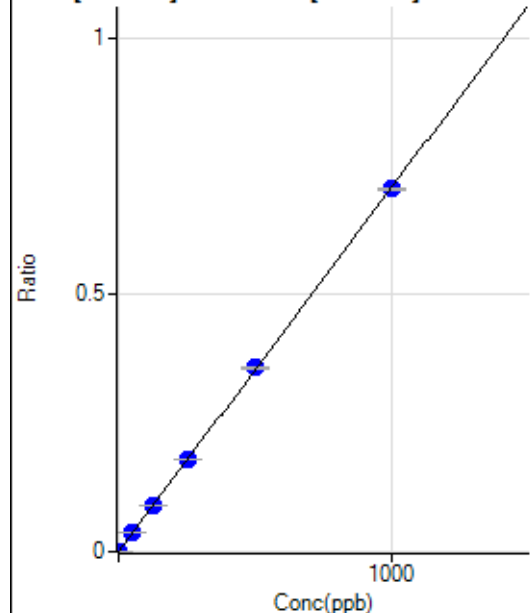


Batch Folder: C:\Agilent\ICPMH\1\DATA\P7103020MS2.b\
Analysis File: P7103020MS2.batch.bin
DA Date-Time: 2020-10-30 18:14:57
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2020-10-30 17:01:23
2	004CALS.d	S02	2020-10-30 17:04:52
3	005CALS.d	S03	2020-10-30 17:08:22
4	006CALS.d	S04	2020-10-30 17:11:52
5	007CALS.d	S05	2020-10-30 17:15:19
6	008CALS.d	S06	2020-10-30 17:18:43
7	009CALS.d	S07	2020-10-30 17:22:02
8	010CALS.d	S08	2020-10-30 17:25:19

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	46.29	0.0000	P	48.8
2	☐	1.000	0.956	1613.08	0.0007	P	7.3
3	☐	50.000	51.196	83319.63	0.0363	P	1.9
4	☐	125.000	127.612	206570.19	0.0904	P	0.8
5	☐	250.000	251.916	406221.01	0.1784	P	0.3
6	☐	500.000	505.040	800863.88	0.3576	P	0.4
7	☐	1000.000	996.615	1543474.67	0.7057	P	0.2
8	☐			200.01	0.0001	P	41.0

$$y = 7.0810E-004 * x + 1.9913E-005$$

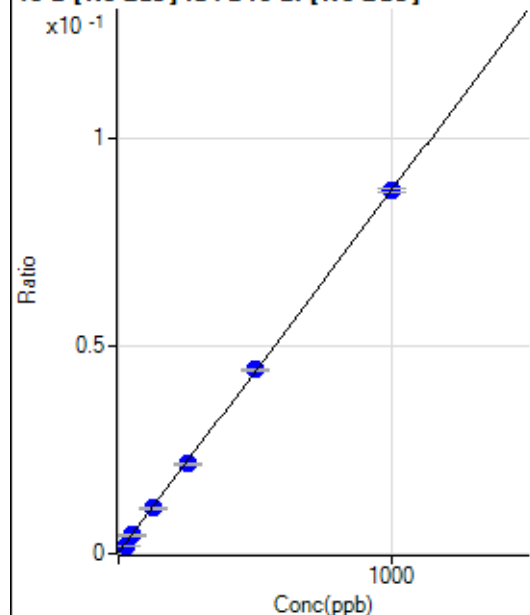
$$R = 1.0000$$

$$DL = 0.04114$$

$$BEC = 0.02812$$

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	561.14	0.0002	P	21.4
2	☐	25.000	20.453	4681.38	0.0020	P	2.8
3	☐	50.000	47.762	10106.36	0.0044	P	3.2
4	☐	125.000	123.033	25023.90	0.0109	P	4.4
5	☐	250.000	245.336	49171.76	0.0216	P	1.6
6	☐	500.000	505.971	99150.76	0.0443	P	1.1
7	☐	1000.000	998.652	190625.24	0.0872	P	1.1
8	☐			10145.30	0.0048	P	8.5

$$y = 8.7034E-005 * x + 2.4116E-004$$

$$R = 1.0000$$

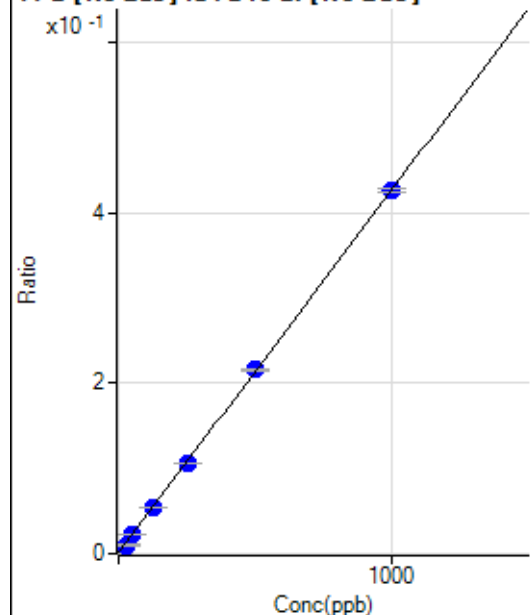
$$DL = 1.777$$

$$BEC = 2.771$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2728.10	0.0012	P	11.6
2	☐	25.000	20.968	23371.27	0.0101	P	4.2
3	☐	50.000	49.369	50927.81	0.0222	P	2.3
4	☐	125.000	123.060	122281.94	0.0535	P	1.0
5	☐	250.000	247.333	242157.89	0.1063	P	0.4
6	☐	500.000	505.593	484063.96	0.2162	P	1.1
7	☐	1000.000	998.245	930986.88	0.4257	P	1.2
8	☐			49651.28	0.0237	P	4.6

$$y = 4.2524\text{E-}004 * x + 0.0012$$

$$R = 1.0000$$

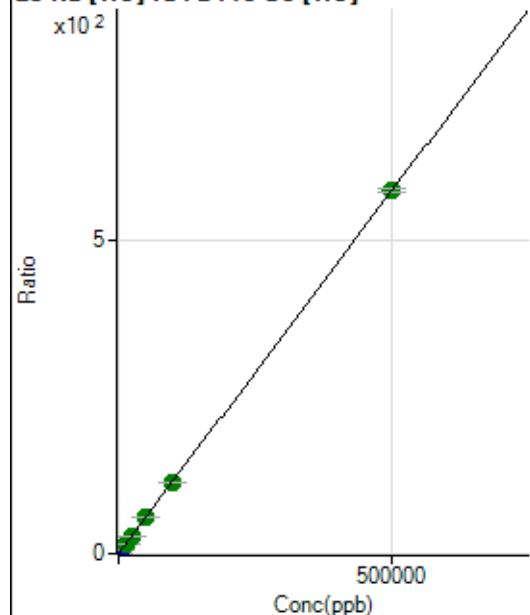
$$DL = 0.956$$

$$BEC = 2.758$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	29802.32	0.0767	P	0.4
2	☐	500.000	469.263	243274.34	0.6180	P	1.8
3	☐	5000.000	5235.028	2455002.07	6.1150	P	1.1
4	☐	12500.000	12520.315	5693823.09	14.5180	A	0.6
5	☐	25000.000	24925.128	11077811.01	28.8261	A	0.3
6	☐	50000.000	50258.888	22442815.26	58.0468	A	0.9
7	☐	100000.00	97884.728	44913295.45	112.9797	A	1.0
8	☐	500000.00	500398.08	229625463.4	577.2500	A	0.9

$$y = 0.0012 * x + 0.0767$$

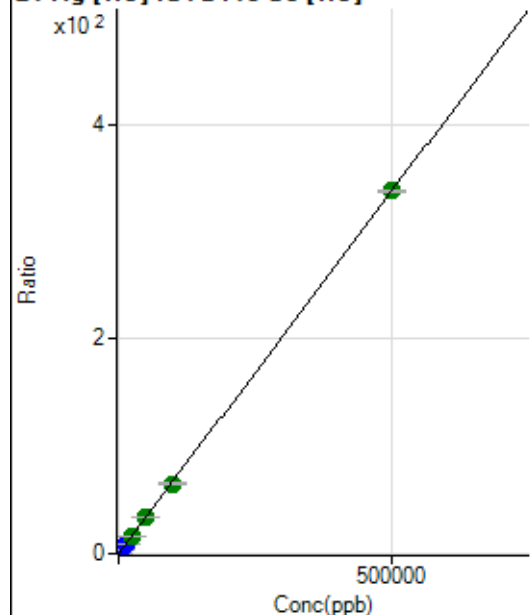
$$R = 1.0000$$

$$DL = 0.7438$$

$$BEC = 66.53$$

Weight: <None>

Min Conc: 0

24 Mg [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1111.18	0.0029	P	6.4
2	☐	500.000	446.991	120032.57	0.3049	P	4.2
3	☐	5000.000	5125.783	1391677.91	3.4664	P	2.1
4	☐	12500.000	12874.943	3413030.20	8.7026	P	0.3
5	☐	25000.000	24763.221	6431444.37	16.7357	A	0.8
6	☐	50000.000	49698.795	12985190.48	33.5851	A	0.4
7	☐	100000.00	96731.631	25985764.82	65.3658	A	0.3
8	☐	500000.00	500685.05	134580983.5	338.3229	A	0.5

$$y = 6.7571\text{E-}004 * x + 0.0029$$

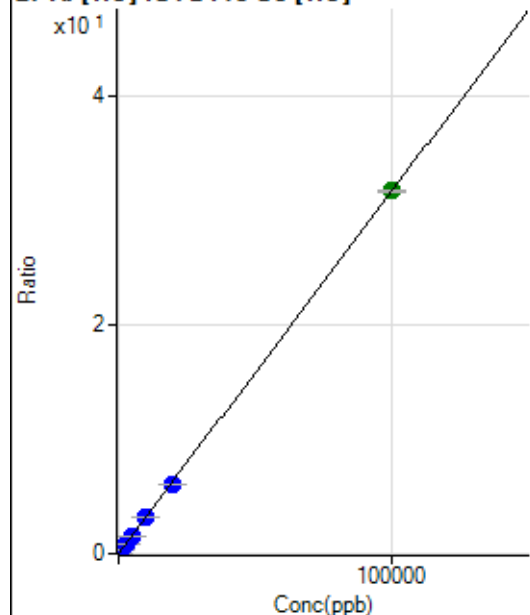
$$R = 1.0000$$

$$DL = 0.8075$$

$$BEC = 4.235$$

Weight: <None>

Min Conc: 0

27 Al [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	163.90	0.0004	P	36.0
2	☐	20.000	18.445	2464.15	0.0063	P	3.1
3	☐	1000.000	980.772	124805.38	0.3109	P	2.2
4	☐	2500.000	2491.460	309460.71	0.7890	P	1.0
5	☐	5000.000	4933.456	600276.51	1.5620	P	0.8
6	☐	10000.000	9890.345	1210564.38	3.1310	P	0.4
7	☐	20000.000	19199.112	2416009.10	6.0775	P	1.1
8	☐	100000.00	100174.87	12613364.43	31.7089	A	0.7

$$y = 3.1653\text{E-}004 * x + 4.2235\text{E-}004$$

$$R = 1.0000$$

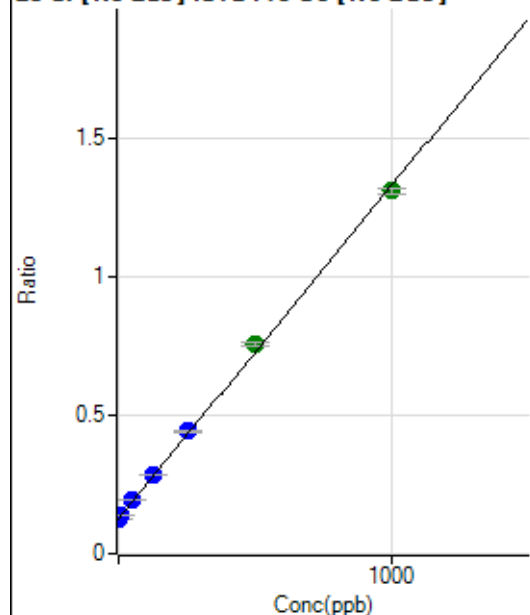
$$DL = 1.441$$

$$BEC = 1.334$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	805264.11	0.1264	P	1.4
2	☐	10.000	10.289	883736.99	0.1388	P	1.2
3	☐	50.000	56.467	1246426.30	0.1942	P	1.3
4	☐	125.000	132.302	1824144.31	0.2853	P	1.4
5	☐	250.000	262.916	2819148.48	0.4422	P	1.3
6	☐	500.000	523.227	4736940.12	0.7548	A	1.8
7	☐	1000.000	983.919	8344841.77	1.3081	A	1.8
8	☐			1509317.37	0.2431	P	1.6

$$y = 0.0012 * x + 0.1264$$

$$R = 0.9995$$

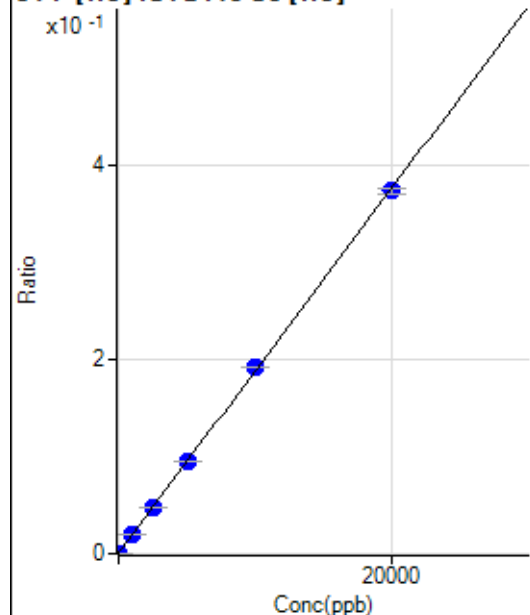
$$DL = 4.447$$

$$BEC = 105.3$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-5.883	169.45	0.0004	P	20.0
2	☐	0.000	5.883	258.34	0.0007	P	47.0
3	☐	1000.000	1013.360	7857.82	0.0196	P	1.2
4	☐	2500.000	2530.766	18848.44	0.0481	P	1.0
5	☐	5000.000	5052.214	36662.24	0.0954	P	1.0
6	☐	10000.000	10225.018	74435.37	0.1925	P	0.0
7	☐	20000.000	19869.924	148515.69	0.3736	P	1.7
8	☐			213.90	0.0005	P	43.2

$$y = 1.8775E-005 * x + 5.4683E-004$$

$$R = 0.9999$$

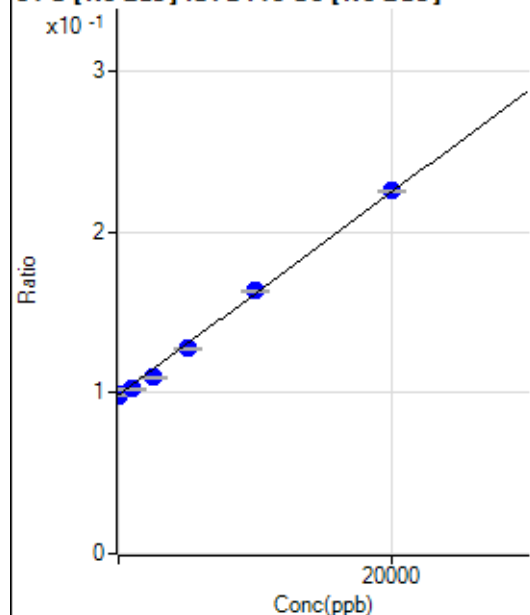
$$DL = 31.63$$

$$BEC = 29.13$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	63.143	631193.80	0.0991	P	1.5
2	☐	0.000	-63.143	625957.09	0.0983	P	1.4
3	☐	1000.000	629.324	658726.57	0.1027	P	1.1
4	☐	2500.000	1698.896	699337.46	0.1094	P	0.9
5	☐	5000.000	4599.669	813870.97	0.1277	P	1.1
6	☐	10000.000	10226.152	1023603.15	0.1631	P	0.9
7	☐	20000.000	20105.679	1437389.92	0.2253	P	0.8
8	☐			552697.31	0.0890	P	0.8

$$y = 6.2981\text{E-}006 * x + 0.0987$$

R = 0.9990

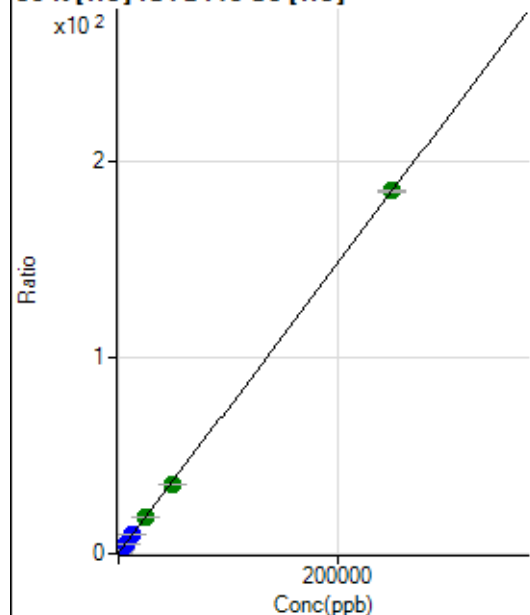
DL = 688.7

BEC = 1.567E+04

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	71218.25	0.1834	P	1.1
2	☐	500.000	449.340	202645.41	0.5148	P	0.8
3	☐	2500.000	2564.894	833126.61	2.0752	P	0.7
4	☐	6250.000	6480.722	1946537.00	4.9633	P	0.6
5	☐	12500.000	12804.322	3699781.81	9.6274	P	0.3
6	☐	25000.000	24511.088	7060643.91	18.2619	A	0.9
7	☐	50000.000	47749.520	14073416.98	35.4017	A	0.8
8	☐	250000.00	250477.45	73564282.20	184.9265	A	0.4

$$y = 7.3756\text{E-}004 * x + 0.1834$$

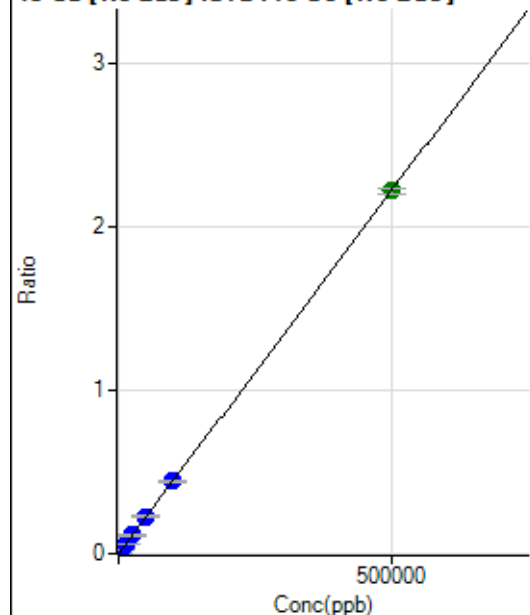
R = 0.9999

DL = 8.343

BEC = 248.6

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	383.35	0.0001	P	15.8
2	☐	500.000	438.251	12755.83	0.0020	P	2.8
3	☐	5000.000	5133.539	146433.16	0.0228	P	1.1
4	☐	12500.000	12727.757	361133.20	0.0565	P	0.9
5	☐	25000.000	25179.094	712103.03	0.1117	P	0.3
6	☐	50000.000	51464.699	1432398.12	0.2282	P	0.8
7	☐	100000.00	99800.770	2823038.47	0.4425	P	1.1
8	☐	500000.00	499877.45	13759965.76	2.2163	A	1.5

$$y = 4.4335E-006 * x + 6.0215E-005$$

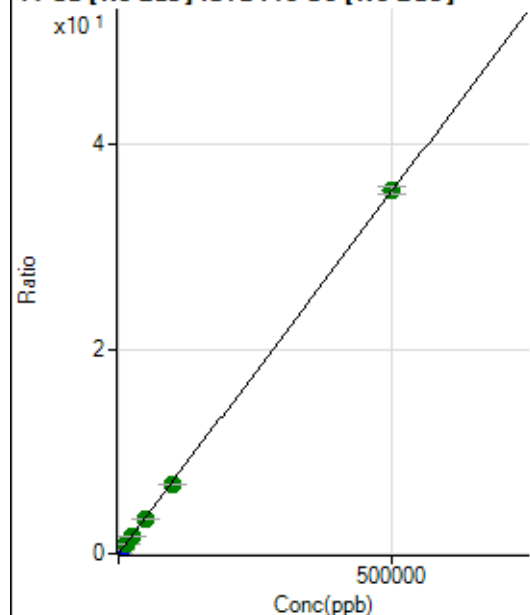
$$R = 1.0000$$

$$DL = 6.448$$

$$BEC = 13.58$$

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	19749.61	0.0031	P	1.3
2	☐	500.000	445.312	220387.31	0.0346	P	1.3
3	☐	5000.000	5139.511	2353246.93	0.3667	P	1.5
4	☐	12500.000	12198.355	5537802.25	0.8662	A	0.6
5	☐	25000.000	23974.563	10833928.80	1.6994	A	1.2
6	☐	50000.000	48805.698	21691812.81	3.4562	A	0.7
7	☐	100000.00	95583.716	43163175.62	6.7659	A	0.6
8	☐	500000.00	501060.16	220140941.0	35.4546	A	2.0

$$y = 7.0753E-005 * x + 0.0031$$

$$R = 1.0000$$

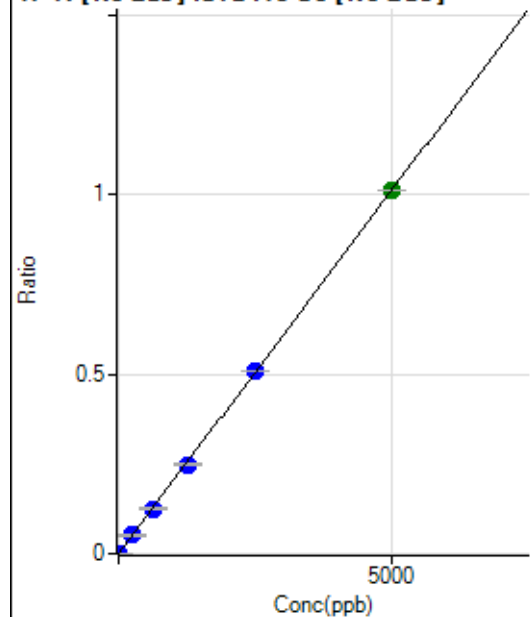
$$DL = 1.694$$

$$BEC = 43.81$$

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	152.78	0.0000	P	26.7
2	☐	5.000	4.442	5873.54	0.0009	P	3.6
3	☐	250.000	251.519	326626.28	0.0509	P	0.3
4	☐	625.000	621.789	804212.24	0.1258	P	1.0
5	☐	1250.000	1228.452	1584241.71	0.2485	P	1.1
6	☐	2500.000	2517.613	3196132.04	0.5093	P	0.7
7	☐	5000.000	4996.906	6447922.71	1.0107	A	0.2
8	☐			794.49	0.0001	P	3.9

$$y = 2.0227E-004 * x + 2.4026E-005$$

$$R = 1.0000$$

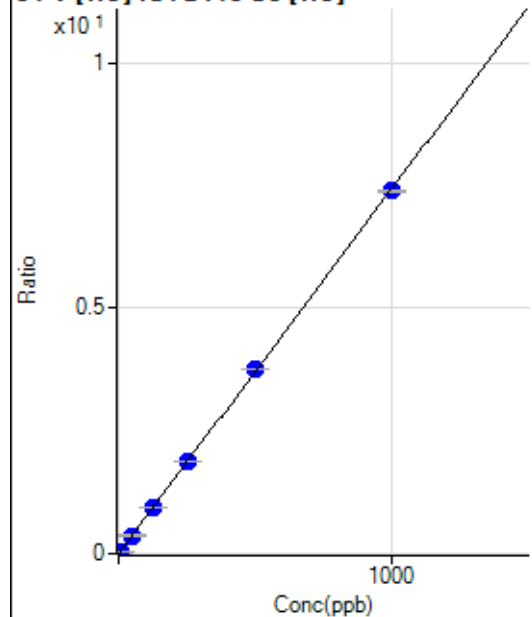
$$DL = 0.09517$$

$$BEC = 0.1188$$

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	21.11	0.0001	P	63.9
2	☐	5.000	4.387	12834.55	0.0326	P	4.3
3	☐	50.000	49.715	148115.48	0.3689	P	1.9
4	☐	125.000	126.273	367473.91	0.9370	P	0.6
5	☐	250.000	252.832	720948.31	1.8760	P	0.5
6	☐	500.000	507.454	1455795.32	3.7653	P	0.5
7	☐	1000.000	995.423	2936176.45	7.3859	P	0.7
8	☐			711.14	0.0018	P	5.7

$$y = 0.0074 * x + 5.4416E-005$$

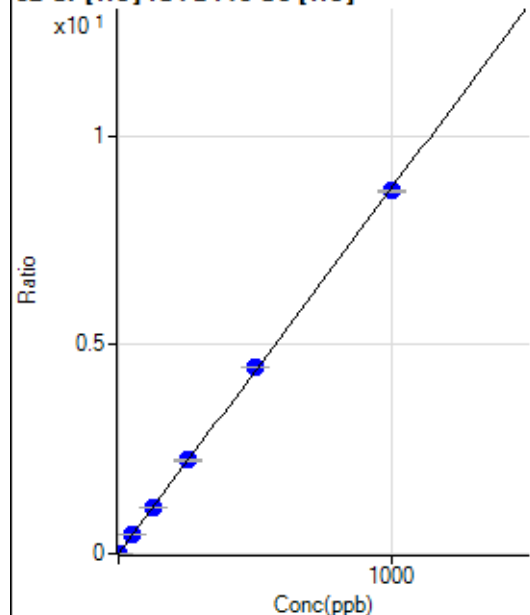
$$R = 1.0000$$

$$DL = 0.01405$$

$$BEC = 0.007334$$

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	1241.18	0.0032	P	3.9
2	☐	2.000	1.811	7486.42	0.0190	P	6.8
3	☐	50.000	50.388	177997.41	0.4434	P	1.5
4	☐	125.000	127.728	438844.81	1.1190	P	0.7
5	☐	250.000	255.586	859234.18	2.2359	P	0.5
6	☐	500.000	510.730	1726211.87	4.4647	P	0.2
7	☐	1000.000	992.879	3449264.26	8.6765	P	0.3
8	☐			13484.04	0.0339	P	2.2

$$y = 0.0087 * x + 0.0032$$

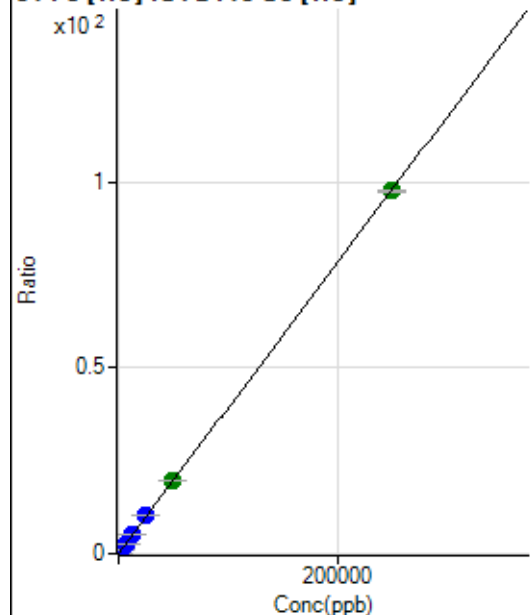
$$R = 0.9999$$

$$DL = 0.04257$$

$$BEC = 0.3659$$

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	1715.20	0.0044	P	7.0
2	☐	50.000	45.302	8704.90	0.0221	P	2.8
3	☐	2500.000	2665.099	419791.28	1.0456	P	2.0
4	☐	6250.000	6713.174	1030349.70	2.6271	P	0.8
5	☐	12500.000	13370.000	2009041.31	5.2279	P	0.4
6	☐	25000.000	26740.395	4040886.47	10.4514	P	0.5
7	☐	50000.000	50536.869	7850640.05	19.7483	A	0.8
8	☐	250000.00	249661.85	38802382.68	97.5431	A	0.2

