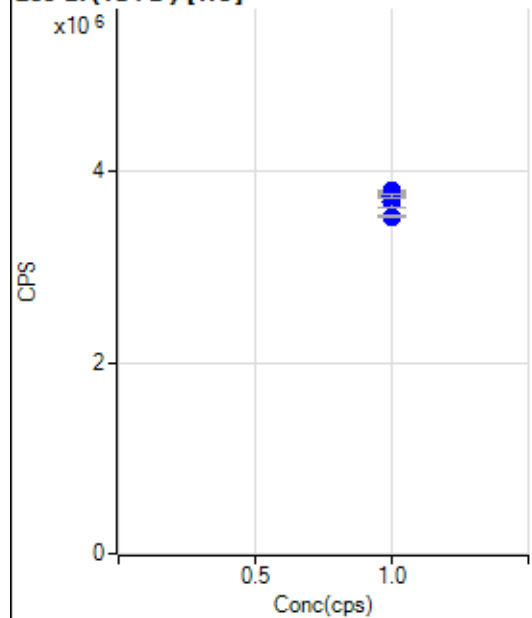
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9153442.92		A	0.1
2	☐	1.000		9180544.59		A	0.8
3	☐	1.000		9143593.26		A	0.7
4	☐	1.000		9340903.19		A	0.7
5	☐	1.000		9400199.09		A	1.4
6	☐	1.000		9490637.98		A	0.4
7	☐	1.000		9497942.77		A	1.1
8	☐	1.000		9161584.52		A	1.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5342087.52		P	0.5
2	☐	1.000		5340396.45		P	0.4
3	☐	1.000		5390643.91		P	0.6
4	☐	1.000		5262508.67		P	2.5
5	☐	1.000		5489913.53		P	0.5
6	☐	1.000		5449592.18		P	0.5
7	☐	1.000		5465715.54		P	0.5
8	☐	1.000		5389253.18		P	0.1

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5864909.84		P	0.6
2	☐	1.000		5860805.26		P	1.0
3	☐	1.000		5921620.40		P	0.5
4	☐	1.000		5925179.98		P	0.4
5	☐	1.000		5958572.97		P	0.5
6	☐	1.000		5987997.41		P	0.7
7	☐	1.000		5856634.36		P	0.5
8	☐	1.000		5476363.25		P	0.8

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3748579.43		P	1.0
2	☐	1.000		3752840.81		P	0.1
3	☐	1.000		3779615.57		P	0.6
4	☐	1.000		3687017.51		P	2.9
5	☐	1.000		3798968.77		P	0.1
6	☐	1.000		3773986.68		P	0.2
7	☐	1.000		3747558.00		P	0.8
8	☐	1.000		3531724.29		P	0.4

US EPA Tune Check Sample Report

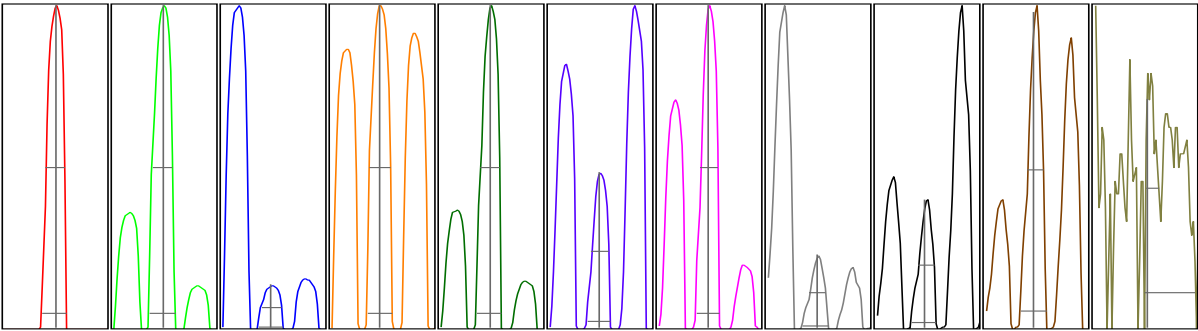
Batch Folder C:\Agilent\ICPMH\1\DATA\P7120120 MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	8681	0.41	5.00	
24	85581	0.42	5.00	
25	11689	0.49	5.00	
26	13476	0.13	5.00	
59	42973	0.22	5.00	
113	6899	0.28	5.00	
115	20372	0.65	5.00	
206	8608	0.68	5.00	
207	7220	0.66	5.00	
208	17928	0.53	5.00	
220	1	35.29		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	8730	8634	8676	8669	8697
24	85610	85372	85924	85087	85914
25	11744	11745	11634	11626	11698
26	13486	13475	13453	13467	13498
59	42845	43000	43090	42911	43021
113	6888	6897	6873	6913	6921
115	20585	20386	20332	20330	20229
206	8569	8591	8637	8548	8694
207	7196	7236	7172	7201	7296
208	17776	17896	18010	17984	17972
220	1	0	1	1	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	15797	9.05	8.9 - 9.1		0.727	0.900	
24	150549	24.00	23.9 - 24.1		0.776	0.900	
25	20236	24.95	24.9 - 25.1		0.738	0.900	
26	23377	25.95	25.9 - 26.1		0.740	0.900	
59	78485	59.00	58.9 - 59.1		0.735	0.900	
113	13805	113.00	112.9 - 113.1		0.690	0.900	
115	40328	115.00	114.9 - 115.1		0.690	0.900	
206	18318	206.00	205.9 - 206.1		0.762	0.900	
207	15328	206.95	206.9 - 207.1		0.731	0.900	
208	37969	207.95	207.9 - 208.1		0.765	0.900	
220	1	220.10	-		1.463		

X% = 5 Integration Time [sec] = 0.1 Acquisition Time [sec] = 256.8 Y Axis = Linear

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.65	L/min	S/C Temp		2 °C
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch		Dilution Gas
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rpm	Makeup/Dilution Gas		0.40 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	12.0	V	Deflect	15.0	V
Extract 2	-230.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-105	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination		5.0 V
He Flow	0.0	mL/min	OctP RF	200	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	15003	0.71	
89	46558	0.44	
205	23223	0.71	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	14955	14903	14922	15116	15120
89	46590	46624	46230	46552	46795
205	23401	22969	23167	23316	23262

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.65	L/min	S/C Temp		2 °C
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch		Dilution Gas
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rpm	Makeup/Dilution Gas		0.40 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	11.3	V	Deflect	2.8	V
Extract 2	-240.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-115	V	Cell Exit	-60	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	Yes		OctP Bias	-18.0	V	Energy Discrimination		5.0 V
He Flow	3.9	mL/min	OctP RF	200	V			

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 15:41:11	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.01	0.29	-0.29	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.01	0.00	0.01	0.00	N/A	ppb
Barium	135-1	-0.01	0.01	0.00	0.00	N/A	ppb
Barium	137-1	-0.01	0.01	0.00	0.00	N/A	ppb
Beryllium	9-1	0.01	0.01	-0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.00	-0.08	0.07	0.00	N/A	ppb
Boron	11-1	0.02	-0.06	0.04	0.00	N/A	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.14	-0.16	0.03	0.00	N/A	ppb
Cadmium	106-1	1.99	-2.32	0.32	0.00	N/A	ppb
Cadmium	108-1	-0.04	-0.04	0.08	0.00	N/A	ppb
Calcium	43-1	0.33	1.45	-1.78	0.00	N/A	ppb
Calcium	44-1	0.12	1.01	-1.14	0.00	N/A	ppb
Chromium	52-2	0.00	0.00	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00	N/A	ppb
Copper	63-2	-0.04	0.03	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	-0.34	-0.40	0.74	0.00	N/A	ppb
Iron	56-2	0.06	-0.19	0.13	0.00	N/A	ppb
Iron	57-2	0.24	0.20	-0.44	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.01	-0.01	0.01	0.00	N/A	ppb
Lead	207-1	0.00	0.01	0.00	0.00	N/A	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 15:41:11	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.07	-0.04	0.12	0.00	N/A	ppb
Manganese	55-2	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	-0.01	0.00	N/A	ppb
Phosphorus	31-2	-3.98	-5.26	12.49	1.08	914.23	ppb
Potassium	39-2	-3.67	-0.34	4.01	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.39	-0.50	0.11	0.00	N/A	ppb
Selenium	77-2	-0.14	-0.14	0.29	0.00	N/A	ppb
Selenium	78-2	-0.59	-0.45	1.04	0.00	N/A	ppb
Silicon	28-1	0.44	0.93	-1.37	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	-0.01	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.17	0.60	-0.43	0.00	N/A	ppb
Strontium	86-1	-0.02	0.01	0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-62.59	-292.16	-556.06	-303.60		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	0.01	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.01	-0.02	0.01	0.00	N/A	ppb
Titanium	47-1	-0.03	-0.01	0.04	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 15:41:11	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.07	-0.02	0.09	0.00	N/A	ppb
Zirconium	90-1	0.01	0.00	-0.01	0.00	N/A	ppb
Zirconium	91-1	0.00	0.01	-0.01	0.00	N/A	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 15:44:44	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.62	18.02	19.34	19.33	6.73	ppb
Antimony	121-1	1.87	1.72	1.69	1.76	5.66	ppb
Arsenic	75-2	0.83	0.92	0.90	0.88	5.02	ppb
Barium	135-1	9.02	9.10	8.67	8.93	2.60	ppb
Barium	137-1	8.83	8.97	9.19	9.00	2.04	ppb
Beryllium	9-1	0.84	0.97	0.95	0.92	7.45	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	22.52	21.80	22.15	22.16	1.62	ppb
Boron	11-1	21.35	22.39	22.36	22.03	2.69	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.02	1.23	1.02	1.09	11.25	ppb
Cadmium	106-1	-1.88	1.52	-1.64	-0.66		ppb
Cadmium	108-1	1.39	1.27	1.74	1.46	16.65	ppb
Calcium	43-1	479.22	481.32	499.02	486.52	2.24	ppb
Calcium	44-1	481.20	477.06	472.13	476.80	0.95	ppb
Chromium	52-2	1.75	1.90	1.71	1.79	5.40	ppb
Cobalt	59-2	0.95	0.87	0.85	0.89	6.35	ppb
Copper	63-2	1.90	1.79	1.85	1.85	2.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	54-2	56.49	50.77	51.59	52.95	5.84	ppb
Iron	56-2	52.50	51.55	49.79	51.28	2.68	ppb
Iron	57-2	54.41	50.48	46.63	50.51	7.70	ppb
Krypton	83-1						cps
Lead	206-1	0.76	0.77	0.80	0.78	2.86	ppb
Lead	207-1	0.78	0.76	0.78	0.77	1.40	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 15:44:44	DataFile Name :	004CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.78	0.76	0.77	0.77	1.23	ppb
Lithium	6-1				100		%
Magnesium	24-2	489.44	474.86	465.84	476.71	2.50	ppb
Manganese	55-2	0.92	0.87	0.87	0.89	3.62	ppb
Molybdenum	94-1	4.62	4.54	4.76	4.64	2.37	ppb
Molybdenum	95-1	4.76	4.74	4.71	4.74	0.57	ppb
Molybdenum	96-1	4.52	4.93	4.59	4.68	4.64	ppb
Molybdenum	97-1	4.61	4.47	4.34	4.47	2.98	ppb
Molybdenum	98-1	4.74	4.55	4.53	4.61	2.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.93	1.00	0.92	0.95	4.34	ppb
Phosphorus	31-2	-1.80	-0.88	-0.57	-1.08		ppb
Potassium	39-2	502.92	507.83	488.06	499.61	2.06	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	4.38	5.42	3.14	4.31	26.44	ppb
Selenium	77-2	9.02	4.17	3.75	5.65	51.90	ppb
Selenium	78-2	5.50	6.11	3.99	5.20	20.99	ppb
Silicon	28-1	6.95	5.02	6.34	6.11	16.16	ppb
Silver	109-1	0.95	0.98	0.91	0.94	3.83	ppb
Silver	107-1	1.01	0.88	0.92	0.94	6.85	ppb
Sodium	23-2	502.08	496.02	489.10	495.73	1.31	ppb
Strontium	86-1	0.87	0.90	0.75	0.84	9.43	ppb
Strontium	88-1	0.98	0.90	0.90	0.93	4.75	ppb
Sulfur	34-1	403.46	-190.33	697.69	303.60	148.99	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.96	0.88	0.86	0.90	5.68	ppb
Thallium	205-1	0.79	0.84	0.85	0.83	3.61	ppb
Thorium	232-1	0.00	0.00	-0.01	0.00		ppb
Tin	118-1	4.82	4.55	4.59	4.65	3.09	ppb
Titanium	47-1	4.25	4.32	4.40	4.33	1.76	ppb
Uranium	238-1	0.80	0.83	0.77	0.80	3.48	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 15:44:44	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.48	4.51	4.48	4.49	0.41	ppb
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	1.86	1.64	1.99	1.83	9.82	ppb
Zirconium	90-1	0.86	0.85	0.93	0.88	5.25	ppb
Zirconium	91-1	0.84	0.83	0.95	0.87	7.81	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 15:48:17	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1086.47	1070.21	1054.86	1070.51	1.48	ppb
Antimony	121-1	51.17	51.47	51.46	51.37	0.33	ppb
Arsenic	75-2	51.14	49.91	49.69	50.25	1.56	ppb
Barium	135-1	250.96	249.86	252.72	251.18	0.58	ppb
Barium	137-1	247.16	250.36	252.75	250.09	1.12	ppb
Beryllium	9-1	52.37	51.73	50.38	51.49	1.98	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	49.96	49.57	50.34	49.96	0.77	ppb
Boron	11-1	50.31	49.76	49.75	49.94	0.63	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	52.98	51.55	52.32	52.28	1.36	ppb
Cadmium	106-1	55.56	49.80	48.91	51.42	7.03	ppb
Cadmium	108-1	51.91	53.07	50.53	51.84	2.45	ppb
Calcium	43-1	5341.63	5476.55	5331.24	5383.14	1.51	ppb
Calcium	44-1	5251.93	5369.78	5332.07	5317.93	1.13	ppb
Chromium	52-2	50.25	49.09	48.43	49.26	1.87	ppb
Cobalt	59-2	50.73	50.09	49.23	50.02	1.50	ppb
Copper	63-2	501.96	502.02	495.79	499.92	0.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	54-2	2873.91	2854.49	2814.29	2847.57	1.07	ppb
Iron	56-2	2728.45	2700.01	2646.63	2691.69	1.54	ppb
Iron	57-2	2824.50	2790.33	2732.97	2782.60	1.66	ppb
Krypton	83-1						cps
Lead	206-1	226.46	226.25	230.33	227.68	1.01	ppb
Lead	207-1	225.53	224.06	229.28	226.29	1.19	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 15:48:17	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	226.71	227.09	230.21	228.00	0.84	ppb
Lithium	6-1				102		%
Magnesium	24-2	5501.75	5461.39	5368.17	5443.77	1.26	ppb
Manganese	55-2	510.01	505.79	498.76	504.86	1.13	ppb
Molybdenum	94-1	257.27	259.03	256.19	257.50	0.56	ppb
Molybdenum	95-1	257.07	259.95	256.07	257.70	0.78	ppb
Molybdenum	96-1	257.95	257.07	257.13	257.38	0.19	ppb
Molybdenum	97-1	256.60	257.60	259.36	257.85	0.54	ppb
Molybdenum	98-1	257.00	259.70	260.36	259.02	0.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.64	51.05	49.79	50.49	1.27	ppb
Phosphorus	31-2	1075.66	947.35	1013.45	1012.15	6.34	ppb
Potassium	39-2	2840.51	2837.61	2818.81	2832.31	0.42	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	51.81	52.92	51.00	51.91	1.86	ppb
Selenium	77-2	55.09	48.37	51.55	51.67	6.50	ppb
Selenium	78-2	52.92	51.25	47.23	50.47	5.80	ppb
Silicon	28-1	49.24	53.97	55.23	52.81	5.97	ppb
Silver	109-1	52.92	52.68	54.16	53.25	1.50	ppb
Silver	107-1	52.91	53.04	54.26	53.40	1.39	ppb
Sodium	23-2	5629.20	5619.75	5544.67	5597.87	0.83	ppb
Strontium	86-1	51.87	51.94	51.63	51.81	0.31	ppb
Strontium	88-1	51.80	51.70	51.35	51.62	0.45	ppb
Sulfur	34-1	1384.39	1626.64	1518.80	1509.94	8.04	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	48.34	48.61	49.16	48.71	0.86	ppb
Thallium	205-1	46.33	46.67	46.96	46.65	0.67	ppb
Thorium	232-1	42.85	42.82	43.25	42.98	0.56	ppb
Tin	118-1	51.24	51.42	52.26	51.64	1.05	ppb
Titanium	47-1	254.21	255.22	255.24	254.89	0.23	ppb
Uranium	238-1	42.73	42.67	43.65	43.02	1.28	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 15:48:17	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	50.28	49.30	48.52	49.37	1.78	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	507.13	497.63	494.02	499.59	1.35	ppb
Zirconium	90-1	51.00	51.07	51.20	51.09	0.20	ppb
Zirconium	91-1	51.62	50.62	50.04	50.76	1.57	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 15:51:49	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2803.06	2675.75	2617.09	2698.63	3.52	ppb
Antimony	121-1	130.38	127.19	127.70	128.42	1.34	ppb
Arsenic	75-2	130.49	127.01	122.78	126.76	3.04	ppb
Barium	135-1	628.57	615.55	621.64	621.92	1.05	ppb
Barium	137-1	630.08	611.86	623.06	621.66	1.48	ppb
Beryllium	9-1	125.86	126.96	126.53	126.45	0.44	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	127.07	121.22	123.56	123.95	2.38	ppb
Boron	11-1	123.89	125.32	123.25	124.15	0.85	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	131.99	129.13	130.13	130.42	1.11	ppb
Cadmium	106-1	131.40	126.09	129.17	128.88	2.07	ppb
Cadmium	108-1	131.88	126.29	133.53	130.57	2.91	ppb
Calcium	43-1	13660.19	13157.41	13217.54	13345.05	2.06	ppb
Calcium	44-1	13503.36	13125.16	13153.60	13260.71	1.59	ppb
Chromium	52-2	128.61	125.16	122.20	125.32	2.56	ppb
Cobalt	59-2	130.88	125.71	124.11	126.90	2.79	ppb
Copper	63-2	1292.51	1246.30	1228.33	1255.71	2.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	54-2	7442.27	7222.22	7080.44	7248.31	2.52	ppb
Iron	56-2	7061.32	6767.66	6648.03	6825.67	3.12	ppb
Iron	57-2	7226.81	6920.52	6895.76	7014.36	2.63	ppb
Krypton	83-1						cps
Lead	206-1	570.52	564.98	571.37	568.96	0.61	ppb
Lead	207-1	574.30	564.20	573.01	570.50	0.96	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 15:51:49	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	574.55	570.65	574.72	573.30	0.40	ppb
Lithium	6-1				102		%
Magnesium	24-2	13945.95	13610.19	13397.60	13651.25	2.03	ppb
Manganese	55-2	1315.63	1274.90	1249.38	1279.97	2.61	ppb
Molybdenum	94-1	640.79	635.92	631.33	636.01	0.74	ppb
Molybdenum	95-1	644.97	629.40	635.11	636.49	1.24	ppb
Molybdenum	96-1	642.81	633.05	634.28	636.72	0.83	ppb
Molybdenum	97-1	643.91	627.62	630.64	634.06	1.37	ppb
Molybdenum	98-1	640.93	635.27	630.55	635.58	0.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	131.59	126.90	124.48	127.66	2.83	ppb
Phosphorus	31-2	2700.97	2583.87	2429.25	2571.36	5.30	ppb
Potassium	39-2	7325.97	7131.51	7037.76	7165.08	2.05	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	82-1	126.56	126.62	125.87	126.35	0.33	ppb
Selenium	77-2	136.95	142.20	129.19	136.12	4.81	ppb
Selenium	78-2	137.84	124.52	134.22	132.19	5.21	ppb
Silicon	28-1	138.13	140.06	146.39	141.53	3.05	ppb
Silver	109-1	132.33	131.22	131.50	131.68	0.44	ppb
Silver	107-1	133.94	129.94	131.76	131.88	1.52	ppb
Sodium	23-2	13321.81	13067.21	13033.40	13140.81	1.20	ppb
Strontium	86-1	128.59	125.81	125.14	126.51	1.44	ppb
Strontium	88-1	128.20	127.06	126.83	127.36	0.58	ppb
Sulfur	34-1	2719.20	2141.26	2671.42	2510.63	12.78	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	123.01	123.54	125.05	123.87	0.85	ppb
Thallium	205-1	116.70	116.52	119.03	117.42	1.19	ppb
Thorium	232-1	108.00	108.38	109.16	108.52	0.55	ppb
Tin	118-1	131.12	128.21	128.90	129.41	1.18	ppb
Titanium	47-1	640.21	623.40	630.50	631.37	1.34	ppb
Uranium	238-1	108.34	108.39	108.90	108.54	0.28	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 15:51:49	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	128.30	124.68	122.12	125.03	2.49	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	1314.22	1263.65	1238.35	1272.07	3.04	ppb
Zirconium	90-1	128.19	126.63	126.09	126.97	0.86	ppb
Zirconium	91-1	127.54	125.01	126.33	126.29	1.00	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 15:55:21	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5385.85	5355.90	5161.34	5301.03	2.30	ppb
Antimony	121-1	253.42	252.90	252.23	252.85	0.24	ppb
Arsenic	75-2	252.29	249.49	247.23	249.67	1.01	ppb
Barium	135-1	1258.78	1231.02	1238.66	1242.82	1.15	ppb
Barium	137-1	1241.85	1246.75	1229.45	1239.35	0.72	ppb
Beryllium	9-1	253.60	254.31	253.26	253.72	0.21	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	245.47	248.11	249.45	247.68	0.82	ppb
Boron	11-1	249.48	251.21	250.46	250.38	0.35	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	256.19	257.90	254.12	256.07	0.74	ppb
Cadmium	106-1	252.89	261.99	250.75	255.21	2.34	ppb
Cadmium	108-1	250.23	264.30	255.00	256.51	2.79	ppb
Calcium	43-1	27042.48	26798.04	26485.67	26775.40	1.04	ppb
Calcium	44-1	24817.54	24357.75	24575.07	24583.46	0.94	ppb
Chromium	52-2	254.08	251.29	241.42	248.93	2.67	ppb
Cobalt	59-2	255.80	252.01	246.37	251.39	1.89	ppb
Copper	63-2	2548.39	2523.82	2484.93	2519.05	1.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	54-2	14667.17	14616.24	14156.87	14480.10	1.94	ppb
Iron	56-2	13891.11	13665.35	13254.52	13603.66	2.37	ppb
Iron	57-2	14257.89	14021.74	13574.29	13951.31	2.49	ppb
Krypton	83-1						cps
Lead	206-1	1145.09	1141.29	1149.03	1145.14	0.34	ppb
Lead	207-1	1136.74	1130.57	1148.34	1138.55	0.79	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 15:55:21	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	1189.19	1183.89	1197.17	1190.08	0.56	ppb
Lithium	6-1				100		%
Magnesium	24-2	26057.14	25643.59	25062.03	25587.59	1.95	ppb
Manganese	55-2	2592.25	2535.69	2479.38	2535.78	2.23	ppb
Molybdenum	94-1	1277.50	1272.22	1271.67	1273.80	0.25	ppb
Molybdenum	95-1	1278.62	1261.23	1267.80	1269.22	0.69	ppb
Molybdenum	96-1	1264.53	1266.67	1269.29	1266.83	0.19	ppb
Molybdenum	97-1	1273.20	1271.05	1271.77	1272.01	0.09	ppb
Molybdenum	98-1	1255.50	1260.37	1249.30	1255.06	0.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	255.66	252.70	245.96	251.44	1.98	ppb
Phosphorus	31-2	5175.50	5101.46	4906.12	5061.03	2.75	ppb
Potassium	39-2	14244.47	14221.27	13809.56	14091.77	1.74	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	82-1	252.67	254.42	254.11	253.73	0.37	ppb
Selenium	77-2	251.49	262.38	254.06	255.98	2.22	ppb
Selenium	78-2	253.16	247.47	247.30	249.31	1.34	ppb
Silicon	28-1	279.07	287.70	296.24	287.67	2.98	ppb
Silver	109-1	256.91	259.94	257.66	258.17	0.61	ppb
Silver	107-1	256.17	259.22	254.47	256.62	0.94	ppb
Sodium	23-2	26523.90	25935.17	25271.73	25910.26	2.42	ppb
Strontium	86-1	252.35	255.32	253.03	253.57	0.61	ppb
Strontium	88-1	255.38	252.76	255.05	254.39	0.56	ppb
Sulfur	34-1	4474.93	4364.91	4006.35	4282.06	5.72	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	246.81	244.56	246.64	246.00	0.51	ppb
Thallium	205-1	234.40	233.00	236.83	234.75	0.83	ppb
Thorium	232-1	221.28	217.49	224.06	220.94	1.49	ppb
Tin	118-1	254.88	257.05	255.07	255.67	0.47	ppb
Titanium	47-1	1260.38	1243.95	1253.64	1252.66	0.66	ppb
Uranium	238-1	221.96	216.86	220.88	219.90	1.22	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 15:55:21	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	252.76	251.00	241.88	248.55	2.35	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	2532.94	2527.77	2459.25	2506.66	1.64	ppb
Zirconium	90-1	254.63	251.63	255.98	254.08	0.88	ppb
Zirconium	91-1	253.88	250.24	252.65	252.26	0.73	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 15:58:49	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10701.19	10758.83	10552.46	10670.83	1.00	ppb
Antimony	121-1	499.67	503.05	501.43	501.38	0.34	ppb
Arsenic	75-2	503.12	499.18	492.20	498.17	1.11	ppb
Barium	135-1	2445.78	2455.41	2481.35	2460.85	0.75	ppb
Barium	137-1	2463.31	2468.62	2458.91	2463.61	0.20	ppb
Beryllium	9-1	504.94	504.60	500.18	503.24	0.53	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	496.19	505.74	501.56	501.16	0.96	ppb
Boron	11-1	493.82	502.25	502.58	499.55	0.99	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	506.67	506.23	509.03	507.31	0.30	ppb
Cadmium	106-1	511.36	507.13	506.59	508.36	0.51	ppb
Cadmium	108-1	505.12	509.02	510.32	508.15	0.53	ppb
Calcium	43-1	55369.42	53914.15	53168.80	54150.79	2.07	ppb
Calcium	44-1	50029.52	48940.80	49413.33	49461.22	1.10	ppb
Chromium	52-2	505.49	509.37	494.00	502.95	1.59	ppb
Cobalt	59-2	505.88	508.84	497.91	504.21	1.12	ppb
Copper	63-2	5019.10	5118.49	5059.11	5065.57	0.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	54-2	29075.56	29434.80	28682.05	29064.14	1.30	ppb
Iron	56-2	27488.69	27495.44	27013.86	27332.66	1.01	ppb
Iron	57-2	28181.48	28434.78	27718.31	28111.52	1.29	ppb
Krypton	83-1						cps
Lead	206-1	2482.30	2471.14	2490.29	2481.24	0.39	ppb
Lead	207-1	2474.84	2465.33	2521.95	2487.37	1.22	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 15:58:49	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	2481.77	2470.05	2487.08	2479.63	0.35	ppb
Lithium	6-1				98		%
Magnesium	24-2	51596.46	51642.86	50640.26	51293.19	1.10	ppb
Manganese	55-2	5053.08	5036.79	4978.17	5022.68	0.78	ppb
Molybdenum	94-1	2528.65	2487.05	2463.60	2493.10	1.32	ppb
Molybdenum	95-1	2562.59	2530.94	2464.96	2519.50	1.98	ppb
Molybdenum	96-1	2529.05	2482.28	2466.48	2492.60	1.31	ppb
Molybdenum	97-1	2571.12	2553.71	2491.62	2538.82	1.65	ppb
Molybdenum	98-1	2531.70	2523.79	2469.17	2508.22	1.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	506.25	510.35	497.95	504.85	1.25	ppb
Phosphorus	31-2	9992.34	10199.40	10090.77	10094.17	1.03	ppb
Potassium	39-2	26110.38	26051.04	25672.48	25944.63	0.92	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				94		%
Selenium	82-1	513.12	509.93	494.20	505.75	2.00	ppb
Selenium	77-2	509.27	515.29	520.02	514.86	1.05	ppb
Selenium	78-2	502.75	495.87	502.34	500.32	0.77	ppb
Silicon	28-1	566.13	556.09	559.83	560.68	0.91	ppb
Silver	109-1	501.69	501.91	508.55	504.05	0.77	ppb
Silver	107-1	505.08	503.81	503.34	504.08	0.18	ppb
Sodium	23-2	52353.74	52930.07	51583.24	52289.02	1.29	ppb
Strontium	86-1	510.84	505.33	497.14	504.43	1.37	ppb
Strontium	88-1	507.05	505.61	499.73	504.13	0.77	ppb
Sulfur	34-1	10817.01	9420.81	9107.31	9781.71	9.31	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	488.71	496.08	496.49	493.76	0.89	ppb
Thallium	205-1	476.00	473.15	473.11	474.09	0.35	ppb
Thorium	232-1	495.08	496.99	492.45	494.84	0.46	ppb
Tin	118-1	506.33	506.82	502.44	505.19	0.48	ppb
Titanium	47-1	2534.96	2496.65	2494.98	2508.87	0.90	ppb
Uranium	238-1	497.18	503.31	496.60	499.03	0.75	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 15:58:49	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	504.58	505.62	495.37	501.86	1.12	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	5032.28	5095.20	5010.94	5046.14	0.87	ppb
Zirconium	90-1	513.66	507.18	499.19	506.67	1.43	ppb
Zirconium	91-1	508.09	502.43	491.82	500.78	1.65	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 16:02:11	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21187.96	21100.23	21005.05	21097.75	0.43	ppb
Antimony	121-1	997.09	1000.77	996.44	998.10	0.23	ppb
Arsenic	75-2	1002.85	1002.99	996.46	1000.77	0.37	ppb
Barium	135-1	5065.06	5028.92	4971.11	5021.70	0.94	ppb
Barium	137-1	5024.41	5036.68	5002.73	5021.27	0.34	ppb
Beryllium	9-1	1003.85	997.37	990.36	997.19	0.68	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	1001.82	1000.92	997.87	1000.20	0.21	ppb
Boron	11-1	999.74	996.41	1004.79	1000.31	0.42	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	996.17	1004.88	981.05	994.03	1.21	ppb
Cadmium	106-1	996.79	1006.00	979.09	993.96	1.38	ppb
Cadmium	108-1	988.23	1006.05	986.24	993.51	1.10	ppb
Calcium	43-1	106849.26	107211.98	107828.71	107296.65	0.46	ppb
Calcium	44-1	96833.10	98933.08	98695.24	98153.81	1.17	ppb
Chromium	52-2	1006.44	997.80	992.12	998.79	0.72	ppb
Cobalt	59-2	1004.53	999.55	987.84	997.31	0.86	ppb
Copper	63-2	10012.22	9912.36	9960.66	9961.74	0.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	54-2	57303.02	56155.12	56162.11	56540.08	1.17	ppb
Iron	56-2	56160.76	55605.82	55765.20	55843.92	0.51	ppb
Iron	57-2	57463.68	56843.15	56649.93	56985.59	0.75	ppb
Krypton	83-1						cps
Lead	206-1	5056.36	5040.98	5033.80	5043.72	0.23	ppb
Lead	207-1	5075.45	5029.51	5021.56	5042.17	0.58	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 16:02:11	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	5039.34	5032.28	5026.56	5032.72	0.13	ppb
Lithium	6-1				96		%
Magnesium	24-2	102177.48	102756.06	102132.43	102355.33	0.34	ppb
Manganese	55-2	10069.44	9894.13	9963.61	9975.73	0.88	ppb
Molybdenum	94-1	4981.43	4987.20	5018.63	4995.75	0.40	ppb
Molybdenum	95-1	4997.26	4987.52	4966.10	4983.63	0.32	ppb
Molybdenum	96-1	4997.89	5012.44	4982.64	4997.66	0.30	ppb
Molybdenum	97-1	4980.01	5002.97	4937.72	4973.57	0.67	ppb
Molybdenum	98-1	4985.07	4981.63	5011.86	4992.85	0.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1011.62	991.63	987.32	996.86	1.30	ppb
Phosphorus	31-2	19968.39	19874.03	19941.97	19928.13	0.24	ppb
Potassium	39-2	52029.67	52283.75	51995.85	52103.09	0.30	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				95		%
Scandium	45-2				93		%
Selenium	82-1	987.39	998.68	1001.72	995.93	0.76	ppb
Selenium	77-2	1041.87	970.49	956.44	989.60	4.63	ppb
Selenium	78-2	992.18	999.10	1005.98	999.09	0.69	ppb
Silicon	28-1	950.68	959.76	963.78	958.07	0.70	ppb
Silver	109-1	997.96	1005.04	981.80	994.93	1.20	ppb
Silver	107-1	989.11	1012.73	983.99	995.28	1.54	ppb
Sodium	23-2	103997.92	103526.41	103374.08	103632.80	0.31	ppb
Strontium	86-1	996.09	986.44	1007.31	996.61	1.05	ppb
Strontium	88-1	998.57	995.15	995.66	996.46	0.19	ppb
Sulfur	34-1	20138.18	20564.87	20082.36	20261.80	1.30	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	1004.64	1003.77	1004.56	1004.32	0.05	ppb
Thallium	205-1	1017.50	1020.35	1015.81	1017.89	0.23	ppb
Thorium	232-1	1020.80	1002.55	1013.42	1012.26	0.91	ppb
Tin	118-1	1000.34	1001.18	984.55	995.35	0.94	ppb
Titanium	47-1	4996.99	5006.16	4978.43	4993.86	0.28	ppb
Uranium	238-1	1017.66	995.50	1018.09	1010.41	1.28	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 16:02:11	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	1002.38	1001.95	994.06	999.46	0.47	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	10013.79	9999.49	9904.30	9972.53	0.60	ppb
Zirconium	90-1	983.08	995.93	1007.02	995.34	1.20	ppb
Zirconium	91-1	990.41	1001.27	1004.86	998.85	0.75	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 16:05:31	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100082.35	99487.31	99508.27	99692.65	0.34	ppb
Antimony	121-1	0.87	0.89	0.80	0.85	5.35	ppb
Arsenic	75-2	0.51	0.38	0.43	0.44	15.02	ppb
Barium	135-1	9.58	9.38	9.26	9.40	1.76	ppb
Barium	137-1	9.27	9.47	9.26	9.33	1.30	ppb
Beryllium	9-1	0.22	0.15	0.14	0.17	25.11	ppb
Bismuth	209-1				93		%
Bismuth	209-2				94		%
Boron	10-1	19.38	16.68	16.84	17.63	8.58	ppb
Boron	11-1	17.54	17.29	17.30	17.37	0.80	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.58	0.54	0.27	0.46	35.62	ppb
Cadmium	106-1	2.09	0.99	-2.00	0.36	583.06	ppb
Cadmium	108-1	1.46	0.94	1.00	1.13	25.04	ppb
Calcium	43-1	485839.12	499842.20	508354.31	498011.88	2.28	ppb
Calcium	44-1	485435.52	505784.65	510045.14	500421.77	2.63	ppb
Chromium	52-2	19.00	18.86	18.53	18.80	1.28	ppb
Cobalt	59-2	2.07	1.98	1.99	2.01	2.32	ppb
Copper	63-2	7.68	7.81	7.58	7.69	1.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				94		%
Indium	115-2				94		%
Iron	54-2	249315.86	248113.82	247044.71	248158.13	0.46	ppb
Iron	56-2	251885.81	248190.81	245502.75	248526.46	1.29	ppb
Iron	57-2	251200.28	247522.26	245869.15	248197.23	1.10	ppb
Krypton	83-1						cps
Lead	206-1	6.38	6.56	6.73	6.56	2.67	ppb
Lead	207-1	6.40	6.92	6.62	6.65	3.95	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 16:05:31	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	6.42	6.74	6.59	6.59	2.43	ppb
Lithium	6-1				94		%
Magnesium	24-2	504699.90	497683.43	495627.79	499337.04	0.95	ppb
Manganese	55-2	12.67	13.07	12.79	12.84	1.61	ppb
Molybdenum	94-1	3.62	3.25	3.39	3.42	5.43	ppb
Molybdenum	95-1	3.96	4.18	4.09	4.08	2.64	ppb
Molybdenum	96-1	4.05	4.32	4.12	4.16	3.35	ppb
Molybdenum	97-1	4.08	3.99	4.04	4.04	1.06	ppb
Molybdenum	98-1	3.87	4.16	4.13	4.06	3.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.51	13.46	12.76	13.24	3.18	ppb
Phosphorus	31-2	-1.45	10.62	-1.88	2.43	292.16	ppb
Potassium	39-2	249941.04	249138.12	249058.24	249379.13	0.20	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				95		%
Scandium	45-2				93		%
Selenium	82-1	0.66	0.88	1.07	0.87	23.98	ppb
Selenium	77-2	-0.14	0.30	0.31	0.16	166.08	ppb
Selenium	78-2	0.42	0.76	-0.16	0.34	137.48	ppb
Silicon	28-1	54.53	56.60	56.94	56.02	2.33	ppb
Silver	109-1	0.53	0.63	0.61	0.59	8.79	ppb
Silver	107-1	0.56	0.58	0.58	0.57	1.58	ppb
Sodium	23-2	508891.20	497561.46	490478.42	498977.03	1.86	ppb
Strontium	86-1	5.46	5.75	5.64	5.61	2.62	ppb
Strontium	88-1	5.49	5.73	5.62	5.61	2.09	ppb
Sulfur	34-1	-3640.25	-3178.56	-2988.58	-3269.13		ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	0.42	0.34	0.34	0.37	11.86	ppb
Thallium	205-1	0.37	0.35	0.31	0.34	9.22	ppb
Thorium	232-1	0.18	0.18	0.16	0.18	5.85	ppb
Tin	118-1	0.73	0.73	0.74	0.73	0.38	ppb
Titanium	47-1	0.94	1.03	0.90	0.96	6.97	ppb
Uranium	238-1	0.10	0.10	0.08	0.09	10.19	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 16:05:31	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.32	0.34	0.36	0.34	4.80	ppb
Yttrium	89-1				95		%
Yttrium	89-2				96		%
Zinc	66-2	38.16	38.74	37.09	38.00	2.21	ppb
Zirconium	90-1	0.31	0.33	0.32	0.32	2.79	ppb
Zirconium	91-1	0.25	0.34	0.25	0.28	17.42	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 16:31:33	DataFile Name :	011ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	515.60	540.18	532.79	529.53	2.38	ppb
Antimony	121-1	198.81	199.43	197.92	198.72	0.38	ppb
Arsenic	75-2	201.26	204.19	199.16	201.54	1.25	ppb
Barium	135-1	100.09	99.50	98.73	99.44	0.69	ppb
Barium	137-1	101.13	99.98	99.27	100.13	0.94	ppb
Beryllium	9-1	99.12	99.98	94.33	97.81	3.11	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	536.06	545.22	511.98	531.09	3.23	ppb
Boron	11-1	542.64	545.81	520.27	536.24	2.60	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	106.02	108.44	105.58	106.68	1.44	ppb
Cadmium	106-1	167.08	174.82	164.20	168.70	3.26	ppb
Cadmium	108-1	152.47	153.11	151.83	152.47	0.42	ppb
Calcium	43-1	2343.64	2321.94	2294.55	2320.04	1.06	ppb
Calcium	44-1	2001.70	1992.35	1953.99	1982.68	1.28	ppb
Chromium	52-2	100.22	99.23	97.58	99.01	1.34	ppb
Cobalt	59-2	101.91	102.22	99.85	101.33	1.27	ppb
Copper	63-2	104.20	103.47	102.07	103.24	1.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	54-2	2344.52	2331.40	2290.05	2321.99	1.22	ppb
Iron	56-2	2211.60	2213.68	2140.33	2188.54	1.91	ppb
Iron	57-2	2221.97	2190.40	2122.06	2178.14	2.34	ppb
Krypton	83-1						cps
Lead	206-1	210.95	212.82	207.16	210.31	1.37	ppb
Lead	207-1	200.56	199.14	193.00	197.57	2.03	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 16:31:33	DataFile Name :	011ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	207.18	206.44	201.33	204.98	1.55	ppb
Lithium	6-1				99		%
Magnesium	24-2	1232.01	1227.67	1218.40	1226.03	0.57	ppb
Manganese	55-2	103.95	102.33	99.90	102.06	2.00	ppb
Molybdenum	94-1	2717.35	2696.35	2667.31	2693.67	0.93	ppb
Molybdenum	95-1	2781.25	2818.94	2751.39	2783.86	1.22	ppb
Molybdenum	96-1	2792.19	2777.62	2724.94	2764.92	1.28	ppb
Molybdenum	97-1	2844.78	2834.02	2730.73	2803.18	2.25	ppb
Molybdenum	98-1	2800.60	2788.46	2676.85	2755.30	2.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	102.32	103.80	100.62	102.25	1.56	ppb
Phosphorus	31-2	1.10	-5.16	0.65	-1.13		ppb
Potassium	39-2	2140.99	2165.68	2158.85	2155.17	0.59	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	199.36	204.27	197.91	200.51	1.66	ppb
Selenium	77-2	215.66	198.65	195.17	203.16	5.40	ppb
Selenium	78-2	208.24	204.13	201.06	204.48	1.76	ppb
Silicon	28-1	390.91	409.53	418.54	406.33	3.47	ppb
Silver	109-1	50.27	50.75	49.51	50.18	1.24	ppb
Silver	107-1	50.34	51.06	49.79	50.40	1.26	ppb
Sodium	23-2	2212.67	2219.92	2205.75	2212.78	0.32	ppb
Strontium	86-1	490.28	487.49	474.45	484.07	1.74	ppb
Strontium	88-1	498.34	494.63	480.93	491.30	1.87	ppb
Sulfur	34-1	-3906.53	-3882.72	-4207.31	-3998.85		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	228.90	229.73	222.27	226.97	1.80	ppb
Thallium	205-1	217.57	217.96	213.71	216.41	1.08	ppb
Thorium	232-1	6.07	5.97	5.86	5.97	1.69	ppb
Tin	118-1	500.11	500.49	497.87	499.49	0.28	ppb
Titanium	47-1	2430.04	2461.27	2393.86	2428.39	1.39	ppb
Uranium	238-1	541.88	538.08	525.15	535.04	1.64	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 16:31:33	DataFile Name :	011ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	98.14	97.63	95.26	97.01	1.58	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	198.13	196.59	195.18	196.63	0.75	ppb
Zirconium	90-1	493.51	492.55	478.96	488.34	1.67	ppb
Zirconium	91-1	491.83	484.19	478.47	484.83	1.38	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 16:53:07	DataFile Name :	012LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.20	21.22	20.69	20.37	5.15	ppb
Antimony	121-1	1.96	1.83	1.91	1.90	3.32	ppb
Arsenic	75-2	1.04	0.82	0.88	0.91	12.87	ppb
Barium	135-1	9.34	9.03	9.46	9.28	2.41	ppb
Barium	137-1	9.20	9.32	9.29	9.27	0.71	ppb
Beryllium	9-1	0.93	0.99	0.88	0.93	6.08	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	24.11	22.26	23.59	23.32	4.10	ppb
Boron	11-1	23.78	23.69	23.12	23.53	1.53	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.79	1.06	1.04	0.96	15.42	ppb
Cadmium	106-1	-3.12	-0.83	-0.91	-1.62		ppb
Cadmium	108-1	1.17	0.53	0.91	0.87	37.22	ppb
Calcium	43-1	498.00	511.41	463.66	491.02	5.02	ppb
Calcium	44-1	497.24	482.22	494.82	491.43	1.64	ppb
Chromium	52-2	1.94	1.84	1.78	1.85	4.40	ppb
Cobalt	59-2	0.90	0.88	0.90	0.89	1.04	ppb
Copper	63-2	1.65	1.61	1.49	1.58	5.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	54-2	59.40	56.60	52.25	56.09	6.42	ppb
Iron	56-2	52.81	54.18	51.57	52.85	2.47	ppb
Iron	57-2	50.85	51.92	51.98	51.58	1.23	ppb
Krypton	83-1						cps
Lead	206-1	1.08	1.12	1.04	1.08	3.67	ppb
Lead	207-1	1.06	1.07	1.04	1.06	1.22	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 16:53:07	DataFile Name :	012LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	1.06	1.06	1.07	1.06	0.42	ppb
Lithium	6-1				99		%
Magnesium	24-2	487.85	497.92	478.07	487.95	2.03	ppb
Manganese	55-2	1.00	0.91	0.92	0.94	5.36	ppb
Molybdenum	94-1	5.13	4.77	4.68	4.86	4.82	ppb
Molybdenum	95-1	4.86	4.65	5.03	4.84	3.92	ppb
Molybdenum	96-1	4.87	4.71	4.85	4.81	1.77	ppb
Molybdenum	97-1	4.84	4.70	4.44	4.66	4.31	ppb
Molybdenum	98-1	4.72	4.90	4.77	4.80	1.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.98	1.05	0.99	1.01	3.81	ppb
Phosphorus	31-2	-2.03	2.94	-8.15	-2.42		ppb
Potassium	39-2	496.52	511.82	492.73	500.36	2.02	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	6.07	5.81	4.28	5.39	17.93	ppb
Selenium	77-2	5.05	3.32	4.57	4.31	20.68	ppb
Selenium	78-2	4.49	3.28	4.49	4.09	17.17	ppb
Silicon	28-1	3.16	2.38	2.91	2.81	14.18	ppb
Silver	109-1	0.96	0.93	0.95	0.95	1.37	ppb
Silver	107-1	0.91	0.96	1.01	0.96	5.15	ppb
Sodium	23-2	522.34	532.38	521.93	525.55	1.13	ppb
Strontium	86-1	0.89	0.88	1.06	0.94	10.56	ppb
Strontium	88-1	0.97	0.90	0.93	0.93	3.59	ppb
Sulfur	34-1	-2644.34	-2642.87	-2466.41	-2584.54		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.94	0.82	0.84	0.87	7.35	ppb
Thallium	205-1	0.90	0.87	0.84	0.87	3.00	ppb
Thorium	232-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	4.65	4.60	4.72	4.66	1.29	ppb
Titanium	47-1	4.54	4.62	4.81	4.66	3.00	ppb
Uranium	238-1	0.79	0.80	0.83	0.81	2.32	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 16:53:07	DataFile Name :	012LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.58	4.72	4.54	4.61	1.99	ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	1.84	1.86	2.03	1.91	5.38	ppb
Zirconium	90-1	0.94	0.92	0.93	0.93	1.02	ppb
Zirconium	91-1	0.90	0.82	0.89	0.87	5.03	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 16:57:06	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.42	-0.57	-0.85	-0.62		ppb
Antimony	121-1	0.01	0.02	0.01	0.02	19.87	ppb
Arsenic	75-2	-0.02	-0.04	0.00	-0.02		ppb
Barium	135-1	0.00	0.00	0.00	0.00	1064.02	ppb
Barium	137-1	-0.01	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.00	0.01	0.02	0.01	93.06	ppb
Bismuth	209-1				97		%
Bismuth	209-2				101		%
Boron	10-1	1.46	1.20	1.51	1.39	11.98	ppb
Boron	11-1	1.42	1.27	1.46	1.38	7.36	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.30	-0.18	-0.03	-0.17		ppb
Cadmium	106-1	-3.82	-2.51	-0.06	-2.13		ppb
Cadmium	108-1	0.00	-0.07	0.16	0.03	421.29	ppb
Calcium	43-1	0.86	0.01	-1.40	-0.18		ppb
Calcium	44-1	-1.54	-2.70	4.70	0.15	2592.53	ppb
Chromium	52-2	0.00	0.01	0.04	0.02	159.91	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.46	-0.44	-0.39	-0.43		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				100		%
Iron	54-2	0.57	1.04	1.07	0.89	31.74	ppb
Iron	56-2	-0.10	-0.07	0.05	-0.04		ppb
Iron	57-2	0.55	-0.26	-0.14	0.05	921.07	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.06	0.06	0.05	29.15	ppb
Lead	207-1	0.05	0.06	0.07	0.06	15.62	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 16:57:06	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.05	0.06	0.07	0.06	17.45	ppb
Lithium	6-1				97		%
Magnesium	24-2	0.27	0.53	0.03	0.28	91.25	ppb
Manganese	55-2	0.00	0.00	0.01	0.00	71.51	ppb
Molybdenum	94-1	0.04	0.02	0.03	0.03	30.28	ppb
Molybdenum	95-1	0.02	0.02	0.01	0.02	50.57	ppb
Molybdenum	96-1	0.01	-0.01	0.00	0.00	605.56	ppb
Molybdenum	97-1	0.00	0.01	0.01	0.01	50.18	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	12.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	-0.01	-0.01		ppb
Phosphorus	31-2	0.35	8.87	-1.74	2.50	225.07	ppb
Potassium	39-2	-7.37	-5.91	-10.77	-8.01		ppb
Rhodium	103-1				96		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	1.04	-0.09	0.07	0.34	180.62	ppb
Selenium	77-2	-0.14	-0.14	-0.14	-0.14		ppb
Selenium	78-2	0.12	0.59	-0.35	0.12	388.20	ppb
Silicon	28-1	-1.52	-2.72	-0.59	-1.61		ppb
Silver	109-1	0.00	0.01	0.00	0.00	155.33	ppb
Silver	107-1	0.00	0.01	-0.01	0.00	794.93	ppb
Sodium	23-2	13.49	14.39	13.82	13.90	3.28	ppb
Strontium	86-1	0.01	0.14	0.03	0.06	116.04	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	314.22	ppb
Sulfur	34-1	-1462.27	-2008.37	791.99	-892.88		ppb
Terbium	159-1				97		%
Terbium	159-2				102		%
Thallium	203-1	0.00	0.00	-0.01	0.00		ppb
Thallium	205-1	0.00	0.00	-0.01	0.00		ppb
Thorium	232-1	-0.01	-0.01	-0.02	-0.01		ppb
Tin	118-1	0.01	0.03	0.00	0.01	107.81	ppb
Titanium	47-1	0.01	-0.11	-0.07	-0.06		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 16:57:06	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				97		%
Yttrium	89-2				101		%
Zinc	66-2	-0.06	0.01	0.08	0.01	661.45	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	172.66	ppb
Zirconium	91-1	-0.04	0.00	-0.02	-0.02		ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 17:00:40	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	95639.97	96227.71	93537.90	95135.19	1.49	ppb
Antimony	121-1	1.15	1.11	1.21	1.16	4.23	ppb
Arsenic	75-2	0.34	0.32	0.38	0.35	9.28	ppb
Barium	135-1	1.47	1.23	1.55	1.41	11.65	ppb
Barium	137-1	1.36	1.40	1.43	1.39	2.66	ppb
Beryllium	9-1	0.29	0.25	0.29	0.28	9.72	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	1.75	2.09	1.79	1.88	9.90	ppb
Boron	11-1	1.73	1.80	1.75	1.76	1.88	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.33	0.07	0.47	0.29	69.36	ppb
Cadmium	106-1	-3.67	-7.07	-3.08	-4.60		ppb
Cadmium	108-1	14.17	14.41	13.42	14.00	3.71	ppb
Calcium	43-1	102353.82	102961.52	102591.92	102635.75	0.30	ppb
Calcium	44-1	97526.84	96606.98	96688.99	96940.94	0.53	ppb
Chromium	52-2	19.48	19.18	18.94	19.20	1.41	ppb
Cobalt	59-2	1.14	1.11	1.19	1.15	3.55	ppb
Copper	63-2	9.68	9.86	9.45	9.66	2.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	54-2	104836.45	104694.71	103161.90	104231.02	0.89	ppb
Iron	56-2	104946.73	104252.13	103428.27	104209.04	0.73	ppb
Iron	57-2	105181.37	105699.86	102978.41	104619.88	1.38	ppb
Krypton	83-1						cps
Lead	206-1	4.43	4.33	4.32	4.36	1.35	ppb
Lead	207-1	3.97	3.81	3.77	3.85	2.80	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 17:00:40	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	4.07	4.03	4.01	4.04	0.82	ppb
Lithium	6-1				96		%
Magnesium	24-2	95566.93	95129.59	94881.46	95192.66	0.36	ppb
Manganese	55-2	7.46	7.40	7.62	7.49	1.54	ppb
Molybdenum	94-1	1378.60	1359.17	1355.53	1364.43	0.91	ppb
Molybdenum	95-1	1954.19	1911.57	1911.60	1925.79	1.28	ppb
Molybdenum	96-1	1880.98	1840.21	1812.61	1844.60	1.86	ppb
Molybdenum	97-1	1977.81	1930.41	1929.30	1945.84	1.42	ppb
Molybdenum	98-1	1936.75	1896.68	1908.14	1913.85	1.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.08	5.25	5.26	5.20	1.96	ppb
Phosphorus	31-2	96654.06	96195.61	95040.67	95963.45	0.87	ppb
Potassium	39-2	100110.28	101221.27	99945.36	100425.64	0.69	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	2.22	0.57	-0.83	0.65	234.24	ppb
Selenium	77-2	0.29	0.71	-0.14	0.28	150.14	ppb
Selenium	78-2	-0.98	0.49	1.36	0.29	406.13	ppb
Silicon	28-1	12.60	12.82	12.32	12.58	1.98	ppb
Silver	109-1	0.21	0.23	0.24	0.22	7.17	ppb
Silver	107-1	0.19	0.21	0.20	0.20	3.47	ppb
Sodium	23-2	102012.14	101364.30	101637.53	101671.32	0.32	ppb
Strontium	86-1	33.72	33.25	34.26	33.74	1.49	ppb
Strontium	88-1	34.03	33.55	33.72	33.77	0.71	ppb
Sulfur	34-1	111372.84	110623.06	108784.56	110260.15	1.21	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.14	0.12	0.12	0.13	9.30	ppb
Thallium	205-1	0.12	0.13	0.11	0.12	9.50	ppb
Thorium	232-1	-0.01	-0.02	-0.01	-0.01		ppb
Tin	118-1	0.26	0.21	0.24	0.24	10.34	ppb
Titanium	47-1	1949.15	1970.50	1958.34	1959.33	0.55	ppb
Uranium	238-1	-0.03	-0.03	-0.03	-0.03		ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 17:00:40	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.17	0.17	0.14	0.16	9.82	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	11.45	11.27	11.76	11.49	2.16	ppb
Zirconium	90-1	0.03	0.03	0.05	0.04	25.47	ppb
Zirconium	91-1	0.05	0.02	0.02	0.03	57.60	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 17:04:09	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	95033.70	94334.91	93431.60	94266.74	0.85	ppb
Antimony	121-1	20.84	21.80	20.75	21.13	2.77	ppb
Arsenic	75-2	19.60	20.54	19.27	19.80	3.32	ppb
Barium	135-1	21.01	22.03	20.65	21.23	3.39	ppb
Barium	137-1	20.76	22.07	21.58	21.47	3.10	ppb
Beryllium	9-1	20.04	20.92	20.74	20.57	2.26	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	56.56	58.92	58.05	57.84	2.06	ppb
Boron	11-1	56.61	62.12	59.70	59.48	4.64	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	19.30	21.89	19.45	20.21	7.20	ppb
Cadmium	106-1	19.18	24.61	20.45	21.41	13.27	ppb
Cadmium	108-1	36.63	36.33	35.59	36.18	1.49	ppb
Calcium	43-1	104086.24	111862.18	106669.14	107539.19	3.68	ppb
Calcium	44-1	97355.34	104418.43	100181.52	100651.76	3.53	ppb
Chromium	52-2	38.31	38.02	38.19	38.17	0.38	ppb
Cobalt	59-2	20.54	20.77	20.44	20.58	0.83	ppb
Copper	63-2	29.43	29.08	29.41	29.31	0.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	54-2	104559.38	104016.39	103038.45	103871.40	0.74	ppb
Iron	56-2	104527.63	103830.20	103012.10	103789.98	0.73	ppb
Iron	57-2	103605.20	103051.19	102608.24	103088.21	0.48	ppb
Krypton	83-1						cps
Lead	206-1	21.80	23.80	22.03	22.55	4.85	ppb
Lead	207-1	19.85	21.73	20.31	20.63	4.76	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 17:04:09	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	20.82	22.30	21.00	21.37	3.79	ppb
Lithium	6-1				92		%
Magnesium	24-2	95226.42	95092.01	94964.52	95094.31	0.14	ppb
Manganese	55-2	26.19	25.98	25.76	25.98	0.81	ppb
Molybdenum	94-1	1473.30	1570.42	1486.42	1510.04	3.49	ppb
Molybdenum	95-1	1963.10	2103.33	1966.75	2011.06	3.97	ppb
Molybdenum	96-1	1898.71	2025.77	1924.47	1949.65	3.45	ppb
Molybdenum	97-1	1969.04	2115.51	2010.04	2031.53	3.72	ppb
Molybdenum	98-1	1954.02	2090.78	2007.85	2017.55	3.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.62	24.31	24.27	24.40	0.77	ppb
Phosphorus	31-2	94781.99	94077.92	94447.05	94435.66	0.37	ppb
Potassium	39-2	99088.47	98531.05	99600.90	99073.47	0.54	ppb
Rhodium	103-1				96		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				101		%
Selenium	82-1	19.07	20.76	20.84	20.22	4.93	ppb
Selenium	77-2	17.35	18.66	17.11	17.70	4.72	ppb
Selenium	78-2	16.85	19.08	18.86	18.27	6.73	ppb
Silicon	28-1	46.71	54.06	49.82	50.20	7.35	ppb
Silver	109-1	18.55	20.53	18.34	19.14	6.30	ppb
Silver	107-1	18.80	19.92	18.88	19.20	3.27	ppb
Sodium	23-2	101670.54	100658.67	99917.66	100748.95	0.87	ppb
Strontium	86-1	86.43	94.18	86.09	88.90	5.15	ppb
Strontium	88-1	86.13	93.16	88.38	89.22	4.03	ppb
Sulfur	34-1	109843.54	119752.53	114755.98	114784.02	4.32	ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	20.07	21.07	20.11	20.42	2.77	ppb
Thallium	205-1	18.75	20.24	18.92	19.30	4.24	ppb
Thorium	232-1	0.65	0.68	0.63	0.65	4.33	ppb
Tin	118-1	53.11	57.71	53.48	54.77	4.66	ppb
Titanium	47-1	2017.02	2160.11	2053.98	2077.04	3.58	ppb
Uranium	238-1	48.83	52.17	49.64	50.21	3.47	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 17:04:09	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	19.64	19.16	18.94	19.25	1.87	ppb
Yttrium	89-1				99		%
Yttrium	89-2				101		%
Zinc	66-2	29.96	30.66	30.85	30.49	1.53	ppb
Zirconium	90-1	53.43	57.13	54.01	54.86	3.63	ppb
Zirconium	91-1	53.02	55.79	53.33	54.04	2.81	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	CCV26	Instrumnet Name :	P7
Client Sample ID :	CCV26	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 17:17:34	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49729.62	50070.50	49046.43	49615.52	1.05	ppb
Antimony	121-1	493.12	504.69	495.49	497.77	1.23	ppb
Arsenic	75-2	502.48	504.70	500.70	502.63	0.40	ppb
Barium	135-1	2439.46	2489.85	2447.11	2458.81	1.10	ppb
Barium	137-1	2429.37	2478.68	2447.95	2452.00	1.02	ppb
Beryllium	9-1	507.56	516.42	504.98	509.65	1.18	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Boron	10-1	515.81	534.01	510.94	520.25	2.34	ppb
Boron	11-1	523.21	533.07	522.38	526.22	1.13	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	488.87	501.45	491.05	493.79	1.36	ppb
Cadmium	106-1	491.46	495.56	486.17	491.06	0.96	ppb
Cadmium	108-1	484.59	499.38	491.24	491.74	1.51	ppb
Calcium	43-1	262145.06	261916.81	261583.44	261881.77	0.11	ppb
Calcium	44-1	245555.39	244908.40	245832.80	245432.20	0.19	ppb
Chromium	52-2	511.72	507.47	505.04	508.08	0.67	ppb
Cobalt	59-2	502.56	497.20	493.48	497.75	0.92	ppb
Copper	63-2	5259.13	5297.13	5158.84	5238.37	1.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	54-2	133051.07	131833.97	132306.67	132397.24	0.46	ppb
Iron	56-2	134348.99	132689.49	132183.83	133074.10	0.85	ppb
Iron	57-2	132824.31	131722.85	130371.92	131639.69	0.93	ppb
Krypton	83-1						cps
Lead	206-1	2539.45	2595.17	2560.27	2564.96	1.10	ppb
Lead	207-1	2541.19	2580.06	2581.84	2567.69	0.89	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	CCV26	Instrumnet Name :	P7
Client Sample ID :	CCV26	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 17:17:34	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	2543.82	2576.78	2569.19	2563.27	0.67	ppb
Lithium	6-1				92		%
Magnesium	24-2	250683.30	251906.95	247656.15	250082.13	0.88	ppb
Manganese	55-2	5028.93	4976.27	4990.35	4998.52	0.55	ppb
Molybdenum	94-1	2509.03	2541.84	2562.10	2537.66	1.06	ppb
Molybdenum	95-1	2525.07	2548.09	2565.10	2546.08	0.79	ppb
Molybdenum	96-1	2504.71	2518.50	2550.62	2524.61	0.93	ppb
Molybdenum	97-1	2544.33	2571.64	2583.97	2566.65	0.79	ppb
Molybdenum	98-1	2502.76	2542.32	2579.26	2541.45	1.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.99	503.30	496.25	501.51	0.92	ppb
Phosphorus	31-2	10104.58	10114.31	10159.43	10126.11	0.29	ppb
Potassium	39-2	128999.86	127373.89	126288.72	127554.15	1.07	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	501.90	498.49	501.38	500.59	0.37	ppb
Selenium	77-2	504.79	513.71	494.19	504.23	1.94	ppb
Selenium	78-2	492.29	500.23	491.04	494.52	1.01	ppb
Silicon	28-1	519.69	537.09	549.57	535.45	2.80	ppb
Silver	109-1	482.25	488.18	482.50	484.31	0.69	ppb
Silver	107-1	480.10	491.90	487.29	486.43	1.22	ppb
Sodium	23-2	241410.25	241443.53	240029.27	240961.01	0.33	ppb
Strontium	86-1	506.83	509.08	509.13	508.35	0.26	ppb
Strontium	88-1	513.04	518.22	512.81	514.69	0.59	ppb
Sulfur	34-1	8367.62	7557.04	7477.42	7800.69	6.31	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	503.53	511.08	506.80	507.14	0.75	ppb
Thallium	205-1	483.90	489.66	483.90	485.82	0.69	ppb
Thorium	232-1	516.96	523.57	520.66	520.40	0.64	ppb
Tin	118-1	494.90	512.59	495.80	501.09	1.99	ppb
Titanium	47-1	2504.50	2494.78	2484.54	2494.61	0.40	ppb
Uranium	238-1	515.87	526.66	525.05	522.52	1.11	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	CCV26	Instrumnet Name :	P7
Client Sample ID :	CCV26	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 17:17:34	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	509.83	511.63	504.68	508.72	0.71	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	5224.83	5187.94	5156.18	5189.65	0.66	ppb
Zirconium	90-1	510.05	513.20	511.90	511.72	0.31	ppb
Zirconium	91-1	501.92	508.90	503.82	504.88	0.71	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	CCB26	Instrumnet Name :	P7
Client Sample ID :	CCB26	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 17:26:20	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.45	1.37	1.10	1.31	14.15	ppb
Antimony	121-1	0.05	0.08	0.05	0.06	25.29	ppb
Arsenic	75-2	0.02	0.03	0.02	0.02	27.16	ppb
Barium	135-1	0.03	0.02	0.04	0.03	41.75	ppb
Barium	137-1	0.01	0.04	0.03	0.03	66.88	ppb
Beryllium	9-1	0.02	0.00	0.02	0.01	61.55	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	2.51	2.18	2.54	2.41	8.22	ppb
Boron	11-1	2.56	2.77	2.65	2.66	3.88	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.30	-0.31	-0.27	-0.29		ppb
Cadmium	106-1	-3.90	-4.20	-3.50	-3.87		ppb
Cadmium	108-1	0.15	-0.04	0.03	0.05	203.00	ppb
Calcium	43-1	2.67	3.15	2.35	2.72	14.82	ppb
Calcium	44-1	1.56	0.55	1.87	1.33	52.06	ppb
Chromium	52-2	0.06	0.06	0.06	0.06	5.70	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.15	-0.13	-0.09	-0.12		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	54-2	2.25	5.51	4.28	4.01	40.98	ppb
Iron	56-2	3.45	3.66	3.76	3.63	4.47	ppb
Iron	57-2	1.65	3.90	2.54	2.70	42.00	ppb
Krypton	83-1						cps
Lead	206-1	0.24	0.26	0.24	0.25	4.57	ppb
Lead	207-1	0.26	0.25	0.27	0.26	3.85	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	CCB26	Instrumnet Name :	P7
Client Sample ID :	CCB26	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 17:26:20	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.26	0.26	0.24	0.25	3.36	ppb
Lithium	6-1				97		%
Magnesium	24-2	6.41	8.52	6.36	7.10	17.41	ppb
Manganese	55-2	0.07	0.14	0.13	0.11	35.88	ppb
Molybdenum	94-1	0.08	0.16	0.12	0.12	34.78	ppb
Molybdenum	95-1	0.08	0.09	0.09	0.09	7.23	ppb
Molybdenum	96-1	0.06	0.07	0.09	0.07	23.21	ppb
Molybdenum	97-1	0.05	0.09	0.11	0.08	38.29	ppb
Molybdenum	98-1	0.06	0.06	0.09	0.07	23.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.01	0.03	0.02	37.45	ppb
Phosphorus	31-2	3.59	22.27	3.91	9.92	107.80	ppb
Potassium	39-2	11.89	11.04	11.06	11.33	4.27	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	-0.11	0.80	0.58	0.42	112.85	ppb
Selenium	77-2	-0.14	-0.14	-0.14	-0.14		ppb
Selenium	78-2	-0.47	-0.26	0.34	-0.13		ppb
Silicon	28-1	-4.30	-4.33	-4.17	-4.27		ppb
Silver	109-1	0.02	0.02	0.01	0.02	18.39	ppb
Silver	107-1	0.02	0.01	0.02	0.02	14.42	ppb
Sodium	23-2	76.43	75.14	73.53	75.03	1.94	ppb
Strontium	86-1	-0.04	0.11	-0.03	0.01	662.88	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	40.17	ppb
Sulfur	34-1	-3597.06	-3758.63	-3866.68	-3740.79		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.04	0.02	0.03	0.03	37.56	ppb
Thallium	205-1	0.03	0.02	0.03	0.03	16.74	ppb
Thorium	232-1	0.00	0.01	0.00	0.00	65.90	ppb
Tin	118-1	0.02	0.02	0.05	0.03	48.65	ppb
Titanium	47-1	0.08	-0.08	-0.01	0.00		ppb
Uranium	238-1	0.00	0.00	0.01	0.00	44.32	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	CCB26	Instrumnet Name :	P7
Client Sample ID :	CCB26	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 17:26:20	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.02	0.01	0.01	0.01	44.85	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	0.31	0.30	0.31	0.31	2.55	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	7.88	ppb
Zirconium	91-1	0.03	0.00	-0.02	0.00	825.78	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 17:29:52	DataFile Name :	018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.07	20.34	18.61	19.67	4.75	ppb
Antimony	121-1	1.88	1.87	1.88	1.88	0.44	ppb
Arsenic	75-2	0.90	0.82	0.93	0.88	6.68	ppb
Barium	135-1	8.82	9.50	8.54	8.95	5.53	ppb
Barium	137-1	9.09	8.87	9.33	9.10	2.55	ppb
Beryllium	9-1	0.94	0.89	0.97	0.93	4.26	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	23.45	23.60	25.31	24.12	4.28	ppb
Boron	11-1	24.73	24.26	24.30	24.43	1.06	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.90	0.78	0.74	0.81	10.71	ppb
Cadmium	106-1	-3.47	-2.50	-3.68	-3.22		ppb
Cadmium	108-1	1.21	0.71	1.03	0.99	25.66	ppb
Calcium	43-1	502.71	522.02	501.04	508.59	2.29	ppb
Calcium	44-1	490.70	489.19	482.91	487.60	0.85	ppb
Chromium	52-2	1.93	1.78	1.81	1.84	4.34	ppb
Cobalt	59-2	0.98	0.93	0.92	0.94	3.47	ppb
Copper	63-2	1.72	1.72	1.54	1.66	6.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	54-2	55.92	53.06	57.48	55.48	4.04	ppb
Iron	56-2	53.75	53.46	50.34	52.52	3.59	ppb
Iron	57-2	52.67	53.72	47.53	51.31	6.46	ppb
Krypton	83-1						cps
Lead	206-1	1.18	1.15	1.18	1.17	1.69	ppb
Lead	207-1	1.18	1.13	1.13	1.15	2.29	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 17:29:52	DataFile Name :	018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	1.18	1.18	1.16	1.17	1.23	ppb
Lithium	6-1				96		%
Magnesium	24-2	499.69	498.42	468.67	488.93	3.59	ppb
Manganese	55-2	0.95	0.90	0.94	0.93	3.10	ppb
Molybdenum	94-1	4.58	4.73	4.59	4.63	1.85	ppb
Molybdenum	95-1	4.78	4.59	4.58	4.65	2.44	ppb
Molybdenum	96-1	4.74	4.71	4.61	4.69	1.46	ppb
Molybdenum	97-1	4.54	4.62	4.52	4.56	1.11	ppb
Molybdenum	98-1	4.98	4.91	4.66	4.85	3.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.06	0.93	0.82	0.94	12.67	ppb
Phosphorus	31-2	-6.47	-3.10	-7.51	-5.69		ppb
Potassium	39-2	521.81	507.65	493.94	507.80	2.74	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	82-1	5.93	3.82	5.04	4.93	21.49	ppb
Selenium	77-2	5.99	5.55	3.33	4.96	28.79	ppb
Selenium	78-2	3.50	2.92	4.30	3.57	19.36	ppb
Silicon	28-1	1.42	2.75	1.03	1.73	52.02	ppb
Silver	109-1	0.94	0.97	0.97	0.96	1.77	ppb
Silver	107-1	0.89	0.94	0.96	0.93	4.25	ppb
Sodium	23-2	582.81	570.16	553.92	568.96	2.55	ppb
Strontium	86-1	1.00	0.85	0.84	0.90	9.74	ppb
Strontium	88-1	0.91	0.94	0.94	0.93	1.59	ppb
Sulfur	34-1	-3508.96	-3162.08	-3424.45	-3365.17		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.88	0.89	0.89	0.89	0.85	ppb
Thallium	205-1	0.85	0.86	0.85	0.85	0.48	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	251.37	ppb
Tin	118-1	4.64	4.51	4.59	4.58	1.52	ppb
Titanium	47-1	4.61	4.84	4.67	4.71	2.61	ppb
Uranium	238-1	0.82	0.78	0.81	0.80	2.57	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 17:29:52	DataFile Name :	018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.71	4.54	4.36	4.54	3.80	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	2.11	2.41	2.14	2.22	7.46	ppb
Zirconium	90-1	0.90	0.86	0.94	0.90	4.64	ppb
Zirconium	91-1	0.88	0.84	0.86	0.86	2.48	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	PB132720BL	Instrumnet Name :	P7
Client Sample ID :	PB132720BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 17:33:25	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.34	0.01	-0.07	-0.13		ppb
Antimony	121-1	0.02	0.01	0.01	0.01	27.64	ppb
Arsenic	75-2	-0.02	-0.04	-0.01	-0.02		ppb
Barium	135-1	0.02	0.00	0.01	0.01	95.43	ppb
Barium	137-1	0.01	0.00	0.00	0.01	100.48	ppb
Beryllium	9-1	0.00	0.01	0.00	0.00	180.10	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	2.22	1.85	1.59	1.89	16.70	ppb
Boron	11-1	1.98	1.84	1.79	1.87	5.46	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.22	-0.45	-0.41	-0.36		ppb
Cadmium	106-1	-2.67	-5.78	-5.40	-4.62		ppb
Cadmium	108-1	0.00	0.11	0.07	0.06	98.36	ppb
Calcium	43-1	-0.12	-1.21	-4.30	-1.88		ppb
Calcium	44-1	-2.47	-2.36	0.91	-1.31		ppb
Chromium	52-2	0.03	0.01	0.04	0.03	44.44	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.35	-0.29	-0.30	-0.31		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	54-2	0.96	-0.07	0.62	0.50	104.18	ppb
Iron	56-2	0.11	0.12	0.18	0.14	29.05	ppb
Iron	57-2	-0.11	0.26	-1.07	-0.30		ppb
Krypton	83-1						cps
Lead	206-1	0.16	0.13	0.13	0.14	12.74	ppb
Lead	207-1	0.13	0.12	0.14	0.13	5.92	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	PB132720BL	Instrumnet Name :	P7
Client Sample ID :	PB132720BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 17:33:25	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.15	0.12	0.12	0.13	13.81	ppb
Lithium	6-1				96		%
Magnesium	24-2	0.99	0.54	0.84	0.79	29.00	ppb
Manganese	55-2	0.01	0.00	0.01	0.01	49.18	ppb
Molybdenum	94-1	0.01	0.00	0.04	0.02	140.73	ppb
Molybdenum	95-1	0.01	0.02	0.02	0.01	29.54	ppb
Molybdenum	96-1	0.02	0.02	0.00	0.01	75.87	ppb
Molybdenum	97-1	0.02	0.03	0.01	0.02	58.20	ppb
Molybdenum	98-1	0.01	0.03	0.02	0.02	38.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	-0.02	0.00	1142.25	ppb
Phosphorus	31-2	-0.45	3.67	1.31	1.51	136.89	ppb
Potassium	39-2	0.49	-1.34	10.44	3.20	198.32	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	0.08	-0.34	-1.14	-0.47		ppb
Selenium	77-2	0.29	0.29	1.14	0.57	85.35	ppb
Selenium	78-2	-1.03	-0.66	-0.21	-0.63		ppb
Silicon	28-1	-6.98	-4.89	-4.47	-5.45		ppb
Silver	109-1	0.01	0.01	0.01	0.01	26.38	ppb
Silver	107-1	0.00	0.00	0.00	0.00	777.64	ppb
Sodium	23-2	49.44	45.05	48.12	47.54	4.73	ppb
Strontium	86-1	-0.04	0.11	0.00	0.02	299.02	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	37.36	ppb
Sulfur	34-1	-3712.73	-3276.48	-2898.39	-3295.87		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	-0.01	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.01	0.01	33.04	ppb
Thorium	232-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.03	0.00	0.00	0.01	152.70	ppb
Titanium	47-1	-0.08	-0.14	-0.07	-0.10		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	PB132720BL	Instrumnet Name :	P7
Client Sample ID :	PB132720BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 17:33:25	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	-0.03	0.00	0.09	0.02	293.39	ppb
Zirconium	90-1	0.00	-0.01	0.00	0.00		ppb
Zirconium	91-1	-0.02	-0.01	-0.03	-0.02		ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	PB132720BS	Instrumnet Name :	P7
Client Sample ID :	PB132720BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 17:36:58	DataFile Name :	020LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10586.58	10084.33	10201.75	10290.89	2.55	ppb
Antimony	121-1	498.09	496.68	495.37	496.71	0.27	ppb
Arsenic	75-2	504.70	477.66	490.99	491.12	2.75	ppb
Barium	135-1	2435.16	2445.26	2437.05	2439.16	0.22	ppb
Barium	137-1	2440.54	2437.71	2437.09	2438.45	0.08	ppb
Beryllium	9-1	502.89	504.30	505.47	504.22	0.26	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	10-1	506.82	510.85	511.97	509.88	0.53	ppb
Boron	11-1	504.56	512.54	510.09	509.06	0.80	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	498.00	499.47	499.88	499.12	0.20	ppb
Cadmium	106-1	495.69	494.12	495.42	495.08	0.17	ppb
Cadmium	108-1	497.87	504.52	500.21	500.87	0.67	ppb
Calcium	43-1	53313.96	53667.24	53466.77	53482.66	0.33	ppb
Calcium	44-1	48980.92	49044.23	49515.46	49180.20	0.59	ppb
Chromium	52-2	497.83	476.21	482.46	485.50	2.29	ppb
Cobalt	59-2	501.09	480.40	489.81	490.43	2.11	ppb
Copper	63-2	5045.91	4816.43	4898.84	4920.39	2.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	54-2	28965.57	27556.89	27786.65	28103.04	2.69	ppb
Iron	56-2	27506.82	26066.28	26408.25	26660.45	2.82	ppb
Iron	57-2	28158.76	26677.04	27087.01	27307.60	2.80	ppb
Krypton	83-1						cps
Lead	206-1	2503.65	2455.30	2491.94	2483.63	1.02	ppb
Lead	207-1	2507.40	2483.59	2486.64	2492.54	0.52	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	PB132720BS	Instrumnet Name :	P7
Client Sample ID :	PB132720BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 17:36:58	DataFile Name :	020LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	2505.35	2490.73	2506.28	2500.79	0.35	ppb
Lithium	6-1				96		%
Magnesium	24-2	51783.06	49200.98	49607.34	50197.13	2.77	ppb
Manganese	55-2	5020.65	4781.98	4830.41	4877.68	2.59	ppb
Molybdenum	94-1	2470.55	2489.15	2504.45	2488.05	0.68	ppb
Molybdenum	95-1	2477.46	2483.26	2528.46	2496.39	1.12	ppb
Molybdenum	96-1	2455.06	2473.73	2494.41	2474.40	0.80	ppb
Molybdenum	97-1	2501.61	2497.14	2535.90	2511.55	0.84	ppb
Molybdenum	98-1	2482.50	2467.97	2520.55	2490.34	1.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	501.52	479.16	489.95	490.21	2.28	ppb
Phosphorus	31-2	10037.27	9453.26	9680.81	9723.78	3.03	ppb
Potassium	39-2	26357.53	25177.12	25404.65	25646.44	2.44	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	495.50	494.05	506.96	498.84	1.42	ppb
Selenium	77-2	506.85	487.42	505.06	499.78	2.15	ppb
Selenium	78-2	512.28	473.78	499.28	495.11	3.96	ppb
Silicon	28-1	478.68	495.49	501.31	491.83	2.39	ppb
Silver	109-1	494.66	496.82	495.24	495.57	0.23	ppb
Silver	107-1	496.92	500.26	494.53	497.24	0.58	ppb
Sodium	23-2	52804.72	49921.49	50854.71	51193.64	2.87	ppb
Strontium	86-1	498.17	500.74	496.56	498.49	0.42	ppb
Strontium	88-1	503.07	510.34	507.53	506.98	0.72	ppb
Sulfur	34-1	8431.83	8830.24	8210.36	8490.81	3.70	ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	502.42	489.37	500.55	497.44	1.42	ppb
Thallium	205-1	477.78	467.54	474.45	473.25	1.10	ppb
Thorium	232-1	497.42	492.44	490.86	493.58	0.69	ppb
Tin	118-1	498.56	495.06	498.45	497.36	0.40	ppb
Titanium	47-1	2466.05	2483.00	2464.68	2471.24	0.41	ppb
Uranium	238-1	498.52	493.86	483.75	492.05	1.53	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	PB132720BS	Instrumnet Name :	P7
Client Sample ID :	PB132720BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 17:36:58	DataFile Name :	020LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	500.20	478.28	483.54	487.34	2.35	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	5019.94	4782.14	4878.74	4893.61	2.44	ppb
Zirconium	90-1	498.91	500.73	505.84	501.83	0.72	ppb
Zirconium	91-1	491.94	497.49	502.15	497.19	1.03	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	L4548-11DLX5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired ::	2020-12-01 17:57:48	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23798.64	23360.32	22703.79	23287.58	2.37	ppb
Antimony	121-1	219.58	213.16	213.29	215.34	1.70	ppb
Arsenic	75-2	413.29	412.45	404.89	410.21	1.13	ppb
Barium	135-1	1442.20	1397.86	1398.02	1412.70	1.81	ppb
Barium	137-1	1436.43	1402.52	1400.10	1413.02	1.44	ppb
Beryllium	9-1	97.12	96.38	98.00	97.16	0.84	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	160.52	167.33	165.43	164.43	2.14	ppb
Boron	11-1	165.19	169.97	170.96	168.71	1.83	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	464.31	456.28	454.16	458.25	1.17	ppb
Cadmium	106-1	398.26	385.78	376.14	386.73	2.87	ppb
Cadmium	108-1	407.61	399.62	392.32	399.85	1.91	ppb
Calcium	43-1	14806.79	14540.17	14713.87	14686.94	0.92	ppb
Calcium	44-1	14609.92	14519.94	14526.86	14552.24	0.34	ppb
Chromium	52-2	160.97	153.65	152.47	155.70	2.96	ppb
Cobalt	59-2	328.58	315.05	314.73	319.45	2.48	ppb
Copper	63-2	508.06	501.01	480.28	496.45	2.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	54-2	53480.88	52001.51	51147.65	52210.02	2.26	ppb
Iron	56-2	52890.24	50728.86	51060.61	51559.90	2.26	ppb
Iron	57-2	54192.92	52425.09	51665.97	52761.32	2.46	ppb
Krypton	83-1						cps
Lead	206-1	295.93	289.97	297.66	294.52	1.37	ppb
Lead	207-1	284.54	280.64	283.09	282.76	0.70	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	L4548-11DLX5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired ::	2020-12-01 17:57:48	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	291.20	289.74	290.28	290.41	0.25	ppb
Lithium	6-1				113		%
Magnesium	24-2	7077.90	6936.81	6748.92	6921.21	2.38	ppb
Manganese	55-2	370.71	357.86	358.26	362.27	2.02	ppb
Molybdenum	94-1	182.82	181.26	177.87	180.65	1.40	ppb
Molybdenum	95-1	254.29	247.41	244.81	248.84	1.97	ppb
Molybdenum	96-1	244.15	237.25	239.03	240.14	1.49	ppb
Molybdenum	97-1	252.49	247.52	244.80	248.27	1.57	ppb
Molybdenum	98-1	252.87	248.37	244.71	248.65	1.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	548.54	529.89	522.85	533.76	2.49	ppb
Phosphorus	31-2	1587.23	1615.30	1618.27	1606.93	1.07	ppb
Potassium	39-2	5636.42	5604.03	5638.92	5626.46	0.35	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	82-1	228.77	226.24	221.39	225.47	1.66	ppb
Selenium	77-2	251.14	256.00	237.08	248.07	3.96	ppb
Selenium	78-2	231.65	228.37	228.37	229.46	0.82	ppb
Silicon	28-1	382.96	392.42	386.32	387.23	1.24	ppb
Silver	109-1	67.81	66.87	65.93	66.87	1.41	ppb
Silver	107-1	67.43	67.04	66.68	67.05	0.56	ppb
Sodium	23-2	6459.78	6354.49	6201.41	6338.56	2.05	ppb
Strontium	86-1	295.17	293.32	287.64	292.04	1.34	ppb
Strontium	88-1	299.75	293.57	291.99	295.10	1.39	ppb
Sulfur	34-1	-5601.00	-6152.68	-6083.68	-5945.79		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	620.91	615.41	619.97	618.76	0.48	ppb
Thallium	205-1	630.83	622.38	641.53	631.58	1.52	ppb
Thorium	232-1	20.14	19.67	19.79	19.87	1.22	ppb
Tin	118-1	245.17	239.15	237.03	240.45	1.76	ppb
Titanium	47-1	772.69	764.77	768.48	768.65	0.52	ppb
Uranium	238-1	130.46	126.89	127.44	128.26	1.50	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	L4548-11DLX5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired ::	2020-12-01 17:57:48	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	567.93	544.57	542.46	551.65	2.56	ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	965.02	957.08	924.29	948.80	2.28	ppb
Zirconium	90-1	4.18	3.99	4.03	4.06	2.42	ppb
Zirconium	91-1	4.08	3.97	3.66	3.90	5.51	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	L4548-11DLREX5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired ::	2020-12-01 18:01:18	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23305.92	23016.87	22438.80	22920.53	1.93	ppb
Antimony	121-1	275.15	270.71	273.36	273.08	0.82	ppb
Arsenic	75-2	415.13	407.10	397.68	406.64	2.15	ppb
Barium	135-1	1409.34	1406.88	1429.40	1415.21	0.87	ppb
Barium	137-1	1414.46	1403.29	1421.25	1413.00	0.64	ppb
Beryllium	9-1	96.67	96.63	96.95	96.75	0.18	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	217.99	222.37	222.90	221.09	1.22	ppb
Boron	11-1	221.84	231.79	229.73	227.79	2.31	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	459.00	449.39	459.87	456.09	1.28	ppb
Cadmium	106-1	391.16	380.16	379.32	383.55	1.72	ppb
Cadmium	108-1	411.44	398.95	407.98	406.12	1.59	ppb
Calcium	43-1	14970.43	14714.59	14595.40	14760.14	1.30	ppb
Calcium	44-1	14740.64	14563.62	14448.52	14584.26	1.01	ppb
Chromium	52-2	161.40	157.00	151.64	156.68	3.12	ppb
Cobalt	59-2	328.72	321.11	313.14	320.99	2.43	ppb
Copper	63-2	505.43	492.78	484.06	494.09	2.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	54-2	53449.14	51836.38	50441.98	51909.17	2.90	ppb
Iron	56-2	53056.19	51666.65	50026.31	51583.05	2.94	ppb
Iron	57-2	53820.40	52867.20	51353.33	52680.31	2.36	ppb
Krypton	83-1						cps
Lead	206-1	297.25	296.45	298.71	297.47	0.38	ppb
Lead	207-1	284.99	282.04	286.13	284.39	0.74	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	L4548-11DLREX5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired ::	2020-12-01 18:01:18	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	292.32	290.94	292.11	291.79	0.25	ppb
Lithium	6-1				106		%
Magnesium	24-2	7027.11	6952.73	6704.88	6894.91	2.45	ppb
Manganese	55-2	365.64	359.75	351.23	358.87	2.02	ppb
Molybdenum	94-1	179.52	181.37	180.86	180.58	0.53	ppb
Molybdenum	95-1	248.64	250.38	248.81	249.28	0.39	ppb
Molybdenum	96-1	241.81	240.77	236.53	239.71	1.17	ppb
Molybdenum	97-1	249.87	249.93	247.09	248.96	0.65	ppb
Molybdenum	98-1	250.88	252.03	247.90	250.27	0.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	546.35	535.14	521.14	534.21	2.36	ppb
Phosphorus	31-2	1674.39	1522.13	1513.82	1570.12	5.76	ppb
Potassium	39-2	5611.94	5596.82	5488.32	5565.69	1.21	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				106		%
Selenium	82-1	227.21	224.65	223.73	225.20	0.80	ppb
Selenium	77-2	241.61	236.52	258.41	245.51	4.66	ppb
Selenium	78-2	238.61	230.25	228.94	232.60	2.26	ppb
Silicon	28-1	379.03	378.61	371.41	376.35	1.14	ppb
Silver	109-1	67.74	66.17	67.05	66.99	1.18	ppb
Silver	107-1	66.94	66.19	67.57	66.90	1.03	ppb
Sodium	23-2	6368.29	6306.78	6216.25	6297.11	1.21	ppb
Strontium	86-1	295.80	296.77	290.96	294.51	1.06	ppb
Strontium	88-1	295.47	295.52	294.86	295.28	0.13	ppb
Sulfur	34-1	-6999.98	-7290.88	-7670.64	-7320.50		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	626.89	624.10	626.57	625.85	0.24	ppb
Thallium	205-1	642.37	636.04	642.13	640.18	0.56	ppb
Thorium	232-1	20.04	20.03	20.17	20.08	0.39	ppb
Tin	118-1	239.80	239.88	243.50	241.06	0.88	ppb
Titanium	47-1	767.74	754.45	753.73	758.64	1.04	ppb
Uranium	238-1	129.12	128.17	128.12	128.47	0.44	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	L4548-11DLREX5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired ::	2020-12-01 18:01:18	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	565.74	553.91	541.47	553.71	2.19	ppb
Yttrium	89-1				105		%
Yttrium	89-2				106		%
Zinc	66-2	957.25	938.02	912.62	935.97	2.39	ppb
Zirconium	90-1	4.06	3.87	3.77	3.90	3.71	ppb
Zirconium	91-1	3.95	3.83	4.05	3.94	2.85	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	L4548-11DLRE2X5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired ::	2020-12-01 18:04:50	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22314.41	22164.51	21947.93	22142.28	0.83	ppb
Antimony	121-1	323.58	329.05	323.97	325.53	0.94	ppb
Arsenic	75-2	449.96	450.85	441.30	447.37	1.18	ppb
Barium	135-1	1418.62	1433.53	1432.99	1428.38	0.59	ppb
Barium	137-1	1422.32	1448.98	1437.50	1436.27	0.93	ppb
Beryllium	9-1	102.90	100.90	99.20	101.00	1.83	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Boron	10-1	234.89	241.53	235.33	237.25	1.57	ppb
Boron	11-1	244.84	251.05	251.95	249.28	1.55	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	476.25	479.19	470.57	475.34	0.92	ppb
Cadmium	106-1	401.49	401.01	393.12	398.54	1.18	ppb
Cadmium	108-1	424.55	424.24	421.85	423.55	0.35	ppb
Calcium	43-1	16045.48	15771.60	15869.43	15895.50	0.87	ppb
Calcium	44-1	15649.43	15458.13	15573.30	15560.29	0.62	ppb
Chromium	52-2	169.15	168.50	168.27	168.64	0.27	ppb
Cobalt	59-2	343.32	339.09	338.78	340.40	0.75	ppb
Copper	63-2	528.76	524.29	524.44	525.83	0.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	54-2	56883.13	56650.61	56364.44	56632.73	0.46	ppb
Iron	56-2	56210.35	56017.58	55416.32	55881.42	0.74	ppb
Iron	57-2	57735.33	57020.11	56451.80	57069.08	1.13	ppb
Krypton	83-1						cps
Lead	206-1	310.79	313.70	312.29	312.26	0.47	ppb
Lead	207-1	298.05	299.35	297.94	298.44	0.26	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	L4548-11DLRE2X5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired ::	2020-12-01 18:04:50	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	305.83	307.86	306.57	306.75	0.33	ppb
Lithium	6-1				102		%
Magnesium	24-2	7047.56	6984.25	6957.55	6996.45	0.66	ppb
Manganese	55-2	376.41	375.64	376.30	376.12	0.11	ppb
Molybdenum	94-1	192.62	196.25	196.29	195.05	1.08	ppb
Molybdenum	95-1	262.82	268.06	265.50	265.46	0.99	ppb
Molybdenum	96-1	252.28	258.24	254.12	254.88	1.20	ppb
Molybdenum	97-1	259.35	266.51	261.66	262.51	1.39	ppb
Molybdenum	98-1	262.39	264.27	262.62	263.09	0.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	569.08	562.97	560.96	564.34	0.75	ppb
Phosphorus	31-2	1764.42	1786.40	1728.86	1759.90	1.65	ppb
Potassium	39-2	5501.50	5456.03	5478.37	5478.63	0.42	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				105		%
Selenium	82-1	234.83	239.26	242.82	238.97	1.68	ppb
Selenium	77-2	239.14	281.99	249.91	257.01	8.67	ppb
Selenium	78-2	243.08	240.43	254.09	245.87	2.95	ppb
Silicon	28-1	1731.80	1748.49	1769.57	1749.95	1.08	ppb
Silver	109-1	71.82	72.21	71.82	71.95	0.31	ppb
Silver	107-1	71.94	72.40	72.10	72.15	0.32	ppb
Sodium	23-2	6771.51	6689.79	6738.72	6733.34	0.61	ppb
Strontium	86-1	298.61	308.84	303.31	303.59	1.69	ppb
Strontium	88-1	302.86	309.66	306.73	306.42	1.11	ppb
Sulfur	34-1	-7961.37	-8163.24	-7966.22	-8030.28		ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	662.69	665.25	659.36	662.43	0.45	ppb
Thallium	205-1	675.86	670.57	674.85	673.76	0.42	ppb
Thorium	232-1	20.70	20.73	20.05	20.50	1.86	ppb
Tin	118-1	264.11	269.34	265.19	266.21	1.04	ppb
Titanium	47-1	704.36	707.18	712.10	707.88	0.55	ppb
Uranium	238-1	137.59	137.61	135.51	136.90	0.88	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	L4548-11DLRE2X5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired ::	2020-12-01 18:04:50	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	594.70	583.59	586.79	588.36	0.97	ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	987.29	973.65	979.44	980.13	0.70	ppb
Zirconium	90-1	6.36	6.37	6.34	6.36	0.24	ppb
Zirconium	91-1	6.30	6.52	6.76	6.53	3.52	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	L4548-11DLRE3X5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired ::	2020-12-01 18:15:43	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23153.01	22587.86	21852.67	22531.18	2.89	ppb
Antimony	121-1	242.74	241.70	249.36	244.60	1.70	ppb
Arsenic	75-2	417.36	408.76	404.18	410.10	1.63	ppb
Barium	135-1	1415.03	1402.56	1441.04	1419.54	1.38	ppb
Barium	137-1	1417.66	1406.51	1431.66	1418.61	0.89	ppb
Beryllium	9-1	97.08	96.49	97.57	97.05	0.56	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	194.71	197.14	200.77	197.54	1.54	ppb
Boron	11-1	203.96	209.57	214.69	209.41	2.56	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	456.40	451.98	464.79	457.72	1.42	ppb
Cadmium	106-1	384.96	377.41	392.79	385.05	2.00	ppb
Cadmium	108-1	406.01	395.62	417.70	406.44	2.72	ppb
Calcium	43-1	14794.04	14722.81	14548.40	14688.42	0.86	ppb
Calcium	44-1	14595.46	14664.15	14468.14	14575.92	0.68	ppb
Chromium	52-2	160.05	157.95	152.12	156.71	2.62	ppb
Cobalt	59-2	328.22	322.75	314.21	321.73	2.19	ppb
Copper	63-2	503.05	497.45	480.00	493.50	2.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	54-2	52846.29	52732.79	50414.62	51997.90	2.64	ppb
Iron	56-2	52528.07	51745.76	49782.08	51351.97	2.75	ppb
Iron	57-2	53469.04	52345.61	50853.97	52222.87	2.51	ppb
Krypton	83-1						cps
Lead	206-1	297.54	299.18	294.13	296.95	0.87	ppb
Lead	207-1	284.83	285.44	281.93	284.07	0.66	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	L4548-11DLRE3X5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired ::	2020-12-01 18:15:43	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	292.21	292.77	289.92	291.63	0.52	ppb
Lithium	6-1				99		%
Magnesium	24-2	6910.81	6856.06	6590.96	6785.94	2.52	ppb
Manganese	55-2	364.63	362.96	350.09	359.23	2.22	ppb
Molybdenum	94-1	180.56	180.50	179.34	180.13	0.38	ppb
Molybdenum	95-1	249.37	250.94	248.76	249.69	0.45	ppb
Molybdenum	96-1	240.36	240.23	235.14	238.58	1.25	ppb
Molybdenum	97-1	248.07	249.42	247.00	248.16	0.49	ppb
Molybdenum	98-1	249.25	248.92	247.00	248.39	0.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	544.90	537.95	523.48	535.44	2.04	ppb
Phosphorus	31-2	1637.87	1530.65	1544.04	1570.85	3.72	ppb
Potassium	39-2	5618.99	5582.52	5465.56	5555.69	1.44	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				107		%
Selenium	82-1	223.91	221.96	223.31	223.06	0.45	ppb
Selenium	77-2	246.26	241.21	249.33	245.60	1.67	ppb
Selenium	78-2	228.81	225.69	224.95	226.48	0.91	ppb
Silicon	28-1	363.00	371.25	362.75	365.67	1.32	ppb
Silver	109-1	67.34	65.84	68.27	67.15	1.83	ppb
Silver	107-1	67.37	65.27	68.22	66.95	2.27	ppb
Sodium	23-2	6289.26	6292.97	6130.94	6237.72	1.48	ppb
Strontium	86-1	293.12	296.67	292.38	294.06	0.78	ppb
Strontium	88-1	295.91	295.95	295.27	295.71	0.13	ppb
Sulfur	34-1	-7859.50	-8177.06	-8536.22	-8190.92		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	624.76	624.49	620.48	623.24	0.38	ppb
Thallium	205-1	634.46	642.99	635.17	637.54	0.74	ppb
Thorium	232-1	19.95	19.99	19.76	19.90	0.61	ppb
Tin	118-1	241.46	237.97	246.02	241.82	1.67	ppb
Titanium	47-1	763.05	758.80	754.61	758.82	0.56	ppb
Uranium	238-1	127.64	130.05	126.81	128.17	1.32	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	L4548-11DLRE3X5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired ::	2020-12-01 18:15:43	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	567.21	554.90	535.37	552.49	2.91	ppb
Yttrium	89-1				106		%
Yttrium	89-2				107		%
Zinc	66-2	950.10	944.20	904.74	933.01	2.64	ppb
Zirconium	90-1	4.01	3.93	3.74	3.89	3.59	ppb
Zirconium	91-1	3.96	3.92	3.73	3.87	3.23	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	L4548-11DL2X10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	10
Date & Time Acquired ::	2020-12-01 18:19:16	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11544.67	11494.67	11011.52	11350.29	2.59	ppb
Antimony	121-1	123.55	125.17	122.37	123.69	1.13	ppb
Arsenic	75-2	211.21	209.47	203.34	208.01	1.99	ppb
Barium	135-1	718.57	723.57	705.35	715.83	1.31	ppb
Barium	137-1	715.31	719.99	704.73	713.34	1.10	ppb
Beryllium	9-1	53.25	53.11	53.18	53.18	0.13	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	118.49	112.20	115.52	115.40	2.73	ppb
Boron	11-1	116.71	119.40	119.85	118.65	1.43	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	231.64	234.29	225.79	230.58	1.89	ppb
Cadmium	106-1	189.22	199.38	187.45	192.01	3.35	ppb
Cadmium	108-1	204.83	207.74	207.65	206.74	0.80	ppb
Calcium	43-1	7357.71	7363.92	7501.91	7407.85	1.10	ppb
Calcium	44-1	7324.65	7394.81	7350.38	7356.61	0.48	ppb
Chromium	52-2	80.35	79.23	76.21	78.60	2.72	ppb
Cobalt	59-2	164.95	163.53	159.01	162.50	1.91	ppb
Copper	63-2	254.28	250.46	244.25	249.66	2.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	54-2	27434.06	27258.17	26297.89	26996.71	2.27	ppb
Iron	56-2	26184.70	26272.89	25271.94	25909.84	2.14	ppb
Iron	57-2	26887.90	26594.93	25646.39	26376.41	2.46	ppb
Krypton	83-1						cps
Lead	206-1	150.52	150.46	148.96	149.98	0.59	ppb
Lead	207-1	141.96	143.01	143.36	142.78	0.51	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	L4548-11DL2X10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	10
Date & Time Acquired ::	2020-12-01 18:19:16	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	146.01	147.19	147.02	146.74	0.43	ppb
Lithium	6-1				90		%
Magnesium	24-2	3486.40	3467.56	3329.36	3427.77	2.50	ppb
Manganese	55-2	180.98	182.64	176.58	180.07	1.74	ppb
Molybdenum	94-1	91.08	92.04	91.15	91.42	0.58	ppb
Molybdenum	95-1	127.14	125.49	126.42	126.35	0.65	ppb
Molybdenum	96-1	119.94	120.47	120.35	120.25	0.23	ppb
Molybdenum	97-1	126.10	126.16	124.73	125.66	0.64	ppb
Molybdenum	98-1	125.19	124.50	124.64	124.78	0.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	275.41	273.32	262.58	270.43	2.55	ppb
Phosphorus	31-2	786.40	810.16	782.25	792.94	1.90	ppb
Potassium	39-2	2786.95	2782.69	2708.92	2759.52	1.59	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				102		%
Scandium	45-2				107		%
Selenium	82-1	111.73	115.24	113.36	113.45	1.55	ppb
Selenium	77-2	125.87	127.11	120.63	124.54	2.76	ppb
Selenium	78-2	116.75	119.79	118.64	118.39	1.29	ppb
Silicon	28-1	175.78	184.06	179.05	179.63	2.32	ppb
Silver	109-1	34.39	33.93	33.08	33.80	1.96	ppb
Silver	107-1	33.94	34.06	33.28	33.76	1.25	ppb
Sodium	23-2	3155.62	3158.07	3085.20	3132.96	1.32	ppb
Strontium	86-1	149.17	148.90	150.76	149.61	0.67	ppb
Strontium	88-1	149.13	150.36	150.58	150.03	0.52	ppb
Sulfur	34-1	-8968.78	-8850.34	-9074.32	-8964.48		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	309.11	309.03	311.24	309.79	0.41	ppb
Thallium	205-1	295.21	295.32	295.32	295.29	0.02	ppb
Thorium	232-1	9.82	9.94	9.95	9.90	0.74	ppb
Tin	118-1	120.63	122.89	120.76	121.43	1.05	ppb
Titanium	47-1	380.67	382.35	378.36	380.46	0.53	ppb
Uranium	238-1	63.33	62.87	62.77	62.99	0.47	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	L4548-11DL2X10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	10
Date & Time Acquired ::	2020-12-01 18:19:16	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	284.71	282.55	270.61	279.29	2.72	ppb
Yttrium	89-1				106		%
Yttrium	89-2				106		%
Zinc	66-2	483.45	480.57	460.98	475.00	2.57	ppb
Zirconium	90-1	2.00	1.96	1.91	1.95	2.30	ppb
Zirconium	91-1	1.89	2.03	1.80	1.91	6.06	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	L4548-11	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 18:22:49	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	103852.94	102564.77	98855.01	101757.57	2.55	ppb
Antimony	121-1	1410.63	1429.84	1410.79	1417.08	0.78	ppb
Arsenic	75-2	1858.64	1856.35	1827.35	1847.45	0.94	ppb
Barium	135-1	7050.59	7215.21	7057.50	7107.77	1.31	ppb
Barium	137-1	7093.05	7219.37	7038.82	7117.08	1.30	ppb
Beryllium	9-1	278.53	276.15	276.13	276.94	0.50	ppb
Bismuth	209-1				97		%
Bismuth	209-2				94		%
Boron	10-1	676.28	691.85	696.26	688.13	1.53	ppb
Boron	11-1	738.43	744.98	751.47	744.96	0.88	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	2169.93	2204.22	2161.08	2178.41	1.05	ppb
Cadmium	106-1	1836.44	1883.49	1866.57	1862.17	1.28	ppb
Cadmium	108-1	1919.63	1977.87	1921.45	1939.65	1.71	ppb
Calcium	43-1	70339.68	69418.06	70454.51	70070.75	0.81	ppb
Calcium	44-1	64703.95	63999.53	65417.99	64707.16	1.10	ppb
Chromium	52-2	757.85	761.33	733.91	751.03	1.99	ppb
Cobalt	59-2	1573.66	1571.26	1513.87	1552.93	2.18	ppb
Copper	63-2	2454.18	2430.68	2413.61	2432.82	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	54-2	247532.46	251629.58	240692.75	246618.26	2.24	ppb
Iron	56-2	247340.75	249877.29	239604.75	245607.60	2.18	ppb
Iron	57-2	246191.90	247983.10	238268.09	244147.70	2.12	ppb
Krypton	83-1						cps
Lead	206-1	1655.77	1662.15	1683.15	1667.02	0.86	ppb
Lead	207-1	1441.02	1438.64	1456.89	1445.52	0.69	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	L4548-11	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 18:22:49	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	1591.17	1592.62	1599.27	1594.35	0.27	ppb
Lithium	6-1				149		%
Magnesium	24-2	31434.51	31215.98	30360.08	31003.52	1.83	ppb
Manganese	55-2	1705.33	1721.16	1658.46	1694.98	1.92	ppb
Molybdenum	94-1	788.53	795.27	791.59	791.80	0.43	ppb
Molybdenum	95-1	1092.72	1088.77	1094.00	1091.83	0.25	ppb
Molybdenum	96-1	1049.30	1054.31	1057.69	1053.77	0.40	ppb
Molybdenum	97-1	1081.49	1093.78	1088.99	1088.09	0.57	ppb
Molybdenum	98-1	1077.97	1089.06	1098.52	1088.52	0.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2567.94	2575.95	2487.22	2543.70	1.93	ppb
Phosphorus	31-2	7683.48	7444.66	7182.86	7437.00	3.37	ppb
Potassium	39-2	24591.53	24309.01	24088.87	24329.81	1.04	ppb
Rhodium	103-1				97		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				109		%
Selenium	82-1	979.07	971.74	978.54	976.45	0.42	ppb
Selenium	77-2	1085.23	1119.58	1075.19	1093.34	2.13	ppb
Selenium	78-2	1012.11	995.14	989.38	998.88	1.18	ppb
Silicon	28-1	1663.98	1726.48	1717.04	1702.50	1.98	ppb
Silver	109-1	313.17	319.53	312.49	315.06	1.23	ppb
Silver	107-1	310.94	318.11	316.17	315.07	1.18	ppb
Sodium	23-2	28324.47	28485.20	27643.32	28151.00	1.59	ppb
Strontium	86-1	1300.73	1277.84	1291.82	1290.13	0.89	ppb
Strontium	88-1	1326.23	1313.64	1325.84	1321.91	0.54	ppb
Sulfur	34-1	-8764.76	-9319.67	-8995.11	-9026.51		ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	3379.97	3412.07	3403.62	3398.55	0.49	ppb
Thallium	205-1	3182.23	3227.10	3220.90	3210.08	0.76	ppb
Thorium	232-1	102.84	101.87	103.02	102.58	0.60	ppb
Tin	118-1	1151.43	1177.20	1157.20	1161.94	1.16	ppb
Titanium	47-1	3583.68	3549.85	3571.49	3568.34	0.48	ppb
Uranium	238-1	744.45	745.34	743.99	744.59	0.09	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	L4548-11	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 18:22:49	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	2675.25	2663.21	2602.95	2647.13	1.46	ppb
Yttrium	89-1				116		%
Yttrium	89-2				115		%
Zinc	66-2	4443.72	4426.58	4327.00	4399.10	1.43	ppb
Zirconium	90-1	17.17	18.06	17.01	17.41	3.26	ppb
Zirconium	91-1	17.83	17.62	17.28	17.58	1.57	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	L4548-11RE	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILRE	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 18:33:01	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	101646.78	101681.96	98343.07	100557.27	1.91	ppb
Antimony	121-1	1044.60	1055.37	1050.12	1050.03	0.51	ppb
Arsenic	75-2	1854.00	1850.84	1809.80	1838.21	1.34	ppb
Barium	135-1	6814.10	7054.41	6979.64	6949.38	1.77	ppb
Barium	137-1	6915.44	7071.34	7078.75	7021.85	1.31	ppb
Beryllium	9-1	288.03	283.98	285.93	285.98	0.71	ppb
Bismuth	209-1				101		%
Bismuth	209-2				94		%
Boron	10-1	537.22	532.37	541.24	536.95	0.83	ppb
Boron	11-1	576.41	578.36	576.94	577.24	0.17	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	2123.74	2108.80	2116.18	2116.24	0.35	ppb
Cadmium	106-1	1766.76	1809.35	1792.01	1789.38	1.20	ppb
Cadmium	108-1	1867.34	1878.21	1890.47	1878.67	0.62	ppb
Calcium	43-1	70677.68	69544.11	68140.75	69454.18	1.83	ppb
Calcium	44-1	64506.09	63499.93	62955.81	63653.94	1.24	ppb
Chromium	52-2	776.35	772.25	748.99	765.86	1.93	ppb
Cobalt	59-2	1632.39	1615.88	1573.08	1607.12	1.90	ppb
Copper	63-2	2570.18	2574.76	2526.30	2557.08	1.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				90		%
Iron	54-2	253101.02	253003.96	246873.01	250992.66	1.42	ppb
Iron	56-2	253112.21	252820.48	243928.54	249953.74	2.09	ppb
Iron	57-2	253827.53	251592.20	245934.70	250451.48	1.62	ppb
Krypton	83-1						cps
Lead	206-1	1647.61	1644.09	1653.66	1648.45	0.29	ppb
Lead	207-1	1417.42	1423.31	1436.57	1425.77	0.69	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	L4548-11RE	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILRE	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 18:33:01	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	1578.35	1589.86	1586.19	1584.80	0.37	ppb
Lithium	6-1				137		%
Magnesium	24-2	31050.53	31469.05	30526.23	31015.27	1.52	ppb
Manganese	55-2	1728.99	1719.85	1672.81	1707.22	1.77	ppb
Molybdenum	94-1	786.40	792.11	792.29	790.27	0.42	ppb
Molybdenum	95-1	1089.23	1088.68	1099.23	1092.38	0.54	ppb
Molybdenum	96-1	1050.35	1051.15	1058.27	1053.25	0.41	ppb
Molybdenum	97-1	1081.87	1089.43	1082.90	1084.73	0.38	ppb
Molybdenum	98-1	1084.23	1093.45	1093.07	1090.25	0.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2671.60	2651.67	2589.14	2637.47	1.63	ppb
Phosphorus	31-2	7282.57	7115.12	7101.69	7166.46	1.41	ppb
Potassium	39-2	23835.40	23758.51	23488.32	23694.08	0.77	ppb
Rhodium	103-1				94		%
Rhodium	103-2				97		%
Scandium	45-1				95		%
Scandium	45-2				99		%
Selenium	82-1	963.87	965.99	972.45	967.44	0.46	ppb
Selenium	77-2	1079.53	1111.81	1074.02	1088.45	1.88	ppb
Selenium	78-2	987.82	977.39	975.20	980.14	0.69	ppb
Silicon	28-1	1631.30	1673.82	1585.44	1630.19	2.71	ppb
Silver	109-1	306.62	304.75	305.53	305.64	0.31	ppb
Silver	107-1	303.36	306.00	306.93	305.43	0.61	ppb
Sodium	23-2	28120.23	28184.34	27906.31	28070.30	0.52	ppb
Strontium	86-1	1280.64	1278.82	1285.91	1281.79	0.29	ppb
Strontium	88-1	1309.89	1288.56	1314.92	1304.45	1.07	ppb
Sulfur	34-1	-9824.34	-10299.12	-10441.06	-10188.17		ppb
Terbium	159-1				106		%
Terbium	159-2				99		%
Thallium	203-1	3368.02	3408.26	3368.57	3381.62	0.68	ppb
Thallium	205-1	3168.30	3244.70	3244.14	3219.05	1.37	ppb
Thorium	232-1	102.35	103.74	103.88	103.32	0.82	ppb
Tin	118-1	1129.19	1138.08	1134.05	1133.77	0.39	ppb
Titanium	47-1	3597.03	3566.68	3506.32	3556.67	1.30	ppb
Uranium	238-1	755.17	752.31	750.18	752.55	0.33	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	L4548-11RE	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILRE	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 18:33:01	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	2726.92	2731.20	2633.78	2697.30	2.04	ppb
Yttrium	89-1				113		%
Yttrium	89-2				108		%
Zinc	66-2	4609.96	4603.64	4500.98	4571.53	1.34	ppb
Zirconium	90-1	16.71	17.78	17.03	17.17	3.21	ppb
Zirconium	91-1	17.44	17.61	17.18	17.41	1.24	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	L4548-11RE2	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILRE	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 18:47:13	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98978.26	97026.90	97341.01	97782.06	1.07	ppb
Antimony	121-1	1354.05	1314.68	1366.63	1345.12	2.01	ppb
Arsenic	75-2	1953.57	1960.60	1943.15	1952.44	0.45	ppb
Barium	135-1	6893.93	6726.79	6973.68	6864.80	1.84	ppb
Barium	137-1	6900.89	6822.66	6941.42	6888.33	0.88	ppb
Beryllium	9-1	304.57	303.52	306.35	304.81	0.47	ppb
Bismuth	209-1				101		%
Bismuth	209-2				91		%
Boron	10-1	637.07	646.69	649.76	644.51	1.03	ppb
Boron	11-1	673.56	682.34	684.08	680.00	0.83	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	2135.65	2094.99	2146.64	2125.76	1.28	ppb
Cadmium	106-1	1810.88	1773.80	1809.25	1797.98	1.17	ppb
Cadmium	108-1	1874.04	1844.71	1901.70	1873.48	1.52	ppb
Calcium	43-1	73099.28	73289.75	73390.29	73259.78	0.20	ppb
Calcium	44-1	67115.58	67890.41	67956.54	67654.18	0.69	ppb
Chromium	52-2	837.74	839.69	839.01	838.81	0.12	ppb
Cobalt	59-2	1779.45	1777.79	1758.92	1772.05	0.64	ppb
Copper	63-2	2822.39	2772.64	2783.13	2792.72	0.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				95		%
Indium	115-1				93		%
Indium	115-2				82		%
Iron	54-2	280133.28	279450.73	276909.68	278831.23	0.61	ppb
Iron	56-2	279629.16	277347.87	279153.06	278710.03	0.43	ppb
Iron	57-2	280641.96	276803.15	278030.30	278491.80	0.70	ppb
Krypton	83-1						cps
Lead	206-1	1752.18	1743.84	1733.01	1743.01	0.55	ppb
Lead	207-1	1668.79	1668.96	1662.65	1666.80	0.22	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	L4548-11RE2	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILRE	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 18:47:13	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	1710.43	1697.78	1706.50	1704.90	0.38	ppb
Lithium	6-1				128		%
Magnesium	24-2	31918.03	31542.16	31486.88	31649.02	0.74	ppb
Manganese	55-2	1817.51	1804.56	1803.74	1808.60	0.43	ppb
Molybdenum	94-1	841.33	848.70	824.31	838.11	1.49	ppb
Molybdenum	95-1	1149.56	1149.45	1127.62	1142.21	1.11	ppb
Molybdenum	96-1	1113.01	1112.51	1088.95	1104.82	1.24	ppb
Molybdenum	97-1	1150.65	1147.14	1129.71	1142.50	0.98	ppb
Molybdenum	98-1	1149.78	1145.43	1133.10	1142.77	0.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2878.34	2864.33	2871.48	2871.39	0.24	ppb
Phosphorus	31-2	7821.49	7719.68	7690.02	7743.73	0.89	ppb
Potassium	39-2	23096.46	22654.89	22866.13	22872.49	0.97	ppb
Rhodium	103-1				89		%
Rhodium	103-2				90		%
Scandium	45-1				86		%
Scandium	45-2				87		%
Selenium	82-1	1003.49	1013.97	991.35	1002.94	1.13	ppb
Selenium	77-2	1132.94	1114.48	1111.31	1119.58	1.04	ppb
Selenium	78-2	1027.97	1017.18	1001.85	1015.66	1.29	ppb
Silicon	28-1	8969.01	8916.55	8939.45	8941.67	0.29	ppb
Silver	109-1	318.69	311.32	318.01	316.01	1.29	ppb
Silver	107-1	316.88	311.59	318.57	315.68	1.15	ppb
Sodium	23-2	30047.44	29820.53	29947.52	29938.50	0.38	ppb
Strontium	86-1	1295.07	1307.81	1290.44	1297.77	0.69	ppb
Strontium	88-1	1350.18	1338.35	1336.41	1341.65	0.56	ppb
Sulfur	34-1	-11015.59	-10862.17	-10710.21	-10862.65		ppb
Terbium	159-1				104		%
Terbium	159-2				94		%
Thallium	203-1	3575.52	3536.83	3577.91	3563.42	0.65	ppb
Thallium	205-1	3449.54	3397.93	3398.06	3415.18	0.87	ppb
Thorium	232-1	108.39	108.00	108.88	108.42	0.41	ppb
Tin	118-1	1203.28	1187.11	1214.87	1201.75	1.16	ppb
Titanium	47-1	3367.91	3383.52	3383.52	3378.32	0.27	ppb
Uranium	238-1	802.00	814.71	811.73	809.48	0.82	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	L4548-11RE2	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILRE	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 18:47:13	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	2923.53	2890.56	2918.23	2910.77	0.61	ppb
Yttrium	89-1				108		%
Yttrium	89-2				98		%
Zinc	66-2	4891.34	4881.09	4866.71	4879.71	0.25	ppb
Zirconium	90-1	28.73	28.51	28.33	28.52	0.72	ppb
Zirconium	91-1	29.43	28.91	27.65	28.66	3.19	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	CCV27	Instrumnet Name :	P7
Client Sample ID :	CCV27	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 19:02:12	DataFile Name :	036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48073.91	47702.65	48098.69	47958.42	0.46	ppb
Antimony	121-1	484.73	473.62	472.62	476.99	1.41	ppb
Arsenic	75-2	501.06	512.13	501.20	504.80	1.26	ppb
Barium	135-1	2388.12	2361.35	2374.14	2374.54	0.56	ppb
Barium	137-1	2364.12	2356.47	2378.23	2366.27	0.47	ppb
Beryllium	9-1	492.98	495.28	497.51	495.26	0.46	ppb
Bismuth	209-1				103		%
Bismuth	209-2				96		%
Boron	10-1	536.38	547.10	549.09	544.19	1.26	ppb
Boron	11-1	559.98	556.94	565.27	560.73	0.75	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	468.10	464.67	462.72	465.16	0.59	ppb
Cadmium	106-1	465.50	448.77	457.87	457.38	1.83	ppb
Cadmium	108-1	453.62	455.27	469.95	459.61	1.96	ppb
Calcium	43-1	257678.69	259207.17	259907.13	258931.00	0.44	ppb
Calcium	44-1	244386.68	246668.13	246101.83	245718.88	0.48	ppb
Chromium	52-2	525.46	533.48	516.25	525.06	1.64	ppb
Cobalt	59-2	519.09	536.51	515.75	523.78	2.13	ppb
Copper	63-2	5466.01	5576.41	5371.07	5471.16	1.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				87		%
Iron	54-2	137406.04	140174.80	135887.39	137822.74	1.58	ppb
Iron	56-2	136975.99	140041.62	135097.18	137371.60	1.82	ppb
Iron	57-2	136329.91	139379.34	135546.25	137085.16	1.48	ppb
Krypton	83-1						cps
Lead	206-1	2588.34	2572.40	2635.11	2598.62	1.25	ppb
Lead	207-1	2590.92	2561.82	2591.18	2581.31	0.65	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	CCV27	Instrumnet Name :	P7
Client Sample ID :	CCV27	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 19:02:12	DataFile Name :	036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	2592.02	2563.13	2600.76	2585.30	0.76	ppb
Lithium	6-1				83		%
Magnesium	24-2	248300.04	248469.88	248190.52	248320.15	0.06	ppb
Manganese	55-2	5068.23	5217.12	5010.16	5098.50	2.09	ppb
Molybdenum	94-1	2560.13	2511.79	2510.53	2527.48	1.12	ppb
Molybdenum	95-1	2540.10	2536.15	2500.92	2525.72	0.85	ppb
Molybdenum	96-1	2516.40	2514.12	2505.84	2512.12	0.22	ppb
Molybdenum	97-1	2500.94	2504.87	2498.35	2501.39	0.13	ppb
Molybdenum	98-1	2521.14	2521.62	2506.21	2516.32	0.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	524.83	540.29	519.01	528.04	2.08	ppb
Phosphorus	31-2	9495.03	9584.72	9597.01	9558.92	0.58	ppb
Potassium	39-2	125816.10	124811.11	125262.37	125296.52	0.40	ppb
Rhodium	103-1				95		%
Rhodium	103-2				89		%
Scandium	45-1				91		%
Scandium	45-2				86		%
Selenium	82-1	474.16	476.71	469.16	473.34	0.81	ppb
Selenium	77-2	499.30	504.98	494.75	499.68	1.03	ppb
Selenium	78-2	475.61	490.30	491.76	485.89	1.84	ppb
Silicon	28-1	437.89	454.51	460.62	451.00	2.61	ppb
Silver	109-1	466.58	454.99	454.78	458.78	1.47	ppb
Silver	107-1	463.88	456.68	458.41	459.66	0.82	ppb
Sodium	23-2	243221.15	242015.77	243086.85	242774.59	0.27	ppb
Strontium	86-1	491.94	491.41	493.26	492.20	0.19	ppb
Strontium	88-1	508.25	505.81	503.17	505.74	0.50	ppb
Sulfur	34-1	4403.93	4756.43	4569.85	4576.74	3.85	ppb
Terbium	159-1				108		%
Terbium	159-2				98		%
Thallium	203-1	501.33	505.43	507.14	504.63	0.59	ppb
Thallium	205-1	519.73	522.67	534.94	525.78	1.53	ppb
Thorium	232-1	524.10	525.50	522.91	524.17	0.25	ppb
Tin	118-1	482.40	475.29	473.79	477.16	0.96	ppb
Titanium	47-1	2439.74	2447.90	2475.03	2454.22	0.75	ppb
Uranium	238-1	524.42	522.68	524.73	523.94	0.21	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	CCV27	Instrumnet Name :	P7
Client Sample ID :	CCV27	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 19:02:12	DataFile Name :	036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	518.87	507.08	511.89	512.62	1.16	ppb
Yttrium	89-1				99		%
Yttrium	89-2				90		%
Zinc	66-2	5231.76	5341.10	5206.92	5259.93	1.36	ppb
Zirconium	90-1	498.55	499.18	490.96	496.23	0.92	ppb
Zirconium	91-1	495.66	492.70	488.64	492.33	0.72	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	CCB27	Instrumnet Name :	P7
Client Sample ID :	CCB27	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 19:16:42	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.39	0.97	1.44	1.27	20.22	ppb
Antimony	121-1	0.06	0.06	0.06	0.06	6.27	ppb
Arsenic	75-2	0.00	0.06	0.02	0.03	114.09	ppb
Barium	135-1	0.06	0.07	0.04	0.06	28.58	ppb
Barium	137-1	0.03	0.05	0.05	0.04	31.82	ppb
Beryllium	9-1	0.07	0.05	0.05	0.06	16.00	ppb
Bismuth	209-1				105		%
Bismuth	209-2				99		%
Boron	10-1	8.63	8.16	7.74	8.18	5.41	ppb
Boron	11-1	8.72	8.86	8.88	8.82	0.99	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.77	-0.67	-0.47	-0.64		ppb
Cadmium	106-1	-10.59	-9.19	-6.60	-8.79		ppb
Cadmium	108-1	-0.04	-0.12	-0.12	-0.09		ppb
Calcium	43-1	4.47	4.08	3.41	3.99	13.44	ppb
Calcium	44-1	2.80	2.98	3.86	3.21	17.73	ppb
Chromium	52-2	0.06	0.07	0.05	0.06	16.89	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	197.36	ppb
Copper	63-2	-0.15	-0.15	-0.23	-0.18		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				97		%
Indium	115-1				101		%
Indium	115-2				89		%
Iron	54-2	3.18	5.31	3.40	3.96	29.46	ppb
Iron	56-2	3.67	3.98	3.84	3.83	4.03	ppb
Iron	57-2	1.41	3.01	1.19	1.87	53.11	ppb
Krypton	83-1						cps
Lead	206-1	0.41	0.38	0.37	0.39	6.24	ppb
Lead	207-1	0.39	0.41	0.43	0.41	4.79	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	CCB27	Instrumnet Name :	P7
Client Sample ID :	CCB27	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 19:16:42	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.40	0.38	0.39	0.39	1.92	ppb
Lithium	6-1				87		%
Magnesium	24-2	5.75	5.90	6.26	5.97	4.39	ppb
Manganese	55-2	0.15	0.11	0.13	0.13	16.31	ppb
Molybdenum	94-1	0.04	0.07	0.12	0.08	56.37	ppb
Molybdenum	95-1	0.06	0.07	0.08	0.07	17.23	ppb
Molybdenum	96-1	0.10	0.07	0.09	0.08	16.72	ppb
Molybdenum	97-1	0.05	0.06	0.07	0.06	18.88	ppb
Molybdenum	98-1	0.05	0.07	0.09	0.07	25.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	0.04	0.02	144.06	ppb
Phosphorus	31-2	-7.39	0.50	1.03	-1.95		ppb
Potassium	39-2	-27.19	-28.96	-35.19	-30.45		ppb
Rhodium	103-1				99		%
Rhodium	103-2				94		%
Scandium	45-1				90		%
Scandium	45-2				84		%
Selenium	82-1	1.27	0.46	0.54	0.75	59.45	ppb
Selenium	77-2	-0.14	-0.14	-0.14	-0.14		ppb
Selenium	78-2	-0.32	1.85	0.75	0.76	143.43	ppb
Silicon	28-1	-8.07	-8.11	-9.16	-8.45		ppb
Silver	109-1	0.02	0.03	0.02	0.03	15.08	ppb
Silver	107-1	0.02	0.03	0.03	0.03	21.03	ppb
Sodium	23-2	41.13	45.57	40.23	42.31	6.76	ppb
Strontium	86-1	0.09	-0.09	0.03	0.01	964.60	ppb
Strontium	88-1	0.01	0.01	0.02	0.01	54.17	ppb
Sulfur	34-1	-5514.04	-5268.02	-5079.48	-5287.18		ppb
Terbium	159-1				106		%
Terbium	159-2				97		%
Thallium	203-1	0.09	0.09	0.10	0.09	10.15	ppb
Thallium	205-1	0.10	0.10	0.10	0.10	1.49	ppb
Thorium	232-1	0.05	0.05	0.07	0.05	16.54	ppb
Tin	118-1	0.06	0.06	0.08	0.06	22.62	ppb
Titanium	47-1	0.01	0.01	0.00	0.01	69.96	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	68.03	ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	CCB27	Instrumnet Name :	P7
Client Sample ID :	CCB27	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 19:16:42	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.01	0.01	0.01	24.09	ppb
Yttrium	89-1				97		%
Yttrium	89-2				89		%
Zinc	66-2	0.44	0.25	0.46	0.38	29.48	ppb
Zirconium	90-1	0.00	0.01	0.02	0.01	119.41	ppb
Zirconium	91-1	0.02	-0.01	-0.01	0.00		ppb