$$y = 3.9068E-004 * x + 0.0044$$

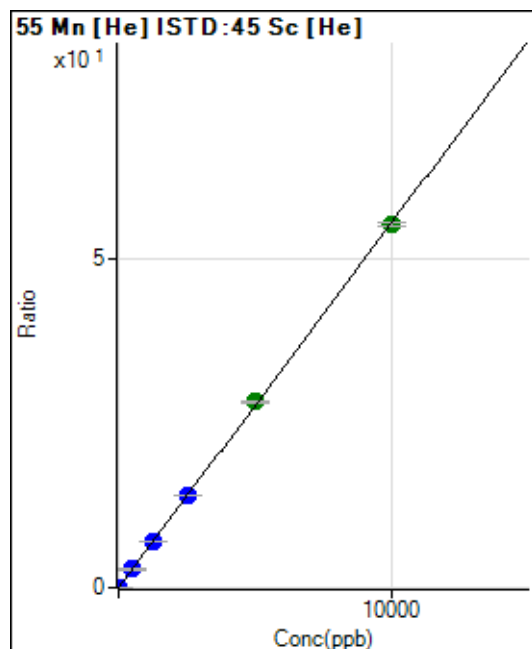
$$R = 1.0000$$

$$DL = 2.369$$

$$BEC = 11.31$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	241.12	0.0006	P	13.7
2	☐	1.000	0.824	2041.27	0.0052	P	6.4
3	☐	500.000	502.535	1118515.44	2.7860	P	1.6
4	☐	1250.000	1264.332	2748628.33	7.0084	P	0.9
5	☐	2500.000	2522.549	5373354.64	13.9824	P	0.5
6	☐	5000.000	5089.828	10907745.81	28.2120	A	0.5
7	☐	10000.000	9947.530	21918779.67	55.1368	A	1.2
8	☐			19197.06	0.0483	P	0.1

$$y = 0.0055 * x + 6.2081E-004$$

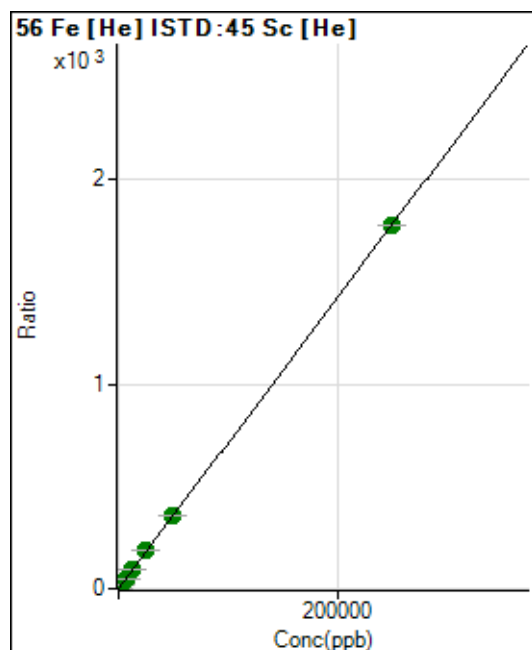
$$R = 0.9999$$

$$DL = 0.0461$$

$$BEC = 0.112$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13061.52	0.0336	P	2.4
2	☐	50.000	45.487	140349.78	0.3565	P	3.5
3	☐	2500.000	2543.213	7261240.56	18.0865	A	2.0
4	☐	6250.000	6463.821	18008198.55	45.9168	A	0.5
5	☐	12500.000	12847.980	35060990.37	91.2345	A	0.6
6	☐	25000.000	25872.976	71021927.05	183.6919	A	0.2
7	☐	50000.000	50732.113	143174805.9	360.1534	A	0.5
8	☐	250000.00	249743.10	705222978.7	1,772.824	A	0.2

$$y = 0.0071 * x + 0.0336$$

$$R = 1.0000$$

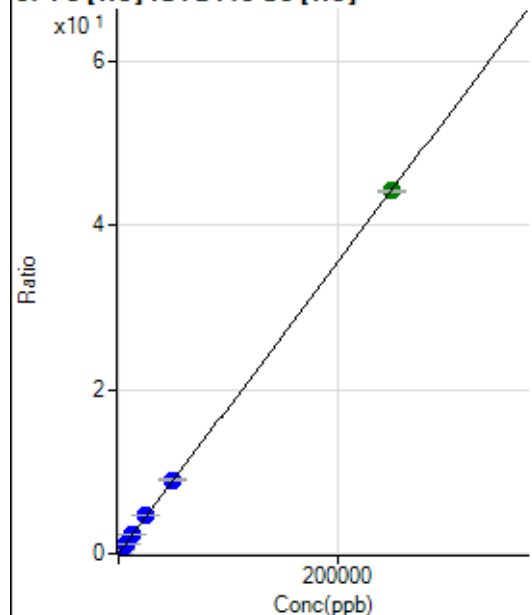
$$DL = 0.3421$$

$$BEC = 4.738$$

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	607.43	0.0016	P	9.5
2	☐	50.000	42.738	3598.66	0.0091	P	6.1
3	☐	2500.000	2616.338	186836.86	0.4654	P	2.1
4	☐	6250.000	6576.993	457888.56	1.1675	P	1.0
5	☐	12500.000	13137.627	895621.92	2.3306	P	0.6
6	☐	25000.000	26175.396	1794703.64	4.6418	P	0.4
7	☐	50000.000	50917.636	3588988.27	9.0281	P	0.6
8	☐	250000.00	249657.71	17606251.55	44.2600	A	0.2

$$y = 1.7728\text{E-}004 * x + 0.0016$$

$$R = 1.0000$$

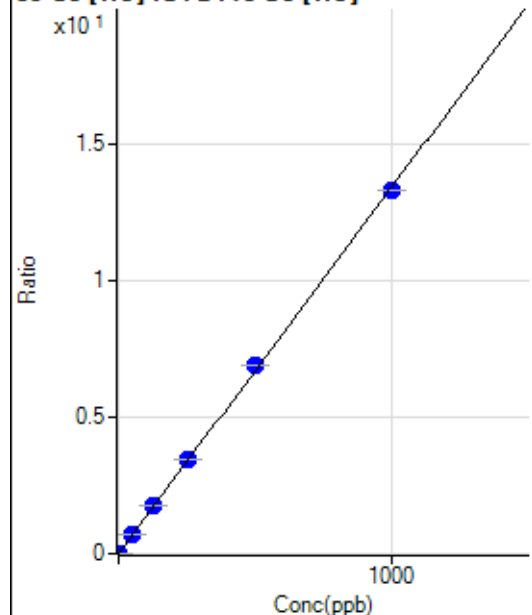
$$DL = 2.514$$

$$BEC = 8.825$$

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	48.89	0.0001	P	20.8
2	☐	1.000	0.899	4794.16	0.0122	P	6.0
3	☐	50.000	51.329	276276.32	0.6882	P	1.5
4	☐	125.000	129.818	682514.38	1.7403	P	0.9
5	☐	250.000	258.531	1331817.25	3.4656	P	0.5
6	☐	500.000	513.088	2659205.93	6.8778	P	0.4
7	☐	1000.000	990.654	5279117.00	13.2793	P	0.1
8	☐			10145.79	0.0255	P	2.9

$$y = 0.0134 * x + 1.2589\text{E-}004$$

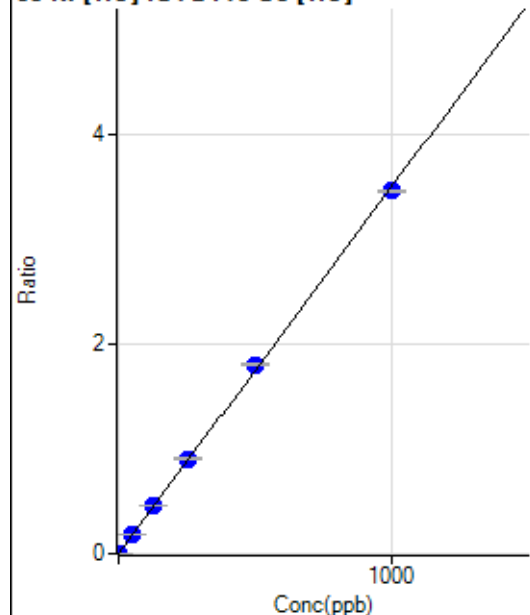
$$R = 0.9998$$

$$DL = 0.005866$$

$$BEC = 0.009391$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	106.67	0.0003	P	11.6
2	☐	1.000	0.925	1382.30	0.0035	P	2.5
3	☐	50.000	51.752	72827.28	0.1814	P	2.6
4	☐	125.000	130.687	179489.73	0.4577	P	0.5
5	☐	250.000	258.759	348134.47	0.9059	P	0.8
6	☐	500.000	515.439	697585.79	1.8043	P	1.0
7	☐	1000.000	989.292	1376572.64	3.4627	P	0.2
8	☐			4227.31	0.0106	P	3.4

$$y = 0.0035 * x + 2.7473E-004$$

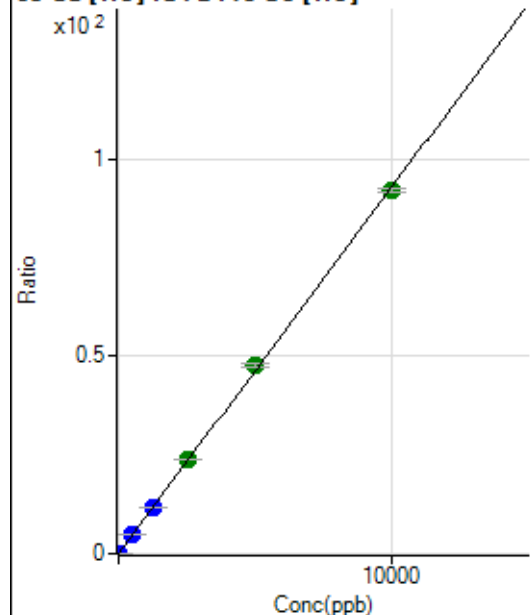
$$R = 0.9998$$

$$DL = 0.02722$$

$$BEC = 0.0785$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1152.28	0.0030	P	9.7
2	☐	2.000	2.069	8720.44	0.0222	P	3.1
3	☐	500.000	505.292	1881978.78	4.6877	P	1.9
4	☐	1250.000	1266.998	4608099.65	11.7497	P	0.5
5	☐	2500.000	2576.365	9180496.39	23.8893	A	1.1
6	☐	5000.000	5145.185	18444535.00	47.7057	A	1.0
7	☐	10000.000	9905.927	36511068.07	91.8441	A	0.9
8	☐			15572.80	0.0391	P	1.4

$$y = 0.0093 * x + 0.0030$$

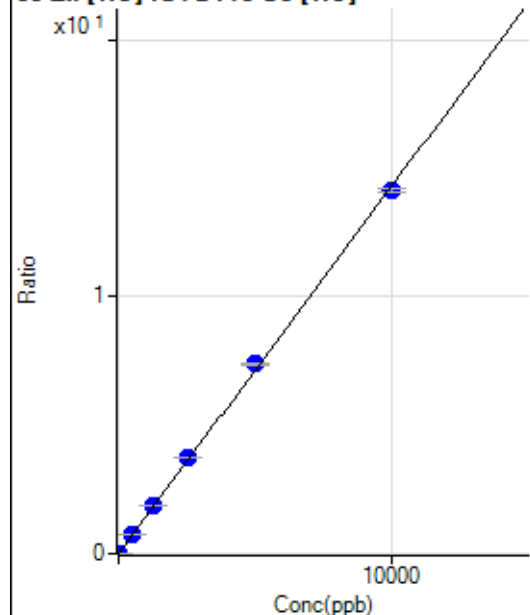
$$R = 0.9998$$

$$DL = 0.09309$$

$$BEC = 0.32$$

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	495.57	0.0013	P	7.5
2	☐	2.000	1.720	1468.98	0.0037	P	0.8
3	☐	500.000	517.336	297058.24	0.7399	P	1.9
4	☐	1250.000	1304.706	731083.53	1.8641	P	0.6
5	☐	2500.000	2607.855	1431394.63	3.7247	P	0.9
6	☐	5000.000	5168.938	2853921.62	7.3814	P	0.7
7	☐	10000.000	9880.862	5608814.29	14.1090	P	0.9
8	☐			16067.81	0.0404	P	1.3

$$y = 0.0014 * x + 0.0013$$

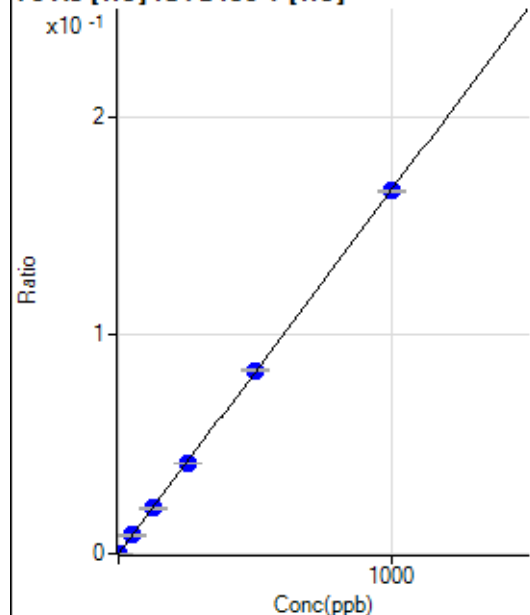
$$R = 0.9997$$

$$DL = 0.2004$$

$$BEC = 0.8936$$

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	12.96	0.0000	P	24.9
2	☐	1.000	0.880	361.12	0.0002	P	8.8
3	☐	50.000	50.230	20206.00	0.0084	P	1.7
4	☐	125.000	124.432	49289.73	0.0207	P	1.1
5	☐	250.000	249.666	97442.17	0.0415	P	0.8
6	☐	500.000	504.689	198181.20	0.0839	P	0.3
7	☐	1000.000	997.799	396973.49	0.1659	P	0.4
8	☐			175.93	0.0001	P	9.2

$$y = 1.6627E-004 * x + 5.5138E-006$$

$$R = 1.0000$$

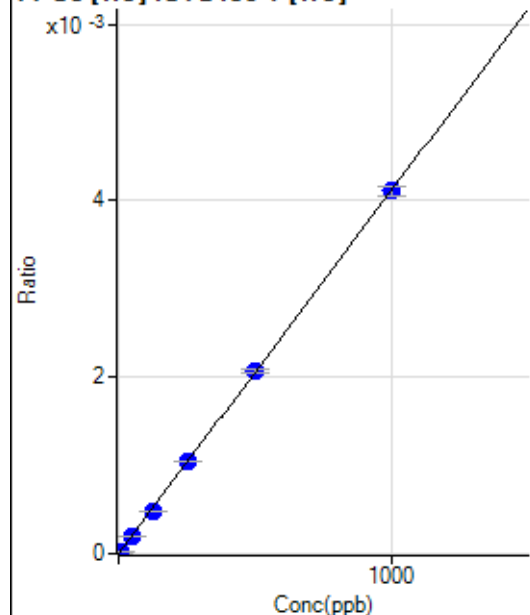
$$DL = 0.02477$$

$$BEC = 0.03316$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	3.973	40.00	0.0000	P	14.4
3	☐	50.000	48.251	481.13	0.0002	P	2.5
4	☐	125.000	116.108	1138.94	0.0005	P	1.5
5	☐	250.000	254.654	2460.23	0.0010	P	1.6
6	☐	500.000	502.664	4885.31	0.0021	P	2.3
7	☐	1000.000	998.708	9833.40	0.0041	P	2.5
8	☐			7.78	0.0000	P	138.

$$y = 4.1145\text{E-}006 * x + 4.7206\text{E-}007$$

$$R = 0.9999$$

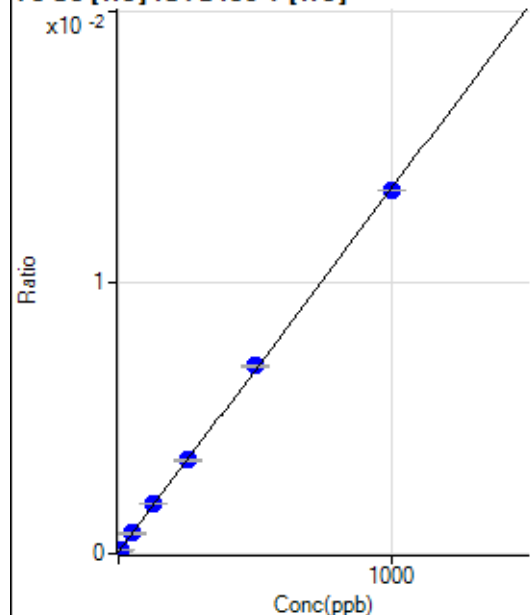
$$DL = 0.5961$$

$$BEC = 0.1147$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	169.75	0.0001	P	6.1
2	☐	5.000	4.254	307.41	0.0001	P	10.0
3	☐	50.000	50.257	1804.45	0.0007	P	2.4
4	☐	125.000	130.234	4332.77	0.0018	P	0.7
5	☐	250.000	252.620	8122.67	0.0035	P	2.0
6	☐	500.000	510.958	16356.74	0.0069	P	0.4
7	☐	1000.000	993.202	32050.65	0.0134	P	0.1
8	☐			187.65	0.0001	P	14.0

$$y = 1.3414\text{E-}005 * x + 7.2190\text{E-}005$$

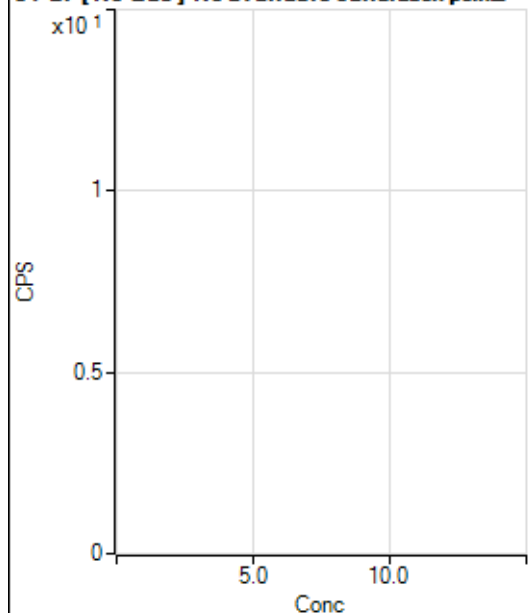
$$R = 0.9999$$

$$DL = 0.9812$$

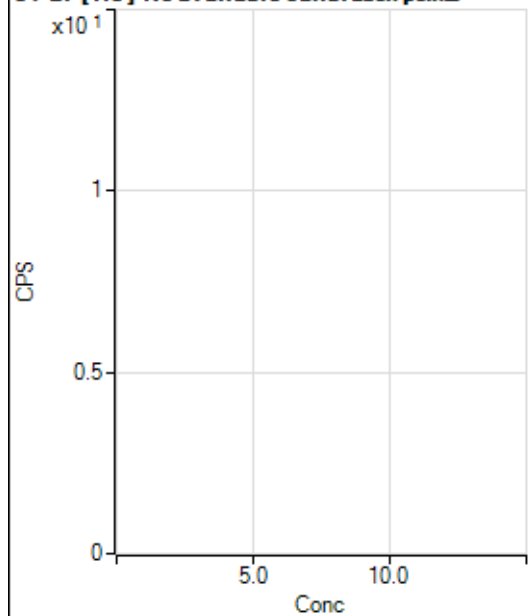
$$BEC = 5.382$$

Weight: <None>

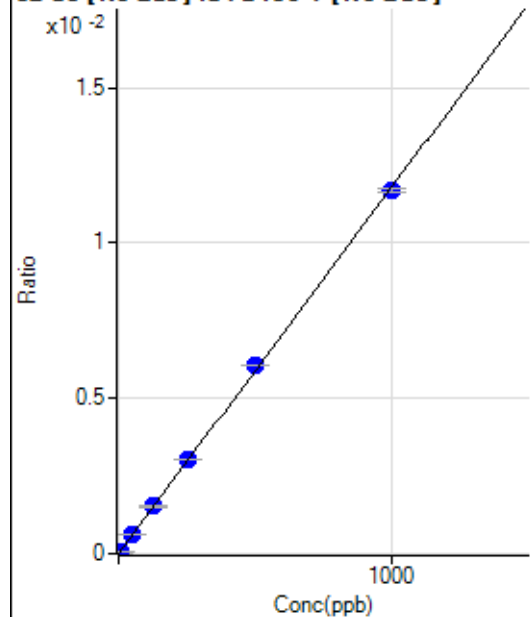
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			21533.11		P	3.2
2	☐			21435.89		P	1.5
3	☐			21616.71		P	2.8
4	☐			21683.40		P	1.8
5	☐			21508.19		P	1.3
6	☐			21505.52		P	3.0
7	☐			22072.89		P	0.0
8	☐			21761.33		P	1.7

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			56.72		P	27.0
2	☐			73.41		P	20.8
3	☐			53.39		P	39.0
4	☐			36.70		P	56.8
5	☐			63.40		P	36.5
6	☐			76.74		P	19.9
7	☐			60.06		P	60.1
8	☐			86.75		P	13.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-43.05	0.0000	P	-70.
2	☐	5.000	5.025	713.67	0.0001	P	7.9
3	☐	50.000	53.241	8024.24	0.0006	P	0.3
4	☐	125.000	129.490	19694.44	0.0015	P	2.7
5	☐	250.000	257.750	38913.51	0.0030	P	1.5
6	☐	500.000	513.008	77430.45	0.0060	P	0.3
7	☐	1000.000	990.835	153014.50	0.0117	P	1.2
8	☐			169.80	0.0000	P	54.0

$$y = 1.1792E-005 * x - 3.3651E-006$$

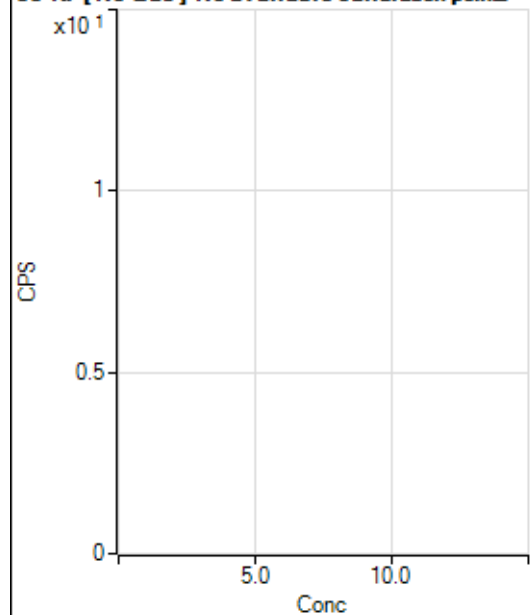
$$R = 0.9998$$

$$DL = 0.6007$$

$$BEC = -0.2854$$

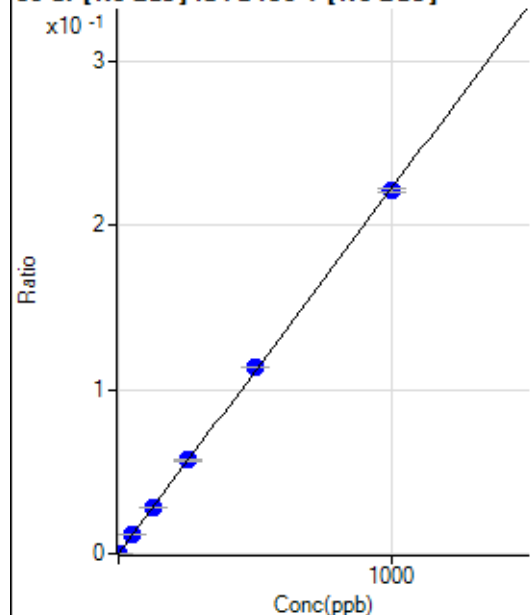
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			897.82		P	7.0
2	☐			841.15		P	6.0
3	☐			890.04		P	5.8
4	☐			896.71		P	10.6
5	☐			924.48		P	1.0
6	☐			803.37		P	8.3
7	☐			964.49		P	5.0
8	☐			913.38		P	9.8

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1350.10	0.0001	P	4.1
2	☐	1.000	1.040	4297.98	0.0003	P	9.0
3	☐	50.000	51.524	148453.40	0.0116	P	1.5
4	☐	125.000	127.348	367181.36	0.0284	P	1.7
5	☐	250.000	255.437	728798.96	0.0569	P	2.1
6	☐	500.000	509.522	1451254.10	0.1133	P	0.6
7	☐	1000.000	993.510	2893296.53	0.2209	P	1.0
8	☐			17772.47	0.0014	P	1.1

$$y = 2.2219E-004 * x + 1.0538E-004$$

$$R = 0.9999$$

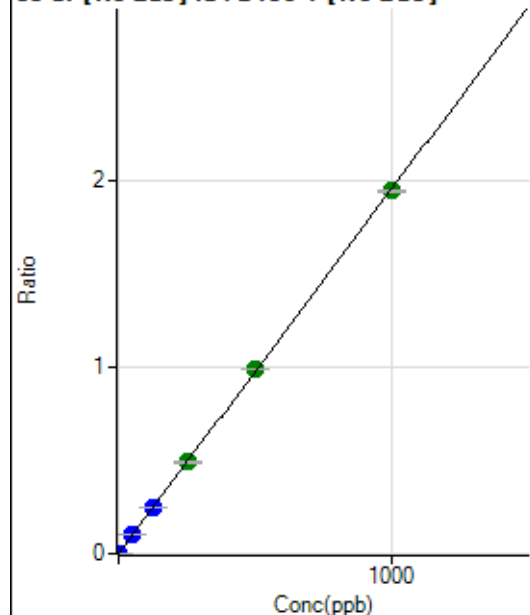
$$DL = 0.05831$$

$$BEC = 0.4743$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	419.46	0.0000	P	18.8
2	☐	1.000	0.903	22988.41	0.0018	P	3.0
3	☐	50.000	50.699	1276178.75	0.0993	P	1.2
4	☐	125.000	124.974	3164963.35	0.2448	P	0.7
5	☐	250.000	252.193	6331383.30	0.4940	A	1.4
6	☐	500.000	508.065	12744204.10	0.9951	A	0.1
7	☐	1000.000	995.388	25540625.05	1.9495	A	0.4
8	☐			141358.51	0.0114	P	0.8

$$y = 0.0020 * x + 3.2738E-005$$

$$R = 0.9999$$

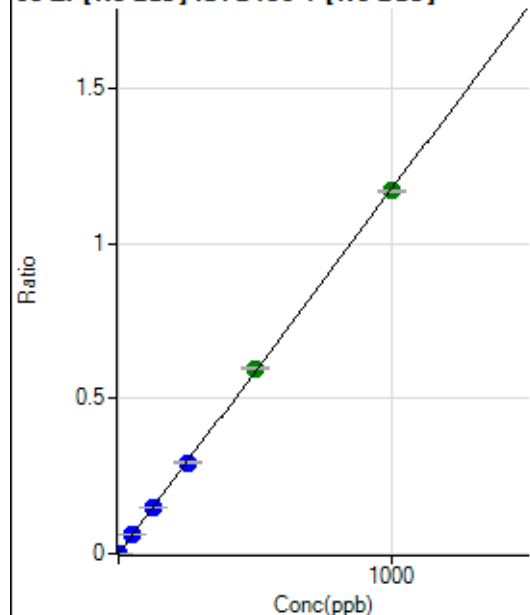
$$DL = 0.009404$$

$$BEC = 0.01672$$

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	758.37	0.0001	P	4.2
2	☐	1.000	0.897	14204.61	0.0011	P	0.9
3	☐	50.000	50.851	767902.05	0.0598	P	1.0
4	☐	125.000	125.478	1905395.31	0.1474	P	1.5
5	☐	250.000	249.727	3759006.24	0.2933	P	1.2
6	☐	500.000	508.571	7648291.32	0.5972	A	0.4
7	☐	1000.000	995.680	15316551.56	1.1691	A	0.8
8	☐			4784.26	0.0004	P	4.1

$$y = 0.0012 * x + 5.9200E-005$$

$$R = 0.9999$$

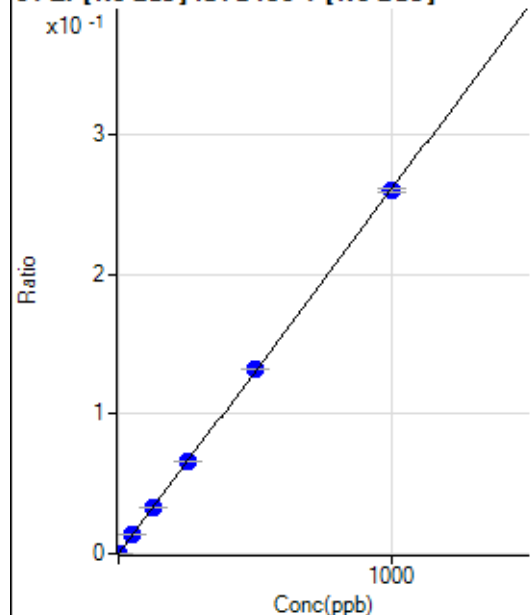
$$DL = 0.006315$$

$$BEC = 0.05042$$

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	138.89	0.0000	P	25.3
2	☐	1.000	0.978	3400.49	0.0003	P	1.9
3	☐	50.000	50.869	170858.12	0.0133	P	2.8
4	☐	125.000	127.636	431242.95	0.0334	P	1.2
5	☐	250.000	253.187	847970.95	0.0662	P	1.5
6	☐	500.000	507.097	1696825.10	0.1325	P	0.2
7	☐	1000.000	995.282	3406508.15	0.2600	P	1.0
8	☐			1077.85	0.0001	P	8.5

$$y = 2.6125E-004 * x + 1.0848E-005$$

$$R = 1.0000$$

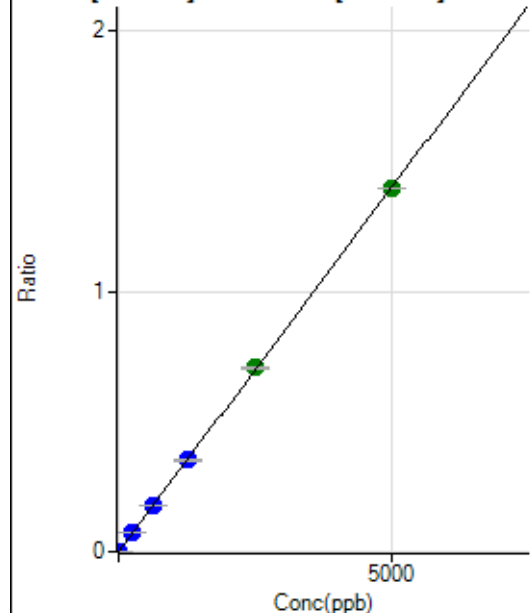
$$DL = 0.03157$$

$$BEC = 0.04152$$

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	391.68	0.0000	P	16.7
2	☐	5.000	4.589	16762.90	0.0013	P	2.6
3	☐	250.000	255.546	917973.49	0.0714	P	1.3
4	☐	625.000	631.529	2282124.86	0.1765	P	1.4
5	☐	1250.000	1256.243	4500455.61	0.3511	P	1.4
6	☐	2500.000	2526.953	9044936.57	0.7062	A	0.5
7	☐	5000.000	4983.870	18248785.48	1.3929	A	0.1
8	☐			5448.42	0.0004	P	0.9

$$y = 2.7947\text{E-}004 * x + 3.0591\text{E-}005$$

$$R = 1.0000$$

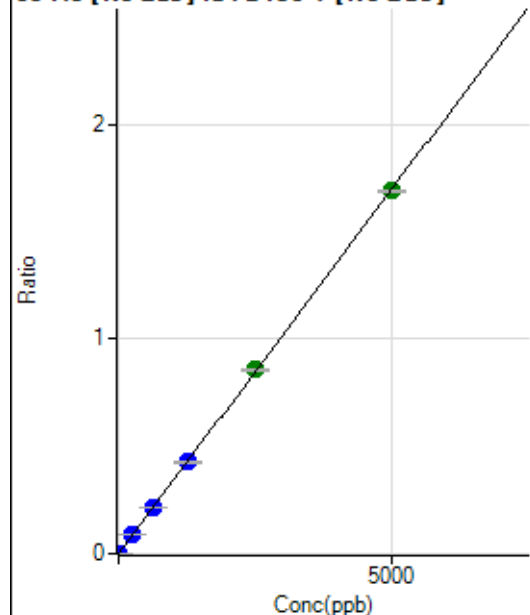
$$DL = 0.05469$$

$$BEC = 0.1095$$

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	186.11	0.0000	P	4.6
2	☐	5.000	4.462	19524.84	0.0015	P	4.4
3	☐	250.000	256.710	1120278.34	0.0872	P	1.4
4	☐	625.000	631.670	2773331.33	0.2145	P	1.9
5	☐	1250.000	1257.914	5475694.44	0.4272	P	1.3
6	☐	2500.000	2529.428	11000992.78	0.8590	A	1.3
7	☐	5000.000	4982.139	22166549.45	1.6919	A	0.2
8	☐			6562.78	0.0005	P	3.9

$$y = 3.3960\text{E-}004 * x + 1.4524\text{E-}005$$

$$R = 1.0000$$

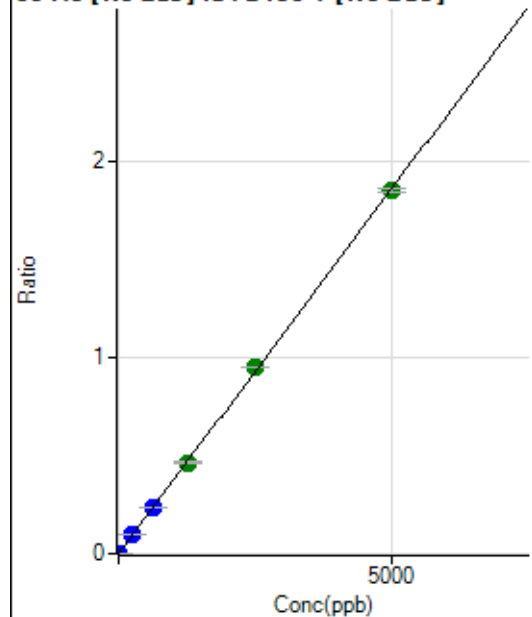
$$DL = 0.0059$$

$$BEC = 0.04277$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	222.23	0.0000	P	12.5
2	☐	5.000	4.538	21786.54	0.0017	P	0.6
3	☐	250.000	255.554	1222279.17	0.0951	P	1.4
4	☐	625.000	634.834	3054821.16	0.2363	P	1.7
5	☐	1250.000	1252.145	5973942.06	0.4661	A	1.2
6	☐	2500.000	2547.338	12142758.43	0.9481	A	0.0
7	☐	5000.000	4974.288	24254402.10	1.8514	A	1.0
8	☐			11713.43	0.0009	P	1.4

$$y = 3.7219\text{E-}004 * x + 1.7352\text{E-}005$$

$$R = 0.9999$$

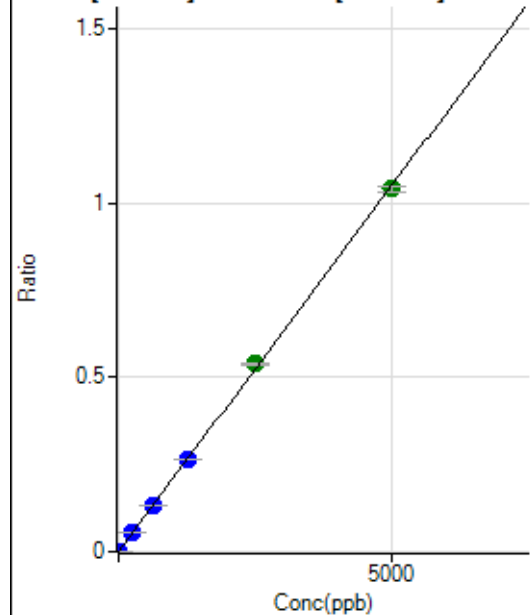
$$DL = 0.01743$$

$$BEC = 0.04662$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.22	0.0000	P	17.7
2	☐	5.000	4.578	12341.71	0.0010	P	3.1
3	☐	250.000	257.475	694510.47	0.0541	P	1.6
4	☐	625.000	636.451	1727252.53	0.1336	P	1.8
5	☐	1250.000	1264.213	3401742.09	0.2654	P	1.0
6	☐	2500.000	2568.797	6905920.38	0.5392	A	1.1
7	☐	5000.000	4960.244	13640975.48	1.0413	A	1.4
8	☐			3664.47	0.0003	P	0.9

$$y = 2.0992\text{E-}004 * x + 5.6385\text{E-}006$$

$$R = 0.9999$$

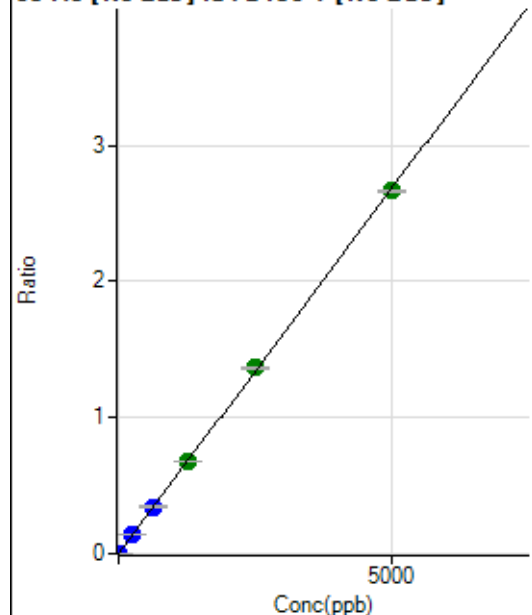
$$DL = 0.0143$$

$$BEC = 0.02686$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	263.90	0.0000	P	14.5
2	☐	5.000	4.528	31267.97	0.0024	P	1.5
3	☐	250.000	258.148	1778949.52	0.1385	P	1.9
4	☐	625.000	643.171	4459452.66	0.3450	P	2.0
5	☐	1250.000	1258.805	8654106.35	0.6751	A	0.5
6	☐	2500.000	2546.262	17488712.89	1.3656	A	1.6
7	☐	5000.000	4971.989	34935717.45	2.6666	A	0.2
8	☐			8827.94	0.0007	P	2.9

$$y = 5.3631\text{E-}004 * x + 2.0589\text{E-}005$$

$$R = 0.9999$$

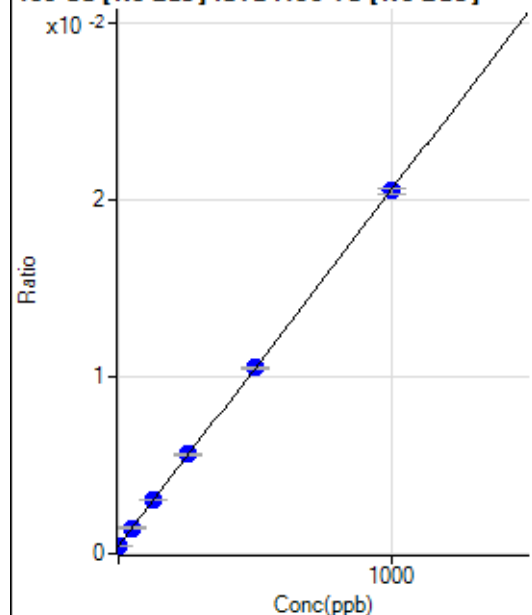
$$DL = 0.01668$$

$$BEC = 0.03839$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5223.32	0.0004	P	5.1
2	☐	1.000	-0.269	5198.30	0.0004	P	7.1
3	☐	50.000	50.271	17480.63	0.0014	P	2.9
4	☐	125.000	129.331	36778.83	0.0030	P	1.5
5	☐	250.000	258.057	68135.91	0.0056	P	2.6
6	☐	500.000	500.382	127916.89	0.0105	P	1.0
7	☐	1000.000	997.241	248985.39	0.0205	P	1.3
8	☐			5089.98	0.0004	P	4.3

$$y = 2.0104\text{E-}005 * x + 4.3930\text{E-}004$$

$$R = 1.0000$$

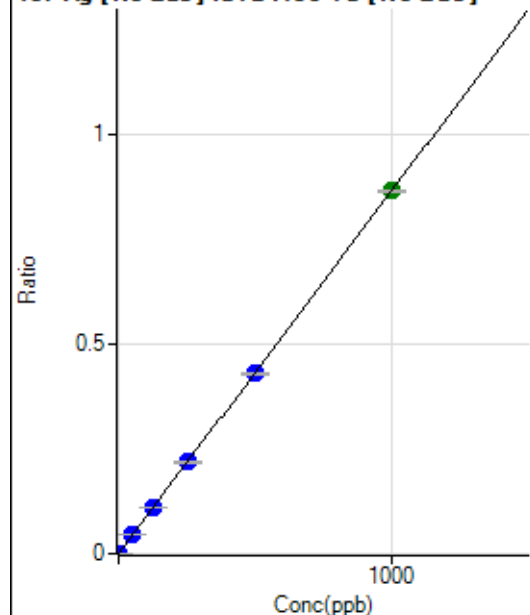
$$DL = 3.338$$

$$BEC = 21.85$$

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	202.79	0.0000	P	11.2
2	☐	1.000	0.918	9711.90	0.0008	P	2.8
3	☐	50.000	51.892	541326.16	0.0449	P	1.4
4	☐	125.000	128.667	1346780.78	0.1113	P	0.8
5	☐	250.000	253.837	2658522.00	0.2195	P	1.7
6	☐	500.000	496.123	5227835.75	0.4291	P	0.9
7	☐	1000.000	1000.426	10515184.00	0.8652	A	0.5
8	☐			5923.64	0.0005	P	4.5

$$y = 8.6485E-004 * x + 1.7059E-005$$

$$R = 1.0000$$

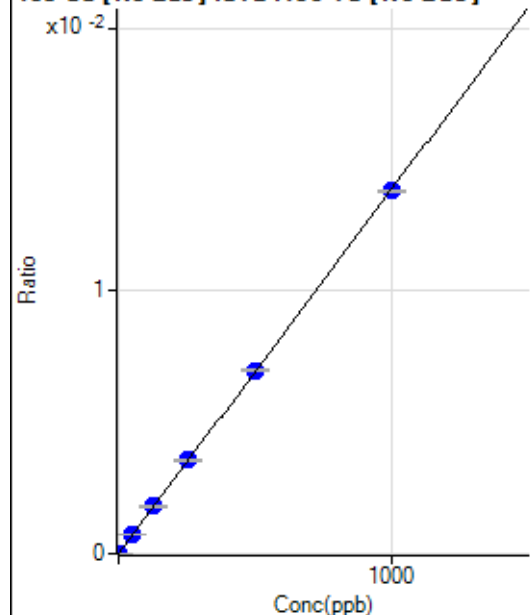
$$DL = 0.006632$$

$$BEC = 0.01972$$

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	4.17	0.0000	P	99.6
2	☐	1.000	1.403	237.51	0.0000	P	10.4
3	☐	50.000	52.526	8788.92	0.0007	P	2.0
4	☐	125.000	129.493	21741.75	0.0018	P	1.7
5	☐	250.000	256.863	43145.90	0.0036	P	2.6
6	☐	500.000	503.181	85043.85	0.0070	P	0.9
7	☐	1000.000	996.005	167905.05	0.0138	P	0.8
8	☐			138.89	0.0000	P	18.1

$$y = 1.3871E-005 * x + 3.5266E-007$$

$$R = 1.0000$$

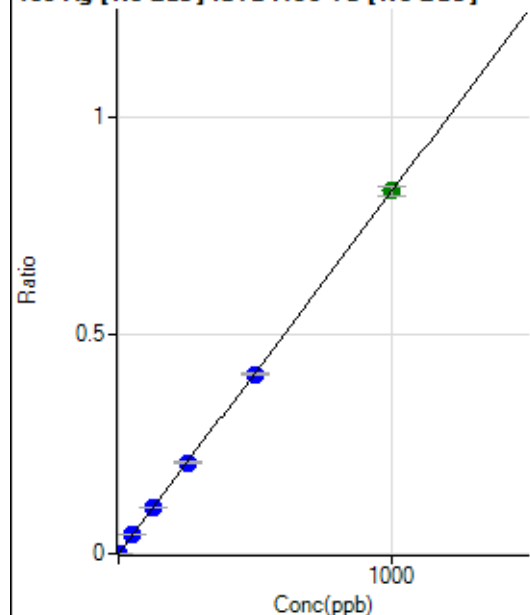
$$DL = 0.07593$$

$$BEC = 0.02542$$

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	152.78	0.0000	P	46.0
2	☐	1.000	0.879	8880.76	0.0007	P	3.8
3	☐	50.000	51.758	517442.36	0.0429	P	1.7
4	☐	125.000	128.168	1285741.94	0.1063	P	1.6
5	☐	250.000	250.143	2510838.45	0.2074	P	2.3
6	☐	500.000	494.713	4996383.05	0.4101	P	1.0
7	☐	1000.000	1002.124	10093884.08	0.8307	A	2.5
8	☐			5387.29	0.0005	P	0.9

$$y = 8.2892\text{E-}004 * x + 1.2778\text{E-}005$$

$$R = 1.0000$$

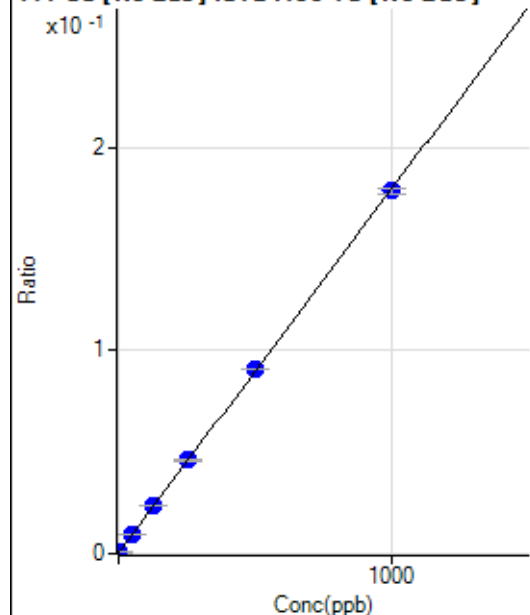
$$DL = 0.02128$$

$$BEC = 0.01542$$

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	3672.85	0.0003	P	4.8
2	☐	1.000	1.053	5963.08	0.0005	P	6.5
3	☐	50.000	51.933	116037.99	0.0096	P	1.7
4	☐	125.000	129.435	284673.35	0.0235	P	1.2
5	☐	250.000	256.022	559792.91	0.0462	P	2.1
6	☐	500.000	505.460	1108353.65	0.0910	P	0.6
7	☐	1000.000	995.113	2172747.09	0.1788	P	1.5
8	☐			4315.79	0.0004	P	3.5

$$y = 1.7937\text{E-}004 * x + 3.0889\text{E-}004$$

$$R = 1.0000$$

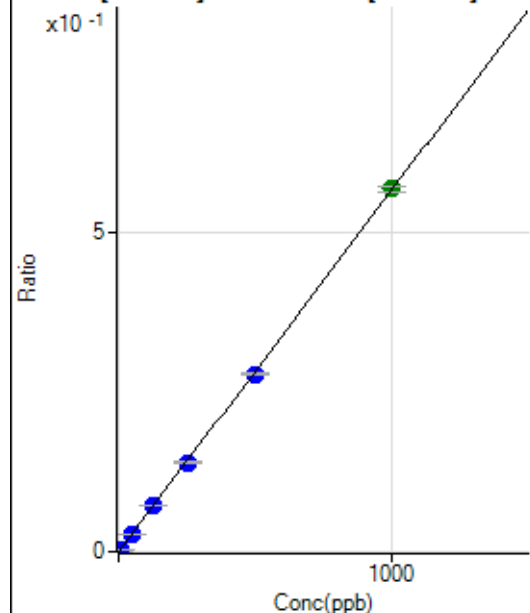
$$DL = 0.2472$$

$$BEC = 1.722$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	836.16	0.0001	P	7.0
2	☐	5.000	4.413	30700.79	0.0026	P	0.8
3	☐	50.000	49.898	340654.72	0.0283	P	1.3
4	☐	125.000	126.391	864679.68	0.0715	P	1.1
5	☐	250.000	246.844	1689005.48	0.1395	P	1.8
6	☐	500.000	491.949	3385973.30	0.2779	P	0.4
7	☐	1000.000	1004.648	6896026.54	0.5675	A	1.4
8	☐			5248.34	0.0005	P	4.7

$$y = 5.6477\text{E-}004 * x + 7.0271\text{E-}005$$

$$R = 0.9999$$

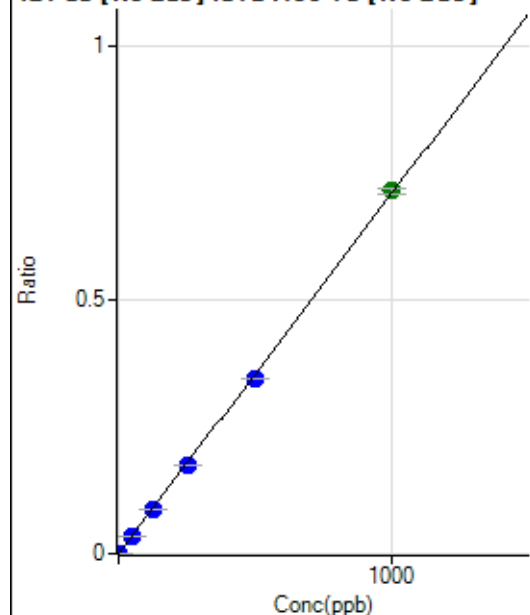
$$DL = 0.02613$$

$$BEC = 0.1244$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	91.67	0.0000	P	24.1
2	☐	2.000	1.751	14972.25	0.0012	P	2.4
3	☐	50.000	49.549	423745.45	0.0351	P	1.0
4	☐	125.000	124.677	1069905.62	0.0884	P	1.4
5	☐	250.000	244.901	2102996.62	0.1737	P	1.4
6	☐	500.000	485.869	4197651.87	0.3445	P	0.3
7	☐	1000.000	1008.404	8689440.65	0.7151	A	1.4
8	☐			7530.01	0.0007	P	5.1

$$y = 7.0909\text{E-}004 * x + 7.7059\text{E-}006$$

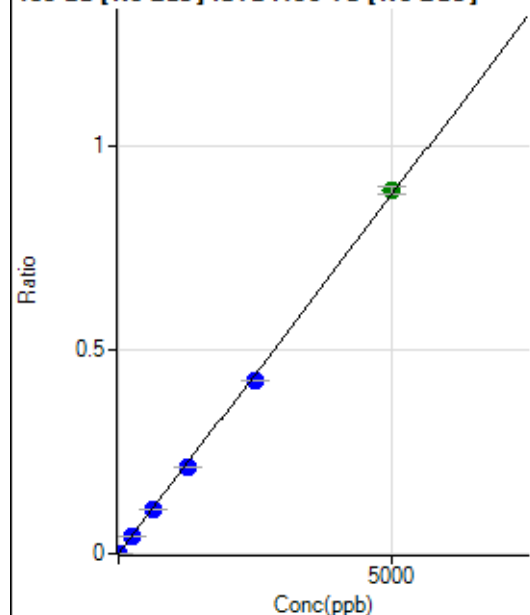
$$R = 0.9998$$

$$DL = 0.007866$$

$$BEC = 0.01087$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	97.23	0.0000	P	11.3
2	☐	10.000	8.798	18671.26	0.0016	P	0.3
3	☐	250.000	245.110	520836.53	0.0432	P	1.3
4	☐	625.000	614.162	1309497.21	0.1082	P	1.8
5	☐	1250.000	1207.949	2577444.07	0.2128	P	1.3
6	☐	2500.000	2413.420	5180816.44	0.4252	P	0.9
7	☐	5000.000	5055.405	10823669.16	0.8907	A	2.0
8	☐			18348.61	0.0016	P	3.8

$$y = 1.7619\text{E-}004 * x + 8.1811\text{E-}006$$

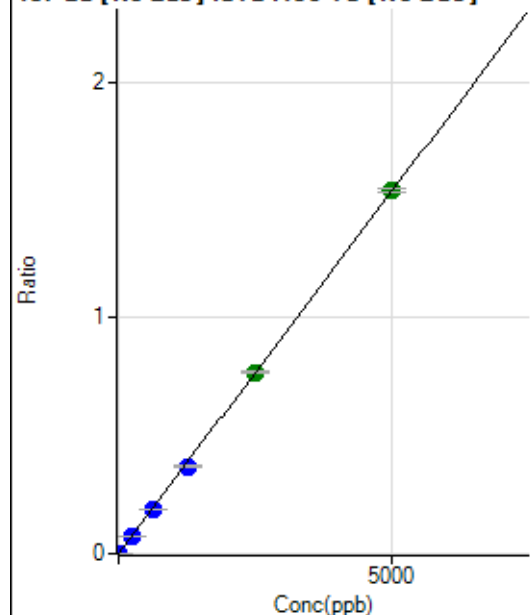
$$R = 0.9997$$

$$DL = 0.01574$$

$$BEC = 0.04643$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	166.67	0.0000	P	24.0
2	☐	10.000	8.656	32020.90	0.0027	P	2.7
3	☐	250.000	242.493	898189.39	0.0745	P	1.4
4	☐	625.000	605.795	2251646.66	0.1861	P	1.4
5	☐	1250.000	1200.939	4466710.95	0.3689	P	1.7
6	☐	2500.000	2505.019	9374015.74	0.7694	A	0.6
7	☐	5000.000	5012.535	18709159.10	1.5395	A	1.1
8	☐			31789.67	0.0028	P	1.2

$$y = 3.0714\text{E-}004 * x + 1.4032\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.03293$$

$$BEC = 0.04569$$

Weight: <None>

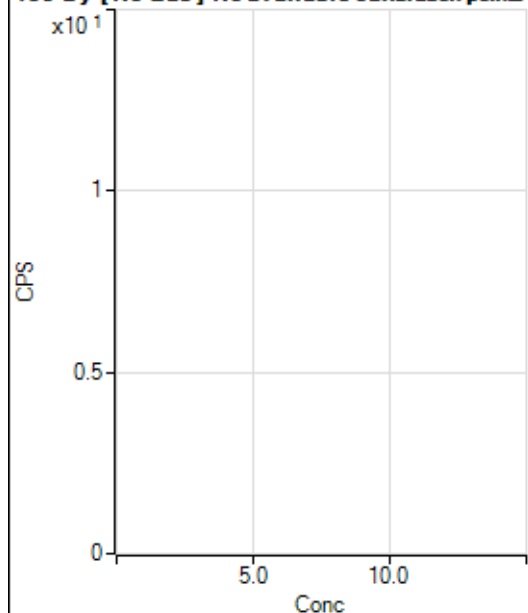
Min Conc: 0

150 Nd [No Gas] No available calibration points

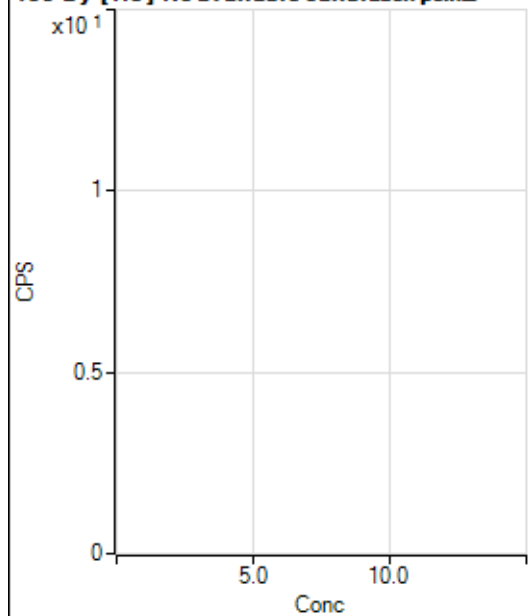
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	100.
2	☐			2.22		P	173.
3	☐			60.00		P	38.5
4	☐			80.00		P	36.3
5	☐			266.67		P	19.5
6	☐			475.57		P	5.8
7	☐			804.49		P	9.2
8	☐			44.45		P	8.7