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 15:41:11	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158	192	125	158	21.05	cps
Antimony	121-1	8	25	25	19	49.50	cps
Arsenic	75-2	9	15	19	14	32.83	cps
Barium	135-1	0	25	17	14	91.65	cps
Barium	137-1	0	50	42	31	87.67	cps
Beryllium	9-1	78	83	39	67	36.32	cps
Bismuth	209-1	5826844	5886310	5881576	5864910	0.56	cps
Bismuth	209-2	3782500	3753820	3709419	3748579	0.98	cps
Boron	10-1	117	100	133	117	14.29	cps
Boron	11-1	642	567	675	628	8.84	cps
Bromine	81-1	3484	3434	3684	3534	3.74	cps
Bromine	81-2	80	80	50	70	24.74	cps
Cadmium	111-1	3636	3227	3487	3450	5.99	cps
Cadmium	106-1	5184	4559	4943	4895	6.44	cps
Cadmium	108-1	8	8	21	12	57.75	cps
Calcium	43-1	225	250	192	222	13.17	cps
Calcium	44-1	20542	21199	20700	20814	1.65	cps
Chromium	52-2	927	923	947	932	1.35	cps
Cobalt	59-2	133	110	153	132	16.40	cps
Copper	63-2	3314	3544	3484	3447	3.46	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	7	3	10	7	50.03	cps
Erbium	164-1	25	83	100	69	56.71	cps
Erbium	164-2	23	27	30	27	12.51	cps
Gadolinium	160-1	58	100	117	92	32.78	cps
Gadolinium	160-2	100	113	90	101	11.58	cps
Holmium	165-1	9163843	9143206	9153280	9153443	0.11	cps
Holmium	165-2	5345739	5366503	5314021	5342088	0.49	cps
Indium	115-1	6976557	7047820	7092327	7038901	0.83	cps
Indium	115-2	2065821	2059252	2063593	2062888	0.16	cps
Iron	54-2	1131	1131	1281	1181	7.34	cps
Iron	56-2	5118	4590	5357	5021	7.82	cps
Iron	57-2	372	372	339	361	5.33	cps
Krypton	83-1	660	710	700	690	3.83	cps
Lead	206-1	400	311	417	376	15.10	cps
Lead	207-1	278	333	289	300	9.80	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 15:41:11	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	1533	1561	1578	1557	1.44	cps
Lithium	6-1	2533999	2537785	2556832	2542872	0.48	cps
Magnesium	24-2	167	175	217	186	14.39	cps
Manganese	55-2	70	70	67	69	2.79	cps
Molybdenum	94-1	217	158	167	181	17.48	cps
Molybdenum	95-1	17	0	17	11	86.60	cps
Molybdenum	96-1	75	58	75	69	13.86	cps
Molybdenum	97-1	0	0	0	0	0.00	cps
Molybdenum	98-1	25	25	8	19	49.50	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	50	57	43	50	13.34	cps
Phosphorus	31-2	275	267	408	317	25.10	cps
Potassium	39-2	89762	91103	92830	91232	1.69	cps
Rhodium	103-1	7058757	7019398	7081522	7053226	0.45	cps
Rhodium	103-2	4152620	4158524	4155751	4155632	0.07	cps
Scandium	45-1	5249760	5350931	5384975	5328555	1.32	cps
Scandium	45-2	405884	408320	411314	408506	0.67	cps
Selenium	82-1	28	-59	0	-11	-420.36	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	74	78	117	90	26.36	cps
Silicon	28-1	475789	488582	474631	479667	1.61	cps
Silver	109-1	33	8	25	22	57.29	cps
Silver	107-1	33	100	75	69	48.50	cps
Sodium	23-2	23694	24153	23903	23917	0.96	cps
Strontium	86-1	992	1058	1058	1036	3.71	cps
Strontium	88-1	83	108	133	108	23.08	cps
Sulfur	34-1	711089	718920	716701	715570	0.56	cps
Terbium	159-1	9420512	9480651	9443310	9448157	0.32	cps
Terbium	159-2	5495859	5521158	5489452	5502156	0.30	cps
Thallium	203-1	75	158	108	114	36.83	cps
Thallium	205-1	192	292	233	239	21.03	cps
Thorium	232-1	633	556	661	617	8.87	cps
Tin	118-1	400	267	400	356	21.65	cps
Titanium	47-1	175	200	250	208	18.33	cps
Uranium	238-1	41	32	33	35	15.02	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 15:41:11	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	20	3	7	10	88.20	cps
Yttrium	89-1	12281177	12345928	12309428	12312178	0.26	cps
Yttrium	89-2	2768025	2770910	2789113	2776016	0.41	cps
Zinc	66-2	200	227	287	238	18.67	cps
Zirconium	90-1	633	592	517	581	10.18	cps
Zirconium	91-1	142	150	117	136	12.74	cps

LB Number : LB112185 Operator : JASWAL
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-01 15:44:44 DataFile Name : 004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2542	2250	2384	2392	6.11	cps
Antimony	121-1	10921	10070	10045	10346	4.82	cps
Arsenic	75-2	304	337	330	323	5.41	cps
Barium	135-1	11747	11914	11522	11727	1.68	cps
Barium	137-1	20182	20599	21450	20744	3.12	cps
Beryllium	9-1	1672	1922	1872	1822	7.26	cps
Bismuth	209-1	5910763	5871681	5799973	5860805	0.96	cps
Bismuth	209-2	3749646	3753300	3755577	3752841	0.08	cps
Boron	10-1	4943	4801	4859	4868	1.46	cps
Boron	11-1	21891	22985	22884	22587	2.68	cps
Bromine	81-1	3526	3884	3784	3731	4.96	cps
Bromine	81-2	50	60	100	70	37.80	cps
Cadmium	111-1	4905	5235	5003	5048	3.36	cps
Cadmium	106-1	4593	5134	4726	4818	5.86	cps
Cadmium	108-1	163	150	204	172	16.47	cps
Calcium	43-1	8953	9178	9328	9153	2.06	cps
Calcium	44-1	159793	161891	157412	159699	1.40	cps
Chromium	52-2	6061	6522	5938	6174	4.98	cps
Cobalt	59-2	4287	3931	3807	4008	6.22	cps
Copper	63-2	9160	8876	8990	9008	1.58	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	13	3	3	7	86.65	cps
Erbium	164-1	33	75	75	61	39.37	cps
Erbium	164-2	27	27	20	24	15.75	cps
Gadolinium	160-1	108	75	50	78	37.63	cps
Gadolinium	160-2	117	120	90	109	15.10	cps
Holmium	165-1	9124627	9153379	9263628	9180545	0.80	cps
Holmium	165-2	5353614	5354013	5313562	5340396	0.44	cps
Indium	115-1	7076083	7133569	7070357	7093337	0.49	cps
Indium	115-2	2064731	2069947	2041340	2058673	0.74	cps
Iron	54-2	8101	7430	7470	7667	4.91	cps
Iron	56-2	122398	120763	115874	119678	2.84	cps
Iron	57-2	3384	3178	2939	3167	7.02	cps
Krypton	83-1	703	623	823	717	14.05	cps
Lead	206-1	4206	4217	4334	4253	1.67	cps
Lead	207-1	3890	3778	3817	3828	1.47	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 15:44:44	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	17605	17116	17004	17242	1.85	cps
Lithium	6-1	2551850	2558367	2549926	2553381	0.17	cps
Magnesium	24-2	120631	117516	114358	117502	2.67	cps
Manganese	55-2	1763	1663	1660	1696	3.46	cps
Molybdenum	94-1	11213	11046	11647	11302	2.74	cps
Molybdenum	95-1	13941	13915	13915	13924	0.10	cps
Molybdenum	96-1	14825	16185	15175	15395	4.59	cps
Molybdenum	97-1	8369	8136	7961	8155	2.51	cps
Molybdenum	98-1	22209	21375	21391	21658	2.20	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1133	1210	1110	1151	4.55	cps
Phosphorus	31-2	292	300	300	297	1.62	cps
Potassium	39-2	211071	213106	206669	210282	1.56	cps
Rhodium	103-1	7090912	7030368	7017148	7046143	0.56	cps
Rhodium	103-2	4171425	4221716	4150687	4181276	0.87	cps
Scandium	45-1	5282275	5392035	5290420	5321577	1.15	cps
Scandium	45-2	405484	407125	403840	405483	0.41	cps
Selenium	82-1	410	511	294	405	26.84	cps
Selenium	77-2	70	33	30	44	49.94	cps
Selenium	78-2	230	248	193	223	12.66	cps
Silicon	28-1	525967	522611	522362	523647	0.38	cps
Silver	109-1	6368	6577	6193	6379	3.01	cps
Silver	107-1	7110	6268	6635	6671	6.33	cps
Sodium	23-2	229495	227930	223268	226898	1.43	cps
Strontium	86-1	2600	2667	2409	2559	5.24	cps
Strontium	88-1	15517	14316	14491	14775	4.39	cps
Sulfur	34-1	727261	727067	735823	730050	0.68	cps
Terbium	159-1	9411755	9459959	9608435	9493383	1.08	cps
Terbium	159-2	5527296	5542614	5450964	5506958	0.89	cps
Thallium	203-1	5310	4884	4684	4959	6.44	cps
Thallium	205-1	11088	11656	11622	11455	2.78	cps
Thorium	232-1	517	617	456	530	15.36	cps
Tin	118-1	20832	19806	20273	20304	2.53	cps
Titanium	47-1	4226	4376	4376	4326	2.00	cps
Uranium	238-1	15929	16412	15124	15822	4.11	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 15:44:44	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	10978	11108	10951	11012	0.76	cps
Yttrium	89-1	12116967	12149114	12232287	12166123	0.49	cps
Yttrium	89-2	2762524	2796577	2786078	2781726	0.63	cps
Zinc	66-2	1177	1067	1237	1160	7.43	cps
Zirconium	90-1	9020	8970	9862	9284	5.40	cps
Zirconium	91-1	2017	2000	2292	2103	7.79	cps

LB Number : LB112185 Operator : JASWAL
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-01 15:48:17 DataFile Name : 005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	126832	123648	120581	123687	2.53	cps
Antimony	121-1	302740	305267	300404	302804	0.80	cps
Arsenic	75-2	17850	17331	17218	17466	1.93	cps
Barium	135-1	332001	331335	329896	331077	0.33	cps
Barium	137-1	573964	582769	579145	578626	0.76	cps
Beryllium	9-1	100133	99987	97426	99182	1.53	cps
Bismuth	209-1	5918257	5952417	5894188	5921620	0.49	cps
Bismuth	209-2	3806031	3766158	3766657	3779616	0.61	cps
Boron	10-1	10871	10904	11079	10951	1.02	cps
Boron	11-1	50961	50961	50986	50969	0.03	cps
Bromine	81-1	3059	3467	3426	3317	6.78	cps
Bromine	81-2	30	90	30	50	69.28	cps
Cadmium	111-1	80910	79016	78884	79604	1.42	cps
Cadmium	106-1	13532	12673	12339	12848	4.79	cps
Cadmium	108-1	5718	5860	5493	5690	3.25	cps
Calcium	43-1	99289	100825	98401	99505	1.23	cps
Calcium	44-1	1566756	1586240	1579174	1577390	0.63	cps
Chromium	52-2	149825	144879	141424	145376	2.90	cps
Cobalt	59-2	223478	218369	212356	218068	2.55	cps
Copper	63-2	1534054	1518411	1483675	1512047	1.71	cps
Dysprosium	156-1	17	0	42	19	107.85	cps
Dysprosium	156-2	10	20	20	17	34.64	cps
Erbium	164-1	25	67	50	47	44.41	cps
Erbium	164-2	30	23	30	28	13.86	cps
Gadolinium	160-1	92	92	67	83	17.32	cps
Gadolinium	160-2	97	120	120	112	12.00	cps
Holmium	165-1	9122559	9095943	9212278	9143593	0.67	cps
Holmium	165-2	5400566	5357144	5414221	5390644	0.55	cps
Indium	115-1	7109629	7062763	7033970	7068787	0.54	cps
Indium	115-2	2060327	2034304	2054909	2049847	0.67	cps
Iron	54-2	356612	350560	341963	349712	2.11	cps
Iron	56-2	6158255	6031306	5849283	6012948	2.58	cps
Iron	57-2	158719	155187	150387	154764	2.70	cps
Krypton	83-1	733	590	713	679	11.43	cps
Lead	206-1	1143373	1148881	1158178	1150144	0.65	cps
Lead	207-1	1038080	1037267	1051078	1042142	0.74	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 15:48:17	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	4669496	4704320	4722325	4698713	0.57	cps
Lithium	6-1	2563353	2591085	2592686	2582375	0.64	cps
Magnesium	24-2	1365437	1341451	1304530	1337139	2.29	cps
Manganese	55-2	943779	926325	903721	924608	2.17	cps
Molybdenum	94-1	617029	624876	612960	618288	0.98	cps
Molybdenum	95-1	754852	767782	750096	757576	1.21	cps
Molybdenum	96-1	844572	846607	839830	843670	0.41	cps
Molybdenum	97-1	467742	472309	471633	470561	0.52	cps
Molybdenum	98-1	1206770	1226583	1219600	1217651	0.83	cps
Neodymium	150-1	33	33	13	27	43.31	cps
Neodymium	150-2	0	13	0	4	173.21	cps
Nickel	60-2	59289	59162	57087	58513	2.11	cps
Phosphorus	31-2	8728	7644	8069	8147	6.70	cps
Potassium	39-2	777694	768984	756356	767678	1.40	cps
Rhodium	103-1	6986982	7079017	7052944	7039648	0.67	cps
Rhodium	103-2	4146700	4133300	4161327	4147109	0.34	cps
Scandium	45-1	5375999	5324965	5338244	5346403	0.50	cps
Scandium	45-2	408876	404662	400358	404632	1.05	cps
Selenium	82-1	4985	5122	4895	5001	2.29	cps
Selenium	77-2	423	370	393	396	6.76	cps
Selenium	78-2	1446	1396	1291	1378	5.76	cps
Silicon	28-1	847501	873981	885401	868961	2.24	cps
Silver	109-1	359263	358461	362825	360183	0.64	cps
Silver	107-1	376146	377967	380587	378234	0.59	cps
Sodium	23-2	2350135	2322047	2266967	2313050	1.83	cps
Strontium	86-1	95960	96648	95289	95966	0.71	cps
Strontium	88-1	821278	824484	812258	819340	0.77	cps
Sulfur	34-1	765373	764274	763427	764358	0.13	cps
Terbium	159-1	9574996	9597759	9447727	9540161	0.85	cps
Terbium	159-2	5541935	5509411	5591548	5547631	0.75	cps
Thallium	203-1	262907	265886	266264	265019	0.69	cps
Thallium	205-1	633719	642006	639694	638473	0.67	cps
Thorium	232-1	966615	971474	971664	969918	0.30	cps
Tin	118-1	221993	223273	223381	222882	0.35	cps
Titanium	47-1	244705	243349	243977	244010	0.28	cps
Uranium	238-1	851838	855517	866627	857994	0.90	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 15:48:17	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	124267	120588	117425	120760	2.84	cps
Yttrium	89-1	12163395	12234292	12133757	12177148	0.42	cps
Yttrium	89-2	2772331	2758427	2752086	2760948	0.38	cps
Zinc	66-2	258596	251143	246671	252137	2.39	cps
Zirconium	90-1	506260	509944	507021	507742	0.38	cps
Zirconium	91-1	116571	114983	112749	114767	1.67	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 15:51:49	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	305850	302841	296434	301708	1.59	cps
Antimony	121-1	767354	763359	762211	764308	0.35	cps
Arsenic	75-2	43318	43453	42057	42943	1.79	cps
Barium	135-1	827200	826096	829675	827657	0.22	cps
Barium	137-1	1455507	1441385	1459695	1452196	0.66	cps
Beryllium	9-1	243598	243638	245806	244347	0.52	cps
Bismuth	209-1	5937087	5939506	5898947	5925180	0.38	cps
Bismuth	209-2	3564537	3752255	3744260	3687018	2.88	cps
Boron	10-1	27818	26315	27150	27094	2.78	cps
Boron	11-1	126154	126507	125968	126210	0.22	cps
Bromine	81-1	3309	3617	3084	3337	8.03	cps
Bromine	81-2	40	60	70	57	26.96	cps
Cadmium	111-1	195338	194955	195362	195218	0.12	cps
Cadmium	106-1	25098	24764	25106	24989	0.78	cps
Cadmium	108-1	14432	14095	14820	14449	2.51	cps
Calcium	43-1	250386	246556	244853	247265	1.15	cps
Calcium	44-1	3945256	3920855	3884441	3916851	0.78	cps
Chromium	52-2	357296	360686	352465	356816	1.16	cps
Cobalt	59-2	539071	537069	530645	535595	0.82	cps
Copper	63-2	3689808	3690535	3640177	3673507	0.79	cps
Dysprosium	156-1	67	33	17	39	65.47	cps
Dysprosium	156-2	47	10	17	24	79.90	cps
Erbium	164-1	33	58	75	56	37.75	cps
Erbium	164-2	37	23	43	34	29.57	cps
Gadolinium	160-1	125	75	108	103	24.77	cps
Gadolinium	160-2	127	107	103	112	11.24	cps
Holmium	165-1	9289310	9319843	9413556	9340903	0.69	cps
Holmium	165-2	5111283	5327508	5348735	5262509	2.50	cps
Indium	115-1	7111368	7160293	7102860	7124840	0.44	cps
Indium	115-2	1952595	2012891	2035520	2000336	2.14	cps
Iron	54-2	862067	867774	851416	860419	0.96	cps
Iron	56-2	14900714	14813202	14562654	14758857	1.19	cps
Iron	57-2	379339	376807	375750	377299	0.49	cps
Krypton	83-1	710	630	680	673	6.00	cps
Lead	206-1	2889056	2862181	2874769	2875335	0.47	cps
Lead	207-1	2651402	2605822	2628424	2628549	0.87	cps