150 Nd [He] No available calibration points

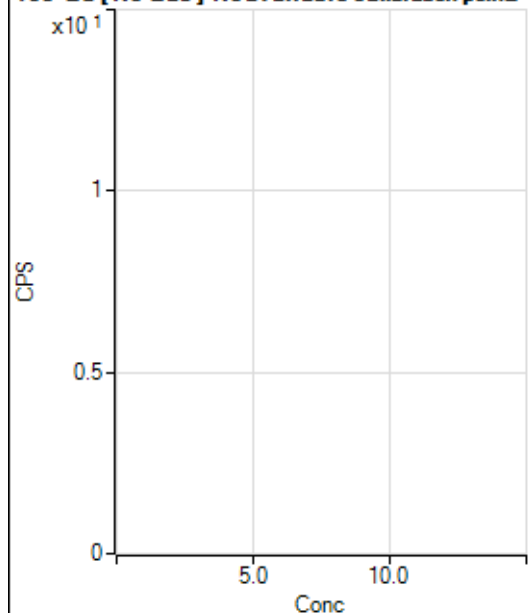
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			0.00		P	
3	☐			8.89		P	21.6
4	☐			23.33		P	14.3
5	☐			37.78		P	53.2
6	☐			63.33		P	22.9
7	☐			91.11		P	16.9
8	☐			14.44		P	35.3

156 Dy [No Gas] No available calibration points

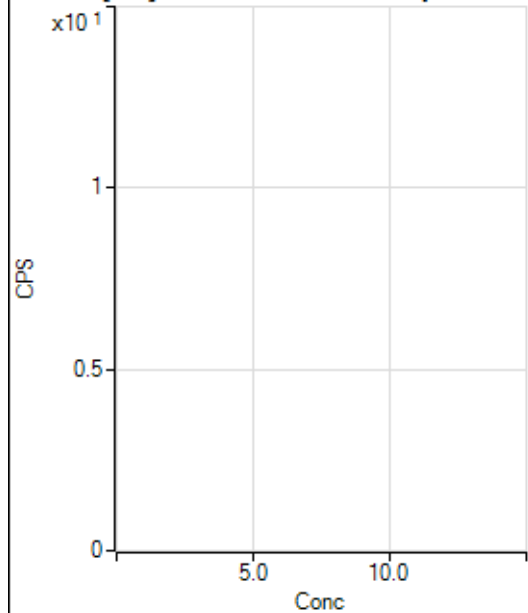
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	100.
2	☐			22.22		P	57.3
3	☐			27.78		P	45.8
4	☐			77.78		P	40.6
5	☐			116.67		P	7.1
6	☐			191.67		P	43.5
7	☐			302.79		P	33.3
8	☐			647.25		P	11.5

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	50.0
2	☐			10.00		P	57.8
3	☐			16.66		P	91.7
4	☐			41.11		P	23.4
5	☐			56.67		P	17.6
6	☐			135.56		P	9.9
7	☐			207.78		P	11.8
8	☐			371.12		P	12.7

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

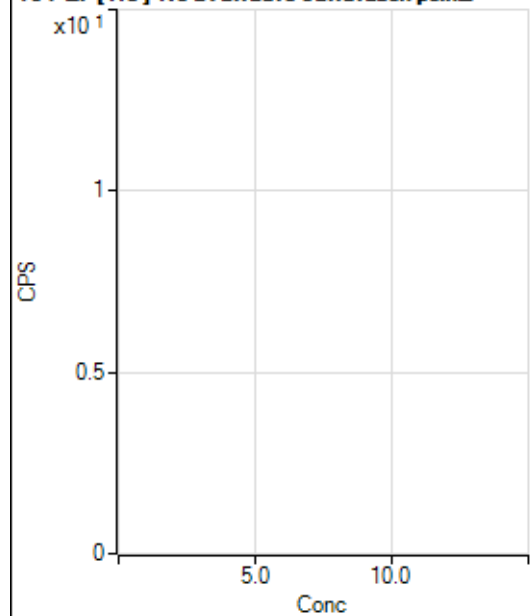
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			105.56		P	27.7
2	☐			86.11		P	43.6
3	☐			102.78		P	12.4
4	☐			130.56		P	74.0
5	☐			150.00		P	36.4
6	☐			225.01		P	14.8
7	☐			263.90		P	23.7
8	☐			716.71		P	21.0

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			158.89		P	17.6
2	☐			142.23		P	15.6
3	☐			154.45		P	22.9
4	☐			192.23		P	15.5
5	☐			190.00		P	21.3
6	☐			202.22		P	3.4
7	☐			233.34		P	21.6
8	☐			583.35		P	5.6

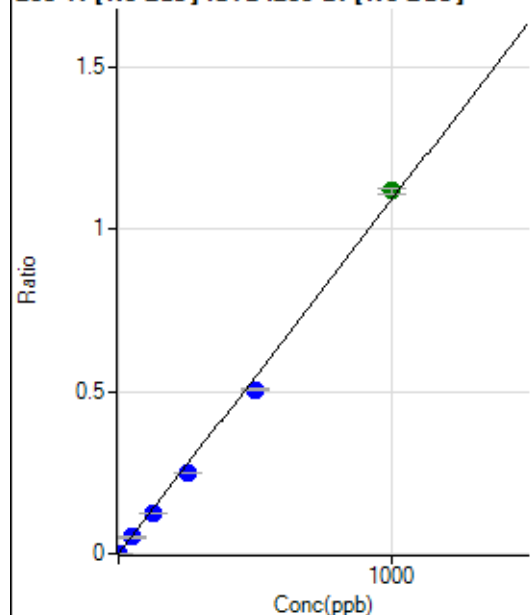
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			55.56		P	45.8
2	☐			86.12		P	5.6
3	☐			63.89		P	27.2
4	☐			66.67		P	57.3
5	☐			86.11		P	40.3
6	☐			63.89		P	27.2
7	☐			100.00		P	8.3
8	☐			105.56		P	9.1

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			37.78		P	13.5
2	☐			28.89		P	46.6
3	☐			34.44		P	55.9
4	☐			31.11		P	27.0
5	☐			54.44		P	17.7
6	☐			67.78		P	32.8
7	☐			51.11		P	44.4
8	☐			77.78		P	25.8

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.44	0.0000	P	44.0
2	☐	1.000	0.812	6532.32	0.0009	P	5.0
3	☐	50.000	46.416	370297.98	0.0506	P	2.0
4	☐	125.000	112.802	922852.54	0.1229	P	1.3
5	☐	250.000	226.488	1836569.96	0.2468	P	0.8
6	☐	500.000	463.726	3687397.31	0.5053	P	1.2
7	☐	1000.000	1025.719	8037412.68	1.1176	A	1.5
8	☐			613.92	0.0001	P	7.7

$$y = 0.0011 * x + 6.0452E-006$$

$$R = 0.9987$$

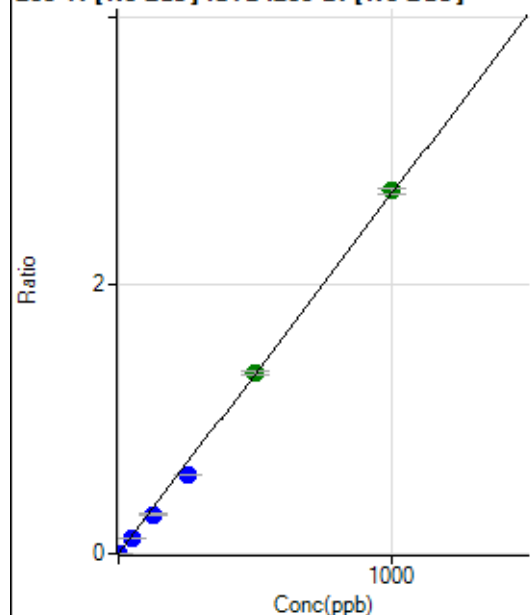
$$DL = 0.007317$$

$$BEC = 0.005548$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	152.79	0.0000	P	39.6
2	☐	1.000	0.782	15506.68	0.0021	P	2.0
3	☐	50.000	44.795	878649.30	0.1200	P	1.4
4	☐	125.000	109.107	2194502.87	0.2923	P	1.9
5	☐	250.000	219.275	4371286.43	0.5874	P	1.3
6	☐	500.000	502.737	9827630.60	1.3467	A	1.5
7	☐	1000.000	1008.560	19429374.39	2.7017	A	1.4
8	☐			1566.80	0.0003	P	8.3

$$y = 0.0027 * x + 2.0707E-005$$

$$R = 0.9994$$

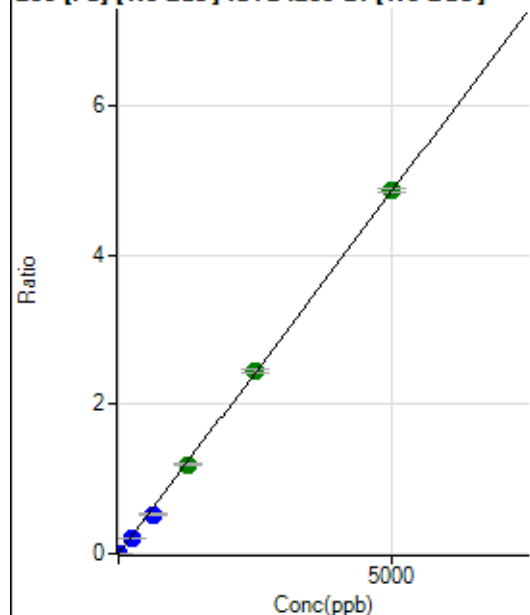
$$DL = 0.009184$$

$$BEC = 0.00773$$

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	387.05	0.0001	P	6.7
2	☐	1.000	0.735	5617.94	0.0008	P	2.4
3	☐	250.000	222.380	1581099.23	0.2160	P	1.0
4	☐	625.000	543.061	3959116.78	0.5273	P	1.2
5	☐	1250.000	1226.074	8858444.36	1.1904	A	1.8
6	☐	2500.000	2514.987	17816980.61	2.4418	A	2.3
7	☐	5000.000	5010.111	34981908.65	4.8643	A	1.1
8	☐			47591.55	0.0084	P	11.5

$$y = 9.7088\text{E-}004 * x + 5.2577\text{E-}005$$

$$R = 0.9999$$

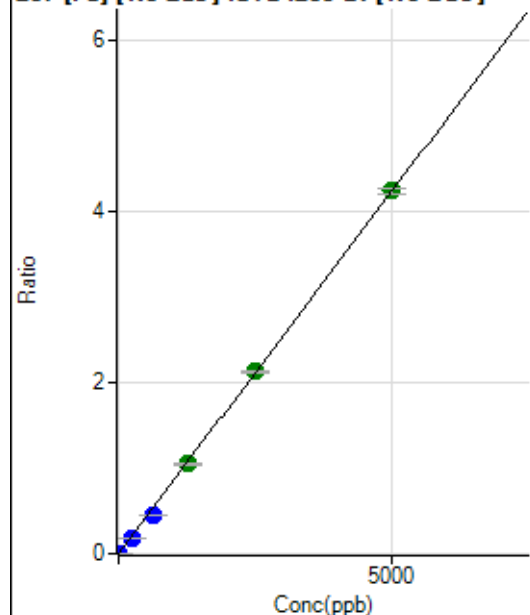
$$DL = 0.01083$$

$$BEC = 0.05415$$

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	416.68	0.0001	P	16.6
2	☐	1.000	0.697	4728.71	0.0006	P	2.0
3	☐	250.000	216.791	1341058.28	0.1832	P	0.7
4	☐	625.000	526.321	3338287.49	0.4446	P	1.5
5	☐	1250.000	1236.179	7769830.56	1.0442	A	2.5
6	☐	2500.000	2512.560	15487426.97	2.1223	A	1.5
7	☐	5000.000	5011.170	30439342.58	4.2327	A	1.3
8	☐			39746.70	0.0070	P	13.0

$$y = 8.4464\text{E-}004 * x + 5.6518\text{E-}005$$

$$R = 0.9998$$

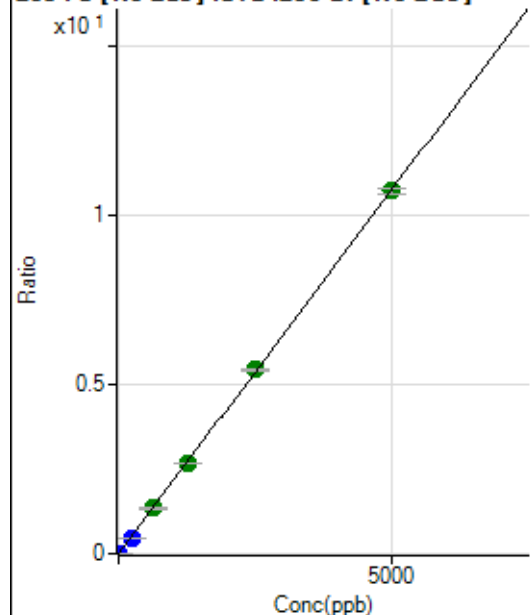
$$DL = 0.03326$$

$$BEC = 0.06691$$

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	818.56	0.0001	P	14.2
2	☐	1.000	0.737	12411.06	0.0017	P	1.4
3	☐	250.000	222.878	3501724.90	0.4783	P	0.6
4	☐	625.000	624.505	10059973.95	1.3399	A	1.6
5	☐	1250.000	1238.807	19778790.15	2.6578	A	1.2
6	☐	2500.000	2528.270	39588110.72	5.4242	A	0.6
7	☐	5000.000	4990.082	76990288.53	10.7058	A	1.4
8	☐			184276.96	0.0325	P	11.1

$$y = 0.0021 * x + 1.1126E-004$$

$$R = 1.0000$$

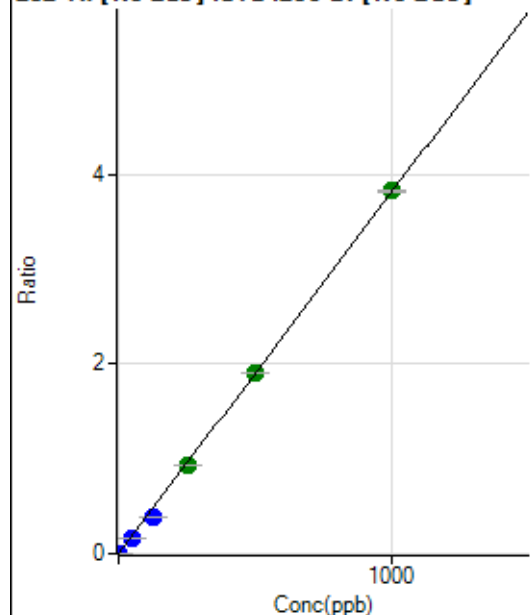
$$DL = 0.02217$$

$$BEC = 0.05186$$

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	753.74	0.0001	P	4.7
2	☐	1.000	-0.005	620.40	0.0001	P	2.8
3	☐	50.000	41.521	1159061.20	0.1583	P	0.1
4	☐	125.000	102.781	2940751.83	0.3917	P	1.9
5	☐	250.000	245.371	6958141.07	0.9350	A	0.7
6	☐	500.000	499.977	13904385.27	1.9051	A	0.5
7	☐	1000.000	1004.371	27522154.32	3.8268	A	0.8
8	☐			4245.23	0.0007	P	6.8

$$y = 0.0038 * x + 1.0238E-004$$

$$R = 0.9998$$

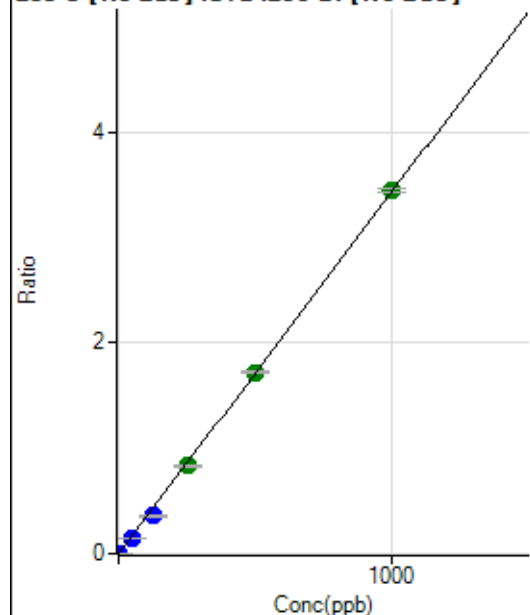
$$DL = 0.003816$$

$$BEC = 0.02687$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	147.23	0.0000	P	17.7
2	☐	1.000	0.737	18680.99	0.0025	P	2.9
3	☐	50.000	41.956	1053712.62	0.1439	P	0.6
4	☐	125.000	104.277	2685252.49	0.3577	P	1.7
5	☐	250.000	242.362	6186106.30	0.8313	A	1.0
6	☐	500.000	501.300	12547429.88	1.7194	A	1.3
7	☐	1000.000	1004.253	24771122.26	3.4444	A	0.9
8	☐			2711.47	0.0005	P	11.6

$$y = 0.0034 * x + 1.9999E-005$$

$$R = 0.9998$$

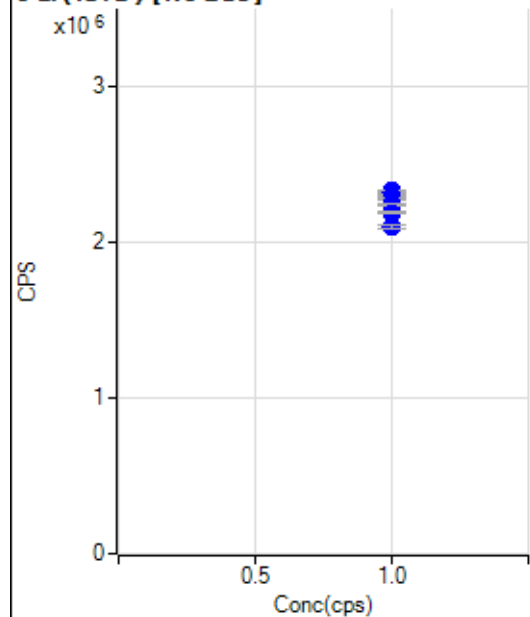
$$DL = 0.003092$$

$$BEC = 0.005831$$

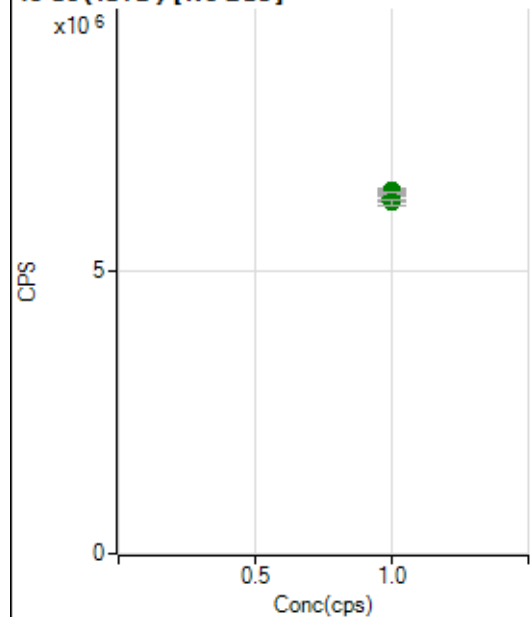
Weight: <None>

Min Conc: 0

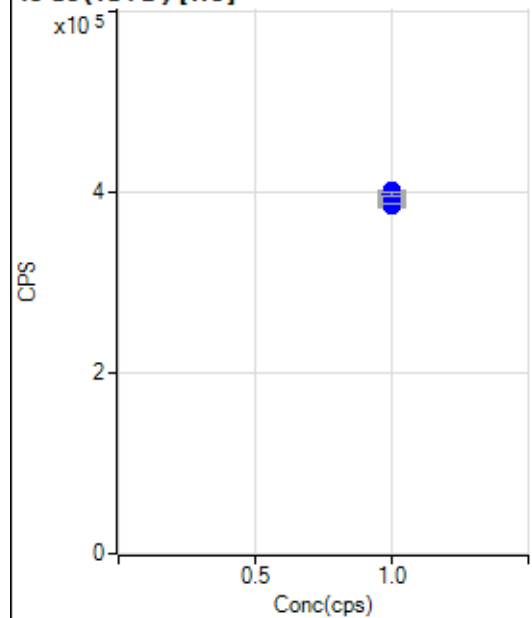
6 Li (ISTD) [No Gas]



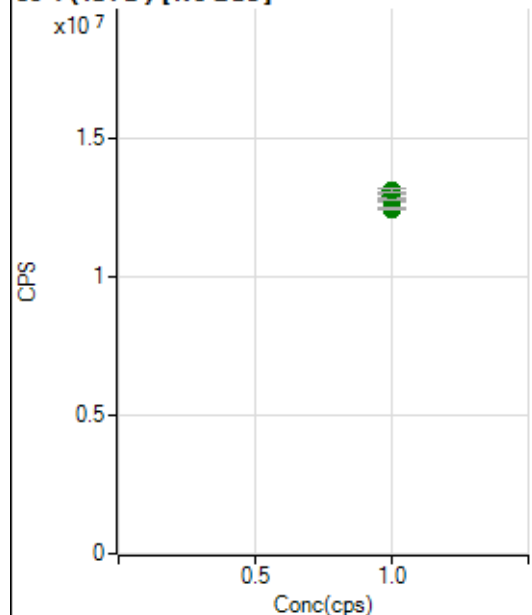
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		2326609.62		P	0.2
2	☐	1.000		2315927.29		P	0.8
3	☐	1.000		2297411.86		P	1.1
4	☐	1.000		2285513.04		P	0.2
5	☐	1.000		2276977.01		P	0.7
6	☐	1.000		2239338.06		P	0.6
7	☐	1.000		2187092.02		P	0.3
8	☐	1.000		2098476.46		P	1.5

45 Sc (ISTD) [No Gas]

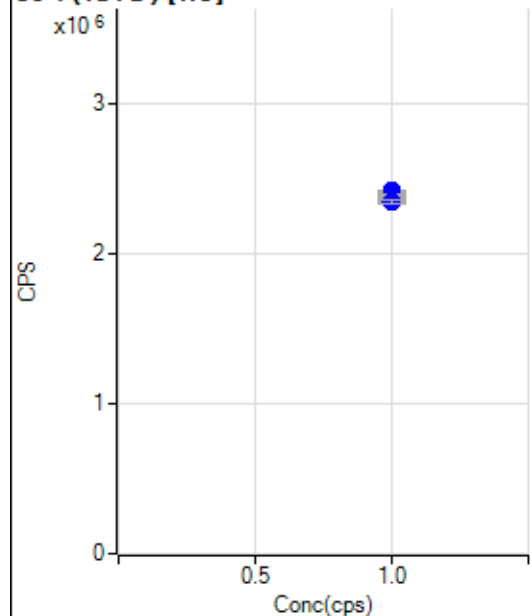
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6370763.52		A	1.3
2	☐	1.000		6368790.39		A	1.0
3	☐	1.000		6417399.14		A	1.1
4	☐	1.000		6393344.14		A	0.9
5	☐	1.000		6375717.33		A	1.0
6	☐	1.000		6276451.23		A	1.2
7	☐	1.000		6379516.15		A	0.5
8	☐	1.000		6209440.95		A	1.8

45 Sc (ISTD) [He]

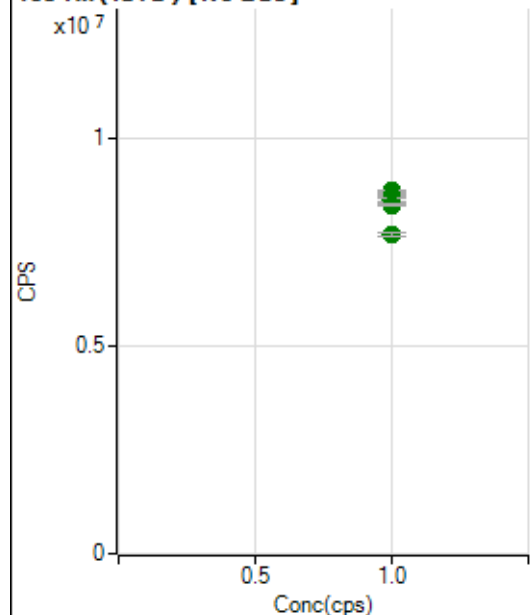
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		388345.67		P	0.3
2	☐	1.000		393626.42		P	0.5
3	☐	1.000		401475.30		P	0.1
4	☐	1.000		392185.49		P	0.6
5	☐	1.000		384297.19		P	0.1
6	☐	1.000		386636.82		P	0.2
7	☐	1.000		397545.07		P	0.5
8	☐	1.000		397795.48		P	0.8

89 Y (ISTD) [No Gas]

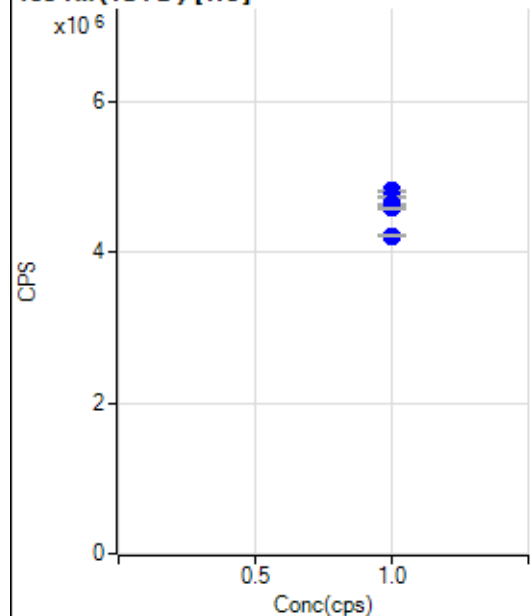
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12811861.34		A	0.6
2	☐	1.000		12767791.34		A	1.1
3	☐	1.000		12849763.42		A	1.6
4	☐	1.000		12929681.19		A	1.3
5	☐	1.000		12818642.73		A	0.9
6	☐	1.000		12807193.28		A	0.6
7	☐	1.000		13101444.39		A	1.2
8	☐	1.000		12452391.20		A	0.5