LB Number : LB112185 Operator : JASWAL
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-01 15:51:49 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	11869352	11793512	11796514	11819793	0.36	cps
Lithium	6-1	2595784	2573598	2605310	2591564	0.63	cps
Magnesium	24-2	3237273	3277021	3228324	3247539	0.80	cps
Manganese	55-2	2277196	2288897	2244807	2270300	1.01	cps
Molybdenum	94-1	1538729	1555502	1545005	1546412	0.55	cps
Molybdenum	95-1	1896480	1885223	1903230	1894978	0.48	cps
Molybdenum	96-1	2107502	2114212	2119313	2113676	0.28	cps
Molybdenum	97-1	1175395	1167011	1173191	1171865	0.37	cps
Molybdenum	98-1	3013704	3042805	3021602	3026037	0.50	cps
Neodymium	150-1	67	47	60	58	17.62	cps
Neodymium	150-2	10	23	10	14	53.28	cps
Nickel	60-2	144049	144089	141447	143195	1.06	cps
Phosphorus	31-2	20064	19922	18762	19583	3.65	cps
Potassium	39-2	1741304	1760576	1739937	1747272	0.66	cps
Rhodium	103-1	7065875	7100545	7046649	7071023	0.39	cps
Rhodium	103-2	3899064	4045154	4096441	4013553	2.55	cps
Scandium	45-1	5308619	5426988	5365021	5366876	1.10	cps
Scandium	45-2	382462	396709	397015	392062	2.12	cps
Selenium	82-1	12209	12444	12375	12343	0.98	cps
Selenium	77-2	1000	1070	973	1014	4.92	cps
Selenium	78-2	3449	3219	3467	3378	4.09	cps
Silicon	28-1	1484846	1532284	1561469	1526200	2.53	cps
Silver	109-1	893657	903676	900680	899338	0.57	cps
Silver	107-1	947076	936988	944850	942971	0.56	cps
Sodium	23-2	5171829	5262395	5252885	5229036	0.95	cps
Strontium	86-1	236719	235941	234815	235825	0.41	cps
Strontium	88-1	2035346	2054818	2052192	2047452	0.52	cps
Sulfur	34-1	789652	792267	796817	792912	0.46	cps
Terbium	159-1	9525031	9713473	9660072	9632859	1.01	cps
Terbium	159-2	5243583	5465916	5555578	5421692	2.96	cps
Thallium	203-1	670935	674061	677662	674219	0.50	cps
Thallium	205-1	1600876	1599051	1622342	1607423	0.81	cps
Thorium	232-1	2442886	2452411	2453264	2449521	0.24	cps
Tin	118-1	564501	562882	562802	563395	0.17	cps
Titanium	47-1	608242	605485	605381	606369	0.27	cps
Uranium	238-1	2166466	2168361	2163540	2166122	0.11	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 15:51:49	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	296606	298975	293050	296210	1.01	cps
Yttrium	89-1	12180170	12407354	12413158	12333561	1.08	cps
Yttrium	89-2	2638293	2718904	2722102	2693100	1.76	cps
Zinc	66-2	626505	624847	612811	621388	1.20	cps
Zirconium	90-1	1273474	1281392	1276592	1277153	0.31	cps
Zirconium	91-1	288249	287791	290962	289001	0.59	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 15:55:21	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	609403	602808	591778	601330	1.48	cps
Antimony	121-1	1533472	1519610	1524386	1525823	0.46	cps
Arsenic	75-2	87753	86643	85421	86605	1.35	cps
Barium	135-1	1703231	1654025	1673936	1677064	1.48	cps
Barium	137-1	2949537	2940484	2916505	2935508	0.58	cps
Beryllium	9-1	478863	479134	478516	478838	0.06	cps
Bismuth	209-1	5955481	5987147	5933091	5958573	0.46	cps
Bismuth	209-2	3803740	3793190	3799977	3798969	0.14	cps
Boron	10-1	52324	52767	53202	52764	0.83	cps
Boron	11-1	247236	248389	248364	247996	0.27	cps
Bromine	81-1	3300	3367	3225	3298	2.15	cps
Bromine	81-2	60	80	40	60	33.33	cps
Cadmium	111-1	386458	386298	382903	385220	0.52	cps
Cadmium	106-1	44972	46084	44579	45211	1.73	cps
Cadmium	108-1	28145	29518	28646	28769	2.42	cps
Calcium	43-1	497559	497543	486756	493953	1.26	cps
Calcium	44-1	7264162	7194743	7185093	7214666	0.60	cps
Chromium	52-2	731272	719431	704128	718277	1.89	cps
Cobalt	59-2	1092710	1070848	1066451	1076670	1.31	cps
Copper	63-2	7542657	7430438	7452784	7475293	0.79	cps
Dysprosium	156-1	42	83	50	58	37.80	cps
Dysprosium	156-2	33	47	33	38	20.39	cps
Erbium	164-1	58	25	67	50	44.10	cps
Erbium	164-2	17	17	13	16	12.40	cps
Gadolinium	160-1	125	175	150	150	16.67	cps
Gadolinium	160-2	120	137	180	146	21.28	cps
Holmium	165-1	9539374	9386343	9274880	9400199	1.41	cps
Holmium	165-2	5507860	5458901	5502980	5489914	0.49	cps
Indium	115-1	7051515	7102418	7126160	7093364	0.54	cps
Indium	115-2	2036387	2041738	2043367	2040498	0.18	cps
Iron	54-2	1761095	1745694	1722485	1743091	1.12	cps
Iron	56-2	30399501	29747249	29392615	29846455	1.71	cps
Iron	57-2	775926	759041	748572	761180	1.81	cps
Krypton	83-1	770	723	657	717	7.95	cps
Lead	206-1	5816239	5827740	5814276	5819419	0.12	cps
Lead	207-1	5263966	5263247	5297697	5274970	0.37	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 15:55:21	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	24641197	24662002	24713413	24672204	0.15	cps
Lithium	6-1	2532812	2527110	2534341	2531421	0.15	cps
Magnesium	24-2	6273682	6141439	6114404	6176508	1.38	cps
Manganese	55-2	4653843	4528217	4510453	4564171	1.71	cps
Molybdenum	94-1	3106224	3102782	3100154	3103053	0.10	cps
Molybdenum	95-1	3807185	3766829	3784853	3786289	0.53	cps
Molybdenum	96-1	4198148	4218015	4224990	4213717	0.33	cps
Molybdenum	97-1	2353442	2356606	2356971	2355673	0.08	cps
Molybdenum	98-1	5978033	6019498	5964096	5987209	0.48	cps
Neodymium	150-1	100	167	60	109	49.49	cps
Neodymium	150-2	17	3	10	10	66.70	cps
Nickel	60-2	290239	285352	282940	286177	1.30	cps
Phosphorus	31-2	39603	38834	38057	38832	1.99	cps
Potassium	39-2	3428147	3404593	3370451	3401064	0.85	cps
Rhodium	103-1	6979521	7048465	7029288	7019091	0.51	cps
Rhodium	103-2	4110464	4105758	4081494	4099239	0.38	cps
Scandium	45-1	5331102	5379536	5324951	5345196	0.56	cps
Scandium	45-2	396702	394602	401981	397762	0.96	cps
Selenium	82-1	24694	24941	24900	24845	0.53	cps
Selenium	77-2	1923	2003	1930	1952	2.27	cps
Selenium	78-2	6563	6407	6370	6447	1.59	cps
Silicon	28-1	2522853	2609508	2645487	2592616	2.43	cps
Silver	109-1	1783892	1792275	1786862	1787676	0.24	cps
Silver	107-1	1862348	1871326	1847712	1860462	0.64	cps
Sodium	23-2	10657529	10366332	10290647	10438169	1.86	cps
Strontium	86-1	469427	476382	471915	472575	0.75	cps
Strontium	88-1	4105601	4075813	4110997	4097470	0.46	cps
Sulfur	34-1	837739	842521	824845	835035	1.09	cps
Terbium	159-1	9793460	9724988	9781390	9766613	0.37	cps
Terbium	159-2	5630045	5616123	5660095	5635421	0.40	cps
Thallium	203-1	1350192	1345025	1344198	1346472	0.24	cps
Thallium	205-1	3225192	3223006	3246414	3231537	0.40	cps
Thorium	232-1	5019892	4960072	5063969	5014644	1.04	cps
Tin	118-1	1127898	1129520	1127344	1128254	0.10	cps
Titanium	47-1	1202318	1197431	1194508	1198086	0.33	cps
Uranium	238-1	4452171	4373040	4413731	4412981	0.90	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 15:55:21	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	606071	598658	587695	597474	1.55	cps
Yttrium	89-1	12334044	12371539	12366371	12357318	0.16	cps
Yttrium	89-2	2764686	2760290	2746230	2757069	0.35	cps
Zinc	66-2	1252231	1243059	1231986	1242425	0.82	cps
Zirconium	90-1	2560924	2538424	2581177	2560175	0.84	cps
Zirconium	91-1	580878	574312	579581	578257	0.60	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 15:58:49	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1171854	1167443	1157975	1165758	0.61	cps
Antimony	121-1	3046304	3042943	3028767	3039338	0.31	cps
Arsenic	75-2	169290	168796	167078	168388	0.69	cps
Barium	135-1	3334240	3321222	3351422	3335628	0.45	cps
Barium	137-1	5894688	5861235	5829698	5861874	0.55	cps
Beryllium	9-1	945013	937774	928105	936964	0.91	cps
Bismuth	209-1	6028461	5944292	5991239	5987997	0.70	cps
Bismuth	209-2	3764070	3779665	3778225	3773987	0.23	cps
Boron	10-1	104718	105986	104945	105216	0.64	cps
Boron	11-1	484479	489288	488843	487537	0.55	cps
Bromine	81-1	3159	3442	3209	3270	4.63	cps
Bromine	81-2	30	60	60	50	34.64	cps
Cadmium	111-1	766552	759906	762979	763145	0.44	cps
Cadmium	106-1	86395	85053	84844	85431	0.99	cps
Cadmium	108-1	57227	57219	57281	57242	0.06	cps
Calcium	43-1	977956	974421	963512	971963	0.77	cps
Calcium	44-1	14040294	14054857	14228156	14107769	0.74	cps
Chromium	52-2	1407333	1405217	1378246	1396932	1.16	cps
Cobalt	59-2	2091619	2084713	2062957	2079763	0.72	cps
Copper	63-2	14375880	14527085	14520621	14474529	0.59	cps
Dysprosium	156-1	67	125	133	108	33.53	cps
Dysprosium	156-2	77	60	80	72	14.84	cps
Erbium	164-1	75	17	42	44	65.84	cps
Erbium	164-2	27	40	3	23	79.55	cps
Gadolinium	160-1	117	150	108	125	17.64	cps
Gadolinium	160-2	177	143	130	150	16.02	cps
Holmium	165-1	9536500	9478412	9457002	9490638	0.43	cps
Holmium	165-2	5415784	5471640	5461353	5449592	0.55	cps
Indium	115-1	7185018	7066277	7061539	7104278	0.98	cps
Indium	115-2	1974586	1983607	1981140	1979778	0.24	cps
Iron	54-2	3378081	3388680	3339315	3368692	0.77	cps
Iron	56-2	58223029	57707296	57336521	57755615	0.77	cps
Iron	57-2	1484149	1483857	1462802	1476936	0.83	cps
Krypton	83-1	703	640	717	687	5.97	cps
Lead	206-1	12762335	12527534	12724334	12671401	0.99	cps
Lead	207-1	11600492	11394555	11748298	11581115	1.53	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 15:58:49	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	52053433	51084183	51842562	51660059	0.99	cps
Lithium	6-1	2510520	2492981	2489058	2497520	0.46	cps
Magnesium	24-2	12024174	11925454	11825913	11925180	0.83	cps
Manganese	55-2	8780799	8672831	8668637	8707422	0.73	cps
Molybdenum	94-1	6076434	5983094	6011652	6023726	0.79	cps
Molybdenum	95-1	7541247	7456341	7366093	7454560	1.17	cps
Molybdenum	96-1	8298191	8153771	8218017	8223326	0.88	cps
Molybdenum	97-1	4697124	4670489	4622271	4663295	0.81	cps
Molybdenum	98-1	11913973	11889874	11799334	11867727	0.51	cps
Neodymium	150-1	187	193	220	200	8.82	cps
Neodymium	150-2	17	37	30	28	36.66	cps
Nickel	60-2	556246	555645	548266	553386	0.80	cps
Phosphorus	31-2	73741	74578	74619	74312	0.67	cps
Potassium	39-2	6010929	5942877	5923866	5959224	0.77	cps
Rhodium	103-1	6930773	6923202	6872797	6908924	0.46	cps
Rhodium	103-2	3974679	4006496	4031057	4004077	0.71	cps
Scandium	45-1	5118798	5237930	5251882	5202870	1.41	cps
Scandium	45-2	383981	380486	384781	383083	0.60	cps
Selenium	82-1	49575	49321	48485	49127	1.16	cps
Selenium	77-2	3767	3831	3881	3826	1.49	cps
Selenium	78-2	12524	12415	12624	12521	0.84	cps
Silicon	28-1	4440114	4471212	4510130	4473818	0.78	cps
Silver	109-1	3509726	3483830	3524785	3506113	0.59	cps
Silver	107-1	3699499	3661349	3652643	3671164	0.68	cps
Sodium	23-2	20339747	20376255	20082460	20266154	0.79	cps
Strontium	86-1	938127	929040	927103	931423	0.63	cps
Strontium	88-1	8056302	8042391	8062826	8053840	0.13	cps
Sulfur	34-1	959560	946934	941586	949360	0.97	cps
Terbium	159-1	9867219	9790121	9775869	9811070	0.50	cps
Terbium	159-2	5569956	5607626	5604750	5594110	0.37	cps
Thallium	203-1	2706185	2708659	2732316	2715720	0.53	cps
Thallium	205-1	6629391	6497775	6548539	6558568	1.01	cps
Thorium	232-1	11368051	11252624	11238016	11286230	0.63	cps
Tin	118-1	2257123	2241625	2219016	2239254	0.86	cps
Titanium	47-1	2321680	2339807	2344476	2335321	0.52	cps
Uranium	238-1	10094789	10076622	10020805	10064072	0.38	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 15:58:49	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1171083	1162810	1152099	1161997	0.82	cps
Yttrium	89-1	12190097	12203612	12378581	12257430	0.86	cps
Yttrium	89-2	2674740	2687946	2698318	2687001	0.44	cps
Zinc	66-2	2407852	2415764	2402633	2408750	0.27	cps
Zirconium	90-1	5105104	5046306	5038063	5063158	0.72	cps
Zirconium	91-1	1148837	1137294	1129251	1138461	0.86	cps

LB Number : LB112185 Operator : JASWAL
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-01 16:02:11 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2273279	2297060	2304991	2291777	0.72	cps
Antimony	121-1	6051035	5988336	6051949	6030440	0.60	cps
Arsenic	75-2	333615	337974	338487	336692	0.80	cps
Barium	135-1	6873387	6728758	6751324	6784490	1.15	cps
Barium	137-1	11968302	11829487	11926240	11908010	0.60	cps
Beryllium	9-1	1824703	1815453	1807142	1815766	0.48	cps
Bismuth	209-1	5831693	5886702	5851508	5856634	0.48	cps
Bismuth	209-2	3713326	3762793	3766554	3747558	0.79	cps
Boron	10-1	205239	205341	205222	205267	0.03	cps
Boron	11-1	952026	950181	960535	954247	0.58	cps
Bromine	81-1	3234	3359	3517	3370	4.21	cps
Bromine	81-2	40	90	100	77	41.93	cps
Cadmium	111-1	1496753	1488662	1475278	1486897	0.73	cps
Cadmium	106-1	162807	161964	160135	161635	0.85	cps
Cadmium	108-1	111436	111857	111302	111532	0.26	cps
Calcium	43-1	1892157	1871579	1882136	1881957	0.55	cps
Calcium	44-1	27230560	27425004	27356104	27337223	0.36	cps
Chromium	52-2	2744666	2761020	2767261	2757649	0.42	cps
Cobalt	59-2	4069409	4108635	4092971	4090338	0.48	cps
Copper	63-2	28095695	28223342	28587694	28302243	0.90	cps
Dysprosium	156-1	342	275	175	264	31.79	cps
Dysprosium	156-2	123	113	143	127	12.06	cps
Erbium	164-1	67	83	108	86	24.35	cps
Erbium	164-2	37	73	53	54	33.71	cps
Gadolinium	160-1	200	192	150	181	14.84	cps
Gadolinium	160-2	193	183	147	174	14.09	cps
Holmium	165-1	9427740	9620007	9446082	9497943	1.12	cps
Holmium	165-2	5433863	5471749	5491535	5465716	0.54	cps
Indium	115-1	6874306	6910298	6805134	6863246	0.78	cps
Indium	115-2	1933870	1958669	1959626	1950722	0.75	cps
Iron	54-2	6522267	6485348	6538037	6515217	0.42	cps
Iron	56-2	116548083	117088444	118363303	117333277	0.79	cps
Iron	57-2	2964872	2975861	2989469	2976734	0.41	cps
Krypton	83-1	663	633	583	627	6.45	cps
Lead	206-1	25147487	25307509	25120373	25191790	0.40	cps
Lead	207-1	23013682	23020509	22846689	22960293	0.43	cps

LB Number : LB112185 Operator : JASWAL
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-01 16:02:11 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	102245006	103064880	102332332	102547406	0.44	cps
Lithium	6-1	2438402	2441804	2447827	2442678	0.20	cps
Magnesium	24-2	23331187	23807321	23852112	23663540	1.22	cps
Manganese	55-2	17144724	17093232	17350971	17196309	0.79	cps
Molybdenum	94-1	11940767	11896187	11946973	11927976	0.23	cps
Molybdenum	95-1	14669644	14569501	14477623	14572256	0.66	cps
Molybdenum	96-1	16358198	16325662	16195789	16293217	0.53	cps
Molybdenum	97-1	9075356	9072657	8936238	9028084	0.88	cps
Molybdenum	98-1	23401212	23270843	23364764	23345606	0.29	cps
Neodymium	150-1	473	440	300	404	22.74	cps
Neodymium	150-2	67	50	70	62	17.22	cps
Nickel	60-2	1089045	1083181	1087094	1086440	0.27	cps
Phosphorus	31-2	144105	145528	147193	145609	1.06	cps
Potassium	39-2	11652830	11881009	11910572	11814804	1.19	cps
Rhodium	103-1	6689659	6642346	6707290	6679765	0.50	cps
Rhodium	103-2	3904794	3920170	3954906	3926623	0.65	cps
Scandium	45-1	5132748	5059751	5059193	5083897	0.83	cps
Scandium	45-2	376235	381751	384805	380931	1.14	cps
Selenium	82-1	95169	95788	95885	95614	0.41	cps
Selenium	77-2	7619	7189	7142	7316	3.59	cps
Selenium	78-2	24354	24840	25213	24802	1.74	cps
Silicon	28-1	7162560	7123721	7150880	7145720	0.28	cps
Silver	109-1	6949564	6900824	6842471	6897620	0.78	cps
Silver	107-1	7211534	7280354	7179957	7223949	0.71	cps
Sodium	23-2	39567026	39965245	40225683	39919318	0.83	cps
Strontium	86-1	1823769	1797274	1831566	1817536	0.99	cps
Strontium	88-1	15826612	15695387	15671597	15731199	0.53	cps
Sulfur	34-1	1190875	1184259	1172459	1182531	0.79	cps
Terbium	159-1	9822035	9684463	9829935	9778811	0.84	cps
Terbium	159-2	5557366	5608331	5666376	5610691	0.97	cps
Thallium	203-1	5381398	5427477	5399265	5402713	0.43	cps
Thallium	205-1	13708295	13876366	13732049	13772237	0.66	cps
Thorium	232-1	22674005	22478901	22586734	22579880	0.43	cps
Tin	118-1	4438532	4380008	4371968	4396836	0.83	cps
Titanium	47-1	4588839	4531879	4506278	4542332	0.93	cps
Uranium	238-1	19988115	19737288	20064529	19929978	0.86	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 16:02:11	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2279473	2311888	2312045	2301136	0.82	cps
Yttrium	89-1	12159939	12100534	12076081	12112185	0.36	cps
Yttrium	89-2	2644509	2678674	2700343	2674509	1.05	cps
Zinc	66-2	4694532	4756566	4748972	4733357	0.71	cps
Zirconium	90-1	9745847	9825079	9914330	9828419	0.86	cps
Zirconium	91-1	2233714	2247180	2250680	2243858	0.40	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 16:05:31	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10811748	10870008	10871001	10850919	0.31	cps
Antimony	121-1	5093	5151	4684	4976	5.11	cps
Arsenic	75-2	185	143	156	161	13.55	cps
Barium	135-1	12531	12081	12030	12214	2.26	cps
Barium	137-1	21275	21434	21141	21283	0.69	cps
Beryllium	9-1	461	328	317	369	21.81	cps
Bismuth	209-1	5528157	5446494	5454439	5476363	0.82	cps
Bismuth	209-2	3529991	3545847	3519335	3531724	0.38	cps
Boron	10-1	4051	3442	3484	3659	9.29	cps
Boron	11-1	17168	16643	16701	16838	1.71	cps
Bromine	81-1	2992	3742	3492	3409	11.21	cps
Bromine	81-2	50	90	20	53	65.85	cps
Cadmium	111-1	4283	4175	3825	4094	5.84	cps
Cadmium	106-1	5218	4976	4568	4920	6.68	cps
Cadmium	108-1	171	113	121	135	23.42	cps
Calcium	43-1	8635353	8693742	8774799	8701298	0.80	cps
Calcium	44-1	136945723	139626064	139735247	138769011	1.14	cps
Chromium	52-2	53015	53239	52312	52855	0.91	cps
Cobalt	59-2	8549	8296	8332	8392	1.63	cps
Copper	63-2	24904	25546	24881	25110	1.50	cps
Dysprosium	156-1	433	458	408	433	5.77	cps
Dysprosium	156-2	253	260	180	231	19.21	cps
Erbium	164-1	92	83	67	81	15.80	cps
Erbium	164-2	73	53	33	53	37.50	cps
Gadolinium	160-1	617	508	675	600	14.10	cps
Gadolinium	160-2	433	403	367	401	8.32	cps
Holmium	165-1	9301653	9137209	9045891	9161585	1.41	cps
Holmium	165-2	5382190	5390575	5394995	5389253	0.12	cps
Indium	115-1	6711946	6580800	6531845	6608197	1.41	cps
Indium	115-2	1928951	1934712	1933381	1932348	0.16	cps
Iron	54-2	28570104	28756544	28629221	28651956	0.33	cps
Iron	56-2	526331290	524523512	518780723	523211841	0.75	cps
Iron	57-2	13049436	13004983	12916587	12990335	0.52	cps
Krypton	83-1	673	657	597	642	6.28	cps
Lead	206-1	30446	30819	31671	30979	2.03	cps
Lead	207-1	27790	29594	28358	28581	3.23	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 16:05:31	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	124991	129212	126528	126910	1.68	cps
Lithium	6-1	2421267	2379103	2386923	2395764	0.94	cps
Magnesium	24-2	116040344	115731798	115240023	115670722	0.35	cps
Manganese	55-2	21783	22731	22247	22254	2.13	cps
Molybdenum	94-1	8594	7519	8011	8041	6.70	cps
Molybdenum	95-1	11321	11597	11588	11502	1.36	cps
Molybdenum	96-1	12948	13415	13081	13148	1.83	cps
Molybdenum	97-1	7219	6868	7110	7066	2.54	cps
Molybdenum	98-1	17695	18471	18721	18296	2.92	cps
Neodymium	150-1	20	47	20	29	53.30	cps
Neodymium	150-2	7	17	13	12	41.65	cps
Nickel	60-2	14694	14804	14033	14511	2.87	cps
Phosphorus	31-2	275	367	275	306	17.32	cps
Potassium	39-2	56043849	56501035	56476205	56340363	0.46	cps
Rhodium	103-1	6362167	6297345	6298316	6319276	0.59	cps
Rhodium	103-2	3725749	3758211	3720648	3734869	0.55	cps
Scandium	45-1	5152170	5041696	5003497	5065788	1.52	cps
Scandium	45-2	378840	383160	383114	381705	0.65	cps
Selenium	82-1	51	70	90	71	27.21	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	96	106	81	94	12.86	cps
Silicon	28-1	849586	845730	841646	845654	0.47	cps
Silver	109-1	3576	4151	4109	3945	8.13	cps
Silver	107-1	4017	4059	4109	4062	1.13	cps
Sodium	23-2	194866863	192701296	189935742	192501300	1.28	cps
Strontium	86-1	10696	10896	10938	10843	1.19	cps
Strontium	88-1	84674	85789	86024	85496	0.84	cps
Sulfur	34-1	609758	607810	607749	608439	0.19	cps
Terbium	159-1	9454069	9315044	9396931	9388681	0.74	cps
Terbium	159-2	5490532	5561880	5503943	5518785	0.69	cps
Thallium	203-1	2225	1809	1825	1953	12.08	cps
Thallium	205-1	4918	4584	4076	4526	9.37	cps
Thorium	232-1	4417	4356	3990	4254	5.44	cps
Tin	118-1	3484	3434	3484	3467	0.83	cps
Titanium	47-1	1067	1125	1000	1064	5.88	cps
Uranium	238-1	1849	1908	1570	1776	10.15	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 16:05:31	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	750	807	833	797	5.34	cps
Yttrium	89-1	11817222	11482933	11731327	11677161	1.49	cps
Yttrium	89-2	2668208	2686784	2652022	2669005	0.65	cps
Zinc	66-2	18235	18719	17928	18294	2.18	cps
Zirconium	90-1	3567	3634	3634	3612	1.07	cps
Zirconium	91-1	675	842	683	733	12.81	cps

LB Number : LB112185 Operator : JASWAL
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-01 16:31:33 DataFile Name : 011ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58665	60899	59635	59733	1.88	cps
Antimony	121-1	1200506	1198413	1163927	1187615	1.73	cps
Arsenic	75-2	69885	69805	67905	69198	1.62	cps
Barium	135-1	135166	133713	129843	132907	2.07	cps
Barium	137-1	239735	235838	229172	234915	2.27	cps
Beryllium	9-1	185343	187158	177610	183371	2.77	cps
Bismuth	209-1	5925820	5997169	5892856	5938615	0.90	cps
Bismuth	209-2	3840792	3837000	3753425	3810406	1.30	cps
Boron	10-1	112994	115050	108671	112238	2.90	cps
Boron	11-1	531710	535400	513343	526818	2.24	cps
Bromine	81-1	3601	3767	3576	3648	2.86	cps
Bromine	81-2	60	90	90	80	21.65	cps
Cadmium	111-1	161688	164497	156836	161007	2.41	cps
Cadmium	106-1	31368	32429	30108	31302	3.71	cps
Cadmium	108-1	17119	17106	16602	16942	1.74	cps
Calcium	43-1	43490	42587	41684	42587	2.12	cps
Calcium	44-1	607357	597573	580851	595261	2.25	cps
Chromium	52-2	289914	284458	277746	284039	2.15	cps
Cobalt	59-2	436792	434166	421061	430673	1.96	cps
Copper	63-2	312603	307626	301338	307189	1.84	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	10	13	7	10	33.30	cps
Erbium	164-1	33	25	58	39	44.62	cps
Erbium	164-2	23	23	23	23	0.00	cps
Gadolinium	160-1	117	92	100	103	12.39	cps
Gadolinium	160-2	133	153	120	136	12.38	cps
Holmium	165-1	9344855	9565239	9279369	9396488	1.59	cps
Holmium	165-2	5422449	5442538	5365034	5410007	0.74	cps
Indium	115-1	7178613	7112961	7010898	7100824	1.19	cps
Indium	115-2	2029466	2005286	2010029	2014927	0.64	cps
Iron	54-2	283371	279243	272336	278317	2.00	cps
Iron	56-2	4859428	4820011	4626909	4768783	2.61	cps
Iron	57-2	121603	118797	114272	118224	3.13	cps
Krypton	83-1	617	723	690	677	8.06	cps
Lead	206-1	1066469	1088829	1041459	1065586	2.22	cps
Lead	207-1	924376	928871	884584	912610	2.67	cps

LB Number : LB112185 Operator : JASWAL
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-01 16:31:33 DataFile Name : 011ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	4272870	4309014	4129214	4237033	2.24	cps
Lithium	6-1	2507682	2510439	2525040	2514387	0.37	cps
Magnesium	24-2	297745	294014	289693	293817	1.37	cps
Manganese	55-2	187281	182694	177074	182350	2.80	cps
Molybdenum	94-1	6576175	6559479	6502301	6545985	0.59	cps
Molybdenum	95-1	8242742	8398136	8213881	8284920	1.20	cps
Molybdenum	96-1	9226564	9226403	9070168	9174378	0.98	cps
Molybdenum	97-1	5233923	5241386	5060822	5178710	1.97	cps
Molybdenum	98-1	13272817	13284422	12779126	13112122	2.20	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	116555	117176	112769	115500	2.07	cps
Phosphorus	31-2	308	258	300	289	9.27	cps
Potassium	39-2	592419	592814	586967	590733	0.55	cps
Rhodium	103-1	7031369	7098441	6920882	7016897	1.28	cps
Rhodium	103-2	4158520	4095563	4057858	4103981	1.24	cps
Scandium	45-1	5351458	5289107	5238465	5293010	1.07	cps
Scandium	45-2	397965	394366	391527	394620	0.82	cps
Selenium	82-1	19391	19973	19391	19585	1.72	cps
Selenium	77-2	1647	1493	1463	1535	6.41	cps
Selenium	78-2	5405	5218	5127	5250	2.70	cps
Silicon	28-1	3354347	3450450	3482227	3429008	1.94	cps
Silver	109-1	348361	349940	334151	344150	2.53	cps
Silver	107-1	365232	368696	351852	361926	2.46	cps
Sodium	23-2	913257	907890	895745	905631	0.99	cps
Strontium	86-1	906795	906348	883977	899040	1.45	cps
Strontium	88-1	7974172	7956120	7751878	7894056	1.56	cps
Sulfur	34-1	626532	619834	605772	617379	1.72	cps
Terbium	159-1	9773111	9725641	9517896	9672216	1.40	cps
Terbium	159-2	5592622	5584266	5516745	5564544	0.75	cps
Thallium	203-1	1245980	1265579	1203177	1238245	2.58	cps
Thallium	205-1	2978711	3019934	2909642	2969429	1.88	cps
Thorium	232-1	137535	137054	132249	135613	2.16	cps
Tin	118-1	2208108	2199089	2140853	2182683	1.67	cps
Titanium	47-1	2326754	2329191	2243712	2299886	2.12	cps
Uranium	238-1	10815038	10868488	10422761	10702095	2.27	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 16:31:33	DataFile Name :	011ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	236078	232719	225439	231412	2.35	cps
Yttrium	89-1	12276547	12340744	12366322	12327871	0.38	cps
Yttrium	89-2	2759955	2717152	2709965	2729024	0.99	cps
Zinc	66-2	98478	96828	95442	96916	1.57	cps
Zirconium	90-1	4939633	4955818	4829161	4908204	1.40	cps
Zirconium	91-1	1119946	1108321	1097501	1108589	1.01	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 16:53:07	DataFile Name :	012LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2392	2584	2542	2506	4.02	cps
Antimony	121-1	11630	10896	11230	11252	3.27	cps
Arsenic	75-2	380	300	324	335	12.21	cps
Barium	135-1	12381	11980	12456	12272	2.08	cps
Barium	137-1	21409	21726	21475	21536	0.78	cps
Beryllium	9-1	1806	1917	1706	1809	5.84	cps
Bismuth	209-1	5912630	5950908	5947246	5936928	0.36	cps
Bismuth	209-2	3817256	3757767	3787644	3787556	0.79	cps
Boron	10-1	5184	4801	5084	5023	3.96	cps
Boron	11-1	23853	23802	23252	23636	1.41	cps
Bromine	81-1	3559	3609	3667	3612	1.50	cps
Bromine	81-2	70	80	50	67	22.91	cps
Cadmium	111-1	4661	5061	4980	4901	4.32	cps
Cadmium	106-1	4484	4843	4793	4706	4.12	cps
Cadmium	108-1	142	71	113	108	32.86	cps
Calcium	43-1	9420	9728	8811	9320	5.01	cps
Calcium	44-1	166638	163258	166409	165435	1.14	cps
Chromium	52-2	6668	6265	6135	6356	4.38	cps
Cobalt	59-2	4084	3944	4041	4023	1.78	cps
Copper	63-2	8466	8206	7909	8193	3.40	cps
Dysprosium	156-1	33	25	17	25	33.32	cps
Dysprosium	156-2	13	7	0	7	99.98	cps
Erbium	164-1	75	50	67	64	19.92	cps
Erbium	164-2	10	23	23	19	40.75	cps
Gadolinium	160-1	92	125	75	97	26.19	cps
Gadolinium	160-2	83	117	130	110	21.85	cps
Holmium	165-1	9353533	9297209	9261419	9304054	0.50	cps
Holmium	165-2	5403272	5385915	5403354	5397513	0.19	cps
Indium	115-1	7164346	7166338	7154475	7161720	0.09	cps
Indium	115-2	2064597	2051053	2054914	2056854	0.34	cps
Iron	54-2	8511	8030	7560	8034	5.92	cps
Iron	56-2	123866	124852	119979	122899	2.10	cps
Iron	57-2	3206	3212	3239	3219	0.56	cps
Krypton	83-1	603	603	693	633	8.21	cps
Lead	206-1	5818	6057	5651	5842	3.49	cps
Lead	207-1	5173	5257	5134	5188	1.20	cps