89 Y (ISTD) [He]

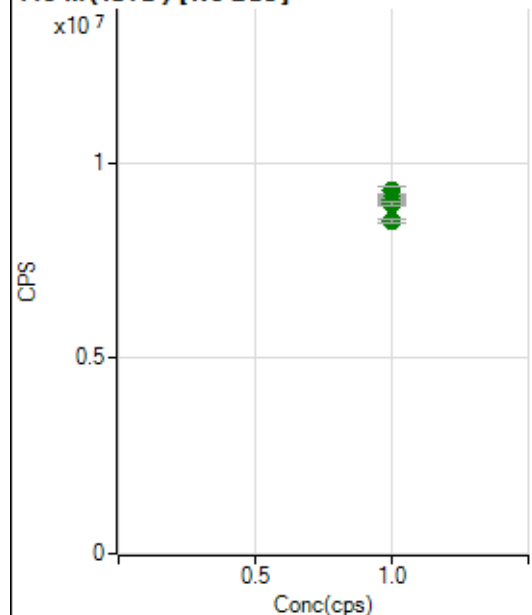
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2351555.78		P	0.1
2	☐	1.000		2377928.40		P	0.8
3	☐	1.000		2417780.47		P	0.3
4	☐	1.000		2381720.47		P	0.1
5	☐	1.000		2346983.96		P	0.1
6	☐	1.000		2361541.25		P	0.4
7	☐	1.000		2392688.31		P	0.5
8	☐	1.000		2347489.91		P	1.2

103 Rh (ISTD) [No Gas]

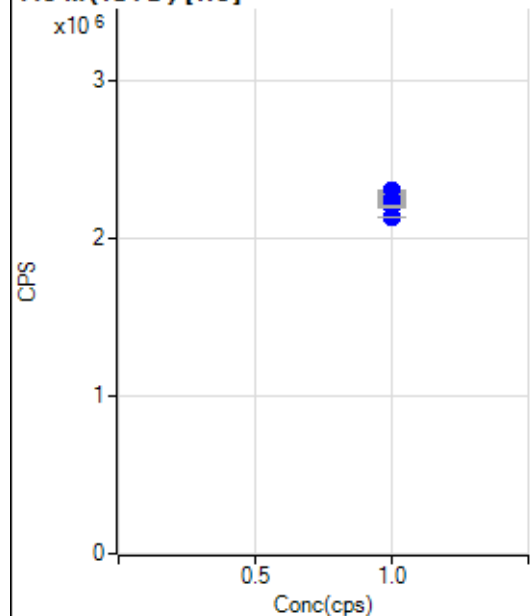
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8602772.44		A	0.8
2	☐	1.000		8734346.19		A	0.7
3	☐	1.000		8641716.61		A	1.2
4	☐	1.000		8750290.91		A	0.5
5	☐	1.000		8606591.47		A	0.6
6	☐	1.000		8532513.21		A	1.1
7	☐	1.000		8414301.47		A	0.4
8	☐	1.000		7693462.59		A	1.4

103 Rh (ISTD) [He]

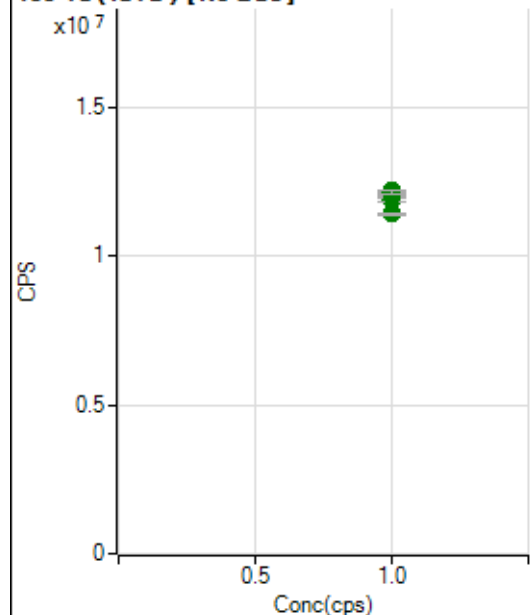
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4734551.18		P	0.6
2	☐	1.000		4744393.02		P	0.5
3	☐	1.000		4811735.66		P	0.5
4	☐	1.000		4732035.83		P	0.3
5	☐	1.000		4635295.49		P	0.4
6	☐	1.000		4621558.16		P	0.3
7	☐	1.000		4580480.21		P	0.2
8	☐	1.000		4218651.60		P	0.6

115 In (ISTD) [No Gas]

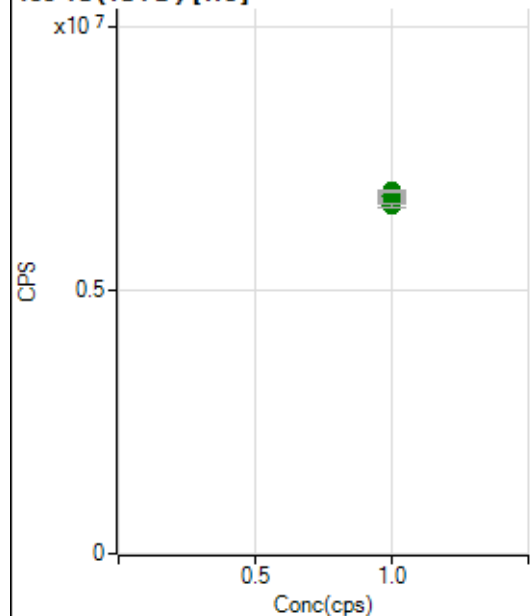
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9003783.50		A	1.5
2	☐	1.000		9071866.66		A	0.3
3	☐	1.000		9109113.40		A	2.1
4	☐	1.000		9291170.52		A	2.2
5	☐	1.000		9177269.49		A	0.3
6	☐	1.000		9045930.96		A	1.3
7	☐	1.000		8959974.24		A	0.8
8	☐	1.000		8518818.05		A	0.8

115 In (ISTD) [He]

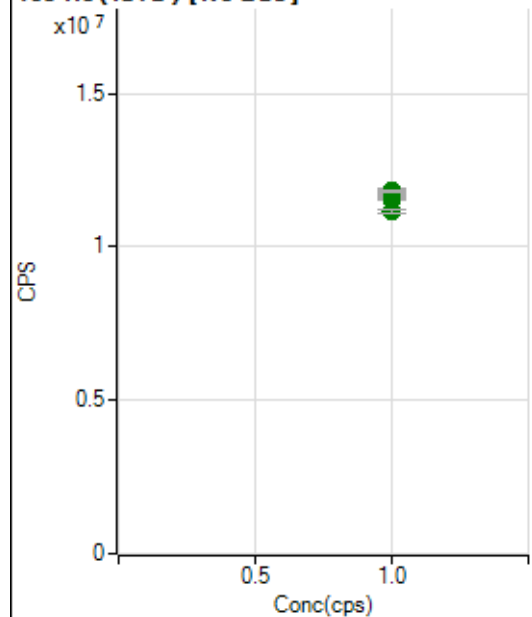
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2252913.27		P	0.3
2	☐	1.000		2261279.38		P	0.6
3	☐	1.000		2298204.18		P	0.5
4	☐	1.000		2275840.69		P	0.3
5	☐	1.000		2237359.52		P	0.6
6	☐	1.000		2216142.71		P	0.2
7	☐	1.000		2203133.14		P	0.6
8	☐	1.000		2134263.35		P	0.3

159 Tb (ISTD) [No Gas]

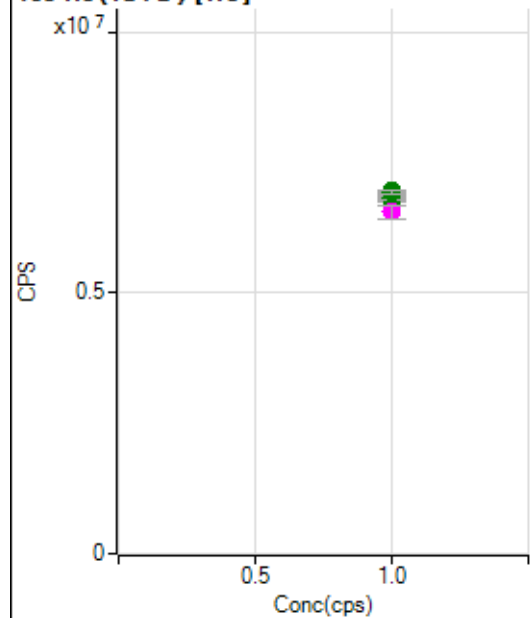
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11896637.60		A	1.6
2	☐	1.000		11981390.80		A	0.6
3	☐	1.000		12059302.88		A	1.7
4	☐	1.000		12101381.90		A	0.6
5	☐	1.000		12111628.15		A	1.8
6	☐	1.000		12183725.51		A	0.2
7	☐	1.000		12153488.29		A	1.2
8	☐	1.000		11416065.25		A	0.5

159 Tb (ISTD) [He]

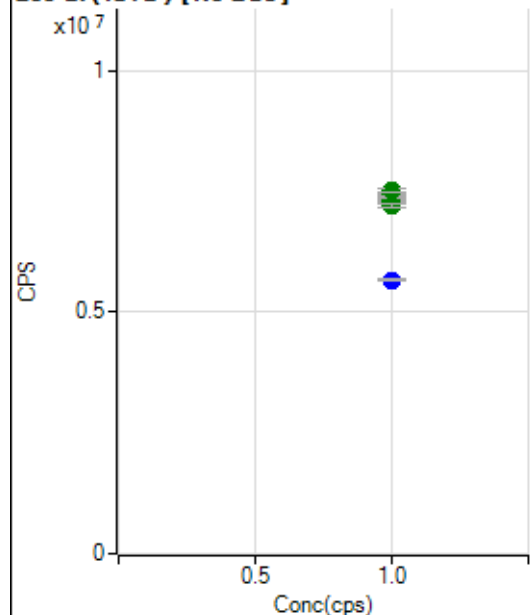
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6772018.65		A	1.3
2	☐	1.000		6740171.36		A	1.7
3	☐	1.000		6842476.43		A	1.0
4	☐	1.000		6807127.82		A	1.0
5	☐	1.000		6871051.15		A	0.8
6	☐	1.000		6821018.58		A	0.1
7	☐	1.000		6890857.68		A	0.8
8	☐	1.000		6610577.75		A	0.7

165 Ho (ISTD) [No Gas]

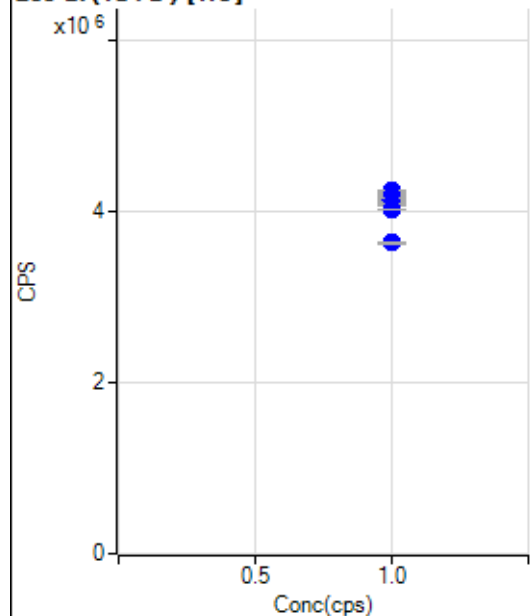
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11568082.74		A	0.7
2	☐	1.000		11525648.44		A	0.2
3	☐	1.000		11674543.30		A	1.6
4	☐	1.000		11791437.19		A	1.9
5	☐	1.000		11758293.30		A	1.2
6	☐	1.000		11740577.46		A	0.5
7	☐	1.000		11824619.96		A	0.3
8	☐	1.000		11143346.36		A	0.8

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6796132.75		A	1.1
2	☐	1.000		6802514.34		A	0.6
3	☐	1.000		6955618.37		A	0.4
4	☐	1.000		6940672.88		A	0.9
5	☐	1.000		6823984.06		A	0.8
6	☐	1.000		6923131.28		A	0.5
7	☐	1.000		6916662.54		A	1.0
8	☐	1.000		6559214.77		M	4.0

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7364496.00		A	1.0
2	☐	1.000		7328757.53		A	1.0
3	☐	1.000		7321860.72		A	1.1
4	☐	1.000		7509201.83		A	1.7
5	☐	1.000		7442299.06		A	1.0
6	☐	1.000		7298897.18		A	2.0
7	☐	1.000		7192287.74		A	1.3
8	☐	1.000		5668068.07		P	0.1

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4199703.23		P	0.8
2	☐	1.000		4175541.78		P	1.5
3	☐	1.000		4245917.30		P	0.7
4	☐	1.000		4179817.47		P	0.6
5	☐	1.000		4138981.01		P	1.3
6	☐	1.000		4089989.04		P	0.7
7	☐	1.000		4031528.83		P	0.1
8	☐	1.000		3641552.17		P	0.5

US EPA Tune Check Sample Report

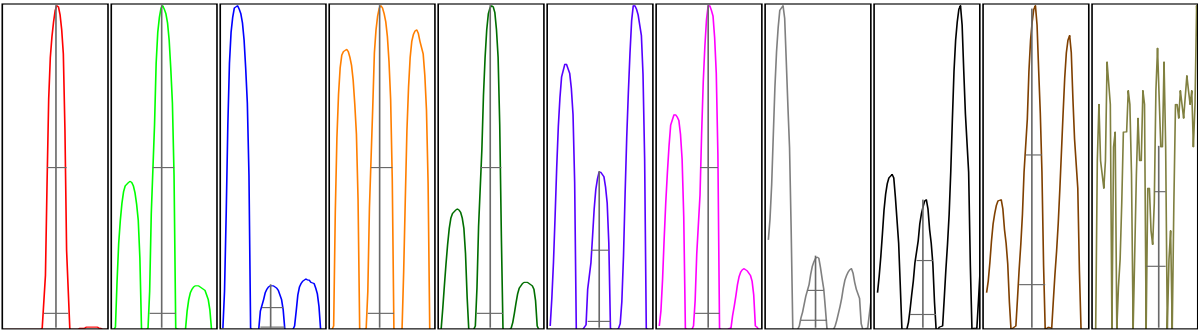
Batch Folder C:\Agilent\ICPMH\1\DATA\P7103020MS2.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	6249	0.85	5.00	
24	88463	0.47	5.00	
25	11997	0.23	5.00	
26	13893	0.30	5.00	
59	52529	0.52	5.00	
113	9087	0.66	5.00	
115	27954	1.23	5.00	
206	11226	0.48	5.00	
207	9890	0.89	5.00	
208	23313	0.73	5.00	
220	1	30.53		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	6192	6203	6254	6272	6323
24	88840	88052	88728	87964	88731
25	12018	11992	11950	12008	12014
26	13856	13858	13932	13874	13945
59	52417	52095	52661	52734	52737
113	9087	9033	9110	9173	9029
115	28353	28085	27972	27947	27411
206	11163	11193	11208	11279	11286
207	9808	9894	9897	10031	9822
208	23084	23373	23316	23546	23247
220	1	1	1	1	0

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	11716	9.05	8.9 - 9.1		0.726	0.900	
24	150556	23.95	23.9 - 24.1		0.774	0.900	
25	20177	24.95	24.9 - 25.1		0.740	0.900	
26	23344	25.95	25.9 - 26.1		0.774	0.900	
59	93740	59.00	58.9 - 59.1		0.774	0.900	
113	17525	113.00	112.9 - 113.1		0.692	0.900	
115	54177	115.00	114.9 - 115.1		0.719	0.900	
206	22784	205.95	205.9 - 206.1		0.738	0.900	
207	18869	206.90	206.9 - 207.1		0.739	0.900	
208	47032	207.90	207.9 - 208.1		0.741	0.900	
220	1	220.40	-		0.561		

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	10.7	V	Deflect	13.8	V
Extract 2	-195.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-85	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	190	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	15884	2.34	
89	51293	2.15	
205	30362	1.62	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	15233	15941	16157	16029	16060
89	49335	51584	51805	51889	51850
205	29544	30646	30668	30248	30705

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	10.2	V	Deflect	2.6	V
Extract 2	-200.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-95	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 :	LB111783	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:01:23	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.05	0.50	-0.46	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	0.00	0.00	N/A	ppb
Barium	135-1	0.00	0.01	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.01	-0.01	0.00	N/A	ppb
Beryllium	9-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.35	0.68	-0.34	0.00	N/A	ppb
Boron	11-1	-0.17	-0.20	0.37	0.00	N/A	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.08	0.09	-0.01	0.00	N/A	ppb
Cadmium	106-1	-1.03	1.18	-0.15	0.00	N/A	ppb
Cadmium	108-1	-0.03	0.00	0.03	0.00	N/A	ppb
Calcium	43-1	0.74	1.68	-2.42	0.00	N/A	ppb
Calcium	44-1	0.06	-0.59	0.53	0.00	N/A	ppb
Chromium	52-2	-0.01	0.01	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.03	-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	0.84	-0.12	-0.72	0.00	N/A	ppb
Iron	56-2	0.13	-0.05	-0.08	0.00	N/A	ppb
Iron	57-2	-0.51	0.97	-0.46	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	-0.01	0.00	0.01	0.00	N/A	ppb

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:01:23	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.15	0.16	-0.31	0.00	N/A	ppb
Manganese	55-2	-0.02	0.01	0.01	0.00	N/A	ppb
Molybdenum	94-1	0.00	-0.02	0.02	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	-0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	-0.01	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.01	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	-0.53	-8.50	-8.62	-5.88		ppb
Potassium	39-2	-2.84	2.72	0.13	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.23	-0.09	-0.14	0.00	N/A	ppb
Selenium	77-2	-0.11	0.23	-0.11	0.00	N/A	ppb
Selenium	78-2	0.32	-0.33	0.01	0.00	N/A	ppb
Silicon	28-1	-1.43	1.53	-0.09	0.00	N/A	ppb
Silver	109-1	0.01	-0.01	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.04	0.23	-0.26	0.00	N/A	ppb
Strontium	86-1	-0.02	0.02	0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-92.50	342.24	-60.31	63.14	383.64	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	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	0.00	-0.01	0.00	N/A	ppb
Titanium	47-1	-0.04	0.03	0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:01:23	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	-0.01	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.03	-0.04	0.08	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	-0.01	0.00	0.01	0.00	N/A	ppb

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:04:52	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.77	18.60	18.96	18.44	3.33	ppb
Antimony	121-1	1.79	1.71	1.75	1.75	2.44	ppb
Arsenic	75-2	0.92	0.93	0.79	0.88	9.10	ppb
Barium	135-1	8.79	8.78	8.83	8.80	0.32	ppb
Barium	137-1	8.64	8.43	8.90	8.66	2.74	ppb
Beryllium	9-1	1.03	0.88	0.95	0.96	7.53	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	19.72	20.99	20.65	20.45	3.22	ppb
Boron	11-1	20.16	20.65	22.09	20.97	4.79	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.04	0.88	1.24	1.05	17.11	ppb
Cadmium	106-1	-0.27	-1.80	1.26	-0.27		ppb
Cadmium	108-1	1.47	1.51	1.23	1.40	10.55	ppb
Calcium	43-1	431.74	452.73	430.29	438.25	2.87	ppb
Calcium	44-1	437.90	449.81	448.22	445.31	1.45	ppb
Chromium	52-2	1.92	1.87	1.64	1.81	8.17	ppb
Cobalt	59-2	0.91	0.95	0.84	0.90	6.02	ppb
Copper	63-2	2.08	2.13	1.99	2.07	3.55	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	43.63	46.72	45.55	45.30	3.44	ppb
Iron	56-2	46.63	46.34	43.49	45.49	3.82	ppb
Iron	57-2	44.65	44.46	39.10	42.74	7.37	ppb
Krypton	83-1						cps
Lead	206-1	0.73	0.72	0.75	0.74	2.53	ppb
Lead	207-1	0.68	0.70	0.71	0.70	2.17	ppb

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:04:52	DataFile Name :	004CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.73	0.74	0.75	0.74	1.52	ppb
Lithium	6-1				100		%
Magnesium	24-2	462.39	452.88	425.70	446.99	4.26	ppb
Manganese	55-2	0.82	0.88	0.76	0.82	7.27	ppb
Molybdenum	94-1	4.45	4.68	4.64	4.59	2.66	ppb
Molybdenum	95-1	4.23	4.55	4.60	4.46	4.48	ppb
Molybdenum	96-1	4.51	4.54	4.56	4.54	0.60	ppb
Molybdenum	97-1	4.44	4.73	4.56	4.58	3.16	ppb
Molybdenum	98-1	4.45	4.57	4.57	4.53	1.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.90	0.94	0.94	0.92	2.69	ppb
Phosphorus	31-2	-7.81	1.33	24.13	5.88	279.58	ppb
Potassium	39-2	451.56	453.27	443.18	449.34	1.20	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	5.05	5.39	4.64	5.02	7.40	ppb
Selenium	77-2	3.30	4.28	4.35	3.97	14.76	ppb
Selenium	78-2	5.20	4.29	3.27	4.25	22.66	ppb
Silicon	28-1	9.01	11.68	10.18	10.29	12.97	ppb
Silver	109-1	0.87	0.92	0.85	0.88	3.86	ppb
Silver	107-1	0.90	0.90	0.95	0.92	2.83	ppb
Sodium	23-2	474.50	475.36	457.93	469.26	2.09	ppb
Strontium	86-1	1.15	0.89	1.08	1.04	13.04	ppb
Strontium	88-1	0.87	0.92	0.91	0.90	3.02	ppb
Sulfur	34-1	-205.30	186.48	-170.61	-63.14		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.83	0.77	0.84	0.81	5.02	ppb
Thallium	205-1	0.80	0.77	0.79	0.78	1.97	ppb
Thorium	232-1	-0.01	0.00	0.00	0.00		ppb
Tin	118-1	4.40	4.38	4.45	4.41	0.87	ppb
Titanium	47-1	4.25	4.53	4.54	4.44	3.66	ppb
Uranium	238-1	0.71	0.76	0.74	0.74	2.88	ppb

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:04:52	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.42	4.56	4.19	4.39	4.27	ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	1.74	1.72	1.70	1.72	1.16	ppb
Zirconium	90-1	0.90	0.89	0.90	0.90	0.94	ppb
Zirconium	91-1	0.96	0.98	0.99	0.98	2.02	ppb

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:08:22	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	997.70	987.53	957.08	980.77	2.16	ppb
Antimony	121-1	49.99	49.61	49.05	49.55	0.95	ppb
Arsenic	75-2	50.46	50.93	49.30	50.23	1.68	ppb
Barium	135-1	248.65	243.68	243.01	245.11	1.26	ppb
Barium	137-1	245.43	243.11	238.93	242.49	1.36	ppb
Beryllium	9-1	52.08	51.37	50.14	51.20	1.91	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Boron	10-1	46.06	47.99	49.24	47.76	3.36	ppb
Boron	11-1	48.17	50.54	49.40	49.37	2.40	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	52.95	51.70	51.15	51.93	1.78	ppb
Cadmium	106-1	50.98	51.88	47.95	50.27	4.10	ppb
Cadmium	108-1	53.60	52.51	51.47	52.53	2.03	ppb
Calcium	43-1	5106.22	5196.82	5097.58	5133.54	1.07	ppb
Calcium	44-1	5161.11	5202.80	5054.62	5139.51	1.49	ppb
Chromium	52-2	51.18	50.29	49.69	50.39	1.49	ppb
Cobalt	59-2	52.21	51.09	50.68	51.33	1.55	ppb
Copper	63-2	515.34	504.65	495.89	505.29	1.93	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				101		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	54-2	2713.06	2673.77	2608.47	2665.10	1.98	ppb
Iron	56-2	2595.19	2540.88	2493.58	2543.21	2.00	ppb
Iron	57-2	2673.26	2613.61	2562.15	2616.34	2.13	ppb
Krypton	83-1						cps
Lead	206-1	224.11	223.14	219.88	222.38	1.00	ppb
Lead	207-1	218.36	216.87	215.15	216.79	0.74	ppb

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:08:22	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	224.27	222.53	221.83	222.88	0.56	ppb
Lithium	6-1				99		%
Magnesium	24-2	5223.97	5140.27	5013.11	5125.78	2.07	ppb
Manganese	55-2	509.40	504.87	493.34	502.53	1.65	ppb
Molybdenum	94-1	258.26	256.44	251.93	255.55	1.28	ppb
Molybdenum	95-1	260.75	255.78	253.59	256.71	1.43	ppb
Molybdenum	96-1	259.13	255.38	252.15	255.55	1.37	ppb
Molybdenum	97-1	262.25	255.80	254.38	257.48	1.63	ppb
Molybdenum	98-1	262.85	258.62	252.97	258.15	1.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.97	51.96	50.32	51.75	2.59	ppb
Phosphorus	31-2	1028.24	1005.68	1006.15	1013.36	1.27	ppb
Potassium	39-2	2578.99	2574.77	2540.92	2564.89	0.81	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	82-1	53.15	53.12	53.45	53.24	0.35	ppb
Selenium	77-2	47.33	49.62	47.80	48.25	2.50	ppb
Selenium	78-2	48.71	51.14	50.92	50.26	2.67	ppb
Silicon	28-1	54.06	58.21	57.13	56.47	3.81	ppb
Silver	109-1	52.55	51.87	50.84	51.76	1.66	ppb
Silver	107-1	52.50	52.08	51.09	51.89	1.40	ppb
Sodium	23-2	5289.81	5238.76	5176.52	5235.03	1.08	ppb
Strontium	86-1	52.44	50.92	51.21	51.52	1.56	ppb
Strontium	88-1	51.24	50.82	50.03	50.70	1.22	ppb
Sulfur	34-1	544.93	841.55	501.49	629.32	29.41	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	46.50	47.28	45.47	46.42	1.95	ppb
Thallium	205-1	44.89	45.38	44.12	44.79	1.41	ppb
Thorium	232-1	41.52	41.55	41.49	41.52	0.07	ppb
Tin	118-1	50.64	49.63	49.43	49.90	1.29	ppb
Titanium	47-1	250.97	252.22	251.37	251.52	0.25	ppb
Uranium	238-1	42.16	42.01	41.69	41.96	0.57	ppb

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:08:22	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	50.46	50.04	48.65	49.71	1.90	ppb
Yttrium	89-1				100		%
Yttrium	89-2				103		%
Zinc	66-2	527.36	517.33	507.32	517.34	1.94	ppb
Zirconium	90-1	51.44	50.61	50.50	50.85	1.02	ppb
Zirconium	91-1	51.74	51.65	49.23	50.87	2.80	ppb

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:11:52	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2509.37	2502.33	2462.68	2491.46	1.01	ppb
Antimony	121-1	123.26	124.22	126.56	124.68	1.36	ppb
Arsenic	75-2	125.70	124.64	122.96	124.43	1.11	ppb
Barium	135-1	611.97	604.50	626.02	614.16	1.78	ppb
Barium	137-1	604.06	598.17	615.16	605.79	1.42	ppb
Beryllium	9-1	126.48	128.05	128.30	127.61	0.77	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	121.10	129.25	118.74	123.03	4.48	ppb
Boron	11-1	123.77	121.60	123.81	123.06	1.03	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	128.58	128.51	131.21	129.43	1.19	ppb
Cadmium	106-1	129.35	127.11	131.53	129.33	1.71	ppb
Cadmium	108-1	131.93	128.90	127.65	129.49	1.70	ppb
Calcium	43-1	12760.64	12824.49	12598.14	12727.76	0.92	ppb
Calcium	44-1	12129.07	12201.56	12264.44	12198.36	0.56	ppb
Chromium	52-2	127.89	128.51	126.78	127.73	0.68	ppb
Cobalt	59-2	130.11	130.83	128.51	129.82	0.92	ppb
Copper	63-2	1268.99	1272.70	1259.31	1267.00	0.55	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				103		%
Indium	115-2				101		%
Iron	54-2	6758.33	6726.16	6655.02	6713.17	0.79	ppb
Iron	56-2	6496.77	6454.31	6440.38	6463.82	0.45	ppb
Iron	57-2	6609.44	6622.64	6498.90	6576.99	1.03	ppb
Krypton	83-1						cps
Lead	206-1	548.80	544.09	536.29	543.06	1.16	ppb
Lead	207-1	529.84	531.57	517.56	526.32	1.45	ppb