LB Number : LB112185 Operator : JASWAL
 Lab Sample ID : LLICV01 Instrumnet Name : P7
 Client Sample ID : LLICV01 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-01 16:53:07 DataFile Name : 012LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	23408	23525	23687	23540	0.59	cps
Lithium	6-1	2503681	2507044	2508581	2506435	0.10	cps
Magnesium	24-2	121000	121446	117498	119981	1.80	cps
Manganese	55-2	1920	1720	1753	1798	5.96	cps
Molybdenum	94-1	12573	11755	11530	11953	4.59	cps
Molybdenum	95-1	14399	13815	14925	14380	3.86	cps
Molybdenum	96-1	16159	15684	16101	15982	1.62	cps
Molybdenum	97-1	8895	8661	8186	8581	4.21	cps
Molybdenum	98-1	22368	23294	22643	22769	2.09	cps
Neodymium	150-1	0	13	13	9	86.60	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	1197	1257	1193	1216	2.93	cps
Phosphorus	31-2	292	325	242	286	14.66	cps
Potassium	39-2	210861	210994	208039	209965	0.80	cps
Rhodium	103-1	7146450	7204248	7066882	7139193	0.97	cps
Rhodium	103-2	4129028	4174430	4194956	4166138	0.81	cps
Scandium	45-1	5353182	5386857	5368714	5369584	0.31	cps
Scandium	45-2	408047	401282	404336	404555	0.84	cps
Selenium	82-1	579	556	407	514	18.23	cps
Selenium	77-2	40	27	37	34	20.14	cps
Selenium	78-2	206	174	207	196	9.57	cps
Silicon	28-1	505140	502540	504771	504150	0.28	cps
Silver	109-1	6518	6360	6443	6441	1.23	cps
Silver	107-1	6527	6919	7177	6874	4.76	cps
Sodium	23-2	239304	239406	236959	238557	0.58	cps
Strontium	86-1	2675	2667	2992	2778	6.67	cps
Strontium	88-1	15592	14591	14933	15039	3.38	cps
Sulfur	34-1	659032	663216	665511	662586	0.50	cps
Terbium	159-1	9583630	9593188	9516390	9564403	0.44	cps
Terbium	159-2	5529573	5567401	5610432	5569135	0.73	cps
Thallium	203-1	5226	4618	4701	4848	6.81	cps
Thallium	205-1	12473	12156	11831	12153	2.64	cps
Thorium	232-1	394	411	344	383	9.05	cps
Tin	118-1	20490	20315	20666	20490	0.86	cps
Titanium	47-1	4559	4668	4834	4687	2.96	cps
Uranium	238-1	15812	16033	16603	16149	2.53	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 16:53:07	DataFile Name :	012LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	11304	11448	11108	11287	1.51	cps
Yttrium	89-1	12263065	12304913	12293321	12287100	0.18	cps
Yttrium	89-2	2786537	2783787	2810947	2793757	0.54	cps
Zinc	66-2	1173	1163	1257	1198	4.28	cps
Zirconium	90-1	9979	9829	9870	9893	0.78	cps
Zirconium	91-1	2175	2000	2159	2111	4.57	cps

LB Number : LB112185 Operator : JASWAL
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-01 16:57:06 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	92	58	86	29.57	cps
Antimony	121-1	100	125	100	108	13.32	cps
Arsenic	75-2	6	2	13	7	83.30	cps
Barium	135-1	17	17	8	14	34.67	cps
Barium	137-1	17	17	8	14	34.67	cps
Beryllium	9-1	72	78	106	85	20.97	cps
Bismuth	209-1	5755915	5681451	5712661	5716675	0.65	cps
Bismuth	209-2	3781007	3803886	3821058	3801984	0.53	cps
Boron	10-1	417	367	417	400	7.22	cps
Boron	11-1	1975	1850	1967	1931	3.62	cps
Bromine	81-1	3325	3726	3350	3467	6.46	cps
Bromine	81-2	20	80	160	87	81.05	cps
Cadmium	111-1	2977	2996	3372	3115	7.15	cps
Cadmium	106-1	4259	4242	4834	4445	7.58	cps
Cadmium	108-1	13	4	29	15	83.31	cps
Calcium	43-1	233	225	192	217	10.18	cps
Calcium	44-1	19952	20258	21632	20614	4.34	cps
Chromium	52-2	917	943	1050	970	7.27	cps
Cobalt	59-2	90	100	83	91	9.21	cps
Copper	63-2	2044	2104	2244	2130	4.82	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	3	13	3	7	86.65	cps
Erbium	164-1	58	8	42	36	70.51	cps
Erbium	164-2	33	23	10	22	52.68	cps
Gadolinium	160-1	92	150	125	122	23.95	cps
Gadolinium	160-2	87	77	100	88	13.33	cps
Holmium	165-1	9001758	8649553	9052582	8901298	2.47	cps
Holmium	165-2	5408598	5426751	5415352	5416900	0.17	cps
Indium	115-1	6984744	6480655	7007994	6824464	4.37	cps
Indium	115-2	2061443	2071597	2078448	2070496	0.41	cps
Iron	54-2	1241	1301	1301	1281	2.71	cps
Iron	56-2	4751	4845	5090	4895	3.57	cps
Iron	57-2	389	344	350	361	6.71	cps
Krypton	83-1	653	680	720	684	4.90	cps
Lead	206-1	539	656	667	620	11.41	cps
Lead	207-1	533	567	617	572	7.33	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 16:57:06	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	2478	2606	2850	2645	7.15	cps
Lithium	6-1	2467404	2496743	2409570	2457906	1.80	cps
Magnesium	24-2	250	317	192	253	24.74	cps
Manganese	55-2	70	77	80	76	6.74	cps
Molybdenum	94-1	275	225	242	247	10.30	cps
Molybdenum	95-1	83	67	33	61	41.67	cps
Molybdenum	96-1	92	42	83	72	37.09	cps
Molybdenum	97-1	8	25	25	19	49.50	cps
Molybdenum	98-1	67	75	67	69	6.93	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	43	33	37	38	13.48	cps
Phosphorus	31-2	308	375	292	325	13.57	cps
Potassium	39-2	88772	89267	87825	88621	0.83	cps
Rhodium	103-1	6948666	6465846	6917034	6777182	3.99	cps
Rhodium	103-2	4162127	4197430	4216982	4192180	0.66	cps
Scandium	45-1	5220051	5390215	5195855	5268707	2.01	cps
Scandium	45-2	405414	406076	404809	405433	0.16	cps
Selenium	82-1	90	-18	-4	23	260.52	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	93	106	81	93	12.93	cps
Silicon	28-1	459057	465118	463586	462587	0.68	cps
Silver	109-1	17	83	33	44	78.07	cps
Silver	107-1	67	117	33	72	58.08	cps
Sodium	23-2	29262	29680	29354	29432	0.75	cps
Strontium	86-1	1042	1225	1075	1114	8.77	cps
Strontium	88-1	125	117	92	111	15.61	cps
Sulfur	34-1	672139	679978	725012	692376	4.12	cps
Terbium	159-1	9327062	8880036	9344995	9184031	2.87	cps
Terbium	159-2	5553030	5619934	5605815	5592926	0.63	cps
Thallium	203-1	117	100	75	97	21.57	cps
Thallium	205-1	200	208	158	189	14.18	cps
Thorium	232-1	278	417	239	311	30.04	cps
Tin	118-1	400	442	350	397	11.56	cps
Titanium	47-1	217	108	133	153	37.13	cps
Uranium	238-1	5	14	-31	-4	-595.21	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 16:57:06	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	3	17	7	9	78.08	cps
Yttrium	89-1	12143539	11678117	12146115	11989257	2.25	cps
Yttrium	89-2	2776355	2799995	2811612	2795987	0.64	cps
Zinc	66-2	207	240	277	241	14.52	cps
Zirconium	90-1	617	525	642	594	10.33	cps
Zirconium	91-1	42	133	83	86	53.30	cps

LB Number : LB112185 Operator : JASWAL
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-01 17:00:40 DataFile Name : 014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11122376	11189448	10831544	11047789	1.72	cps
Antimony	121-1	7127	6885	7419	7144	3.74	cps
Arsenic	75-2	135	128	150	138	8.22	cps
Barium	135-1	2042	1717	2134	1964	11.15	cps
Barium	137-1	3317	3426	3476	3406	2.38	cps
Beryllium	9-1	606	506	589	567	9.46	cps
Bismuth	209-1	5902526	5931064	5941067	5924886	0.34	cps
Bismuth	209-2	3749468	3782435	3752652	3761518	0.48	cps
Boron	10-1	475	533	475	494	6.81	cps
Boron	11-1	2275	2284	2250	2270	0.76	cps
Bromine	81-1	4376	4076	4334	4262	3.81	cps
Bromine	81-2	130	140	200	157	24.17	cps
Cadmium	111-1	4142	3770	4335	4082	7.03	cps
Cadmium	106-1	4584	4051	4651	4429	7.43	cps
Cadmium	108-1	1638	1671	1542	1617	4.15	cps
Calcium	43-1	1903063	1909221	1913719	1908667	0.28	cps
Calcium	44-1	28794916	28446941	28640952	28627603	0.61	cps
Chromium	52-2	58509	57612	56668	57596	1.60	cps
Cobalt	59-2	5118	5008	5334	5153	3.23	cps
Copper	63-2	32880	33418	32035	32778	2.13	cps
Dysprosium	156-1	42	58	50	50	16.66	cps
Dysprosium	156-2	27	30	7	21	59.77	cps
Erbium	164-1	42	33	67	47	36.74	cps
Erbium	164-2	47	37	33	39	17.85	cps
Gadolinium	160-1	158	100	58	106	47.59	cps
Gadolinium	160-2	103	123	120	116	9.28	cps
Holmium	165-1	9642653	9680628	9618961	9647414	0.32	cps
Holmium	165-2	5515996	5564504	5536737	5539079	0.44	cps
Indium	115-1	7073827	7082782	7072790	7076466	0.08	cps
Indium	115-2	2021841	2042532	2028470	2030948	0.52	cps
Iron	54-2	12933517	12914557	12672688	12840254	1.13	cps
Iron	56-2	236074578	234485350	231666977	234075635	0.95	cps
Iron	57-2	5882276	5910596	5734529	5842467	1.62	cps
Krypton	83-1	540	707	723	657	15.44	cps
Lead	206-1	22664	22291	22269	22408	0.99	cps
Lead	207-1	18530	17884	17701	18038	2.41	cps

LB Number : LB112185 Operator : JASWAL
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-01 17:00:40 DataFile Name : 014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	85194	84761	84399	84785	0.47	cps
Lithium	6-1	2466180	2409016	2416415	2430537	1.28	cps
Magnesium	24-2	23654056	23543122	23384270	23527149	0.58	cps
Manganese	55-2	13837	13720	14073	13877	1.30	cps
Molybdenum	94-1	3342651	3335931	3327247	3335276	0.23	cps
Molybdenum	95-1	5802466	5745490	5745985	5764647	0.57	cps
Molybdenum	96-1	6227193	6166905	6074839	6156312	1.25	cps
Molybdenum	97-1	3645664	3601897	3600086	3615882	0.71	cps
Molybdenum	98-1	9195994	9116121	9171862	9161325	0.45	cps
Neodymium	150-1	47	27	13	29	58.08	cps
Neodymium	150-2	10	10	20	13	43.30	cps
Nickel	60-2	5978	6175	6165	6106	1.81	cps
Phosphorus	31-2	754908	751243	739147	748433	1.10	cps
Potassium	39-2	24219693	24484666	24076852	24260404	0.85	cps
Rhodium	103-1	6983877	6886384	6901564	6923942	0.76	cps
Rhodium	103-2	4083435	4111572	4066224	4087077	0.56	cps
Scandium	45-1	5389036	5374567	5406636	5390080	0.30	cps
Scandium	45-2	407827	407780	406088	407231	0.24	cps
Selenium	82-1	206	45	-92	53	282.66	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	65	104	126	98	31.51	cps
Silicon	28-1	578397	578431	578189	578339	0.02	cps
Silver	109-1	1492	1625	1708	1608	6.80	cps
Silver	107-1	1508	1617	1558	1561	3.47	cps
Sodium	23-2	42070871	41799070	41737754	41869231	0.42	cps
Strontium	86-1	63448	63348	65240	64012	1.66	cps
Strontium	88-1	545613	544609	547271	545831	0.25	cps
Sulfur	34-1	3600597	3571667	3545463	3572576	0.77	cps
Terbium	159-1	9984088	10018112	9924189	9975463	0.48	cps
Terbium	159-2	5675664	5741700	5676390	5697918	0.67	cps
Thallium	203-1	875	783	758	806	7.63	cps
Thallium	205-1	1892	2034	1725	1884	8.20	cps
Thorium	232-1	333	261	467	354	29.48	cps
Tin	118-1	1558	1342	1467	1456	7.47	cps
Titanium	47-1	1879445	1894927	1894475	1889616	0.47	cps
Uranium	238-1	-547	-592	-614	-584	-5.84	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 17:00:40	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	433	423	360	406	9.81	cps
Yttrium	89-1	12299549	12450310	12451190	12400350	0.70	cps
Yttrium	89-2	2794117	2822844	2812046	2809669	0.52	cps
Zinc	66-2	6055	5961	6185	6067	1.85	cps
Zirconium	90-1	917	933	1108	986	10.77	cps
Zirconium	91-1	258	183	192	211	19.47	cps

LB Number : LB112185 Operator : JASWAL
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-01 17:04:09 DataFile Name : 015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11165401	11090563	10897824	11051263	1.25	cps
Antimony	121-1	129375	126836	126843	127685	1.15	cps
Arsenic	75-2	6981	7304	6792	7026	3.68	cps
Barium	135-1	29181	28671	28238	28697	1.65	cps
Barium	137-1	50609	50425	51805	50947	1.47	cps
Beryllium	9-1	35931	35425	36126	35827	1.01	cps
Bismuth	209-1	5956751	5574453	5888641	5806615	3.51	cps
Bismuth	209-2	3785878	3751414	3741197	3759497	0.62	cps
Boron	10-1	11513	11321	11480	11438	0.90	cps
Boron	11-1	53645	55536	54942	54707	1.77	cps
Bromine	81-1	4317	4042	4417	4259	4.56	cps
Bromine	81-2	180	210	220	204	10.24	cps
Cadmium	111-1	33254	34885	32976	33705	3.06	cps
Cadmium	106-1	8311	8611	8386	8436	1.85	cps
Cadmium	108-1	4238	3938	4055	4077	3.71	cps
Calcium	43-1	1925877	1941693	1909351	1925640	0.84	cps
Calcium	44-1	28604797	28780643	28475463	28620301	0.54	cps
Chromium	52-2	115303	114520	114130	114651	0.52	cps
Cobalt	59-2	91261	92341	90134	91246	1.21	cps
Copper	63-2	93915	92906	93177	93333	0.56	cps
Dysprosium	156-1	42	17	42	33	43.30	cps
Dysprosium	156-2	30	23	27	27	12.51	cps
Erbium	164-1	67	83	8	53	74.62	cps
Erbium	164-2	33	43	60	46	29.58	cps
Gadolinium	160-1	142	117	125	128	9.96	cps
Gadolinium	160-2	140	113	157	137	16.00	cps
Holmium	165-1	9765460	9093601	9561045	9473369	3.64	cps
Holmium	165-2	5554221	5585470	5501495	5547062	0.77	cps
Indium	115-1	7234261	6768500	7080370	7027711	3.38	cps
Indium	115-2	2024985	2033349	2017567	2025300	0.39	cps
Iron	54-2	13031845	12972668	12749468	12917994	1.15	cps
Iron	56-2	237547233	236116866	232410877	235358326	1.13	cps
Iron	57-2	5853653	5826168	5755423	5811748	0.87	cps
Krypton	83-1	770	673	600	681	12.52	cps
Lead	206-1	111143	113512	111019	111891	1.26	cps
Lead	207-1	92233	94476	93279	93330	1.20	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 17:04:09	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	433052	434048	431737	432946	0.27	cps
Lithium	6-1	2401080	2267387	2333113	2333860	2.86	cps
Magnesium	24-2	23811896	23793864	23574752	23726837	0.56	cps
Manganese	55-2	48894	48546	47757	48399	1.20	cps
Molybdenum	94-1	3661884	3673581	3597324	3644263	1.13	cps
Molybdenum	95-1	5975181	6025261	5828839	5943094	1.72	cps
Molybdenum	96-1	6443631	6470263	6359293	6424396	0.90	cps
Molybdenum	97-1	3720565	3762103	3698143	3726937	0.87	cps
Molybdenum	98-1	9510808	9577636	9515809	9534751	0.39	cps
Neodymium	150-1	20	40	47	36	39.03	cps
Neodymium	150-2	17	17	7	13	43.29	cps
Nickel	60-2	29072	28731	28458	28754	1.07	cps
Phosphorus	31-2	747897	742830	739868	743532	0.55	cps
Potassium	39-2	24219680	24099728	24168477	24162628	0.25	cps
Rhodium	103-1	7053931	6543643	6772720	6790098	3.76	cps
Rhodium	103-2	4096866	4129809	4103015	4109897	0.43	cps
Scandium	45-1	5362879	5031110	5188132	5194040	3.20	cps
Scandium	45-2	412016	412286	409038	411113	0.44	cps
Selenium	82-1	1896	1943	2018	1952	3.15	cps
Selenium	77-2	137	147	133	139	4.99	cps
Selenium	78-2	531	589	578	566	5.38	cps
Silicon	28-1	826770	826371	822011	825051	0.32	cps
Silver	109-1	132178	137024	128651	132618	3.17	cps
Silver	107-1	140245	139287	138747	139426	0.54	cps
Sodium	23-2	42360794	41966914	41329938	41885882	1.24	cps
Strontium	86-1	165054	169178	160073	164768	2.77	cps
Strontium	88-1	1415450	1440992	1414334	1423592	1.06	cps
Sulfur	34-1	3543916	3562983	3550269	3552390	0.27	cps
Terbium	159-1	10046821	9413886	9893810	9784839	3.38	cps
Terbium	159-2	5724233	5753272	5649195	5708900	0.94	cps
Thallium	203-1	109933	108001	108900	108945	0.89	cps
Thallium	205-1	258238	260923	257628	258930	0.68	cps
Thorium	232-1	15309	15059	14653	15007	2.21	cps
Tin	118-1	241391	245749	239397	242179	1.34	cps
Titanium	47-1	1935443	1944501	1906686	1928877	1.02	cps
Uranium	238-1	979691	979544	984558	981264	0.29	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 17:04:09	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	48931	47760	46834	47842	2.20	cps
Yttrium	89-1	12608179	11866226	12276563	12250322	3.03	cps
Yttrium	89-2	2825890	2821369	2795702	2814320	0.58	cps
Zinc	66-2	15622	15992	15959	15858	1.29	cps
Zirconium	90-1	549796	553210	541109	548038	1.14	cps
Zirconium	91-1	124108	122908	121554	122856	1.04	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	CCV26	Instrumnet Name :	P7
Client Sample ID :	CCV26	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 17:17:34	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5549408	5636863	5561336	5582536	0.85	cps
Antimony	121-1	3026711	3012851	3004180	3014581	0.38	cps
Arsenic	75-2	172391	173126	173311	172943	0.28	cps
Barium	135-1	3348137	3323637	3317644	3329806	0.49	cps
Barium	137-1	5852834	5807950	5825613	5828799	0.39	cps
Beryllium	9-1	891653	890055	890466	890725	0.09	cps
Bismuth	209-1	5748596	5641666	5692012	5694091	0.94	cps
Bismuth	209-2	3622677	3605334	3627641	3618551	0.32	cps
Boron	10-1	102176	103779	101597	102517	1.10	cps
Boron	11-1	481793	481577	482843	482071	0.14	cps
Bromine	81-1	3492	3592	3250	3445	5.10	cps
Bromine	81-2	190	60	70	107	67.82	cps
Cadmium	111-1	744759	742890	738929	742193	0.40	cps
Cadmium	106-1	83796	82137	81936	82623	1.24	cps
Cadmium	108-1	55273	55399	55349	55340	0.11	cps
Calcium	43-1	4778238	4736957	4712451	4742549	0.70	cps
Calcium	44-1	71049007	70310869	70300532	70553469	0.61	cps
Chromium	52-2	1451938	1452616	1456093	1453549	0.15	cps
Cobalt	59-2	2117657	2113600	2112906	2114721	0.12	cps
Copper	63-2	15351537	15599167	15301425	15417377	1.03	cps
Dysprosium	156-1	283	242	283	269	8.93	cps
Dysprosium	156-2	203	117	137	152	29.81	cps
Erbium	164-1	83	83	92	86	5.58	cps
Erbium	164-2	50	60	37	49	23.94	cps
Gadolinium	160-1	392	258	383	344	21.69	cps
Gadolinium	160-2	230	300	230	253	15.96	cps
Holmium	165-1	9610771	9506032	9530451	9549085	0.57	cps
Holmium	165-2	5428786	5488105	5429508	5448800	0.62	cps
Indium	115-1	7023296	7050591	6924689	6999525	0.95	cps
Indium	115-2	1968684	1979132	1971940	1973252	0.27	cps
Iron	54-2	15750054	15744008	15914229	15802763	0.61	cps
Iron	56-2	289988284	288939329	289910884	289612832	0.20	cps
Iron	57-2	7127649	7131059	7108750	7122486	0.17	cps
Krypton	83-1	653	653	660	656	0.59	cps
Lead	206-1	12449992	12486495	12428554	12455014	0.24	cps
Lead	207-1	11358494	11317726	11426588	11367603	0.48	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	CCV26	Instrumnet Name :	P7
Client Sample ID :	CCV26	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 17:17:34	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	50877930	50578455	50879538	50778641	0.34	cps
Lithium	6-1	2356532	2311971	2365443	2344649	1.22	cps
Magnesium	24-2	59537287	60357018	59765810	59886705	0.71	cps
Manganese	55-2	8906069	8890763	8980111	8925648	0.54	cps
Molybdenum	94-1	6082775	6091269	6106049	6093364	0.19	cps
Molybdenum	95-1	7496725	7477845	7486370	7486980	0.13	cps
Molybdenum	96-1	8291222	8240745	8299953	8277307	0.39	cps
Molybdenum	97-1	4689416	4685084	4681676	4685392	0.08	cps
Molybdenum	98-1	11882251	11930870	12037691	11950271	0.67	cps
Neodymium	150-1	187	260	207	218	17.41	cps
Neodymium	150-2	37	17	20	24	43.83	cps
Nickel	60-2	565472	568573	564644	566229	0.37	cps
Phosphorus	31-2	75993	76738	77634	76788	1.07	cps
Potassium	39-2	29921338	29806597	29766215	29831383	0.27	cps
Rhodium	103-1	6704466	6613506	6612052	6643341	0.80	cps
Rhodium	103-2	3913871	3911880	3958292	3928014	0.67	cps
Scandium	45-1	5283472	5242390	5221915	5249259	0.60	cps
Scandium	45-2	391330	394791	397634	394585	0.80	cps
Selenium	82-1	48921	48028	48041	48330	1.06	cps
Selenium	77-2	3807	3874	3761	3814	1.49	cps
Selenium	78-2	12505	12704	12585	12598	0.79	cps
Silicon	28-1	4246037	4338237	4410825	4331700	1.91	cps
Silver	109-1	3396541	3344055	3356841	3365812	0.81	cps
Silver	107-1	3540296	3527906	3549479	3539227	0.31	cps
Sodium	23-2	95501613	96359504	96485013	96115376	0.56	cps
Strontium	86-1	939032	932309	927274	932872	0.63	cps
Strontium	88-1	8223903	8211070	8080618	8171864	0.97	cps
Sulfur	34-1	928568	901035	895529	908377	1.95	cps
Terbium	159-1	9934013	9661714	9812766	9802831	1.39	cps
Terbium	159-2	5585690	5658335	5628005	5624010	0.65	cps
Thallium	203-1	2658807	2648494	2649734	2652345	0.21	cps
Thallium	205-1	6426545	6382166	6363285	6390665	0.51	cps
Thorium	232-1	11319467	11251009	11288242	11286239	0.30	cps
Tin	118-1	2221112	2237405	2197965	2218827	0.89	cps
Titanium	47-1	2367578	2340050	2321345	2342991	0.99	cps
Uranium	238-1	9987939	10007213	10065578	10020243	0.40	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	CCV26	Instrumnet Name :	P7
Client Sample ID :	CCV26	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 17:17:34	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1205901	1220870	1212960	1213244	0.62	cps
Yttrium	89-1	12298229	12156418	12089579	12181409	0.87	cps
Yttrium	89-2	2727156	2726755	2751475	2735129	0.52	cps
Zinc	66-2	2547818	2552204	2554849	2551624	0.14	cps
Zirconium	90-1	5114224	5086431	5045714	5082123	0.68	cps
Zirconium	91-1	1144957	1147483	1129786	1140742	0.84	cps