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:11:52	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	635.77	619.31	618.44	624.50	1.56	ppb
Lithium	6-1				98		%
Magnesium	24-2	12848.45	12915.07	12861.31	12874.94	0.27	ppb
Manganese	55-2	1266.92	1274.46	1251.62	1264.33	0.92	ppb
Molybdenum	94-1	622.43	640.26	631.89	631.53	1.41	ppb
Molybdenum	95-1	619.72	643.90	631.38	631.67	1.91	ppb
Molybdenum	96-1	624.03	644.97	635.50	634.83	1.65	ppb
Molybdenum	97-1	623.62	646.76	638.97	636.45	1.85	ppb
Molybdenum	98-1	628.89	654.74	645.89	643.17	2.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	130.62	131.36	130.09	130.69	0.49	ppb
Phosphorus	31-2	2504.95	2531.02	2556.33	2530.77	1.02	ppb
Potassium	39-2	6466.21	6529.80	6446.15	6480.72	0.67	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	125.69	132.56	130.22	129.49	2.70	ppb
Selenium	77-2	117.55	116.65	114.13	116.11	1.53	ppb
Selenium	78-2	129.13	131.02	130.56	130.23	0.76	ppb
Silicon	28-1	128.56	133.31	135.04	132.30	2.54	ppb
Silver	109-1	128.06	126.12	130.32	128.17	1.64	ppb
Silver	107-1	128.19	127.90	129.92	128.67	0.85	ppb
Sodium	23-2	12567.83	12436.10	12557.01	12520.32	0.58	ppb
Strontium	86-1	126.90	129.75	125.40	127.35	1.73	ppb
Strontium	88-1	123.93	125.65	125.35	124.97	0.73	ppb
Sulfur	34-1	1650.66	1878.25	1567.78	1698.90	9.46	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	114.37	112.66	111.38	112.80	1.33	ppb
Thallium	205-1	110.50	110.16	106.66	109.11	1.94	ppb
Thorium	232-1	104.93	102.33	101.08	102.78	1.91	ppb
Tin	118-1	124.75	127.35	127.07	126.39	1.13	ppb
Titanium	47-1	614.93	626.23	624.20	621.79	0.97	ppb
Uranium	238-1	106.36	103.39	103.09	104.28	1.73	ppb

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:11:52	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	126.70	126.77	125.35	126.27	0.63	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	1305.94	1311.70	1296.48	1304.71	0.59	ppb
Zirconium	90-1	123.54	127.16	125.74	125.48	1.45	ppb
Zirconium	91-1	125.93	128.52	128.46	127.64	1.15	ppb

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:15:19	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4913.65	4977.07	4909.65	4933.46	0.77	ppb
Antimony	121-1	244.86	241.51	248.33	244.90	1.39	ppb
Arsenic	75-2	250.49	251.17	247.33	249.67	0.82	ppb
Barium	135-1	1200.82	1197.38	1225.64	1207.95	1.28	ppb
Barium	137-1	1193.48	1185.82	1223.52	1200.94	1.66	ppb
Beryllium	9-1	251.38	251.45	252.92	251.92	0.35	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	241.75	244.54	249.72	245.34	1.65	ppb
Boron	11-1	246.32	247.19	248.49	247.33	0.44	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	258.30	249.82	259.95	256.02	2.12	ppb
Cadmium	106-1	260.16	250.04	263.97	258.06	2.79	ppb
Cadmium	108-1	259.27	249.36	261.96	256.86	2.58	ppb
Calcium	43-1	25143.41	25275.21	25118.66	25179.09	0.33	ppb
Calcium	44-1	23881.61	24285.74	23756.34	23974.56	1.15	ppb
Chromium	52-2	256.28	256.36	254.12	255.59	0.50	ppb
Cobalt	59-2	258.89	259.52	257.18	258.53	0.47	ppb
Copper	63-2	2594.47	2590.51	2544.12	2576.37	1.09	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				100		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	54-2	13423.69	13370.96	13315.35	13370.00	0.41	ppb
Iron	56-2	12856.53	12917.37	12770.03	12847.98	0.58	ppb
Iron	57-2	13138.95	13215.62	13058.32	13137.63	0.60	ppb
Krypton	83-1						cps
Lead	206-1	1201.93	1245.93	1230.37	1226.07	1.82	ppb
Lead	207-1	1201.08	1258.41	1249.04	1236.18	2.49	ppb

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:15:19	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	1222.41	1252.23	1241.78	1238.81	1.22	ppb
Lithium	6-1				98		%
Magnesium	24-2	24897.74	24858.24	24533.68	24763.22	0.81	ppb
Manganese	55-2	2530.05	2529.03	2508.57	2522.55	0.48	ppb
Molybdenum	94-1	1275.94	1250.10	1242.69	1256.24	1.39	ppb
Molybdenum	95-1	1275.44	1256.53	1241.77	1257.91	1.34	ppb
Molybdenum	96-1	1269.08	1239.72	1247.63	1252.15	1.21	ppb
Molybdenum	97-1	1278.77	1258.75	1255.12	1264.21	1.01	ppb
Molybdenum	98-1	1259.77	1264.32	1252.32	1258.81	0.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	259.98	259.82	256.47	258.76	0.77	ppb
Phosphorus	31-2	5052.26	5103.10	5001.28	5052.21	1.01	ppb
Potassium	39-2	12767.13	12839.15	12806.69	12804.32	0.28	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	260.43	259.41	253.41	257.75	1.47	ppb
Selenium	77-2	252.72	259.23	252.02	254.65	1.56	ppb
Selenium	78-2	251.70	258.06	248.10	252.62	2.00	ppb
Silicon	28-1	257.98	267.43	263.34	262.92	1.80	ppb
Silver	109-1	252.37	243.65	254.40	250.14	2.28	ppb
Silver	107-1	254.35	249.20	257.97	253.84	1.74	ppb
Sodium	23-2	24867.76	24907.12	25000.50	24925.13	0.27	ppb
Strontium	86-1	261.42	254.10	250.79	255.44	2.13	ppb
Strontium	88-1	256.32	250.49	249.76	252.19	1.43	ppb
Sulfur	34-1	4662.21	4780.04	4356.75	4599.67	4.75	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	224.74	228.15	226.57	226.49	0.75	ppb
Thallium	205-1	216.33	221.88	219.61	219.28	1.27	ppb
Thorium	232-1	243.46	246.16	246.50	245.37	0.68	ppb
Tin	118-1	248.64	241.81	250.09	246.84	1.79	ppb
Titanium	47-1	1236.54	1236.51	1212.31	1228.45	1.14	ppb
Uranium	238-1	239.66	243.88	243.55	242.36	0.97	ppb

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:15:19	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	253.10	254.03	251.37	252.83	0.53	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	2621.55	2621.75	2580.26	2607.85	0.92	ppb
Zirconium	90-1	252.04	250.72	246.42	249.73	1.18	ppb
Zirconium	91-1	257.55	251.10	250.91	253.19	1.49	ppb

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:18:43	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9876.63	9936.01	9858.40	9890.35	0.41	ppb
Antimony	121-1	486.55	486.87	484.18	485.87	0.30	ppb
Arsenic	75-2	506.60	504.07	503.40	504.69	0.33	ppb
Barium	135-1	2429.20	2421.21	2389.86	2413.42	0.86	ppb
Barium	137-1	2521.31	2503.46	2490.28	2505.02	0.62	ppb
Beryllium	9-1	505.33	502.95	506.83	505.04	0.39	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	10-1	509.24	499.43	509.24	505.97	1.12	ppb
Boron	11-1	499.34	506.95	510.49	505.59	1.13	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	507.73	506.82	501.84	505.46	0.63	ppb
Cadmium	106-1	499.28	505.88	495.98	500.38	1.01	ppb
Cadmium	108-1	501.35	508.55	499.64	503.18	0.94	ppb
Calcium	43-1	51234.66	51213.95	51945.50	51464.70	0.81	ppb
Calcium	44-1	48508.72	48735.59	49172.79	48805.70	0.69	ppb
Chromium	52-2	511.88	510.40	509.91	510.73	0.20	ppb
Cobalt	59-2	514.41	513.99	510.87	513.09	0.38	ppb
Copper	63-2	5151.06	5194.87	5089.62	5145.18	1.03	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				101		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	54-2	26734.52	26871.23	26615.44	26740.39	0.48	ppb
Iron	56-2	25823.78	25924.01	25871.14	25872.98	0.19	ppb
Iron	57-2	26071.42	26265.31	26189.45	26175.40	0.37	ppb
Krypton	83-1						cps
Lead	206-1	2447.09	2544.96	2552.91	2514.99	2.34	ppb
Lead	207-1	2483.13	2500.81	2553.74	2512.56	1.46	ppb

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:18:43	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	2510.46	2542.57	2531.78	2528.27	0.65	ppb
Lithium	6-1				96		%
Magnesium	24-2	49447.56	49874.78	49774.05	49698.80	0.45	ppb
Manganese	55-2	5107.97	5103.33	5058.19	5089.83	0.54	ppb
Molybdenum	94-1	2525.23	2541.19	2514.44	2526.95	0.53	ppb
Molybdenum	95-1	2500.23	2566.96	2521.10	2529.43	1.35	ppb
Molybdenum	96-1	2548.23	2546.39	2547.38	2547.34	0.04	ppb
Molybdenum	97-1	2536.42	2583.40	2586.57	2568.80	1.09	ppb
Molybdenum	98-1	2509.76	2540.55	2588.48	2546.26	1.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	517.85	518.98	509.49	515.44	1.01	ppb
Phosphorus	31-2	10221.73	10227.41	10225.92	10225.02	0.03	ppb
Potassium	39-2	24569.91	24690.31	24273.04	24511.09	0.88	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	82-1	511.98	514.97	512.07	513.01	0.33	ppb
Selenium	77-2	506.22	489.91	511.86	502.66	2.27	ppb
Selenium	78-2	511.69	508.39	512.80	510.96	0.45	ppb
Silicon	28-1	510.71	525.67	533.30	523.23	2.20	ppb
Silver	109-1	499.78	494.06	490.30	494.71	0.96	ppb
Silver	107-1	496.81	500.08	491.49	496.12	0.87	ppb
Sodium	23-2	49874.48	50756.84	50145.35	50258.89	0.90	ppb
Strontium	86-1	507.09	513.01	508.46	509.52	0.61	ppb
Strontium	88-1	507.34	508.72	508.13	508.06	0.14	ppb
Sulfur	34-1	9947.23	10386.49	10344.73	10226.15	2.37	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	457.26	466.48	467.44	463.73	1.21	ppb
Thallium	205-1	494.25	505.09	508.88	502.74	1.51	ppb
Thorium	232-1	499.63	497.84	502.46	499.98	0.47	ppb
Tin	118-1	494.25	490.48	491.11	491.95	0.41	ppb
Titanium	47-1	2496.20	2531.77	2524.87	2517.61	0.75	ppb
Uranium	238-1	493.93	506.01	503.96	501.30	1.29	ppb

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:18:43	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	510.17	507.25	504.94	507.45	0.52	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	5207.82	5165.75	5133.24	5168.94	0.72	ppb
Zirconium	90-1	510.75	508.61	506.34	508.57	0.43	ppb
Zirconium	91-1	506.31	508.08	506.89	507.10	0.18	ppb

LB Number : LB111783 Operator : JASWAL
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-30 17:22:02 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19037.24	19438.45	19121.66	19199.11	1.10	ppb
Antimony	121-1	994.31	1008.13	1022.77	1008.40	1.41	ppb
Arsenic	75-2	994.13	997.79	1001.48	997.80	0.37	ppb
Barium	135-1	4951.43	5062.55	5152.22	5055.40	1.99	ppb
Barium	137-1	4954.48	5020.68	5062.45	5012.53	1.09	ppb
Beryllium	9-1	998.92	995.24	995.69	996.61	0.20	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Boron	10-1	989.91	994.90	1011.14	998.65	1.11	ppb
Boron	11-1	990.41	992.77	1011.56	998.25	1.16	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	978.90	998.10	1008.34	995.11	1.50	ppb
Cadmium	106-1	990.00	989.71	1012.01	997.24	1.28	ppb
Cadmium	108-1	986.85	997.81	1003.36	996.01	0.84	ppb
Calcium	43-1	99143.43	101032.05	99226.82	99800.77	1.07	ppb
Calcium	44-1	95736.14	96070.51	94944.50	95583.72	0.60	ppb
Chromium	52-2	990.01	996.34	992.28	992.88	0.32	ppb
Cobalt	59-2	988.99	991.48	991.49	990.65	0.15	ppb
Copper	63-2	9817.87	9998.60	9901.30	9905.93	0.91	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				102		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	54-2	50343.56	51027.37	50239.68	50536.87	0.85	ppb
Iron	56-2	50467.84	50995.98	50732.51	50732.11	0.52	ppb
Iron	57-2	50710.15	51276.15	50766.60	50917.64	0.61	ppb
Krypton	83-1						cps
Lead	206-1	5075.52	4975.62	4979.19	5010.11	1.13	ppb
Lead	207-1	5085.79	4973.27	4974.45	5011.17	1.29	ppb

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:22:02	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	5066.85	4937.86	4965.53	4990.08	1.36	ppb
Lithium	6-1				94		%
Magnesium	24-2	96911.48	96941.31	96342.11	96731.63	0.35	ppb
Manganese	55-2	9812.37	10009.17	10021.06	9947.53	1.18	ppb
Molybdenum	94-1	4975.45	4989.36	4986.80	4983.87	0.15	ppb
Molybdenum	95-1	4994.59	4981.33	4970.49	4982.14	0.24	ppb
Molybdenum	96-1	4992.27	5010.60	4919.99	4974.29	0.96	ppb
Molybdenum	97-1	4941.58	5036.22	4902.93	4960.24	1.38	ppb
Molybdenum	98-1	4961.33	4983.83	4970.80	4971.99	0.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	986.91	990.50	990.47	989.29	0.21	ppb
Phosphorus	31-2	19724.03	20264.57	19621.17	19869.92	1.74	ppb
Potassium	39-2	47591.25	48204.62	47452.69	47749.52	0.84	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	82-1	1000.35	995.08	977.08	990.84	1.23	ppb
Selenium	77-2	1020.18	1004.04	971.90	998.71	2.46	ppb
Selenium	78-2	991.91	993.41	994.29	993.20	0.12	ppb
Silicon	28-1	961.23	992.66	997.87	983.92	2.01	ppb
Silver	109-1	977.14	1001.81	1027.42	1002.12	2.51	ppb
Silver	107-1	994.74	1002.41	1004.13	1000.43	0.50	ppb
Sodium	23-2	97630.76	98933.60	97089.82	97884.73	0.97	ppb
Strontium	86-1	1000.20	998.75	981.57	993.51	1.04	ppb
Strontium	88-1	998.53	997.30	990.34	995.39	0.44	ppb
Sulfur	34-1	19822.49	20364.55	20130.00	20105.68	1.35	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	1041.10	1025.26	1010.80	1025.72	1.48	ppb
Thallium	205-1	1023.18	995.10	1007.39	1008.56	1.40	ppb
Thorium	232-1	1012.02	1004.28	996.82	1004.37	0.76	ppb
Tin	118-1	992.11	1002.01	1019.82	1004.65	1.40	ppb
Titanium	47-1	4989.07	4996.99	5004.66	4996.91	0.16	ppb
Uranium	238-1	1013.59	994.83	1004.34	1004.25	0.93	ppb

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:22:02	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	989.62	1003.28	993.38	995.42	0.71	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	9798.66	9976.62	9867.31	9880.86	0.91	ppb
Zirconium	90-1	1004.57	989.22	993.24	995.68	0.80	ppb
Zirconium	91-1	1003.84	997.65	984.35	995.28	1.00	ppb

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:25:19	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99746.45	101006.96	99771.21	100174.88	0.72	ppb
Antimony	121-1	0.96	0.94	0.87	0.92	5.15	ppb
Arsenic	75-2	0.44	0.37	0.44	0.42	9.88	ppb
Barium	135-1	9.48	8.90	8.85	9.08	3.87	ppb
Barium	137-1	9.06	8.90	9.10	9.02	1.17	ppb
Beryllium	9-1	0.17	0.09	0.06	0.11	51.71	ppb
Bismuth	209-1				77		%
Bismuth	209-2				87		%
Boron	10-1	58.27	50.34	49.85	52.82	8.95	ppb
Boron	11-1	55.77	52.18	50.78	52.91	4.86	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.44	0.30	0.42	0.39	19.37	ppb
Cadmium	106-1	1.16	-0.72	0.55	0.33	291.40	ppb
Cadmium	108-1	0.82	1.02	0.71	0.85	18.65	ppb
Calcium	43-1	508253.48	493557.63	497821.25	499877.45	1.51	ppb
Calcium	44-1	508266.89	489663.62	505249.97	501060.16	1.99	ppb
Chromium	52-2	3.42	3.59	3.53	3.51	2.44	ppb
Cobalt	59-2	1.87	1.96	1.86	1.89	2.94	ppb
Copper	63-2	3.96	3.84	3.90	3.90	1.50	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				96		%
Holmium	165-2				97		%
Indium	115-1				95		%
Indium	115-2				95		%
Iron	54-2	249121.86	249868.31	249995.41	249661.86	0.19	ppb
Iron	56-2	249283.20	250021.69	249924.42	249743.10	0.16	ppb
Iron	57-2	249604.16	250191.81	249177.17	249657.72	0.20	ppb
Krypton	83-1						cps
Lead	206-1	9.61	8.56	7.61	8.60	11.60	ppb
Lead	207-1	9.33	8.19	7.18	8.24	13.07	ppb

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:25:19	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	16.80	15.07	13.44	15.10	11.15	ppb
Lithium	6-1				90		%
Magnesium	24-2	499614.30	503326.86	499114.00	500685.05	0.46	ppb
Manganese	55-2	8.59	8.59	8.61	8.59	0.13	ppb
Molybdenum	94-1	1.47	1.44	1.46	1.46	0.95	ppb
Molybdenum	95-1	1.58	1.46	1.49	1.51	3.99	ppb
Molybdenum	96-1	2.44	2.51	2.49	2.48	1.40	ppb
Molybdenum	97-1	1.38	1.36	1.38	1.38	0.89	ppb
Molybdenum	98-1	1.32	1.29	1.24	1.28	2.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.95	2.86	3.07	2.96	3.50	ppb
Phosphorus	31-2	6.69	6.79	-14.75	-0.42		ppb
Potassium	39-2	250226.52	249749.37	251456.48	250477.46	0.35	ppb
Rhodium	103-1				89		%
Rhodium	103-2				89		%
Scandium	45-1				97		%
Scandium	45-2				102		%
Selenium	82-1	1.91	0.73	1.68	1.44	43.33	ppb
Selenium	77-2	1.98	0.23	-0.11	0.70	160.83	ppb
Selenium	78-2	0.09	0.09	1.54	0.57	146.18	ppb
Silicon	28-1	100.18	97.44	93.88	97.17	3.25	ppb
Silver	109-1	0.55	0.55	0.56	0.55	0.88	ppb
Silver	107-1	0.60	0.55	0.59	0.58	4.64	ppb
Sodium	23-2	495900.46	504942.11	500351.68	500398.08	0.90	ppb
Strontium	86-1	5.94	5.89	6.02	5.95	1.15	ppb
Strontium	88-1	5.83	5.75	5.75	5.78	0.81	ppb
Sulfur	34-1	-1489.02	-1458.78	-1661.42	-1536.40		ppb
Terbium	159-1				96		%
Terbium	159-2				98		%
Thallium	203-1	0.09	0.10	0.09	0.09	8.13	ppb
Thallium	205-1	0.10	0.09	0.09	0.10	8.97	ppb
Thorium	232-1	0.18	0.18	0.15	0.17	7.91	ppb
Tin	118-1	0.72	0.70	0.65	0.69	5.58	ppb
Titanium	47-1	0.54	0.52	0.49	0.51	4.81	ppb
Uranium	238-1	0.14	0.12	0.14	0.13	12.07	ppb

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:25:19	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.22	0.23	0.25	0.23	5.90	ppb
Yttrium	89-1				97		%
Yttrium	89-2				100		%
Zinc	66-2	27.84	27.18	27.18	27.40	1.39	ppb
Zirconium	90-1	0.27	0.29	0.27	0.28	4.79	ppb
Zirconium	91-1	0.27	0.28	0.32	0.29	9.69	ppb

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:38:36	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	485.57	476.23	423.40	461.73	7.26	ppb
Antimony	121-1	185.89	185.28	182.58	184.58	0.96	ppb
Arsenic	75-2	195.34	187.97	175.40	186.24	5.41	ppb
Barium	135-1	95.35	93.43	93.10	93.96	1.29	ppb
Barium	137-1	93.74	94.17	92.90	93.60	0.69	ppb
Beryllium	9-1	94.19	94.17	93.30	93.89	0.54	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	677.01	672.50	678.19	675.90	0.44	ppb
Boron	11-1	684.21	673.72	669.30	675.74	1.13	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	103.86	103.42	101.94	103.07	0.98	ppb
Cadmium	106-1	187.92	192.64	182.92	187.83	2.59	ppb
Cadmium	108-1	167.85	166.91	162.16	165.64	1.84	ppb
Calcium	43-1	2131.42	2120.99	2119.53	2123.98	0.31	ppb
Calcium	44-1	2030.62	2038.85	1978.53	2016.00	1.62	ppb
Chromium	52-2	98.15	95.36	86.17	93.23	6.72	ppb
Cobalt	59-2	101.10	97.91	90.13	96.38	5.85	ppb
Copper	63-2	102.15	98.91	90.45	97.17	6.22	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				101		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	54-2	2061.41	2010.17	1803.83	1958.47	6.96	ppb
Iron	56-2	1963.00	1926.00	1728.41	1872.47	6.74	ppb
Iron	57-2	1983.26	1924.70	1744.76	1884.24	6.60	ppb
Krypton	83-1						cps
Lead	206-1	181.70	180.29	181.35	181.11	0.40	ppb
Lead	207-1	163.45	164.72	165.66	164.61	0.67	ppb

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:38:36	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	311.40	308.78	313.04	311.07	0.69	ppb
Lithium	6-1				98		%
Magnesium	24-2	1148.40	1126.11	1013.32	1095.94	6.61	ppb
Manganese	55-2	98.12	96.95	87.53	94.20	6.16	ppb
Molybdenum	94-1	2670.00	2672.61	2610.80	2651.14	1.32	ppb
Molybdenum	95-1	2614.10	2633.04	2611.15	2619.43	0.45	ppb
Molybdenum	96-1	2659.45	2660.62	2624.75	2648.27	0.77	ppb
Molybdenum	97-1	2639.32	2654.04	2626.32	2639.89	0.53	ppb
Molybdenum	98-1	2628.25	2637.29	2596.18	2620.57	0.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	102.29	99.45	90.62	97.45	6.25	ppb
Phosphorus	31-2	-6.18	-11.04	-11.49	-9.57		ppb
Potassium	39-2	1922.69	1885.05	1803.99	1870.58	3.24	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	192.40	192.78	196.87	194.02	1.28	ppb
Selenium	77-2	179.20	189.98	179.40	182.86	3.37	ppb
Selenium	78-2	194.76	197.69	183.64	192.03	3.86	ppb
Silicon	28-1	503.57	505.37	500.62	503.19	0.48	ppb
Silver	109-1	47.32	47.73	46.69	47.25	1.10	ppb
Silver	107-1	49.40	48.08	47.06	48.18	2.43	ppb
Sodium	23-2	2001.44	1972.93	1845.56	1939.98	4.28	ppb
Strontium	86-1	554.99	560.87	555.90	557.25	0.57	ppb
Strontium	88-1	557.77	559.39	550.96	556.04	0.80	ppb
Sulfur	34-1	-1586.31	-1952.01	-2286.35	-1941.56		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	189.82	189.03	191.04	189.96	0.53	ppb
Thallium	205-1	183.75	182.60	183.03	183.12	0.32	ppb
Thorium	232-1	4.92	4.92	4.97	4.94	0.61	ppb
Tin	118-1	550.98	547.67	538.74	545.80	1.16	ppb
Titanium	47-1	2618.26	2573.56	2562.18	2584.67	1.15	ppb
Uranium	238-1	531.79	520.35	534.49	528.87	1.42	ppb

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:38:36	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	96.20	92.57	84.46	91.07	6.60	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	197.99	195.06	176.19	189.75	6.23	ppb
Zirconium	90-1	547.12	550.43	538.05	545.20	1.18	ppb
Zirconium	91-1	546.46	552.08	547.10	548.55	0.56	ppb

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:42:03	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.32	18.34	18.01	18.89	6.62	ppb
Antimony	121-1	1.87	1.77	1.90	1.85	3.70	ppb
Arsenic	75-2	0.97	0.92	0.82	0.90	8.55	ppb
Barium	135-1	8.64	8.39	8.69	8.57	1.87	ppb
Barium	137-1	8.85	8.31	8.55	8.57	3.18	ppb
Beryllium	9-1	0.90	0.89	0.89	0.89	0.54	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	37.19	38.06	36.72	37.32	1.81	ppb
Boron	11-1	38.41	36.96	38.16	37.84	2.04	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.07	1.02	1.08	1.06	3.21	ppb
Cadmium	106-1	-0.21	-1.37	0.52	-0.35		ppb
Cadmium	108-1	1.23	1.10	1.25	1.19	6.60	ppb
Calcium	43-1	486.38	454.84	469.97	470.39	3.35	ppb
Calcium	44-1	468.66	456.47	455.42	460.18	1.60	ppb
Chromium	52-2	1.98	1.89	1.75	1.87	6.18	ppb
Cobalt	59-2	0.96	0.92	0.94	0.94	1.81	ppb
Copper	63-2	2.35	2.20	2.02	2.19	7.54	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				100		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	54-2	49.69	48.24	47.96	48.63	1.91	ppb
Iron	56-2	50.26	47.22	43.75	47.07	6.93	ppb
Iron	57-2	53.58	47.32	46.80	49.23	7.67	ppb
Krypton	83-1						cps
Lead	206-1	0.90	0.86	0.90	0.89	2.93	ppb
Lead	207-1	0.79	0.87	0.82	0.83	4.75	ppb

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:42:03	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	1.62	1.62	1.60	1.61	0.63	ppb
Lithium	6-1				98		%
Magnesium	24-2	483.46	448.60	426.83	452.96	6.31	ppb
Manganese	55-2	0.90	0.85	0.84	0.87	4.03	ppb
Molybdenum	94-1	4.87	4.78	4.59	4.74	2.98	ppb
Molybdenum	95-1	4.70	4.63	4.79	4.71	1.74	ppb
Molybdenum	96-1	4.73	4.69	4.72	4.72	0.43	ppb
Molybdenum	97-1	4.63	4.69	4.72	4.68	1.00	ppb
Molybdenum	98-1	4.76	4.85	4.74	4.78	1.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.10	0.99	0.83	0.97	14.06	ppb
Phosphorus	31-2	-4.31	-6.63	-10.08	-7.01		ppb
Potassium	39-2	499.20	464.85	451.89	471.98	5.18	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	82-1	5.41	4.89	4.67	4.99	7.60	ppb
Selenium	77-2	5.25	2.61	2.92	3.60	40.19	ppb
Selenium	78-2	3.04	4.84	4.10	3.99	22.71	ppb
Silicon	28-1	36.36	32.12	31.81	33.43	7.60	ppb
Silver	109-1	0.90	0.90	0.90	0.90	0.08	ppb
Silver	107-1	0.92	0.86	0.91	0.89	3.75	ppb
Sodium	23-2	524.49	494.33	479.09	499.30	4.63	ppb
Strontium	86-1	0.90	0.84	0.91	0.89	4.24	ppb
Strontium	88-1	0.92	0.92	0.90	0.91	1.16	ppb
Sulfur	34-1	-1835.19	-1961.75	-1892.56	-1896.50		ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.77	0.85	0.83	0.82	5.13	ppb
Thallium	205-1	0.77	0.82	0.76	0.78	4.68	ppb
Thorium	232-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	4.73	4.48	4.73	4.65	3.03	ppb
Titanium	47-1	4.30	4.35	4.64	4.43	4.18	ppb
Uranium	238-1	0.74	0.75	0.73	0.74	1.65	ppb