LB Number : LB112185 Operator : JASWAL
 Lab Sample ID : CCB26 Instrumnet Name : P7
 Client Sample ID : CCB26 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-01 17:26:20 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	317	308	275	300	7.35	cps
Antimony	121-1	333	492	333	386	23.68	cps
Arsenic	75-2	20	24	20	22	9.89	cps
Barium	135-1	50	42	75	56	31.22	cps
Barium	137-1	50	133	100	94	44.41	cps
Beryllium	9-1	100	72	94	89	16.54	cps
Bismuth	209-1	6088723	6045438	6072523	6068894	0.36	cps
Bismuth	209-2	3826937	3828778	3798507	3818074	0.44	cps
Boron	10-1	633	567	642	614	6.70	cps
Boron	11-1	3075	3284	3175	3178	3.28	cps
Bromine	81-1	3559	3242	3000	3267	8.57	cps
Bromine	81-2	40	70	80	63	32.87	cps
Cadmium	111-1	3110	3095	3166	3123	1.19	cps
Cadmium	106-1	4443	4376	4509	4442	1.50	cps
Cadmium	108-1	29	8	17	18	58.09	cps
Calcium	43-1	267	275	258	267	3.13	cps
Calcium	44-1	20900	20586	20786	20757	0.77	cps
Chromium	52-2	1067	1087	1073	1076	0.95	cps
Cobalt	59-2	117	137	113	122	10.33	cps
Copper	63-2	2890	2950	3037	2959	2.49	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	7	3	13	8	65.47	cps
Erbium	164-1	58	42	42	47	20.37	cps
Erbium	164-2	17	20	40	26	49.38	cps
Gadolinium	160-1	75	50	150	92	56.77	cps
Gadolinium	160-2	113	60	103	92	30.74	cps
Holmium	165-1	9447230	9398097	9494174	9446500	0.51	cps
Holmium	165-2	5448492	5420998	5371871	5413787	0.72	cps
Indium	115-1	7122912	7143380	7179854	7148715	0.40	cps
Indium	115-2	2025447	2025560	2010328	2020445	0.43	cps
Iron	54-2	1412	1802	1642	1618	12.13	cps
Iron	56-2	12372	12850	12967	12730	2.48	cps
Iron	57-2	439	561	483	494	12.51	cps
Krypton	83-1	683	610	637	643	5.77	cps
Lead	206-1	1645	1733	1639	1672	3.17	cps
Lead	207-1	1528	1472	1572	1524	3.29	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	CCB26	Instrumnet Name :	P7
Client Sample ID :	CCB26	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 17:26:20	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	7062	7001	6729	6930	2.56	cps
Lithium	6-1	2464982	2472947	2478492	2472140	0.27	cps
Magnesium	24-2	1717	2225	1692	1878	16.03	cps
Manganese	55-2	187	323	297	269	26.94	cps
Molybdenum	94-1	367	558	458	461	20.79	cps
Molybdenum	95-1	250	283	275	269	6.44	cps
Molybdenum	96-1	258	300	367	308	17.72	cps
Molybdenum	97-1	92	167	208	156	38.01	cps
Molybdenum	98-1	308	308	442	353	21.82	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	80	63	80	74	12.93	cps
Phosphorus	31-2	325	467	325	372	21.97	cps
Potassium	39-2	91028	90893	90165	90695	0.51	cps
Rhodium	103-1	7007294	7106252	6970058	7027868	1.00	cps
Rhodium	103-2	4140878	4146384	4148506	4145256	0.09	cps
Scandium	45-1	5235725	5229840	5185536	5217034	0.53	cps
Scandium	45-2	395181	395455	392266	394301	0.45	cps
Selenium	82-1	-22	67	46	30	152.12	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	76	81	96	85	12.45	cps
Silicon	28-1	440428	439743	437166	439112	0.39	cps
Silver	109-1	142	158	117	139	15.10	cps
Silver	107-1	183	175	208	189	9.18	cps
Sodium	23-2	53663	53186	52116	52988	1.50	cps
Strontium	86-1	958	1225	975	1053	14.19	cps
Strontium	88-1	192	242	300	244	22.18	cps
Sulfur	34-1	620728	615991	608094	614938	1.04	cps
Terbium	159-1	9754761	9712309	9763833	9743634	0.28	cps
Terbium	159-2	5658607	5524562	5527716	5570295	1.37	cps
Thallium	203-1	367	233	283	294	22.88	cps
Thallium	205-1	600	592	708	633	10.28	cps
Thorium	232-1	678	794	722	732	8.05	cps
Tin	118-1	467	450	567	494	12.76	cps
Titanium	47-1	283	133	192	203	37.29	cps
Uranium	238-1	81	132	155	123	31.04	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	CCB26	Instrumnet Name :	P7
Client Sample ID :	CCB26	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 17:26:20	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	47	37	23	36	32.93	cps
Yttrium	89-1	12310471	12190326	12219555	12240117	0.51	cps
Yttrium	89-2	2723721	2733773	2721763	2726419	0.24	cps
Zinc	66-2	383	377	380	380	0.88	cps
Zirconium	90-1	783	767	800	783	2.13	cps
Zirconium	91-1	200	125	100	142	36.74	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 17:29:52	DataFile Name :	018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2425	2450	2334	2403	2.56	cps
Antimony	121-1	11455	11138	11413	11335	1.52	cps
Arsenic	75-2	326	296	339	320	6.82	cps
Barium	135-1	12014	12673	11580	12089	4.55	cps
Barium	137-1	21734	20774	22227	21578	3.42	cps
Beryllium	9-1	1778	1678	1839	1765	4.61	cps
Bismuth	209-1	6059796	5970486	6045964	6025416	0.80	cps
Bismuth	209-2	3856212	3795298	3872768	3841426	1.06	cps
Boron	10-1	4951	4934	5334	5073	4.46	cps
Boron	11-1	24320	23644	23903	23955	1.42	cps
Bromine	81-1	3442	3392	3300	3378	2.13	cps
Bromine	81-2	50	40	50	47	12.37	cps
Cadmium	111-1	4952	4667	4685	4768	3.34	cps
Cadmium	106-1	4551	4609	4501	4554	1.19	cps
Cadmium	108-1	150	92	129	124	23.91	cps
Calcium	43-1	9345	9512	9345	9400	1.02	cps
Calcium	44-1	161915	158416	160189	160173	1.09	cps
Chromium	52-2	6451	6008	6298	6252	3.60	cps
Cobalt	59-2	4327	4081	4214	4207	2.94	cps
Copper	63-2	8436	8416	8172	8341	1.76	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	0	13	0	4	173.21	cps
Erbium	164-1	50	50	17	39	49.48	cps
Erbium	164-2	20	30	27	26	19.92	cps
Gadolinium	160-1	108	83	33	75	50.92	cps
Gadolinium	160-2	127	93	80	100	24.04	cps
Holmium	165-1	9387995	9337514	9346589	9357366	0.29	cps
Holmium	165-2	5431681	5399803	5538320	5456601	1.33	cps
Indium	115-1	7265933	7160486	7207460	7211293	0.73	cps
Indium	115-2	2031342	2043647	2074367	2049785	1.08	cps
Iron	54-2	7860	7500	8311	7890	5.15	cps
Iron	56-2	122533	121631	118859	121008	1.58	cps
Iron	57-2	3217	3267	3034	3173	3.87	cps
Krypton	83-1	540	737	630	636	15.49	cps
Lead	206-1	6485	6229	6496	6404	2.36	cps
Lead	207-1	5851	5568	5612	5677	2.69	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 17:29:52	DataFile Name :	018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	26583	26083	25949	26205	1.27	cps
Lithium	6-1	2456854	2433217	2456727	2448933	0.56	cps
Magnesium	24-2	120539	119959	116777	119092	1.70	cps
Manganese	55-2	1777	1677	1820	1758	4.18	cps
Molybdenum	94-1	11263	11530	11288	11360	1.30	cps
Molybdenum	95-1	14191	13498	13582	13757	2.75	cps
Molybdenum	96-1	15759	15484	15309	15517	1.46	cps
Molybdenum	97-1	8353	8419	8319	8364	0.61	cps
Molybdenum	98-1	23653	23069	22126	22949	3.36	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	1250	1100	1013	1121	10.68	cps
Phosphorus	31-2	250	275	250	258	5.59	cps
Potassium	39-2	211020	207227	211191	209813	1.07	cps
Rhodium	103-1	7158056	7006479	7093014	7085849	1.07	cps
Rhodium	103-2	4162420	4182069	4183037	4175842	0.28	cps
Scandium	45-1	5261926	5162160	5279021	5234369	1.21	cps
Scandium	45-2	396877	395974	409893	400915	1.94	cps
Selenium	82-1	567	358	480	469	22.40	cps
Selenium	77-2	47	43	27	39	27.55	cps
Selenium	78-2	178	163	200	180	10.34	cps
Silicon	28-1	484001	484202	482685	483629	0.17	cps
Silver	109-1	6593	6685	6735	6671	1.08	cps
Silver	107-1	6543	6802	7077	6807	3.92	cps
Sodium	23-2	257008	251361	253466	253945	1.12	cps
Strontium	86-1	2875	2584	2584	2681	6.28	cps
Strontium	88-1	14750	15067	15075	14964	1.24	cps
Sulfur	34-1	626050	622740	630216	626335	0.60	cps
Terbium	159-1	9844293	9644820	9807265	9765459	1.09	cps
Terbium	159-2	5594324	5620656	5668489	5627823	0.67	cps
Thallium	203-1	5001	5001	5059	5021	0.67	cps
Thallium	205-1	12148	12081	12164	12131	0.36	cps
Thorium	232-1	567	711	733	670	13.50	cps
Tin	118-1	21016	19990	20699	20568	2.55	cps
Titanium	47-1	4543	4676	4617	4612	1.45	cps
Uranium	238-1	16726	15691	16509	16309	3.35	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 17:29:52	DataFile Name :	018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	11304	10881	10821	11002	2.40	cps
Yttrium	89-1	12286703	12172100	12278226	12245676	0.52	cps
Yttrium	89-2	2753377	2750911	2778734	2761007	0.56	cps
Zinc	66-2	1273	1420	1333	1342	5.49	cps
Zirconium	90-1	9595	9120	10037	9584	4.79	cps
Zirconium	91-1	2150	2034	2100	2095	2.79	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	PB132720BL	Instrumnet Name :	P7
Client Sample ID :	PB132720BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 17:33:25	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	158	150	142	15.56	cps
Antimony	121-1	125	92	83	100	22.04	cps
Arsenic	75-2	7	2	9	6	62.47	cps
Barium	135-1	42	17	25	28	45.82	cps
Barium	137-1	58	33	42	44	28.64	cps
Beryllium	9-1	67	89	61	72	20.35	cps
Bismuth	209-1	6111888	6074377	5973769	6053345	1.18	cps
Bismuth	209-2	3847880	3803549	3838558	3829996	0.61	cps
Boron	10-1	575	492	433	500	14.24	cps
Boron	11-1	2525	2359	2275	2386	5.33	cps
Bromine	81-1	3684	3609	3567	3620	1.63	cps
Bromine	81-2	70	100	150	107	37.89	cps
Cadmium	111-1	3263	2926	2968	3052	6.01	cps
Cadmium	106-1	4668	4192	4226	4362	6.08	cps
Cadmium	108-1	13	25	21	19	32.73	cps
Calcium	43-1	225	200	142	189	22.64	cps
Calcium	44-1	20546	20120	20849	20505	1.79	cps
Chromium	52-2	1020	963	1033	1006	3.70	cps
Cobalt	59-2	80	97	87	88	9.56	cps
Copper	63-2	2334	2540	2530	2468	4.72	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	67	25	33	42	52.92	cps
Erbium	164-2	30	23	40	31	26.97	cps
Gadolinium	160-1	100	83	100	94	10.18	cps
Gadolinium	160-2	103	70	100	91	20.15	cps
Holmium	165-1	9618759	9635435	9357779	9537324	1.63	cps
Holmium	165-2	5468371	5438828	5446046	5451082	0.28	cps
Indium	115-1	7391799	7384273	7131110	7302394	2.03	cps
Indium	115-2	2057929	2049127	2072898	2059985	0.58	cps
Iron	54-2	1281	1161	1251	1231	5.08	cps
Iron	56-2	5190	5240	5407	5279	2.15	cps
Iron	57-2	350	372	300	341	10.86	cps
Krypton	83-1	693	697	733	708	3.14	cps
Lead	206-1	1233	1083	1033	1117	9.32	cps
Lead	207-1	917	878	933	909	3.14	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	PB132720BL	Instrumnet Name :	P7
Client Sample ID :	PB132720BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 17:33:25	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	4795	4111	4050	4319	9.57	cps
Lithium	6-1	2474528	2447638	2410524	2444230	1.31	cps
Magnesium	24-2	425	317	392	378	14.69	cps
Manganese	55-2	83	73	80	79	6.45	cps
Molybdenum	94-1	208	175	275	219	23.20	cps
Molybdenum	95-1	42	67	58	56	22.91	cps
Molybdenum	96-1	125	133	75	111	28.40	cps
Molybdenum	97-1	33	58	17	36	58.08	cps
Molybdenum	98-1	83	158	117	119	31.46	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	60	63	30	51	35.92	cps
Phosphorus	31-2	300	333	317	317	5.26	cps
Potassium	39-2	90030	90030	93309	91123	2.08	cps
Rhodium	103-1	7195543	7064817	7130500	7130286	0.92	cps
Rhodium	103-2	4202383	4180036	4226420	4202946	0.55	cps
Scandium	45-1	5448262	5327205	5270286	5348584	1.70	cps
Scandium	45-2	402623	404578	406593	404598	0.49	cps
Selenium	82-1	-3	-44	-122	-56	-107.41	cps
Selenium	77-2	3	3	10	6	69.34	cps
Selenium	78-2	63	72	85	73	15.20	cps
Silicon	28-1	438295	443786	442087	441389	0.64	cps
Silver	109-1	75	58	83	72	17.63	cps
Silver	107-1	50	83	92	75	29.40	cps
Sodium	23-2	43689	42109	43580	43126	2.05	cps
Strontium	86-1	992	1242	1042	1092	12.12	cps
Strontium	88-1	167	150	133	150	11.11	cps
Sulfur	34-1	642913	639737	642427	641692	0.27	cps
Terbium	159-1	9822981	9862638	9799435	9828351	0.32	cps
Terbium	159-2	5613768	5591751	5653433	5619651	0.56	cps
Thallium	203-1	75	100	125	100	25.00	cps
Thallium	205-1	317	300	342	319	6.57	cps
Thorium	232-1	406	361	300	356	14.91	cps
Tin	118-1	483	375	375	411	15.21	cps
Titanium	47-1	133	75	142	117	31.14	cps
Uranium	238-1	-36	-43	-8	-29	-62.94	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	PB132720BL	Instrumnet Name :	P7
Client Sample ID :	PB132720BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 17:33:25	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	17	3	7	9	78.08	cps
Yttrium	89-1	12575428	12406376	12322877	12434894	1.03	cps
Yttrium	89-2	2774359	2761566	2817556	2784493	1.05	cps
Zinc	66-2	220	237	280	246	12.61	cps
Zirconium	90-1	608	458	608	558	15.51	cps
Zirconium	91-1	83	117	67	89	28.64	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	PB132720BS	Instrumnet Name :	P7
Client Sample ID :	PB132720BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 17:36:58	DataFile Name :	020LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1221758	1199484	1185318	1202187	1.53	cps
Antimony	121-1	3058521	3054722	3073557	3062267	0.33	cps
Arsenic	75-2	176977	174321	173371	174890	1.07	cps
Barium	135-1	3343666	3362863	3381178	3362569	0.56	cps
Barium	137-1	5882245	5884758	5935221	5900742	0.51	cps
Beryllium	9-1	916221	911842	913281	913781	0.24	cps
Bismuth	209-1	5909046	6004292	5979536	5964291	0.83	cps
Bismuth	209-2	3782195	3949151	3859770	3863706	2.16	cps
Boron	10-1	104123	104156	104307	104195	0.09	cps
Boron	11-1	481878	485783	483106	483589	0.41	cps
Bromine	81-1	3726	3451	3701	3626	4.20	cps
Bromine	81-2	70	40	40	50	34.64	cps
Cadmium	111-1	758916	762359	769718	763664	0.72	cps
Cadmium	106-1	84509	84392	85348	84749	0.62	cps
Cadmium	108-1	56813	57662	57675	57383	0.86	cps
Calcium	43-1	983114	978704	984100	981973	0.29	cps
Calcium	44-1	14351575	14211500	14481035	14348037	0.94	cps
Chromium	52-2	1460698	1440146	1425213	1442019	1.24	cps
Cobalt	59-2	2183405	2157446	2148701	2163184	0.83	cps
Copper	63-2	15231224	14984448	14887466	15034379	1.18	cps
Dysprosium	156-1	67	142	92	100	38.19	cps
Dysprosium	156-2	87	43	50	60	38.89	cps
Erbium	164-1	58	50	33	47	26.96	cps
Erbium	164-2	27	30	27	28	6.92	cps
Gadolinium	160-1	183	158	225	189	17.83	cps
Gadolinium	160-2	137	107	133	126	13.10	cps
Holmium	165-1	9605636	9659317	9682776	9649243	0.41	cps
Holmium	165-2	5499536	5757723	5589415	5615558	2.33	cps
Indium	115-1	7149786	7088617	7158427	7132277	0.53	cps
Indium	115-2	2035180	2117333	2073225	2075246	1.98	cps
Iron	54-2	3546597	3477621	3425316	3483178	1.75	cps
Iron	56-2	61400017	59968611	59346840	60238489	1.75	cps
Iron	57-2	1562840	1526017	1513542	1534133	1.67	cps
Krypton	83-1	667	613	707	662	7.07	cps
Lead	206-1	12617104	12572878	12707897	12632626	0.54	cps
Lead	207-1	11520313	11594810	11561209	11558777	0.32	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	PB132720BS	Instrumnet Name :	P7
Client Sample ID :	PB132720BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 17:36:58	DataFile Name :	020LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	51506987	52031927	52140856	51893257	0.65	cps
Lithium	6-1	2443975	2425462	2423691	2431043	0.46	cps
Magnesium	24-2	12717754	12454081	12265842	12479226	1.82	cps
Manganese	55-2	9194421	9025846	8905899	9042055	1.60	cps
Molybdenum	94-1	6079874	6153524	6108278	6113892	0.61	cps
Molybdenum	95-1	7466405	7517902	7552042	7512116	0.57	cps
Molybdenum	96-1	8249523	8350059	8306898	8302160	0.61	cps
Molybdenum	97-1	4680265	4693149	4702041	4691818	0.23	cps
Molybdenum	98-1	11963952	11947994	12038840	11983595	0.40	cps
Neodymium	150-1	287	233	247	256	10.86	cps
Neodymium	150-2	20	37	47	34	39.11	cps
Nickel	60-2	580729	571854	571176	574586	0.93	cps
Phosphorus	31-2	78061	75792	75809	76554	1.71	cps
Potassium	39-2	6393849	6298924	6207682	6300152	1.48	cps
Rhodium	103-1	7043404	7088329	6999073	7043602	0.63	cps
Rhodium	103-2	4109583	4290021	4179165	4192923	2.17	cps
Scandium	45-1	5344137	5285155	5334216	5321169	0.59	cps
Scandium	45-2	404666	417073	407404	409715	1.59	cps
Selenium	82-1	49025	49105	49711	49280	0.76	cps
Selenium	77-2	3907	3911	3921	3913	0.18	cps
Selenium	78-2	13297	12806	13052	13052	1.88	cps
Silicon	28-1	3993832	4071738	4152148	4072573	1.94	cps
Silver	109-1	3485456	3506261	3525927	3505882	0.58	cps
Silver	107-1	3665903	3696443	3686397	3682915	0.42	cps
Sodium	23-2	21619904	21067404	20963267	21216858	1.66	cps
Strontium	86-1	936935	946046	925571	936184	1.10	cps
Strontium	88-1	8185741	8341758	8184537	8237345	1.10	cps
Sulfur	34-1	940870	940552	933477	938300	0.45	cps
Terbium	159-1	9938234	9954025	10041963	9978074	0.56	cps
Terbium	159-2	5606450	6139710	5774610	5840257	4.67	cps
Thallium	203-1	2726965	2698965	2749234	2725055	0.92	cps
Thallium	205-1	6522368	6485475	6554174	6520673	0.53	cps
Thorium	232-1	11195711	11262297	11179745	11212584	0.39	cps
Tin	118-1	2238487	2226302	2261341	2242043	0.79	cps
Titanium	47-1	2357993	2347994	2352307	2352765	0.21	cps
Uranium	238-1	9921457	9987249	9742448	9883718	1.28	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	PB132720BS	Instrumnet Name :	P7
Client Sample ID :	PB132720BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 17:36:58	DataFile Name :	020LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1223440	1205708	1190687	1206612	1.36	cps
Yttrium	89-1	12483843	12540623	12372354	12465607	0.69	cps
Yttrium	89-2	2787387	2900960	2806841	2831729	2.14	cps
Zinc	66-2	2531341	2485374	2476789	2497835	1.17	cps
Zirconium	90-1	5078046	5119769	5102565	5100127	0.41	cps
Zirconium	91-1	1139127	1157216	1152364	1149569	0.81	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	L4548-11DLX5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired ::	2020-12-01 17:57:48	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2890946	2870264	2721652	2827621	3.27	cps
Antimony	121-1	1304074	1307679	1315192	1308981	0.43	cps
Arsenic	75-2	151181	153143	145758	150027	2.55	cps
Barium	135-1	1915250	1917582	1927627	1920153	0.34	cps
Barium	137-1	3348482	3377236	3388680	3371466	0.61	cps
Beryllium	9-1	209501	205303	207998	207601	1.02	cps
Bismuth	209-1	5919144	6026834	6020568	5988849	1.01	cps
Bismuth	209-2	3765115	3751729	3674059	3730301	1.32	cps
Boron	10-1	39126	40270	39669	39689	1.44	cps
Boron	11-1	187226	190213	190618	189352	0.98	cps
Bromine	81-1	4868	5143	5143	5051	3.14	cps
Bromine	81-2	310	290	340	314	8.03	cps
Cadmium	111-1	684586	694997	695324	691636	0.88	cps
Cadmium	106-1	66649	66849	65643	66380	0.97	cps
Cadmium	108-1	44988	45560	44958	45169	0.75	cps
Calcium	43-1	278840	275972	280304	278372	0.79	cps
Calcium	44-1	4384088	4391411	4409828	4395109	0.30	cps
Chromium	52-2	497848	480702	465397	481316	3.37	cps
Cobalt	59-2	1507197	1461698	1424634	1464510	2.82	cps
Copper	63-2	1617601	1613513	1509209	1580108	3.89	cps
Dysprosium	156-1	51338	50711	51655	51235	0.94	cps
Dysprosium	156-2	27858	27337	26232	27142	3.06	cps
Erbium	164-1	30451	30977	31245	30891	1.31	cps
Erbium	164-2	17107	17979	16647	17244	3.92	cps
Gadolinium	160-1	42249	43219	41957	42475	1.56	cps
Gadolinium	160-2	26566	26499	24422	25829	4.72	cps
Holmium	165-1	9358637	9528393	9583922	9490317	1.24	cps
Holmium	165-2	5416478	5383060	5289879	5363139	1.22	cps
Indium	115-1	7124907	7181349	7252656	7186304	0.89	cps
Indium	115-2	2043697	2128851	2008369	2060306	3.01	cps
Iron	54-2	6892108	6778386	6504708	6725067	2.96	cps
Iron	56-2	124272808	120562169	118394717	121076565	2.46	cps
Iron	57-2	3165813	3097693	2978482	3080663	3.08	cps
Krypton	83-1	607	720	653	660	8.63	cps
Lead	206-1	1494240	1490779	1528681	1504567	1.39	cps
Lead	207-1	1309834	1315368	1325475	1316892	0.60	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	L4548-11DLX5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired ::	2020-12-01 17:57:48	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	5998402	6076953	6081807	6052387	0.77	cps
Lithium	6-1	2892920	2856693	2846282	2865298	0.85	cps
Magnesium	24-2	1830022	1814125	1722000	1788716	3.26	cps
Manganese	55-2	714708	697844	681615	698056	2.37	cps
Molybdenum	94-1	459379	462663	463743	461929	0.49	cps
Molybdenum	95-1	782208	773077	781351	778879	0.65	cps
Molybdenum	96-1	837419	826595	850671	838228	1.44	cps
Molybdenum	97-1	482139	480114	485043	482432	0.51	cps
Molybdenum	98-1	1243841	1241029	1249011	1244627	0.33	cps
Neodymium	150-1	100402	101066	102745	101404	1.19	cps
Neodymium	150-2	50910	51836	47752	50166	4.27	cps
Nickel	60-2	668618	653300	628924	650281	3.08	cps
Phosphorus	31-2	13264	13648	13340	13417	1.52	cps
Potassium	39-2	1514083	1523207	1494773	1510688	0.96	cps
Rhodium	103-1	7057756	7159136	7106055	7107649	0.71	cps
Rhodium	103-2	4221270	4315220	4118003	4218164	2.34	cps
Scandium	45-1	5454473	5497275	5517714	5489820	0.59	cps
Scandium	45-2	425977	430865	420370	425737	1.23	cps
Selenium	82-1	23097	23202	23192	23164	0.25	cps
Selenium	77-2	2020	2090	1877	1996	5.45	cps
Selenium	78-2	6324	6329	6137	6263	1.75	cps
Silicon	28-1	3359384	3457092	3423786	3413421	1.46	cps
Silver	109-1	462148	470721	466485	466451	0.92	cps
Silver	107-1	481194	494168	494020	489794	1.52	cps
Sodium	23-2	2806011	2792355	2659302	2752556	2.94	cps
Strontium	86-1	567048	572401	573389	570946	0.60	cps
Strontium	88-1	4978194	4952543	5031640	4987459	0.81	cps
Sulfur	34-1	594412	584579	588573	589188	0.84	cps
Terbium	159-1	9611997	9928919	9979800	9840239	2.03	cps
Terbium	159-2	5578502	5683456	5392736	5551565	2.65	cps
Thallium	203-1	3375843	3406808	3428493	3403714	0.78	cps
Thallium	205-1	8626480	8665775	8923016	8738424	1.84	cps
Thorium	232-1	454663	452221	454457	453780	0.30	cps
Tin	118-1	1064854	1072921	1068879	1068885	0.38	cps
Titanium	47-1	754237	752360	758825	755141	0.44	cps
Uranium	238-1	2600822	2575754	2584227	2586934	0.49	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	L4548-11DLX5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired ::	2020-12-01 17:57:48	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1462256	1418206	1378296	1419586	2.96	cps
Yttrium	89-1	12741823	12943005	13220987	12968605	1.86	cps
Yttrium	89-2	2907738	2951434	2861563	2906912	1.55	cps
Zinc	66-2	512443	514063	484366	503624	3.32	cps
Zirconium	90-1	43971	42706	44013	43564	1.71	cps
Zirconium	91-1	9779	9670	9128	9526	3.66	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	L4548-11DLREX5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired ::	2020-12-01 18:01:18	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2845947	2859443	2791768	2832386	1.26	cps
Antimony	121-1	1673029	1670707	1650213	1664650	0.75	cps
Arsenic	75-2	152368	150549	148850	150589	1.17	cps
Barium	135-1	1916166	1941518	1929481	1929055	0.66	cps
Barium	137-1	3375770	3399332	3367598	3380900	0.49	cps
Beryllium	9-1	196025	194719	194078	194941	0.51	cps
Bismuth	209-1	5944481	5957763	5907634	5936626	0.44	cps
Bismuth	209-2	3686430	3725272	3724838	3712180	0.60	cps
Boron	10-1	49899	50585	50368	50284	0.70	cps
Boron	11-1	236105	245139	241355	240866	1.88	cps
Bromine	81-1	4284	4743	4601	4543	5.17	cps
Bromine	81-2	340	270	280	297	12.76	cps
Cadmium	111-1	692909	688650	689233	690264	0.33	cps
Cadmium	106-1	67108	66346	64764	66073	1.81	cps
Cadmium	108-1	46492	45757	45769	46006	0.92	cps
Calcium	43-1	280766	277876	277557	278733	0.63	cps
Calcium	44-1	4405040	4382426	4378400	4388622	0.33	cps
Chromium	52-2	501774	496594	480383	492917	2.26	cps
Cobalt	59-2	1515736	1506345	1471119	1497733	1.57	cps
Copper	63-2	1617673	1604658	1578667	1600333	1.24	cps
Dysprosium	156-1	50368	50702	50368	50480	0.38	cps
Dysprosium	156-2	27137	26716	26389	26747	1.40	cps
Erbium	164-1	30735	30811	30944	30830	0.34	cps
Erbium	164-2	17678	17298	17351	17442	1.18	cps
Gadolinium	160-1	42475	41547	40034	41352	2.98	cps
Gadolinium	160-2	26178	26322	25874	26125	0.87	cps
Holmium	165-1	9473377	9670240	9568990	9570869	1.03	cps
Holmium	165-2	5354359	5434617	5425169	5404715	0.81	cps
Indium	115-1	7214698	7156989	7299948	7223879	1.00	cps
Indium	115-2	2029469	2057777	2068555	2051934	0.98	cps
Iron	54-2	6924148	6831827	6657951	6804642	1.99	cps
Iron	56-2	125316606	124153097	120389994	123286566	2.09	cps
Iron	57-2	3160546	3158469	3072590	3130535	1.60	cps
Krypton	83-1	697	787	713	732	6.54	cps
Lead	206-1	1507285	1506622	1505301	1506403	0.07	cps
Lead	207-1	1317529	1306769	1314588	1312962	0.42	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	L4548-11DLREX5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired ::	2020-12-01 18:01:18	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	6047180	6032064	6005315	6028186	0.35	cps
Lithium	6-1	2719191	2702371	2684451	2702004	0.64	cps
Magnesium	24-2	1826420	1838461	1775561	1813481	1.84	cps
Manganese	55-2	708639	709319	693554	703837	1.27	cps
Molybdenum	94-1	455613	461649	464480	460581	0.98	cps
Molybdenum	95-1	772488	780170	782254	778304	0.66	cps
Molybdenum	96-1	837711	836536	829202	834483	0.55	cps
Molybdenum	97-1	481924	483446	482243	482537	0.17	cps
Molybdenum	98-1	1246418	1255781	1246319	1249506	0.43	cps
Neodymium	150-1	101483	101750	99381	100871	1.29	cps
Neodymium	150-2	50338	50428	49418	50061	1.12	cps
Nickel	60-2	669447	667091	650604	662380	1.55	cps
Phosphorus	31-2	14049	13023	12973	13348	4.55	cps
Potassium	39-2	1515830	1538250	1512558	1522213	0.92	cps
Rhodium	103-1	7228261	7124543	7192184	7181662	0.73	cps
Rhodium	103-2	4248117	4262264	4298234	4269538	0.61	cps
Scandium	45-1	5432172	5469655	5507948	5469925	0.69	cps
Scandium	45-2	428212	435645	436292	433383	1.04	cps
Selenium	82-1	23169	22975	23086	23077	0.42	cps
Selenium	77-2	1950	1923	2127	2000	5.53	cps
Selenium	78-2	6533	6355	6396	6428	1.45	cps
Silicon	28-1	3316289	3336000	3304926	3319072	0.47	cps
Silver	109-1	472652	468603	464485	468580	0.87	cps
Silver	107-1	489050	490828	490119	489999	0.18	cps
Sodium	23-2	2781134	2802330	2766568	2783344	0.65	cps
Strontium	86-1	573960	577514	571318	574264	0.54	cps
Strontium	88-1	4956374	4971642	5005047	4977687	0.50	cps
Sulfur	34-1	555655	551883	545748	551095	0.91	cps
Terbium	159-1	9840832	9988425	9770134	9866464	1.13	cps
Terbium	159-2	5502854	5581253	5587264	5557123	0.85	cps
Thallium	203-1	3422954	3415324	3400015	3412764	0.34	cps
Thallium	205-1	8821842	8754390	8763845	8780026	0.42	cps
Thorium	232-1	454347	455053	454381	454594	0.09	cps
Tin	118-1	1066324	1082654	1074985	1074654	0.76	cps
Titanium	47-1	746339	738488	742946	742591	0.53	cps
Uranium	238-1	2585066	2571897	2549330	2568764	0.70	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	L4548-11DLREX5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired ::	2020-12-01 18:01:18	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1464272	1458532	1427899	1450234	1.35	cps
Yttrium	89-1	12869500	12907011	13023114	12933208	0.62	cps
Yttrium	89-2	2917579	2939604	2975236	2944140	0.99	cps
Zinc	66-2	510989	509422	496370	505593	1.59	cps
Zirconium	90-1	43189	41336	40683	41736	3.11	cps
Zirconium	91-1	9570	9303	9929	9601	3.27	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	L4548-11DLRE2X5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired ::	2020-12-01 18:04:50	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2730312	2742667	2665420	2712800	1.53	cps
Antimony	121-1	1957493	1970612	1955120	1961075	0.43	cps
Arsenic	75-2	163720	165312	161953	163662	1.03	cps
Barium	135-1	1919019	1919689	1933762	1924157	0.43	cps
Barium	137-1	3377329	3406036	3405120	3396162	0.48	cps
Beryllium	9-1	201772	193971	191771	195838	2.68	cps
Bismuth	209-1	5926265	5865395	5921387	5904349	0.57	cps
Bismuth	209-2	3642755	3633190	3662756	3646234	0.41	cps
Boron	10-1	51990	52408	51345	51914	1.03	cps
Boron	11-1	251940	253245	255557	253581	0.72	cps
Bromine	81-1	5034	5293	4726	5018	5.66	cps
Bromine	81-2	420	541	380	447	18.64	cps
Cadmium	111-1	715169	712331	704978	710826	0.74	cps
Cadmium	106-1	68398	67637	66916	67650	1.10	cps
Cadmium	108-1	47730	47216	47312	47419	0.58	cps
Calcium	43-1	296326	291316	287791	291811	1.47	cps
Calcium	44-1	4604049	4548713	4499122	4550628	1.15	cps
Chromium	52-2	526868	530795	520241	525968	1.01	cps
Cobalt	59-2	1586211	1584393	1553551	1574718	1.17	cps
Copper	63-2	1695554	1700280	1669176	1688337	0.99	cps
Dysprosium	156-1	54642	53355	53320	53772	1.40	cps
Dysprosium	156-2	28052	28884	27868	28268	1.91	cps
Erbium	164-1	33141	33349	32815	33102	0.81	cps
Erbium	164-2	18606	18596	18329	18510	0.85	cps
Gadolinium	160-1	46262	44222	43904	44796	2.86	cps
Gadolinium	160-2	27888	27825	27875	27863	0.12	cps
Holmium	165-1	9478869	9439464	9570907	9496413	0.71	cps
Holmium	165-2	5290401	5345421	5331049	5322290	0.54	cps
Indium	115-1	7167032	7076707	7184176	7142638	0.81	cps
Indium	115-2	2007867	2033861	2024698	2022142	0.65	cps
Iron	54-2	7383625	7436676	7261674	7360658	1.22	cps
Iron	56-2	133031047	134075370	130172558	132426325	1.53	cps
Iron	57-2	3397179	3393074	3296860	3362371	1.69	cps
Krypton	83-1	707	710	747	721	3.08	cps
Lead	206-1	1571121	1569558	1577406	1572695	0.26	cps
Lead	207-1	1373649	1365460	1372009	1370373	0.32	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	L4548-11DLRE2X5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired ::	2020-12-01 18:04:50	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	6307141	6283785	6317198	6302708	0.27	cps
Lithium	6-1	2629738	2578148	2592353	2600080	1.02	cps
Magnesium	24-2	1835390	1839490	1798418	1824433	1.24	cps
Manganese	55-2	730962	737716	725290	731323	0.85	cps
Molybdenum	94-1	499508	494663	498169	497447	0.50	cps
Molybdenum	95-1	834363	827190	824896	828816	0.60	cps
Molybdenum	96-1	893009	888543	880378	887310	0.72	cps
Molybdenum	97-1	511122	510537	504674	508778	0.70	cps
Molybdenum	98-1	1332047	1304070	1304782	1313633	1.21	cps
Neodymium	150-1	102591	103295	103330	103072	0.40	cps
Neodymium	150-2	51127	51074	50274	50825	0.94	cps
Nickel	60-2	698684	699008	683570	693754	1.27	cps
Phosphorus	31-2	14816	15166	14416	14799	2.54	cps
Potassium	39-2	1490849	1496061	1473893	1486934	0.78	cps
Rhodium	103-1	7057265	6941781	7014146	7004397	0.83	cps
Rhodium	103-2	4218470	4242752	4242665	4234629	0.33	cps
Scandium	45-1	5349375	5350184	5252898	5317486	1.05	cps
Scandium	45-2	429066	433922	425862	429617	0.94	cps
Selenium	82-1	24468	24232	24762	24488	1.08	cps
Selenium	77-2	1913	2274	2017	2068	8.97	cps
Selenium	78-2	6596	6576	6950	6707	3.14	cps
Silicon	28-1	13202544	13327148	13236905	13255532	0.49	cps
Silver	109-1	498554	496231	497376	497387	0.23	cps
Silver	107-1	522923	520934	522844	522233	0.22	cps
Sodium	23-2	2961533	2959214	2925305	2948684	0.69	cps
Strontium	86-1	592031	595133	588511	591892	0.56	cps
Strontium	88-1	5191029	5159097	5145373	5165166	0.45	cps
Sulfur	34-1	522602	517518	513055	517725	0.92	cps
Terbium	159-1	9790978	9692518	9767288	9750261	0.53	cps
Terbium	159-2	5423897	5481309	5508843	5471350	0.79	cps
Thallium	203-1	3607356	3584061	3586266	3592561	0.36	cps
Thallium	205-1	9253346	9086593	9231862	9190600	0.99	cps
Thorium	232-1	467893	463706	452915	461504	1.67	cps
Tin	118-1	1168406	1179560	1170376	1172780	0.51	cps
Titanium	47-1	674305	677105	669423	673611	0.58	cps
Uranium	238-1	2746360	2718470	2702496	2722442	0.82	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	L4548-11DLRE2X5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired ::	2020-12-01 18:04:50	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1542296	1530607	1510409	1527771	1.06	cps
Yttrium	89-1	13150089	12782169	12869907	12934055	1.49	cps
Yttrium	89-2	2892293	2914641	2917210	2908048	0.47	cps
Zinc	66-2	528067	526667	519959	524898	0.83	cps
Zirconium	90-1	68832	67006	67157	67665	1.50	cps
Zirconium	91-1	15509	15600	16276	15795	2.65	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	L4548-11DLRE3X5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired ::	2020-12-01 18:15:43	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2880280	2815949	2752724	2816318	2.26	cps
Antimony	121-1	1477137	1495798	1499818	1490917	0.81	cps
Arsenic	75-2	155438	153363	151383	153395	1.32	cps
Barium	135-1	1925471	1940946	1938103	1934840	0.43	cps
Barium	137-1	3386145	3416614	3379915	3394225	0.58	cps
Beryllium	9-1	183381	183651	181638	182890	0.60	cps
Bismuth	209-1	5895483	5849623	5919983	5888363	0.61	cps
Bismuth	209-2	3662443	3682054	3676650	3673716	0.28	cps
Boron	10-1	41532	42368	42201	42034	1.05	cps
Boron	11-1	202265	209388	209794	207149	2.04	cps
Bromine	81-1	4659	4801	4959	4807	3.12	cps
Bromine	81-2	350	300	230	294	20.55	cps
Cadmium	111-1	689569	694522	694020	692704	0.39	cps
Cadmium	106-1	66179	66087	66639	66302	0.45	cps
Cadmium	108-1	45916	45502	46689	46035	1.31	cps
Calcium	43-1	275676	273375	276022	275025	0.52	cps
Calcium	44-1	4333812	4338636	4374140	4348862	0.51	cps
Chromium	52-2	506926	501334	487919	498726	1.96	cps
Cobalt	59-2	1541813	1519312	1494582	1518569	1.56	cps
Copper	63-2	1640265	1625475	1584975	1616905	1.77	cps
Dysprosium	156-1	51112	51572	51639	51441	0.56	cps
Dysprosium	156-2	27377	26860	25594	26610	3.45	cps
Erbium	164-1	30434	30743	30935	30704	0.82	cps
Erbium	164-2	17955	17017	16537	17170	4.20	cps
Gadolinium	160-1	42391	41664	40870	41641	1.83	cps
Gadolinium	160-2	26466	25858	25440	25921	1.99	cps
Holmium	165-1	9497251	9540856	9567300	9535136	0.37	cps
Holmium	165-2	5380304	5366643	5427812	5391586	0.60	cps
Indium	115-1	7280306	7266057	7271279	7272547	0.10	cps
Indium	115-2	2057499	2061538	2073827	2064288	0.41	cps
Iron	54-2	6974412	6974222	6737249	6895294	1.98	cps
Iron	56-2	126395269	124777469	121294917	124155885	2.10	cps
Iron	57-2	3198781	3138234	3080626	3139213	1.88	cps
Krypton	83-1	783	600	723	702	13.31	cps
Lead	206-1	1496344	1492903	1485338	1491528	0.38	cps
Lead	207-1	1305913	1298550	1298008	1300823	0.34	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	L4548-11DLRE3X5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired ::	2020-12-01 18:15:43	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	5995071	5959842	5972882	5975932	0.30	cps
Lithium	6-1	2533044	2552351	2496406	2527267	1.12	cps
Magnesium	24-2	1829870	1819232	1767144	1805415	1.86	cps
Manganese	55-2	719933	718148	699917	712666	1.55	cps
Molybdenum	94-1	462000	461898	463998	462632	0.26	cps
Molybdenum	95-1	781112	786107	787865	785028	0.45	cps
Molybdenum	96-1	839508	839145	830422	836358	0.62	cps
Molybdenum	97-1	482360	485053	485636	484350	0.36	cps
Molybdenum	98-1	1248458	1246980	1251024	1248821	0.16	cps
Neodymium	150-1	100563	99414	99629	99869	0.61	cps
Neodymium	150-2	50345	49733	48414	49497	1.99	cps
Nickel	60-2	680181	672932	661667	671593	1.39	cps
Phosphorus	31-2	14007	13139	13390	13512	3.30	cps
Potassium	39-2	1546066	1539929	1525461	1537152	0.69	cps
Rhodium	103-1	7160417	7194377	7187757	7180850	0.25	cps
Rhodium	103-2	4333556	4292544	4292812	4306304	0.55	cps
Scandium	45-1	5397236	5378056	5495164	5423485	1.16	cps
Scandium	45-2	436240	437167	441728	438378	0.67	cps
Selenium	82-1	23019	22821	23214	23018	0.85	cps
Selenium	77-2	2017	1990	2054	2020	1.57	cps
Selenium	78-2	6361	6322	6290	6324	0.56	cps
Silicon	28-1	3176173	3225784	3231923	3211293	0.95	cps
Silver	109-1	470268	467558	471229	469685	0.41	cps
Silver	107-1	492566	485385	493044	490332	0.88	cps
Sodium	23-2	2798429	2806016	2762954	2789133	0.82	cps
Strontium	86-1	573416	580421	578347	577395	0.62	cps
Strontium	88-1	5004381	5005681	5049107	5019723	0.51	cps
Sulfur	34-1	529906	519859	521744	523836	1.02	cps
Terbium	159-1	9848818	10016215	9734541	9866525	1.44	cps
Terbium	159-2	5538452	5582821	5595898	5572390	0.54	cps
Thallium	203-1	3383189	3355445	3373979	3370871	0.42	cps
Thallium	205-1	8641317	8689480	8686954	8672584	0.31	cps
Thorium	232-1	448592	445878	446194	446888	0.33	cps
Tin	118-1	1074579	1077035	1082155	1077923	0.36	cps
Titanium	47-1	737014	730303	742090	736469	0.80	cps
Uranium	238-1	2534386	2562295	2528393	2541691	0.71	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	L4548-11DLRE3X5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired ::	2020-12-01 18:15:43	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1495589	1466253	1429381	1463741	2.27	cps
Yttrium	89-1	12974794	12976522	13119524	13023613	0.64	cps
Yttrium	89-2	2960414	2982385	2977214	2973338	0.39	cps
Zinc	66-2	516679	514565	498215	509820	1.98	cps
Zirconium	90-1	43043	42212	40616	41957	2.94	cps
Zirconium	91-1	9670	9579	9212	9487	2.56	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	L4548-11DL2X10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	10
Date & Time Acquired ::	2020-12-01 18:19:16	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1440898	1424786	1379662	1415115	2.24	cps
Antimony	121-1	756920	757586	749841	754782	0.57	cps
Arsenic	75-2	78821	77657	75340	77273	2.29	cps
Barium	135-1	984396	979294	966468	976719	0.95	cps
Barium	137-1	1720113	1710490	1694999	1708534	0.74	cps
Beryllium	9-1	91267	90546	90121	90644	0.64	cps
Bismuth	209-1	6028548	5954124	5975478	5986050	0.64	cps
Bismuth	209-2	3783877	3717882	3753867	3751875	0.88	cps
Boron	10-1	22968	21641	22142	22250	3.01	cps
Boron	11-1	105231	107076	106832	106380	0.94	cps
Bromine	81-1	4217	4026	4209	4151	2.61	cps
Bromine	81-2	250	180	180	204	19.88	cps
Cadmium	111-1	354135	353824	345340	351100	1.42	cps
Cadmium	106-1	35361	36539	35086	35662	2.16	cps
Cadmium	108-1	23328	23373	23653	23451	0.75	cps
Calcium	43-1	139266	137928	140266	139153	0.84	cps
Calcium	44-1	2217998	2215673	2198687	2210786	0.48	cps
Chromium	52-2	255808	250508	243616	249977	2.45	cps
Cobalt	59-2	777394	765431	752333	765053	1.64	cps
Copper	63-2	833623	815497	803960	817694	1.83	cps
Dysprosium	156-1	25725	25332	25783	25613	0.96	cps
Dysprosium	156-2	14011	14014	13153	13726	3.61	cps
Erbium	164-1	15509	15918	15334	15587	1.92	cps
Erbium	164-2	8753	8850	8563	8722	1.67	cps
Gadolinium	160-1	21826	21542	20966	21445	2.04	cps
Gadolinium	160-2	13343	13070	13106	13173	1.13	cps
Holmium	165-1	9687064	9702667	9660575	9683435	0.22	cps
Holmium	165-2	5489064	5431034	5481467	5467188	0.58	cps
Indium	115-1	7240754	7291103	7356163	7296006	0.79	cps
Indium	115-2	2091917	2075581	2098730	2088743	0.57	cps
Iron	54-2	3632911	3584789	3495934	3571211	1.95	cps
Iron	56-2	63212697	62989146	61244571	62482138	1.72	cps
Iron	57-2	1613948	1585382	1545379	1581570	2.18	cps
Krypton	83-1	683	693	723	700	2.97	cps
Lead	206-1	774223	764408	759464	766032	0.98	cps
Lead	207-1	665707	662350	666376	664811	0.32	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	L4548-11DL2X10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	10
Date & Time Acquired ::	2020-12-01 18:19:16	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	3064076	3050584	3057979	3057547	0.22	cps
Lithium	6-1	2297747	2285740	2271916	2285134	0.57	cps
Magnesium	24-2	926220	914876	887919	909672	2.16	cps
Manganese	55-2	358516	359312	351152	356327	1.26	cps
Molybdenum	94-1	234766	235731	233224	234573	0.54	cps
Molybdenum	95-1	401021	393316	395797	396711	0.99	cps
Molybdenum	96-1	421873	421051	420169	421031	0.20	cps
Molybdenum	97-1	246903	245452	242426	244927	0.93	cps
Molybdenum	98-1	631468	623993	624026	626495	0.69	cps
Neodymium	150-1	50686	50813	51088	50862	0.40	cps
Neodymium	150-2	25647	24903	24011	24854	3.30	cps
Nickel	60-2	344924	339945	330123	338331	2.23	cps
Phosphorus	31-2	6918	7069	6910	6966	1.28	cps
Potassium	39-2	818563	811836	801459	810619	1.06	cps
Rhodium	103-1	7345552	7236513	7201334	7261133	1.04	cps
Rhodium	103-2	4377445	4344446	4394064	4371985	0.58	cps
Scandium	45-1	5477741	5420572	5411220	5436511	0.66	cps
Scandium	45-2	437647	434636	439334	437206	0.54	cps
Selenium	82-1	11561	11849	11644	11685	1.27	cps
Selenium	77-2	1033	1037	983	1018	2.94	cps
Selenium	78-2	3299	3360	3326	3328	0.92	cps
Silicon	28-1	1815344	1857998	1817572	1830305	1.31	cps
Silver	109-1	241800	235666	232651	236706	1.97	cps
Silver	107-1	249877	247750	245052	247560	0.98	cps
Sodium	23-2	1421402	1412696	1395611	1409903	0.93	cps
Strontium	86-1	294394	291991	295328	293904	0.59	cps
Strontium	88-1	2539658	2544385	2545508	2543184	0.12	cps
Sulfur	34-1	508764	506523	499856	505047	0.92	cps
Terbium	159-1	9915382	9795886	9917268	9876179	0.70	cps
Terbium	159-2	5673651	5634171	5683659	5663827	0.46	cps
Thallium	203-1	1711717	1690140	1708375	1703410	0.68	cps
Thallium	205-1	4111655	4062465	4077029	4083716	0.62	cps
Thorium	232-1	226111	226040	227141	226431	0.27	cps
Tin	118-1	540636	544146	541353	542045	0.34	cps
Titanium	47-1	373273	371008	366500	370260	0.93	cps
Uranium	238-1	1285870	1260806	1263414	1270030	1.08	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	L4548-11DL2X10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	10
Date & Time Acquired ::	2020-12-01 18:19:16	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	753148	742289	718592	738010	2.39	cps
Yttrium	89-1	13065286	12982163	12968876	13005442	0.40	cps
Yttrium	89-2	2966110	2946686	2944897	2952565	0.40	cps
Zinc	66-2	263879	260506	252601	258995	2.24	cps
Zirconium	90-1	21884	21333	20774	21330	2.60	cps
Zirconium	91-1	4734	5034	4476	4748	5.89	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	L4548-11	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 18:22:49	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13301745	13087869	12551295	12980303	2.98	cps
Antimony	121-1	8729103	8716995	8689831	8711976	0.23	cps
Arsenic	75-2	753149	749529	731139	744606	1.58	cps
Barium	135-1	9756017	9836022	9720541	9770860	0.61	cps
Barium	137-1	17228272	17275542	17017707	17173840	0.80	cps
Beryllium	9-1	787891	784120	778251	783421	0.62	cps
Bismuth	209-1	5691834	5714198	5642947	5682993	0.64	cps
Bismuth	209-2	3505630	3549800	3494429	3516619	0.83	cps
Boron	10-1	215648	221447	221204	219433	1.49	cps
Boron	11-1	1094460	1108353	1109713	1104175	0.76	cps
Bromine	81-1	8261	8144	8494	8300	2.15	cps
Bromine	81-2	1071	1001	1131	1068	6.10	cps
Cadmium	111-1	3320175	3322655	3291394	3311408	0.52	cps
Cadmium	106-1	301477	304493	304926	303632	0.62	cps
Cadmium	108-1	220711	224041	219901	221551	0.99	cps
Calcium	43-1	1311118	1302655	1292670	1302148	0.71	cps
Calcium	44-1	19158103	19077358	19065631	19100364	0.26	cps
Chromium	52-2	2467603	2469731	2368864	2435399	2.37	cps
Cobalt	59-2	7610692	7570786	7257737	7479738	2.58	cps
Copper	63-2	8224609	8115585	8018224	8119473	1.27	cps
Dysprosium	156-1	253047	248780	249519	250448	0.91	cps
Dysprosium	156-2	132240	131478	125729	129816	2.74	cps
Erbium	164-1	153978	154575	150672	153075	1.37	cps
Erbium	164-2	85163	87575	82702	85147	2.86	cps
Gadolinium	160-1	206700	208542	207619	207620	0.44	cps
Gadolinium	160-2	129673	128556	123691	127307	2.50	cps
Holmium	165-1	9643427	9586206	9431228	9553621	1.15	cps
Holmium	165-2	5319442	5355809	5319690	5331647	0.39	cps
Indium	115-1	7157122	7218642	7178282	7184682	0.44	cps
Indium	115-2	1983222	1971505	1967373	1974033	0.42	cps
Iron	54-2	33631465	34060885	32417302	33369884	2.55	cps
Iron	56-2	612777503	616757969	588440369	605991947	2.53	cps
Iron	57-2	15163421	15216905	14547537	14975954	2.48	cps
Krypton	83-1	847	850	843	847	0.39	cps
Lead	206-1	8037610	8100312	8100362	8079428	0.45	cps
Lead	207-1	6377546	6392009	6392393	6387316	0.13	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	L4548-11	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 18:22:49	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	31510545	31663333	31398961	31524280	0.42	cps
Lithium	6-1	3794342	3808764	3780505	3794537	0.37	cps
Magnesium	24-2	8569268	8478032	8204274	8417192	2.26	cps
Manganese	55-2	3466496	3485653	3341843	3431331	2.28	cps
Molybdenum	94-1	2233481	2257044	2214281	2234936	0.96	cps
Molybdenum	95-1	3790075	3783878	3747375	3773776	0.61	cps
Molybdenum	96-1	4057923	4085413	4039547	4060961	0.57	cps
Molybdenum	97-1	2328650	2359812	2315669	2334710	0.97	cps
Molybdenum	98-1	5978930	6052507	6017201	6016212	0.61	cps
Neodymium	150-1	496619	499679	495846	497382	0.41	cps
Neodymium	150-2	241372	244224	235615	240404	1.82	cps
Nickel	60-2	3300278	3298248	3168687	3255738	2.32	cps
Phosphorus	31-2	66406	64113	61560	64026	3.79	cps
Potassium	39-2	6628178	6528796	6438162	6531712	1.46	cps
Rhodium	103-1	6744317	6882720	6851814	6826284	1.06	cps
Rhodium	103-2	4140059	4178998	4129205	4149421	0.63	cps
Scandium	45-1	5402318	5438694	5317624	5386212	1.15	cps
Scandium	45-2	449167	447495	445254	447305	0.44	cps
Selenium	82-1	111499	110885	110055	110813	0.65	cps
Selenium	77-2	9667	9937	9457	9687	2.49	cps
Selenium	78-2	30259	29647	29209	29705	1.78	cps
Silicon	28-1	12830085	13383291	13016400	13076592	2.15	cps
Silver	109-1	2223755	2235315	2208683	2222584	0.60	cps
Silver	107-1	2311692	2330000	2339738	2327143	0.61	cps
Sodium	23-2	12884403	12909151	12465632	12753062	1.95	cps
Strontium	86-1	2813515	2769516	2759527	2780853	1.03	cps
Strontium	88-1	24835753	24648968	24519858	24668193	0.64	cps
Sulfur	34-1	507027	496015	493223	498755	1.46	cps
Terbium	159-1	10015276	9867032	9969085	9950464	0.76	cps
Terbium	159-2	5486416	5517788	5448002	5484069	0.64	cps
Thallium	203-1	17670493	17908400	17641310	17740068	0.83	cps
Thallium	205-1	41844121	42600734	41988728	42144528	0.95	cps
Thorium	232-1	2230045	2217666	2214757	2220823	0.37	cps
Tin	118-1	5209364	5247093	5211319	5222592	0.41	cps
Titanium	47-1	3463863	3454275	3397966	3438701	1.04	cps
Uranium	238-1	14271300	14344441	14139952	14251898	0.73	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	L4548-11	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 18:22:49	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	7262934	7203359	7005085	7157126	1.89	cps
Yttrium	89-1	14367474	14396084	14188967	14317509	0.78	cps
Yttrium	89-2	3221285	3209749	3180686	3203907	0.65	cps
Zinc	66-2	2487224	2468406	2400799	2452143	1.85	cps
Zirconium	90-1	201737	212687	197462	203962	3.85	cps
Zirconium	91-1	47672	47195	45640	46835	2.27	cps