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:42:03	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.61	4.39	4.31	4.44	3.58	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	2.28	1.95	1.95	2.06	9.16	ppb
Zirconium	90-1	0.98	0.94	0.94	0.95	2.52	ppb
Zirconium	91-1	1.04	0.89	0.90	0.94	9.29	ppb

LB Number : LB111783 Operator : JASWAL
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-30 17:45:35 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.67	-0.60	-0.74	-0.67		ppb
Antimony	121-1	0.02	0.02	0.03	0.02	20.24	ppb
Arsenic	75-2	0.01	0.00	-0.01	0.00	469.63	ppb
Barium	135-1	-0.01	-0.02	-0.02	-0.02		ppb
Barium	137-1	-0.02	-0.02	-0.03	-0.02		ppb
Beryllium	9-1	-0.01	0.01	0.00	0.00	1771.06	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	13.50	14.93	13.67	14.03	5.54	ppb
Boron	11-1	13.62	13.95	13.38	13.65	2.08	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.18	-0.20	-0.12	-0.17		ppb
Cadmium	106-1	-2.07	-2.55	-1.47	-2.03		ppb
Cadmium	108-1	0.07	0.05	0.10	0.07	34.07	ppb
Calcium	43-1	-4.96	-6.03	-3.27	-4.76		ppb
Calcium	44-1	-4.29	-4.91	-2.83	-4.01		ppb
Chromium	52-2	-0.01	-0.01	0.02	0.00	655.85	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	82.80	ppb
Copper	63-2	0.07	0.03	0.01	0.03	90.17	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				102		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	54-2	-2.46	-3.15	-0.18	-1.93		ppb
Iron	56-2	-1.62	-1.46	-1.47	-1.52		ppb
Iron	57-2	-2.94	-0.27	-2.02	-1.74		ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.09	0.06	0.08	17.19	ppb
Lead	207-1	0.05	0.05	0.06	0.05	15.51	ppb

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:45:35	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.19	0.18	0.19	0.19	1.25	ppb
Lithium	6-1				98		%
Magnesium	24-2	-3.01	-1.96	-2.80	-2.59		ppb
Manganese	55-2	-0.05	-0.05	-0.06	-0.05		ppb
Molybdenum	94-1	0.04	0.00	0.01	0.02	105.30	ppb
Molybdenum	95-1	0.03	0.02	0.02	0.03	19.97	ppb
Molybdenum	96-1	0.04	0.03	0.05	0.04	26.92	ppb
Molybdenum	97-1	0.05	0.06	0.06	0.06	7.01	ppb
Molybdenum	98-1	0.03	0.04	0.01	0.03	54.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.01	-0.02	0.00		ppb
Phosphorus	31-2	-3.22	-11.19	-12.32	-8.91		ppb
Potassium	39-2	-1.01	-2.64	6.22	0.86	549.23	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	82-1	0.78	0.48	0.59	0.62	24.99	ppb
Selenium	77-2	-0.11	-0.11	-0.11	-0.11		ppb
Selenium	78-2	-0.16	-0.72	-0.79	-0.56		ppb
Silicon	28-1	20.18	17.44	18.70	18.77	7.30	ppb
Silver	109-1	0.00	0.00	0.00	0.00	50.81	ppb
Silver	107-1	0.00	0.01	0.01	0.01	68.61	ppb
Sodium	23-2	14.04	14.91	17.41	15.45	11.31	ppb
Strontium	86-1	-0.02	-0.03	0.12	0.02	351.71	ppb
Strontium	88-1	-0.01	0.00	0.00	0.00		ppb
Sulfur	34-1	-1658.95	-1872.10	-1588.17	-1706.41		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Thorium	232-1	-0.02	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.06	0.06	0.04	0.05	22.60	ppb
Titanium	47-1	0.05	0.05	0.04	0.04	16.82	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:45:35	DataFile Name :	014CCBE.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				103		%
Yttrium	89-2				102		%
Zinc	66-2	-0.03	-0.01	0.00	-0.01		ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	107.21	ppb
Zirconium	91-1	0.00	0.01	0.01	0.01	88.13	ppb

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:49:06	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	86929.38	86347.03	87314.10	86863.50	0.56	ppb
Antimony	121-1	1.06	1.12	1.11	1.09	2.88	ppb
Arsenic	75-2	0.29	0.39	0.31	0.33	16.06	ppb
Barium	135-1	1.33	1.43	1.24	1.33	6.98	ppb
Barium	137-1	1.16	1.22	1.28	1.22	4.77	ppb
Beryllium	9-1	0.30	0.30	0.28	0.29	4.74	ppb
Bismuth	209-1				96		%
Bismuth	209-2				96		%
Boron	10-1	12.85	12.98	11.98	12.60	4.32	ppb
Boron	11-1	12.44	12.66	12.34	12.48	1.31	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.26	0.40	0.30	0.32	21.80	ppb
Cadmium	106-1	-3.50	-0.98	-2.27	-2.25		ppb
Cadmium	108-1	13.42	14.11	14.46	14.00	3.78	ppb
Calcium	43-1	94965.33	96821.47	94151.93	95312.91	1.44	ppb
Calcium	44-1	91412.20	91766.90	91020.06	91399.72	0.41	ppb
Chromium	52-2	18.89	18.86	18.82	18.86	0.20	ppb
Cobalt	59-2	1.17	1.09	1.22	1.16	5.79	ppb
Copper	63-2	9.68	9.67	9.80	9.72	0.73	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				101		%
Indium	115-2				102		%
Iron	54-2	94759.00	92926.37	96113.97	94599.78	1.69	ppb
Iron	56-2	96072.32	94468.11	96483.44	95674.62	1.11	ppb
Iron	57-2	95810.61	94479.80	97621.69	95970.70	1.64	ppb
Krypton	83-1						cps
Lead	206-1	3.95	3.85	4.01	3.94	2.15	ppb
Lead	207-1	3.32	3.41	3.23	3.32	2.82	ppb

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:49:06	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	6.52	6.47	6.47	6.49	0.41	ppb
Lithium	6-1				96		%
Magnesium	24-2	89016.90	87902.50	89286.21	88735.20	0.83	ppb
Manganese	55-2	7.04	7.04	7.19	7.09	1.20	ppb
Molybdenum	94-1	1271.69	1282.76	1309.15	1287.87	1.49	ppb
Molybdenum	95-1	1856.89	1815.61	1893.72	1855.41	2.11	ppb
Molybdenum	96-1	1774.67	1769.29	1808.71	1784.22	1.20	ppb
Molybdenum	97-1	1849.57	1836.60	1875.21	1853.79	1.06	ppb
Molybdenum	98-1	1847.84	1871.41	1882.90	1867.38	0.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.09	5.15	5.21	5.15	1.13	ppb
Phosphorus	31-2	92643.33	91679.24	93049.18	92457.25	0.76	ppb
Potassium	39-2	90258.42	90300.00	92114.11	90890.84	1.17	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				103		%
Selenium	82-1	0.76	1.37	0.28	0.80	68.37	ppb
Selenium	77-2	0.87	0.21	-0.11	0.32	155.53	ppb
Selenium	78-2	0.01	-0.92	1.47	0.19	648.64	ppb
Silicon	28-1	32.03	35.68	29.43	32.38	9.70	ppb
Silver	109-1	0.19	0.18	0.20	0.19	4.68	ppb
Silver	107-1	0.18	0.20	0.18	0.19	6.44	ppb
Sodium	23-2	93731.29	92861.49	94156.11	93582.96	0.71	ppb
Strontium	86-1	32.96	33.31	34.35	33.54	2.16	ppb
Strontium	88-1	33.03	32.27	33.01	32.77	1.31	ppb
Sulfur	34-1	104365.37	107331.71	104091.79	105262.96	1.71	ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	0.02	0.02	0.02	0.02	25.44	ppb
Thallium	205-1	0.02	0.01	0.01	0.02	33.94	ppb
Thorium	232-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.22	0.20	0.20	0.21	6.85	ppb
Titanium	47-1	1894.63	1903.68	1896.96	1898.42	0.25	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	14.85	ppb

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:49:06	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.15	0.17	0.17	0.16	7.38	ppb
Yttrium	89-1				102		%
Yttrium	89-2				105		%
Zinc	66-2	11.18	10.73	10.78	10.90	2.28	ppb
Zirconium	90-1	0.02	0.02	0.01	0.02	31.75	ppb
Zirconium	91-1	0.03	0.03	0.02	0.03	15.93	ppb

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:52:32	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	85644.96	85703.74	86863.91	86070.87	0.80	ppb
Antimony	121-1	19.31	19.84	19.91	19.68	1.67	ppb
Arsenic	75-2	20.01	19.69	19.69	19.80	0.94	ppb
Barium	135-1	19.65	19.86	20.68	20.06	2.73	ppb
Barium	137-1	19.56	20.31	19.95	19.94	1.87	ppb
Beryllium	9-1	19.29	19.43	19.60	19.44	0.80	ppb
Bismuth	209-1				97		%
Bismuth	209-2				94		%
Boron	10-1	67.46	68.11	67.31	67.63	0.63	ppb
Boron	11-1	65.79	66.84	67.19	66.60	1.09	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	19.39	20.12	20.02	19.84	2.00	ppb
Cadmium	106-1	23.70	26.26	23.52	24.49	6.26	ppb
Cadmium	108-1	36.22	37.94	35.28	36.48	3.71	ppb
Calcium	43-1	94338.84	92090.37	92757.90	93062.37	1.24	ppb
Calcium	44-1	90917.94	89698.38	90481.50	90365.94	0.68	ppb
Chromium	52-2	38.08	37.77	38.00	37.95	0.42	ppb
Cobalt	59-2	20.79	20.57	20.41	20.59	0.94	ppb
Copper	63-2	29.53	29.13	29.28	29.31	0.68	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				103		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	54-2	95298.41	94776.84	93734.14	94603.13	0.84	ppb
Iron	56-2	96453.54	94525.64	95843.63	95607.60	1.03	ppb
Iron	57-2	96741.09	95732.79	95924.28	96132.72	0.56	ppb
Krypton	83-1						cps
Lead	206-1	20.45	20.32	20.66	20.48	0.83	ppb
Lead	207-1	18.25	18.02	18.46	18.25	1.21	ppb

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:52:32	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	34.51	34.09	34.73	34.44	0.95	ppb
Lithium	6-1				97		%
Magnesium	24-2	88527.41	88032.40	87099.15	87886.32	0.83	ppb
Manganese	55-2	25.70	26.02	25.76	25.83	0.66	ppb
Molybdenum	94-1	1437.44	1382.76	1382.71	1400.97	2.25	ppb
Molybdenum	95-1	1911.60	1888.93	1877.43	1892.65	0.92	ppb
Molybdenum	96-1	1867.70	1829.93	1821.93	1839.85	1.33	ppb
Molybdenum	97-1	1943.84	1867.37	1857.21	1889.47	2.51	ppb
Molybdenum	98-1	1953.68	1882.37	1854.35	1896.80	2.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.70	24.09	24.55	24.45	1.31	ppb
Phosphorus	31-2	92541.50	91940.89	92259.64	92247.34	0.33	ppb
Potassium	39-2	91393.20	92017.96	92233.06	91881.40	0.47	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	82-1	20.20	19.39	20.06	19.88	2.17	ppb
Selenium	77-2	16.23	16.54	23.47	18.75	21.85	ppb
Selenium	78-2	17.69	22.03	18.17	19.30	12.33	ppb
Silicon	28-1	72.59	68.65	70.88	70.71	2.79	ppb
Silver	109-1	17.95	18.09	18.23	18.09	0.76	ppb
Silver	107-1	18.14	18.42	18.13	18.23	0.91	ppb
Sodium	23-2	93303.09	92625.49	93106.14	93011.58	0.37	ppb
Strontium	86-1	93.20	90.65	90.45	91.44	1.68	ppb
Strontium	88-1	90.99	89.74	88.44	89.72	1.42	ppb
Sulfur	34-1	104166.36	101606.04	104533.90	103435.43	1.54	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	18.11	17.99	17.88	17.99	0.62	ppb
Thallium	205-1	17.60	17.19	17.88	17.56	1.97	ppb
Thorium	232-1	0.53	0.50	0.51	0.51	2.22	ppb
Tin	118-1	54.71	56.73	56.56	56.00	2.00	ppb
Titanium	47-1	1954.69	1901.69	1887.28	1914.56	1.85	ppb
Uranium	238-1	49.74	48.69	49.30	49.25	1.07	ppb

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:52:32	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	19.16	19.22	18.68	19.02	1.55	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	31.42	30.70	31.00	31.04	1.16	ppb
Zirconium	90-1	57.63	57.19	56.43	57.08	1.07	ppb
Zirconium	91-1	58.15	56.18	57.97	57.43	1.90	ppb

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	CCV09	Instrumnet Name :	P7
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:55:59	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50094.38	50338.12	50347.23	50259.91	0.29	ppb
Antimony	121-1	480.60	475.53	475.08	477.07	0.64	ppb
Arsenic	75-2	494.57	492.33	487.65	491.52	0.72	ppb
Barium	135-1	2394.58	2362.65	2391.75	2382.99	0.74	ppb
Barium	137-1	2484.28	2513.00	2490.42	2495.90	0.61	ppb
Beryllium	9-1	496.68	506.89	502.55	502.04	1.02	ppb
Bismuth	209-1				85		%
Bismuth	209-2				91		%
Boron	10-1	505.17	510.54	507.69	507.80	0.53	ppb
Boron	11-1	507.13	511.23	517.57	511.98	1.03	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	488.73	489.89	496.19	491.60	0.82	ppb
Cadmium	106-1	491.75	483.82	488.77	488.11	0.82	ppb
Cadmium	108-1	491.24	493.69	486.00	490.31	0.80	ppb
Calcium	43-1	226011.31	229997.68	226068.40	227359.13	1.01	ppb
Calcium	44-1	229000.32	232330.87	225062.92	228798.04	1.59	ppb
Chromium	52-2	492.49	491.20	489.45	491.05	0.31	ppb
Cobalt	59-2	482.91	484.68	481.08	482.89	0.37	ppb
Copper	63-2	4955.32	4851.35	4807.88	4871.52	1.56	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				101		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	54-2	120069.15	118953.99	118677.77	119233.64	0.62	ppb
Iron	56-2	121389.19	119974.05	120036.90	120466.71	0.66	ppb
Iron	57-2	121429.61	121355.04	120445.82	121076.82	0.45	ppb
Krypton	83-1						cps
Lead	206-1	2870.90	2889.89	2519.42	2760.07	7.56	ppb
Lead	207-1	2878.68	2896.28	2518.50	2764.49	7.71	ppb

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	CCV09	Instrumnet Name :	P7
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:55:59	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	5144.61	5188.54	4545.81	4959.65	7.24	ppb
Lithium	6-1				93		%
Magnesium	24-2	235626.45	235356.05	234071.05	235017.85	0.35	ppb
Manganese	55-2	4893.48	4939.77	4887.16	4906.80	0.59	ppb
Molybdenum	94-1	2462.77	2544.12	2467.21	2491.37	1.84	ppb
Molybdenum	95-1	2448.60	2546.04	2440.51	2478.39	2.37	ppb
Molybdenum	96-1	2467.55	2566.01	2438.84	2490.80	2.68	ppb
Molybdenum	97-1	2453.18	2550.08	2440.30	2481.19	2.42	ppb
Molybdenum	98-1	2475.64	2506.62	2453.88	2478.71	1.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	482.72	484.24	478.60	481.86	0.61	ppb
Phosphorus	31-2	10038.44	10016.07	9721.49	9925.33	1.78	ppb
Potassium	39-2	119763.97	120095.19	119551.87	119803.68	0.23	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				103		%
Scandium	45-2				105		%
Selenium	82-1	479.99	492.80	477.43	483.41	1.70	ppb
Selenium	77-2	473.61	508.60	497.61	493.27	3.63	ppb
Selenium	78-2	487.29	495.27	492.06	491.54	0.82	ppb
Silicon	28-1	513.39	531.13	535.92	526.81	2.25	ppb
Silver	109-1	472.41	471.04	471.42	471.62	0.15	ppb
Silver	107-1	475.02	474.49	473.35	474.29	0.18	ppb
Sodium	23-2	240153.53	238835.23	237413.02	238800.59	0.57	ppb
Strontium	86-1	500.66	501.37	499.17	500.40	0.22	ppb
Strontium	88-1	502.67	509.95	499.16	503.93	1.09	ppb
Sulfur	34-1	8037.31	8468.49	8099.77	8201.86	2.84	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	525.34	532.63	456.85	504.94	8.28	ppb
Thallium	205-1	568.97	575.75	507.93	550.88	6.78	ppb
Thorium	232-1	579.69	578.82	502.03	553.52	8.05	ppb
Tin	118-1	483.59	481.29	485.82	483.57	0.47	ppb
Titanium	47-1	2452.82	2438.15	2384.97	2425.32	1.47	ppb
Uranium	238-1	581.09	585.63	503.14	556.62	8.33	ppb

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	CCV09	Instrumnet Name :	P7
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:55:59	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	498.70	496.60	493.03	496.11	0.58	ppb
Yttrium	89-1				103		%
Yttrium	89-2				104		%
Zinc	66-2	4899.17	4875.59	4823.74	4866.17	0.79	ppb
Zirconium	90-1	503.02	504.50	495.28	500.93	0.99	ppb
Zirconium	91-1	492.79	505.98	487.40	495.39	1.93	ppb

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	CCB09	Instrumnet Name :	P7
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:59:19	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.93	1.50	1.77	1.40	30.70	ppb
Antimony	121-1	0.14	0.15	0.12	0.14	9.54	ppb
Arsenic	75-2	0.04	0.02	0.04	0.03	38.35	ppb
Barium	135-1	0.04	0.06	0.01	0.04	65.70	ppb
Barium	137-1	0.01	0.03	0.04	0.03	55.55	ppb
Beryllium	9-1	0.04	0.06	0.04	0.05	25.64	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	10-1	24.06	23.90	23.16	23.71	2.03	ppb
Boron	11-1	24.37	23.83	22.87	23.69	3.21	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.06	-0.16	-0.06	-0.09		ppb
Cadmium	106-1	-0.90	-2.09	-0.75	-1.25		ppb
Cadmium	108-1	0.09	0.07	0.02	0.06	56.59	ppb
Calcium	43-1	3.51	1.28	3.13	2.64	45.16	ppb
Calcium	44-1	5.25	7.07	6.76	6.36	15.28	ppb
Chromium	52-2	0.00	0.05	0.03	0.03	76.80	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	18.81	ppb
Copper	63-2	0.38	0.35	0.27	0.33	17.45	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				100		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	54-2	3.87	3.49	2.37	3.24	24.09	ppb
Iron	56-2	2.79	3.11	2.93	2.94	5.35	ppb
Iron	57-2	1.88	3.24	2.35	2.49	27.74	ppb
Krypton	83-1						cps
Lead	206-1	0.70	0.70	0.62	0.67	6.73	ppb
Lead	207-1	0.67	0.63	0.61	0.63	4.70	ppb

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	CCB09	Instrumnet Name :	P7
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:59:19	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	1.26	1.21	1.13	1.20	5.56	ppb
Lithium	6-1				98		%
Magnesium	24-2	5.13	3.54	4.50	4.39	18.31	ppb
Manganese	55-2	0.09	0.07	0.07	0.08	14.64	ppb
Molybdenum	94-1	0.14	0.15	0.12	0.14	12.19	ppb
Molybdenum	95-1	0.21	0.15	0.18	0.18	17.50	ppb
Molybdenum	96-1	0.21	0.16	0.17	0.18	14.73	ppb
Molybdenum	97-1	0.23	0.20	0.19	0.21	10.24	ppb
Molybdenum	98-1	0.21	0.17	0.19	0.19	12.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	-0.02	0.00		ppb
Phosphorus	31-2	-8.40	-12.48	0.35	-6.85		ppb
Potassium	39-2	59.43	53.73	50.52	54.56	8.27	ppb
Rhodium	103-1				105		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	82-1	0.70	0.87	0.02	0.53	84.12	ppb
Selenium	77-2	-0.11	0.22	-0.11	0.00		ppb
Selenium	78-2	0.66	-0.12	0.36	0.30	130.59	ppb
Silicon	28-1	18.56	17.54	17.46	17.85	3.44	ppb
Silver	109-1	0.03	0.04	0.05	0.04	26.69	ppb
Silver	107-1	0.05	0.04	0.04	0.04	15.67	ppb
Sodium	23-2	63.21	63.37	60.95	62.51	2.17	ppb
Strontium	86-1	0.04	0.04	0.00	0.03	73.38	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	31.33	ppb
Sulfur	34-1	-2040.65	-1917.16	-1668.18	-1875.33		ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	0.03	0.03	0.01	0.02	51.04	ppb
Thallium	205-1	0.02	0.03	0.03	0.03	15.08	ppb
Thorium	232-1	0.04	0.04	0.04	0.04	3.14	ppb
Tin	118-1	0.11	0.13	0.10	0.12	14.68	ppb
Titanium	47-1	0.12	0.14	0.13	0.13	7.17	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	34.94	ppb

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	CCB09	Instrumnet Name :	P7
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:59:19	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.01	0.01	0.01	27.29	ppb
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	0.09	0.18	0.12	0.13	36.03	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	32.04	ppb
Zirconium	91-1	0.03	0.01	0.02	0.02	71.78	ppb

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 18:02:51	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.03	19.06	19.01	19.70	5.84	ppb
Antimony	121-1	1.76	1.82	1.76	1.78	2.17	ppb
Arsenic	75-2	1.08	0.84	0.85	0.92	14.66	ppb
Barium	135-1	8.14	8.47	8.59	8.40	2.73	ppb
Barium	137-1	8.31	8.34	8.48	8.38	1.06	ppb
Beryllium	9-1	0.91	0.98	0.89	0.92	5.29	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	37.77	36.20	36.35	36.77	2.36	ppb
Boron	11-1	36.31	35.28	36.38	35.99	1.71	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.06	1.03	1.02	1.04	1.98	ppb
Cadmium	106-1	-0.19	0.31	-0.50	-0.13		ppb
Cadmium	108-1	1.29	1.48	1.14	1.30	13.10	ppb
Calcium	43-1	431.21	459.73	437.59	442.84	3.38	ppb
Calcium	44-1	444.14	444.97	436.41	441.84	1.07	ppb
Chromium	52-2	1.94	1.78	1.70	1.81	6.92	ppb
Cobalt	59-2	0.91	0.89	0.88	0.89	1.60	ppb
Copper	63-2	2.38	2.25	2.26	2.30	3.30	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				102		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	54-2	49.28	48.49	45.57	47.78	4.09	ppb
Iron	56-2	48.56	46.81	44.60	46.66	4.25	ppb
Iron	57-2	50.34	49.02	43.19	47.52	8.01	ppb
Krypton	83-1						cps
Lead	206-1	1.03	1.04	0.99	1.02	2.20	ppb
Lead	207-1	0.98	0.90	1.04	0.97	7.56	ppb

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 18:02:51	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	1.83	1.80	1.85	1.83	1.35	ppb
Lithium	6-1				98		%
Magnesium	24-2	460.83	451.99	425.01	445.94	4.18	ppb
Manganese	55-2	0.94	0.94	0.90	0.92	2.38	ppb
Molybdenum	94-1	4.29	4.49	4.57	4.45	3.25	ppb
Molybdenum	95-1	4.41	4.46	4.61	4.49	2.27	ppb
Molybdenum	96-1	4.43	4.42	4.63	4.49	2.63	ppb
Molybdenum	97-1	4.35	4.50	4.36	4.40	1.99	ppb
Molybdenum	98-1	4.37	4.64	4.50	4.50	2.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	0.85	0.88	0.92	9.19	ppb
Phosphorus	31-2	-9.52	-3.43	-10.85	-7.93		ppb
Potassium	39-2	492.40	486.30	473.19	483.96	2.03	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				106		%
Selenium	82-1	4.71	5.03	4.88	4.87	3.23	ppb
Selenium	77-2	2.20	5.12	4.50	3.94	38.95	ppb
Selenium	78-2	5.01	3.26	3.26	3.84	26.31	ppb
Silicon	28-1	16.53	16.50	14.06	15.70	9.01	ppb
Silver	109-1	0.87	0.87	0.90	0.88	2.15	ppb
Silver	107-1	0.88	0.95	0.89	0.90	4.30	ppb
Sodium	23-2	518.81	496.80	479.11	498.24	3.99	ppb
Strontium	86-1	0.97	0.91	1.04	0.97	6.63	ppb
Strontium	88-1	0.89	0.92	0.88	0.89	2.08	ppb
Sulfur	34-1	-1623.33	-1609.10	-1898.12	-1710.18		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.79	0.86	0.82	0.82	4.11	ppb
Thallium	205-1	0.76	0.79	0.78	0.78	1.85	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	91.13	ppb
Tin	118-1	4.50	4.37	4.41	4.43	1.48	ppb
Titanium	47-1	4.31	4.40	4.51	4.41	2.37	ppb
Uranium	238-1	0.71	0.70	0.69	0.70	1.54	ppb

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 18:02:51	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.60	4.36	4.16	4.37	5.06	ppb
Yttrium	89-1				104		%
Yttrium	89-2				105		%
Zinc	66-2	2.07	1.88	1.92	1.96	5.00	ppb
Zirconium	90-1	0.89	0.87	0.85	0.87	2.38	ppb
Zirconium	91-1	0.83	0.86	0.89	0.86	3.35	ppb

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	L4561-03DL2X25	Instrumnet Name :	P7
Client Sample ID :	STOCKPILE-LOC3-SO-0	Dilution Factor :	25
Date & Time Acquired ::	2020-10-30 18:06:21	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5316.35	5147.59	4618.66	5027.53	7.24	ppb
Antimony	121-1	0.03	0.02	0.02	0.02	22.01	ppb
Arsenic	75-2	1.46	1.25	1.18	1.30	11.47	ppb
Barium	135-1	48.43	47.80	47.66	47.96	0.86	ppb
Barium	137-1	47.87	47.09	47.15	47.37	0.91	ppb
Beryllium	9-1	0.44	0.52	0.48	0.48	7.86	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	11.54	11.91	11.28	11.58	2.73	ppb
Boron	11-1	12.02	11.68	12.12	11.94	1.93	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.12	0.18	0.00	0.10	90.96	ppb
Cadmium	106-1	-0.26	0.87	-1.22	-0.21		ppb
Cadmium	108-1	0.57	0.65	0.34	0.52	31.32	ppb
Calcium	43-1	29308.31	29709.81	28305.87	29108.00	2.48	ppb
Calcium	44-1	28032.26	28424.18	27713.80	28056.75	1.27	ppb
Chromium	52-2	5.69	5.49	4.91	5.37	7.50	ppb
Cobalt	59-2	3.22	3.05	2.76	3.01	7.61	ppb
Copper	63-2	4.79	4.59	4.15	4.51	7.30	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				106		%
Indium	115-2				104		%
Iron	54-2	3819.77	3682.81	3256.22	3586.27	8.20	ppb
Iron	56-2	3751.15	3600.28	3180.09	3510.51	8.43	ppb
Iron	57-2	3791.50	3696.15	3248.46	3578.70	8.10	ppb
Krypton	83-1						cps
Lead	206-1	8.61	8.97	8.78	8.78	2.07	ppb
Lead	207-1	7.86	7.87	7.74	7.82	0.94	ppb