LB Number : LB112185 Operator : JASWAL
 Lab Sample ID : L4548-11RE Instrumnet Name : P7
 Client Sample ID : PT-MET-SOILRE Dilution Factor : 1
 Date & Time Acquired :: 2020-12-01 18:33:01 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11759470	11645699	11239835	11548335	2.37	cps
Antimony	121-1	6506123	6527515	6468677	6500772	0.46	cps
Arsenic	75-2	701296	692404	677350	690350	1.75	cps
Barium	135-1	9490053	9756489	9613917	9620153	1.39	cps
Barium	137-1	16906038	17167084	17115350	17062824	0.81	cps
Beryllium	9-1	746389	738733	737919	741014	0.63	cps
Bismuth	209-1	5921522	5927319	5897563	5915468	0.27	cps
Bismuth	209-2	3549699	3513636	3508459	3523932	0.64	cps
Boron	10-1	156962	156146	157488	156865	0.43	cps
Boron	11-1	782818	788486	780329	783878	0.53	cps
Bromine	81-1	8336	8086	8094	8172	1.74	cps
Bromine	81-2	1151	1291	1151	1198	6.75	cps
Cadmium	111-1	3270684	3225145	3223283	3239704	0.83	cps
Cadmium	106-1	292122	296960	292971	294017	0.88	cps
Cadmium	108-1	216094	215842	216369	216101	0.12	cps
Calcium	43-1	1222728	1214896	1193778	1210467	1.24	cps
Calcium	44-1	17726796	17621397	17520391	17622861	0.59	cps
Chromium	52-2	2283257	2248435	2176186	2235959	2.44	cps
Cobalt	59-2	7130852	6987996	6788749	6969199	2.47	cps
Copper	63-2	7779790	7715566	7554649	7683335	1.51	cps
Dysprosium	156-1	247424	246591	247834	247283	0.26	cps
Dysprosium	156-2	129247	129392	124360	127666	2.24	cps
Erbium	164-1	153966	155570	152417	153984	1.02	cps
Erbium	164-2	85025	83218	81679	83307	2.01	cps
Gadolinium	160-1	207544	208591	205360	207165	0.80	cps
Gadolinium	160-2	129804	128055	123319	127059	2.64	cps
Holmium	165-1	9726212	9870312	9779173	9791899	0.74	cps
Holmium	165-2	5300015	5243039	5284058	5275704	0.56	cps
Indium	115-1	7077756	7042446	6916281	7012161	1.21	cps
Indium	115-2	1866306	1858915	1844685	1856635	0.59	cps
Iron	54-2	31060711	30737766	29930458	30576311	1.90	cps
Iron	56-2	566401468	560081246	539257123	555246612	2.56	cps
Iron	57-2	14121019	13856453	13516658	13831377	2.19	cps
Krypton	83-1	787	770	807	788	2.33	cps
Lead	206-1	8320769	8311107	8317524	8316467	0.06	cps
Lead	207-1	6526224	6559789	6587654	6557889	0.47	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	L4548-11RE	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILRE	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 18:33:01	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	32518181	32787222	32547290	32617564	0.45	cps
Lithium	6-1	3475940	3489326	3461670	3475645	0.40	cps
Magnesium	24-2	7645580	7671007	7425686	7580758	1.78	cps
Manganese	55-2	3174513	3126102	3034276	3111630	2.29	cps
Molybdenum	94-1	2167508	2177053	2147065	2163875	0.71	cps
Molybdenum	95-1	3676310	3664039	3647749	3662699	0.39	cps
Molybdenum	96-1	3952671	3944479	3915598	3937583	0.49	cps
Molybdenum	97-1	2266795	2276164	2230834	2257931	1.06	cps
Molybdenum	98-1	5851821	5884903	5800476	5845734	0.73	cps
Neodymium	150-1	492083	493704	495659	493815	0.36	cps
Neodymium	150-2	237832	234954	228811	233866	1.97	cps
Nickel	60-2	3101286	3047308	2969259	3039284	2.18	cps
Phosphorus	31-2	56867	55010	54792	55556	2.05	cps
Potassium	39-2	5805555	5729146	5653211	5729304	1.33	cps
Rhodium	103-1	6616211	6652899	6620963	6630024	0.30	cps
Rhodium	103-2	4060355	4023898	4000185	4028146	0.75	cps
Scandium	45-1	5014025	5063100	5077537	5051554	0.66	cps
Scandium	45-2	405706	401642	400805	402718	0.65	cps
Selenium	82-1	106814	106746	105955	106505	0.45	cps
Selenium	77-2	8976	9143	8836	8985	1.71	cps
Selenium	78-2	27571	26981	26932	27161	1.31	cps
Silicon	28-1	11682969	12092888	11511177	11762344	2.54	cps
Silver	109-1	2191424	2162906	2159651	2171327	0.81	cps
Silver	107-1	2270024	2273835	2271491	2271783	0.08	cps
Sodium	23-2	11553993	11464275	11327767	11448678	1.00	cps
Strontium	86-1	2695541	2684081	2661158	2680260	0.65	cps
Strontium	88-1	23869614	23414349	23558824	23614263	0.99	cps
Sulfur	34-1	445188	438055	435859	439701	1.11	cps
Terbium	159-1	10080357	10010341	9969723	10020141	0.56	cps
Terbium	159-2	5471738	5419349	5369025	5420037	0.95	cps
Thallium	203-1	18318592	18555576	18247451	18373873	0.88	cps
Thallium	205-1	43342135	44430640	44199996	43990924	1.30	cps
Thorium	232-1	2308909	2342631	2333993	2328511	0.75	cps
Tin	118-1	5141950	5146434	5107406	5131930	0.42	cps
Titanium	47-1	3226872	3230962	3185347	3214393	0.79	cps
Uranium	238-1	15060938	15018698	14900896	14993511	0.55	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	L4548-11RE	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILRE	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 18:33:01	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	6686915	6630314	6380483	6565904	2.48	cps
Yttrium	89-1	13980872	13941242	13746058	13889391	0.91	cps
Yttrium	89-2	3007008	2973946	2975264	2985406	0.63	cps
Zinc	66-2	2330599	2304089	2248021	2294236	1.84	cps
Zirconium	90-1	191065	202721	191460	195082	3.39	cps
Zirconium	91-1	45364	45673	43945	44994	2.05	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	L4548-11RE2	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILRE	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 18:47:13	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10085252	9852626	9908298	9948725	1.22	cps
Antimony	121-1	8196436	8080611	8188106	8155051	0.79	cps
Arsenic	75-2	673252	669781	671017	671350	0.26	cps
Barium	135-1	9331424	9245343	9342949	9306572	0.57	cps
Barium	137-1	16396376	16460031	16324210	16393539	0.41	cps
Beryllium	9-1	735672	737721	741775	738389	0.42	cps
Bismuth	209-1	5900927	5911634	5902013	5904858	0.10	cps
Bismuth	209-2	3395012	3379680	3405639	3393444	0.38	cps
Boron	10-1	173474	177190	177359	176008	1.25	cps
Boron	11-1	852539	869027	867961	863176	1.07	cps
Bromine	81-1	10521	10671	11171	10788	3.16	cps
Bromine	81-2	1672	1331	1382	1462	12.57	cps
Cadmium	111-1	3196586	3184064	3180187	3186946	0.27	cps
Cadmium	106-1	290875	289411	287649	289312	0.56	cps
Cadmium	108-1	210775	210670	211701	211049	0.27	cps
Calcium	43-1	1161121	1157482	1147740	1155448	0.60	cps
Calcium	44-1	16933774	17031001	16880940	16948572	0.45	cps
Chromium	52-2	2169912	2167545	2170988	2169482	0.08	cps
Cobalt	59-2	6846287	6816516	6760379	6807728	0.64	cps
Copper	63-2	7524138	7366303	7411943	7434128	1.09	cps
Dysprosium	156-1	253895	256153	254581	254876	0.45	cps
Dysprosium	156-2	132753	132276	131488	132173	0.48	cps
Erbium	164-1	163149	163376	165249	163924	0.70	cps
Erbium	164-2	88718	87830	87508	88019	0.71	cps
Gadolinium	160-1	222539	222255	220086	221627	0.61	cps
Gadolinium	160-2	135626	133455	134506	134529	0.81	cps
Holmium	165-1	9600700	9541247	9367708	9503218	1.27	cps
Holmium	165-2	5092639	5023430	5030636	5048902	0.75	cps
Indium	115-1	6556237	6600918	6560232	6572462	0.38	cps
Indium	115-2	1685695	1681836	1682655	1683395	0.12	cps
Iron	54-2	30278422	30101394	29899438	30093085	0.63	cps
Iron	56-2	551119801	544754957	549619490	548498083	0.61	cps
Iron	57-2	13750912	13516457	13609034	13625467	0.87	cps
Krypton	83-1	787	690	760	746	6.70	cps
Lead	206-1	8818044	8791996	8723192	8777744	0.56	cps
Lead	207-1	7656841	7671546	7630072	7652820	0.27	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	L4548-11RE2	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILRE	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 18:47:13	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	35116630	34920134	35042358	35026374	0.28	cps
Lithium	6-1	3240016	3260214	3247930	3249386	0.31	cps
Magnesium	24-2	6921973	6817077	6821497	6853516	0.87	cps
Manganese	55-2	2939103	2908180	2913861	2920381	0.56	cps
Molybdenum	94-1	2192412	2200808	2173318	2188846	0.64	cps
Molybdenum	95-1	3668294	3650038	3640583	3652972	0.39	cps
Molybdenum	96-1	3960011	3938942	3919968	3939640	0.51	cps
Molybdenum	97-1	2279395	2261369	2264233	2268332	0.43	cps
Molybdenum	98-1	5867116	5816431	5850031	5844526	0.44	cps
Neodymium	150-1	496264	498346	495221	496610	0.32	cps
Neodymium	150-2	234066	234086	232895	233682	0.29	cps
Nickel	60-2	2942823	2918491	2932809	2931374	0.42	cps
Phosphorus	31-2	53772	52894	52819	53162	1.00	cps
Potassium	39-2	4957197	4847320	4903541	4902686	1.12	cps
Rhodium	103-1	6312912	6317035	6274577	6301508	0.37	cps
Rhodium	103-2	3750070	3755157	3764866	3756697	0.20	cps
Scandium	45-1	4603690	4577335	4532593	4571206	0.79	cps
Scandium	45-2	357326	356104	356961	356797	0.18	cps
Selenium	82-1	105140	105719	105089	105316	0.33	cps
Selenium	77-2	8583	8369	8436	8463	1.29	cps
Selenium	78-2	26136	25637	25526	25767	1.26	cps
Silicon	28-1	57112772	56456068	56046760	56538533	0.95	cps
Silver	109-1	2213681	2195759	2186358	2198599	0.63	cps
Silver	107-1	2304525	2300942	2293165	2299544	0.25	cps
Sodium	23-2	10872163	10753333	10825014	10816836	0.55	cps
Strontium	86-1	2577209	2589857	2598199	2588421	0.41	cps
Strontium	88-1	23261846	22945439	23295317	23167534	0.83	cps
Sulfur	34-1	382540	383707	383249	383165	0.15	cps
Terbium	159-1	9797081	9947885	9697006	9813991	1.29	cps
Terbium	159-2	5190638	5157769	5175595	5174667	0.32	cps
Thallium	203-1	19379526	19204597	19396035	19326719	0.55	cps
Thallium	205-1	47025228	46405815	46332034	46587692	0.82	cps
Thorium	232-1	2436769	2432270	2448144	2439061	0.34	cps
Tin	118-1	5325331	5334623	5321719	5327225	0.12	cps
Titanium	47-1	2774085	2770989	2743899	2762991	0.60	cps
Uranium	238-1	15939341	16221346	16135746	16098811	0.90	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	L4548-11RE2	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILRE	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 18:47:13	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	6314124	6221565	6296230	6277306	0.78	cps
Yttrium	89-1	13218264	13153790	13373737	13248597	0.85	cps
Yttrium	89-2	2739636	2715732	2745177	2733515	0.57	cps
Zinc	66-2	2177952	2165960	2164771	2169561	0.34	cps
Zirconium	90-1	310256	306306	309455	308672	0.68	cps
Zirconium	91-1	72283	70682	68731	70565	2.52	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	CCV27	Instrumnet Name :	P7
Client Sample ID :	CCV27	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 19:02:12	DataFile Name :	036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4859361	4684199	4807264	4783608	1.88	cps
Antimony	121-1	3024657	3016008	3007072	3015912	0.29	cps
Arsenic	75-2	158723	157636	158077	158145	0.35	cps
Barium	135-1	3332102	3362393	3377759	3357418	0.69	cps
Barium	137-1	5790206	5889966	5939324	5873165	1.29	cps
Beryllium	9-1	769068	772479	782314	774620	0.89	cps
Bismuth	209-1	6041649	6077793	6025700	6048381	0.44	cps
Bismuth	209-2	3614178	3571586	3580812	3588859	0.62	cps
Boron	10-1	94351	96213	97353	95972	1.58	cps
Boron	11-1	457876	455290	465877	459681	1.20	cps
Bromine	81-1	3425	3342	3450	3406	1.67	cps
Bromine	81-2	70	60	70	67	8.66	cps
Cadmium	111-1	725103	734598	730909	730203	0.66	cps
Cadmium	106-1	80963	79849	81290	80701	0.94	cps
Cadmium	108-1	52601	53877	55567	54015	2.75	cps
Calcium	43-1	4335677	4318241	4358019	4337312	0.46	cps
Calcium	44-1	65273752	65231066	65503993	65336270	0.22	cps
Chromium	52-2	1350476	1331941	1311932	1331450	1.45	cps
Cobalt	59-2	1981273	1989314	1946434	1972340	1.16	cps
Copper	63-2	14452476	14323451	14042001	14272643	1.47	cps
Dysprosium	156-1	258	258	242	253	3.81	cps
Dysprosium	156-2	183	210	163	186	12.62	cps
Erbium	164-1	117	42	83	81	46.64	cps
Erbium	164-2	57	43	30	43	30.77	cps
Gadolinium	160-1	267	342	367	325	16.01	cps
Gadolinium	160-2	233	257	183	224	16.69	cps
Holmium	165-1	10052225	10154536	10210257	10139006	0.79	cps
Holmium	165-2	5370990	5177870	5300993	5283285	1.85	cps
Indium	115-1	7026655	6985096	7065155	7025635	0.57	cps
Indium	115-2	1826337	1737404	1820940	1794894	2.78	cps
Iron	54-2	14733508	14601342	14407045	14580632	1.13	cps
Iron	56-2	267810773	265988989	261171050	264990271	1.29	cps
Iron	57-2	6626696	6581531	6514612	6574280	0.86	cps
Krypton	83-1	697	617	763	692	10.61	cps
Lead	206-1	13336593	13333766	13541727	13404028	0.89	cps
Lead	207-1	12171175	12106430	12140222	12139276	0.27	cps

LB Number : LB112185 Operator : JASWAL
 Lab Sample ID : CCV27 Instrumnet Name : P7
 Client Sample ID : CCV27 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-01 19:02:12 DataFile Name : 036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	54484651	54199707	54524004	54402788	0.33	cps
Lithium	6-1	2092680	2092190	2109338	2098069	0.47	cps
Magnesium	24-2	53416832	51927591	52793637	52712687	1.42	cps
Manganese	55-2	8130262	8130222	7946845	8069110	1.31	cps
Molybdenum	94-1	6120449	5999595	6056199	6058748	1.00	cps
Molybdenum	95-1	7436627	7418495	7388176	7414433	0.33	cps
Molybdenum	96-1	8214239	8199537	8253781	8222519	0.34	cps
Molybdenum	97-1	4545416	4548545	4581810	4558590	0.44	cps
Molybdenum	98-1	11803251	11795094	11839554	11812633	0.20	cps
Neodymium	150-1	180	187	173	180	3.70	cps
Neodymium	150-2	43	30	63	46	36.83	cps
Nickel	60-2	532335	532374	520523	528411	1.29	cps
Phosphorus	31-2	64699	63443	64656	64266	1.11	cps
Potassium	39-2	26436126	25477005	26024536	25979222	1.85	cps
Rhodium	103-1	6691932	6646601	6675761	6671432	0.34	cps
Rhodium	103-2	3795300	3585507	3758739	3713182	3.02	cps
Scandium	45-1	4877209	4828952	4860311	4855491	0.50	cps
Scandium	45-2	354471	344353	350490	349771	1.46	cps
Selenium	82-1	45574	45779	45501	45618	0.32	cps
Selenium	77-2	3477	3417	3430	3442	0.92	cps
Selenium	78-2	11158	11175	11484	11272	1.63	cps
Silicon	28-1	3371680	3448509	3511721	3443970	2.04	cps
Silver	109-1	3340768	3324661	3320300	3328577	0.32	cps
Silver	107-1	3477545	3493818	3504078	3491814	0.38	cps
Sodium	23-2	87155189	84247921	86128821	85843977	1.72	cps
Strontium	86-1	898815	897055	909376	901749	0.74	cps
Strontium	88-1	8033900	7988315	8025577	8015931	0.30	cps
Sulfur	34-1	764758	765328	765964	765350	0.08	cps
Terbium	159-1	10098965	10306301	10297607	10234291	1.15	cps
Terbium	159-2	5462293	5260644	5400668	5374535	1.92	cps
Thallium	203-1	2782128	2821691	2806933	2803584	0.71	cps
Thallium	205-1	7254310	7339037	7446844	7346730	1.31	cps
Thorium	232-1	12060799	12165284	12001613	12075899	0.69	cps
Tin	118-1	2200947	2213047	2204225	2206073	0.28	cps
Titanium	47-1	2129018	2115002	2152324	2132115	0.88	cps
Uranium	238-1	10671047	10699428	10649345	10673273	0.24	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	CCV27	Instrumnet Name :	P7
Client Sample ID :	CCV27	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 19:02:12	DataFile Name :	036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1111698	1055425	1084414	1083845	2.60	cps
Yttrium	89-1	12127432	12116722	12237161	12160438	0.55	cps
Yttrium	89-2	2518051	2446764	2507103	2490639	1.54	cps
Zinc	66-2	2310904	2291856	2274105	2292288	0.80	cps
Zirconium	90-1	4929531	4931420	4898431	4919794	0.38	cps
Zirconium	91-1	1114977	1107318	1109127	1110474	0.36	cps

LB Number : LB112185 Operator : JASWAL
 Lab Sample ID : CCB27 Instrumnet Name : P7
 Client Sample ID : CCB27 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-01 19:16:42 DataFile Name : 038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	267	225	275	256	10.48	cps
Antimony	121-1	417	375	375	389	6.19	cps
Arsenic	75-2	13	31	19	21	45.28	cps
Barium	135-1	100	108	67	92	24.05	cps
Barium	137-1	100	158	158	139	24.25	cps
Beryllium	9-1	167	144	139	150	9.80	cps
Bismuth	209-1	6190051	6136239	6195863	6174051	0.53	cps
Bismuth	209-2	3745500	3650870	3741503	3712624	1.44	cps
Boron	10-1	1708	1608	1550	1622	4.94	cps
Boron	11-1	8094	8144	8269	8169	1.10	cps
Bromine	81-1	3042	3259	3467	3256	6.53	cps
Bromine	81-2	80	30	60	57	44.41	cps
Cadmium	111-1	2477	2620	2925	2674	8.55	cps
Cadmium	106-1	3476	3684	4101	3753	8.48	cps
Cadmium	108-1	8	0	0	3	173.21	cps
Calcium	43-1	275	267	258	267	3.13	cps
Calcium	44-1	19530	19447	19883	19620	1.18	cps
Chromium	52-2	913	937	907	919	1.71	cps
Cobalt	59-2	123	110	110	114	6.73	cps
Copper	63-2	2484	2470	2327	2427	3.58	cps
Dysprosium	156-1	25	33	17	25	33.32	cps
Dysprosium	156-2	13	7	7	9	43.25	cps
Erbium	164-1	25	42	33	33	25.01	cps
Erbium	164-2	17	33	30	27	33.06	cps
Gadolinium	160-1	58	42	92	64	39.85	cps
Gadolinium	160-2	57	107	57	73	39.36	cps
Holmium	165-1	9835822	9734928	9814744	9795165	0.54	cps
Holmium	165-2	5217041	5167848	5222538	5202475	0.58	cps
Indium	115-1	7118111	7130762	7126040	7124971	0.09	cps
Indium	115-2	1838971	1827980	1833808	1833586	0.30	cps
Iron	54-2	1311	1522	1351	1395	8.00	cps
Iron	56-2	11077	11594	11549	11406	2.51	cps
Iron	57-2	367	439	361	389	11.16	cps
Krypton	83-1	527	607	587	573	7.26	cps
Lead	206-1	2584	2400	2334	2439	5.31	cps
Lead	207-1	2184	2278	2372	2278	4.15	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	CCB27	Instrumnet Name :	P7
Client Sample ID :	CCB27	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 19:16:42	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	10157	9779	10141	10026	2.13	cps
Lithium	6-1	2217270	2199288	2226486	2214348	0.62	cps
Magnesium	24-2	1342	1367	1467	1392	4.75	cps
Manganese	55-2	290	223	267	260	13.01	cps
Molybdenum	94-1	258	342	458	353	28.48	cps
Molybdenum	95-1	183	200	250	211	16.43	cps
Molybdenum	96-1	375	283	342	333	13.92	cps
Molybdenum	97-1	92	108	133	111	18.88	cps
Molybdenum	98-1	267	342	433	347	24.04	cps
Neodymium	150-1	7	0	27	11	124.89	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	53	37	80	57	38.57	cps
Phosphorus	31-2	208	258	267	244	12.91	cps
Potassium	39-2	70518	69789	69831	70046	0.58	cps
Rhodium	103-1	6899256	6994982	6982423	6958887	0.75	cps
Rhodium	103-2	3936118	3865090	3879871	3893693	0.96	cps
Scandium	45-1	4811130	4778825	4828692	4806216	0.53	cps
Scandium	45-2	340254	338441	344807	341167	0.96	cps
Selenium	82-1	110	33	41	61	69.78	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	72	120	96	96	25.00	cps
Silicon	28-1	379819	377003	373978	376933	0.78	cps
Silver	109-1	192	233	183	203	13.21	cps
Silver	107-1	242	317	325	294	15.59	cps
Sodium	23-2	34064	35400	34206	34557	2.12	cps
Strontium	86-1	1167	842	1050	1020	16.15	cps
Strontium	88-1	183	258	358	267	32.92	cps
Sulfur	34-1	526303	528389	538254	530982	1.20	cps
Terbium	159-1	9996593	9952298	9956560	9968484	0.25	cps
Terbium	159-2	5307864	5289412	5342569	5313282	0.51	cps
Thallium	203-1	608	642	717	656	8.46	cps
Thallium	205-1	1692	1650	1709	1683	1.79	cps
Thorium	232-1	1795	1839	2195	1943	11.29	cps
Tin	118-1	625	633	742	667	9.76	cps
Titanium	47-1	200	192	192	194	2.48	cps
Uranium	238-1	51	123	125	99	42.57	cps

LB Number :	LB112185	Operator :	JASWAL
Lab Sample ID :	CCB27	Instrumnet Name :	P7
Client Sample ID :	CCB27	Dilution Factor :	1
Date & Time Acquired ::	2020-12-01 19:16:42	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	23	30	33	29	17.63	cps
Yttrium	89-1	11968260	11828210	11938036	11911502	0.62	cps
Yttrium	89-2	2470824	2438634	2461362	2456940	0.67	cps
Zinc	66-2	383	303	397	361	13.98	cps
Zirconium	90-1	533	683	750	656	16.93	cps
Zirconium	91-1	175	100	100	125	34.64	cps