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	L4561-03DL2X25	Instrumnet Name :	P7
Client Sample ID :	STOCKPILE-LOC3-SO-0	Dilution Factor :	25
Date & Time Acquired ::	2020-10-30 18:06:21	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	14.85	15.11	14.97	14.98	0.84	ppb
Lithium	6-1				99		%
Magnesium	24-2	958.29	936.33	848.98	914.53	6.32	ppb
Manganese	55-2	147.84	144.09	129.98	140.64	6.70	ppb
Molybdenum	94-1	3.06	2.95	3.11	3.04	2.72	ppb
Molybdenum	95-1	0.00	0.01	0.02	0.01	105.04	ppb
Molybdenum	96-1	0.38	0.36	0.40	0.38	6.22	ppb
Molybdenum	97-1	0.01	0.03	0.01	0.01	65.50	ppb
Molybdenum	98-1	0.02	0.02	0.00	0.02	65.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.11	6.37	5.52	6.00	7.33	ppb
Phosphorus	31-2	60.42	59.62	68.48	62.84	7.80	ppb
Potassium	39-2	1026.22	1041.19	1010.10	1025.84	1.52	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				107		%
Selenium	82-1	0.07	0.43	0.89	0.46	88.89	ppb
Selenium	77-2	6.01	6.07	6.88	6.32	7.73	ppb
Selenium	78-2	0.82	1.27	0.20	0.77	70.30	ppb
Silicon	28-1	139.89	146.62	137.45	141.32	3.36	ppb
Silver	109-1	0.07	0.05	0.05	0.06	16.73	ppb
Silver	107-1	0.07	0.06	0.07	0.07	5.99	ppb
Sodium	23-2	102.03	102.86	102.70	102.53	0.43	ppb
Strontium	86-1	22.43	22.17	21.33	21.97	2.61	ppb
Strontium	88-1	21.86	21.33	21.29	21.49	1.49	ppb
Sulfur	34-1	-1779.57	-1401.75	-1954.24	-1711.85		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.08	0.08	0.09	0.08	5.18	ppb
Thallium	205-1	0.07	0.08	0.07	0.07	2.84	ppb
Thorium	232-1	2.22	2.27	2.22	2.24	1.44	ppb
Tin	118-1	0.02	0.00	0.04	0.02	77.88	ppb
Titanium	47-1	0.48	0.42	0.28	0.39	25.23	ppb
Uranium	238-1	0.09	0.11	0.10	0.10	6.56	ppb

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	L4561-03DL2X25	Instrumnet Name :	P7
Client Sample ID :	STOCKPILE-LOC3-SO-0	Dilution Factor :	25
Date & Time Acquired ::	2020-10-30 18:06:21	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	3.96	3.85	3.46	3.76	7.10	ppb
Yttrium	89-1				106		%
Yttrium	89-2				107		%
Zinc	66-2	25.07	25.01	22.27	24.12	6.62	ppb
Zirconium	90-1	2.05	1.99	1.96	2.00	2.12	ppb
Zirconium	91-1	2.02	2.00	2.06	2.03	1.49	ppb

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	CCV10	Instrumnet Name :	P7
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 18:09:49	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51625.11	50348.55	45425.66	49133.11	6.66	ppb
Antimony	121-1	475.17	473.62	476.40	475.06	0.29	ppb
Arsenic	75-2	496.46	494.86	439.02	476.78	6.86	ppb
Barium	135-1	2371.61	2377.31	2371.38	2373.43	0.14	ppb
Barium	137-1	2450.58	2471.32	2470.50	2464.13	0.48	ppb
Beryllium	9-1	513.56	504.15	501.91	506.54	1.22	ppb
Bismuth	209-1				85		%
Bismuth	209-2				94		%
Boron	10-1	502.68	510.46	506.96	506.70	0.77	ppb
Boron	11-1	510.59	518.60	516.49	515.23	0.81	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	486.41	485.18	487.95	486.52	0.29	ppb
Cadmium	106-1	489.07	496.74	502.55	496.12	1.36	ppb
Cadmium	108-1	486.13	496.19	492.45	491.59	1.03	ppb
Calcium	43-1	228174.38	231544.81	221480.33	227066.51	2.26	ppb
Calcium	44-1	230082.50	231158.62	224020.12	228420.41	1.68	ppb
Chromium	52-2	487.28	485.75	435.24	469.42	6.31	ppb
Cobalt	59-2	482.89	479.17	429.59	463.88	6.41	ppb
Copper	63-2	4818.32	4758.03	4268.30	4614.88	6.54	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				105		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	54-2	118675.01	118963.77	106293.00	114643.92	6.31	ppb
Iron	56-2	120763.24	120186.51	107197.94	116049.23	6.61	ppb
Iron	57-2	119675.24	120034.86	106398.44	115369.52	6.74	ppb
Krypton	83-1						cps
Lead	206-1	2512.37	2900.20	2851.00	2754.52	7.67	ppb
Lead	207-1	2547.74	2895.99	2863.14	2768.96	6.94	ppb

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	CCV10	Instrumnet Name :	P7
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 18:09:49	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	4549.26	5181.45	5152.74	4961.15	7.20	ppb
Lithium	6-1				93		%
Magnesium	24-2	236950.59	235300.85	211132.53	227794.66	6.34	ppb
Manganese	55-2	4941.58	4912.32	4355.50	4736.47	6.97	ppb
Molybdenum	94-1	2492.79	2485.80	2482.72	2487.10	0.21	ppb
Molybdenum	95-1	2464.36	2494.21	2514.80	2491.12	1.02	ppb
Molybdenum	96-1	2478.67	2508.55	2543.91	2510.38	1.30	ppb
Molybdenum	97-1	2499.30	2542.66	2528.95	2523.64	0.88	ppb
Molybdenum	98-1	2511.65	2528.75	2501.26	2513.89	0.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	477.22	476.41	423.72	459.12	6.68	ppb
Phosphorus	31-2	9924.52	10194.43	8713.64	9610.86	8.21	ppb
Potassium	39-2	119220.13	119615.87	106388.48	115074.83	6.54	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				111		%
Selenium	82-1	481.16	491.79	490.52	487.83	1.19	ppb
Selenium	77-2	476.66	497.73	419.94	464.78	8.66	ppb
Selenium	78-2	496.60	490.77	445.36	477.58	5.87	ppb
Silicon	28-1	508.55	510.91	519.10	512.85	1.08	ppb
Silver	109-1	464.26	466.04	466.19	465.50	0.23	ppb
Silver	107-1	472.96	476.14	477.38	475.49	0.48	ppb
Sodium	23-2	239556.58	239260.24	216649.71	231822.18	5.67	ppb
Strontium	86-1	499.71	503.81	508.21	503.91	0.84	ppb
Strontium	88-1	500.67	505.07	506.97	504.24	0.64	ppb
Sulfur	34-1	8657.28	8737.41	8504.71	8633.13	1.37	ppb
Terbium	159-1				102		%
Terbium	159-2				105		%
Thallium	203-1	458.96	526.93	518.90	501.60	7.41	ppb
Thallium	205-1	502.49	584.06	568.07	551.54	7.84	ppb
Thorium	232-1	503.07	582.59	578.66	554.78	8.08	ppb
Tin	118-1	483.25	480.74	483.03	482.34	0.29	ppb
Titanium	47-1	2414.33	2439.63	2379.35	2411.10	1.26	ppb
Uranium	238-1	503.57	588.12	576.19	555.96	8.23	ppb

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	CCV10	Instrumnet Name :	P7
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 18:09:49	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	490.85	492.79	439.34	474.32	6.39	ppb
Yttrium	89-1				102		%
Yttrium	89-2				107		%
Zinc	66-2	4797.34	4822.55	4291.58	4637.16	6.46	ppb
Zirconium	90-1	499.72	503.21	510.99	504.64	1.14	ppb
Zirconium	91-1	496.17	499.90	504.29	500.12	0.81	ppb

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	CCB10	Instrumnet Name :	P7
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 18:13:09	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.93	1.35	2.81	2.03	35.97	ppb
Antimony	121-1	0.13	0.14	0.11	0.12	12.76	ppb
Arsenic	75-2	0.02	0.03	0.03	0.02	23.35	ppb
Barium	135-1	0.04	0.06	0.04	0.05	19.45	ppb
Barium	137-1	0.06	0.03	0.06	0.05	37.70	ppb
Beryllium	9-1	0.06	0.06	0.06	0.06	3.24	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	23.18	22.46	21.42	22.35	3.96	ppb
Boron	11-1	23.13	22.51	21.84	22.49	2.88	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.13	-0.11	-0.26	-0.17		ppb
Cadmium	106-1	-1.85	-1.56	-3.32	-2.24		ppb
Cadmium	108-1	0.17	0.02	0.12	0.11	70.52	ppb
Calcium	43-1	2.69	4.27	7.71	4.89	52.50	ppb
Calcium	44-1	5.03	5.34	7.04	5.80	18.69	ppb
Chromium	52-2	0.02	-0.02	0.02	0.01	326.85	ppb
Cobalt	59-2	0.02	0.02	0.01	0.01	26.43	ppb
Copper	63-2	0.48	0.38	0.43	0.43	11.16	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				105		%
Indium	115-2				103		%
Iron	54-2	5.10	6.51	5.56	5.72	12.56	ppb
Iron	56-2	4.12	4.27	4.17	4.19	1.89	ppb
Iron	57-2	3.61	2.60	5.28	3.83	35.24	ppb
Krypton	83-1						cps
Lead	206-1	0.48	0.47	0.47	0.47	1.91	ppb
Lead	207-1	0.50	0.45	0.44	0.46	7.73	ppb

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	CCB10	Instrumnet Name :	P7
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 18:13:09	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.92	0.87	0.88	0.89	3.30	ppb
Lithium	6-1				98		%
Magnesium	24-2	8.08	7.34	6.27	7.23	12.58	ppb
Manganese	55-2	0.12	0.17	0.13	0.14	17.30	ppb
Molybdenum	94-1	0.17	0.15	0.17	0.17	8.49	ppb
Molybdenum	95-1	0.22	0.21	0.20	0.21	4.45	ppb
Molybdenum	96-1	0.20	0.17	0.17	0.18	10.19	ppb
Molybdenum	97-1	0.23	0.20	0.18	0.20	13.04	ppb
Molybdenum	98-1	0.20	0.17	0.17	0.18	8.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	0.01	0.01	24.14	ppb
Phosphorus	31-2	-8.59	-10.78	-4.43	-7.93		ppb
Potassium	39-2	41.77	42.23	53.35	45.78	14.32	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				106		%
Selenium	82-1	0.84	0.37	-0.02	0.40	109.74	ppb
Selenium	77-2	-0.11	0.22	-0.11	0.00		ppb
Selenium	78-2	0.58	0.31	-0.53	0.12	478.35	ppb
Silicon	28-1	8.95	8.83	7.11	8.30	12.45	ppb
Silver	109-1	0.06	0.06	0.07	0.06	9.00	ppb
Silver	107-1	0.05	0.07	0.06	0.06	11.88	ppb
Sodium	23-2	61.35	60.12	60.32	60.59	1.09	ppb
Strontium	86-1	0.05	0.11	0.07	0.08	36.87	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	7.77	ppb
Sulfur	34-1	-1548.32	-1468.60	-1511.02	-1509.31		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.06	0.05	0.05	0.05	10.06	ppb
Thallium	205-1	0.06	0.05	0.05	0.05	8.76	ppb
Thorium	232-1	0.05	0.05	0.04	0.05	8.72	ppb
Tin	118-1	0.12	0.11	0.09	0.11	13.85	ppb
Titanium	47-1	0.16	0.10	0.10	0.12	29.64	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	9.02	ppb

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	CCB10	Instrumnet Name :	P7
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 18:13:09	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.02	0.01	0.01	20.95	ppb
Yttrium	89-1				103		%
Yttrium	89-2				104		%
Zinc	66-2	0.15	0.17	0.20	0.17	15.95	ppb
Zirconium	90-1	0.02	0.04	0.03	0.03	38.77	ppb
Zirconium	91-1	0.03	0.04	0.02	0.03	30.83	ppb

LB Number : LB111783 Operator : JASWAL
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-30 17:01:23 DataFile Name : 003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158	225	108	164	35.71	cps
Antimony	121-1	83	75	117	92	24.05	cps
Arsenic	75-2	17	11	11	13	24.76	cps
Barium	135-1	92	108	92	97	9.90	cps
Barium	137-1	158	208	133	167	22.91	cps
Beryllium	9-1	33	33	72	46	48.50	cps
Bismuth	209-1	7325970	7315456	7452062	7364496	1.03	cps
Bismuth	209-2	4233476	4168528	4197106	4199703	0.78	cps
Boron	10-1	492	700	492	561	21.44	cps
Boron	11-1	2567	2534	3084	2728	11.31	cps
Bromine	81-1	22309	21049	21241	21533	3.15	cps
Bromine	81-2	70	60	40	57	26.96	cps
Cadmium	111-1	3568	3800	3651	3673	3.19	cps
Cadmium	106-1	5068	5426	5176	5223	3.52	cps
Cadmium	108-1	0	4	8	4	99.96	cps
Calcium	43-1	408	425	317	383	15.22	cps
Calcium	44-1	19964	19204	20081	19750	2.41	cps
Chromium	52-2	1190	1283	1250	1241	3.81	cps
Cobalt	59-2	60	40	47	49	20.83	cps
Copper	63-2	1253	1030	1173	1152	9.82	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	7	13	20	13	49.99	cps
Erbium	164-1	50	33	83	56	45.83	cps
Erbium	164-2	43	33	37	38	13.48	cps
Gadolinium	160-1	75	133	108	106	27.73	cps
Gadolinium	160-2	177	173	127	159	17.59	cps
Holmium	165-1	11493788	11644290	11566170	11568083	0.65	cps
Holmium	165-2	6733278	6781169	6873951	6796133	1.05	cps
Indium	115-1	8864646	9128518	9018186	9003784	1.47	cps
Indium	115-2	2256025	2246004	2256711	2252913	0.27	cps
Iron	54-2	1842	1692	1612	1715	6.82	cps
Iron	56-2	13412	12884	12889	13062	2.32	cps
Iron	57-2	572	672	578	607	9.25	cps
Krypton	83-1	947	827	920	898	7.02	cps
Lead	206-1	383	411	367	387	5.80	cps
Lead	207-1	361	389	500	417	17.64	cps

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:01:23	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	900	861	694	819	13.34	cps
Lithium	6-1	2331405	2328228	2320196	2326610	0.25	cps
Magnesium	24-2	1150	1150	1033	1111	6.06	cps
Manganese	55-2	203	253	267	241	13.85	cps
Molybdenum	94-1	383	333	458	392	16.06	cps
Molybdenum	95-1	192	192	175	186	5.17	cps
Molybdenum	96-1	233	192	242	222	12.06	cps
Molybdenum	97-1	83	58	75	72	17.63	cps
Molybdenum	98-1	250	308	233	264	14.92	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	103	120	97	107	11.27	cps
Phosphorus	31-2	208	150	150	169	19.88	cps
Potassium	39-2	70351	71798	71506	71218	1.07	cps
Rhodium	103-1	8592647	8539864	8675807	8602772	0.80	cps
Rhodium	103-2	4703835	4747877	4751942	4734551	0.56	cps
Scandium	45-1	6432043	6280129	6400118	6370764	1.26	cps
Scandium	45-2	388049	387278	389711	388346	0.32	cps
Selenium	82-1	-8	-58	-63	-43	-70.02	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	180	159	170	170	6.01	cps
Silicon	28-1	802032	805416	808344	805264	0.39	cps
Silver	109-1	233	92	133	153	47.65	cps
Silver	107-1	183	200	225	203	10.34	cps
Sodium	23-2	29797	29822	29788	29802	0.06	cps
Strontium	86-1	1292	1400	1358	1350	4.05	cps
Strontium	88-1	342	500	417	419	18.88	cps
Sulfur	34-1	631042	633333	629207	631194	0.33	cps
Terbium	159-1	12107071	11719476	11863365	11896638	1.65	cps
Terbium	159-2	6852008	6679751	6784297	6772019	1.28	cps
Thallium	203-1	33	67	33	44	43.31	cps
Thallium	205-1	175	83	200	153	40.20	cps
Thorium	232-1	778	761	722	754	3.78	cps
Tin	118-1	892	850	767	836	7.61	cps
Titanium	47-1	108	183	167	153	25.78	cps
Uranium	238-1	125	175	142	147	17.30	cps

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:01:23	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	33	23	7	21	63.80	cps
Yttrium	89-1	12847916	12863093	12724575	12811861	0.59	cps
Yttrium	89-2	2348111	2351416	2355140	2351556	0.15	cps
Zinc	66-2	477	470	540	496	7.80	cps
Zirconium	90-1	775	725	775	758	3.81	cps
Zirconium	91-1	100	150	167	139	24.98	cps

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:04:52	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2392	2484	2517	2464	2.63	cps
Antimony	121-1	15442	14575	14900	14972	2.93	cps
Arsenic	75-2	376	385	322	361	9.41	cps
Barium	135-1	18780	18580	18655	18671	0.54	cps
Barium	137-1	32171	31111	32781	32021	2.64	cps
Beryllium	9-1	1722	1489	1628	1613	7.28	cps
Bismuth	209-1	7359766	7248795	7377712	7328758	0.95	cps
Bismuth	209-2	4228896	4192392	4105338	4175542	1.52	cps
Boron	10-1	4509	4768	4768	4681	3.19	cps
Boron	11-1	22450	22951	24712	23371	5.08	cps
Bromine	81-1	21675	21083	21550	21436	1.46	cps
Bromine	81-2	60	90	70	73	20.83	cps
Cadmium	111-1	5969	5582	6339	5963	6.34	cps
Cadmium	106-1	5234	4818	5543	5198	7.00	cps
Cadmium	108-1	250	254	208	238	10.67	cps
Calcium	43-1	12689	13023	12556	12756	1.89	cps
Calcium	44-1	219052	219996	222114	220387	0.71	cps
Chromium	52-2	7896	7692	6872	7486	7.24	cps
Cobalt	59-2	4861	5054	4467	4794	6.24	cps
Copper	63-2	8816	8956	8389	8720	3.39	cps
Dysprosium	156-1	8	33	25	22	57.29	cps
Dysprosium	156-2	3	13	13	10	57.75	cps
Erbium	164-1	92	83	83	86	5.58	cps
Erbium	164-2	17	43	27	29	46.62	cps
Gadolinium	160-1	50	125	83	86	43.64	cps
Gadolinium	160-2	123	167	137	142	15.60	cps
Holmium	165-1	11510849	11550481	11515615	11525648	0.19	cps
Holmium	165-2	6788721	6847551	6771271	6802514	0.59	cps
Indium	115-1	9066805	9098930	9049864	9071867	0.27	cps
Indium	115-2	2254893	2275837	2253109	2261279	0.56	cps
Iron	54-2	8491	8922	8701	8705	2.47	cps
Iron	56-2	144255	142689	134105	140350	3.89	cps
Iron	57-2	3751	3717	3328	3599	6.52	cps
Krypton	83-1	793	837	893	841	5.96	cps
Lead	206-1	5624	5435	5796	5618	3.22	cps
Lead	207-1	4656	4673	4857	4729	2.35	cps

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:04:52	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	12289	12272	12672	12411	1.82	cps
Lithium	6-1	2303653	2305558	2338572	2315927	0.85	cps
Magnesium	24-2	124739	121555	113804	120033	4.69	cps
Manganese	55-2	2047	2174	1903	2041	6.62	cps
Molybdenum	94-1	16460	17052	16777	16763	1.77	cps
Molybdenum	95-1	18754	19864	19956	19525	3.43	cps
Molybdenum	96-1	21901	21750	21709	21787	0.46	cps
Molybdenum	97-1	12122	12723	12181	12342	2.68	cps
Molybdenum	98-1	31084	31477	31243	31268	0.63	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1350	1397	1400	1382	2.02	cps
Phosphorus	31-2	158	225	392	258	46.52	cps
Potassium	39-2	204312	203738	199886	202645	1.19	cps
Rhodium	103-1	8803967	8675856	8723216	8734346	0.74	cps
Rhodium	103-2	4767619	4745961	4719599	4744393	0.51	cps
Scandium	45-1	6427047	6299084	6380241	6368790	1.02	cps
Scandium	45-2	395612	393539	391729	393626	0.49	cps
Selenium	82-1	725	766	650	714	8.24	cps
Selenium	77-2	33	43	43	40	14.43	cps
Selenium	78-2	337	311	274	307	10.29	cps
Silicon	28-1	882043	884625	884543	883737	0.17	cps
Silver	109-1	8861	9228	8553	8881	3.81	cps
Silver	107-1	9620	9537	9979	9712	2.42	cps
Sodium	23-2	246881	245974	236968	243274	2.25	cps
Strontium	86-1	4668	3859	4367	4298	9.51	cps
Strontium	88-1	22477	23453	23036	22988	2.13	cps
Sulfur	34-1	625986	629065	622821	625957	0.50	cps
Terbium	159-1	12064147	11952518	11927507	11981391	0.61	cps
Terbium	159-2	6768748	6834649	6617117	6740171	1.65	cps
Thallium	203-1	6685	6093	6819	6532	5.91	cps
Thallium	205-1	15835	15009	15676	15507	2.83	cps
Thorium	232-1	611	633	617	620	1.86	cps
Tin	118-1	30859	30400	30843	30701	0.85	cps
Titanium	47-1	5685	5918	6018	5874	2.91	cps
Uranium	238-1	18180	18948	18915	18681	2.32	cps

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:04:52	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	12986	13329	12188	12835	4.56	cps
Yttrium	89-1	12915814	12735986	12651574	12767791	1.06	cps
Yttrium	89-2	2374480	2398555	2360750	2377928	0.80	cps
Zinc	66-2	1487	1470	1450	1469	1.25	cps
Zirconium	90-1	14449	14024	14141	14205	1.55	cps
Zirconium	91-1	3367	3409	3426	3400	0.88	cps

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:08:22	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	126808	125833	121775	124805	2.14	cps
Antimony	121-1	421772	422162	427302	423745	0.73	cps
Arsenic	75-2	20357	20431	19830	20206	1.62	cps
Barium	135-1	521260	515261	525989	520837	1.03	cps
Barium	137-1	896911	896127	901530	898189	0.33	cps
Beryllium	9-1	83959	83371	82629	83320	0.80	cps
Bismuth	209-1	7276215	7278641	7410727	7321861	1.05	cps
Bismuth	209-2	4211885	4252165	4273702	4245917	0.74	cps
Boron	10-1	9670	10120	10529	10106	4.25	cps
Boron	11-1	49280	51923	51580	50928	2.82	cps
Bromine	81-1	20907	22017	21925	21617	2.85	cps
Bromine	81-2	60	30	70	53	39.03	cps
Cadmium	111-1	116660	114975	116479	116038	0.80	cps
Cadmium	106-1	17420	17787	17236	17481	1.60	cps
Cadmium	108-1	8849	8744	8774	8789	0.61	cps
Calcium	43-1	145857	146520	146922	146433	0.37	cps
Calcium	44-1	2366388	2354509	2338844	2353247	0.59	cps
Chromium	52-2	180570	177902	175520	177997	1.42	cps
Cobalt	59-2	280710	275368	272751	276276	1.47	cps
Copper	63-2	1917123	1882134	1846679	1881979	1.87	cps
Dysprosium	156-1	17	25	42	28	45.82	cps
Dysprosium	156-2	13	33	3	17	91.67	cps
Erbium	164-1	50	58	83	64	27.16	cps
Erbium	164-2	23	23	57	34	55.89	cps
Gadolinium	160-1	100	117	92	103	12.39	cps
Gadolinium	160-2	117	160	187	154	22.87	cps
Holmium	165-1	11499431	11654394	11869806	11674543	1.59	cps
Holmium	165-2	6955666	6982948	6928241	6955618	0.39	cps
Indium	115-1	9002740	8993511	9331089	9109113	2.11	cps
Indium	115-2	2284049	2302931	2307633	2298204	0.54	cps
Iron	54-2	426812	421720	410842	419791	1.94	cps
Iron	56-2	7400686	7264398	7118639	7261241	1.94	cps
Iron	57-2	190665	186895	182951	186837	2.06	cps
Krypton	83-1	920	830	920	890	5.84	cps
Lead	206-1	1583596	1577270	1582431	1581099	0.21	cps
Lead	207-1	1342378	1333696	1347100	1341058	0.51	cps

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:08:22	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	3501775	3475778	3527622	3501725	0.74	cps
Lithium	6-1	2275528	2290920	2325788	2297412	1.12	cps
Magnesium	24-2	1416650	1397494	1360890	1391678	2.04	cps
Manganese	55-2	1132460	1125217	1097869	1118515	1.63	cps
Molybdenum	94-1	918585	913620	921716	917973	0.44	cps
Molybdenum	95-1	1126694	1107044	1127096	1120278	1.02	cps
Molybdenum	96-1	1227173	1211399	1228265	1222279	0.77	cps
Molybdenum	97-1	700409	684310	698812	694510	1.28	cps
Molybdenum	98-1	1793587	1767680	1775582	1778950	0.75	cps
Neodymium	150-1	33	73	73	60	38.50	cps
Neodymium	150-2	7	10	10	9	21.63	cps
Nickel	60-2	74454	73225	70803	72827	2.55	cps
Phosphorus	31-2	7961	7811	7802	7858	1.13	cps
Potassium	39-2	836314	837177	825888	833127	0.75	cps
Rhodium	103-1	8620269	8549529	8755352	8641717	1.21	cps
Rhodium	103-2	4788742	4809398	4837067	4811736	0.50	cps
Scandium	45-1	6425796	6342743	6483658	6417399	1.10	cps
Scandium	45-2	401002	402016	401408	401475	0.13	cps
Selenium	82-1	7930	7939	8204	8024	1.94	cps
Selenium	77-2	473	493	477	481	2.23	cps
Selenium	78-2	1759	1828	1826	1804	2.16	cps
Silicon	28-1	1229522	1245216	1264541	1246426	1.41	cps
Silver	109-1	518390	516116	517821	517442	0.23	cps
Silver	107-1	540390	540651	542938	541326	0.26	cps
Sodium	23-2	2477455	2460043	2427508	2455002	1.03	cps
Strontium	86-1	149562	145521	150277	148453	1.73	cps
Strontium	88-1	1277186	1268770	1282579	1276179	0.55	cps
Sulfur	34-1	656226	659593	660361	658727	0.33	cps
Terbium	159-1	11896243	11999085	12282580	12059303	1.66	cps
Terbium	159-2	6921451	6790932	6815046	6842476	1.01	cps
Thallium	203-1	368736	374972	367187	370298	1.11	cps
Thallium	205-1	875015	884859	876073	878649	0.62	cps
Thorium	232-1	1151903	1153009	1172271	1159061	0.99	cps
Tin	118-1	341037	337172	343755	340655	0.97	cps
Titanium	47-1	326343	323731	329805	326626	0.93	cps
Uranium	238-1	1052327	1048979	1059833	1053713	0.53	cps

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:08:22	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	150148	149275	144923	148115	1.89	cps
Yttrium	89-1	12721478	12742442	13085371	12849763	1.59	cps
Yttrium	89-2	2424713	2410976	2417653	2417780	0.28	cps
Zinc	66-2	302449	297456	291270	297058	1.89	cps
Zirconium	90-1	769153	757873	776679	767902	1.23	cps
Zirconium	91-1	172082	172064	168429	170858	1.23	cps

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:11:52	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	313679	309891	304812	309461	1.44	cps
Antimony	121-1	1057385	1072317	1080015	1069906	1.08	cps
Arsenic	75-2	49807	49333	48729	49290	1.10	cps
Barium	135-1	1304454	1296632	1327406	1309497	1.22	cps
Barium	137-1	2244513	2236625	2273802	2251647	0.87	cps
Beryllium	9-1	204433	207180	208097	206570	0.92	cps
Bismuth	209-1	7368663	7542151	7616792	7509202	1.70	cps
Bismuth	209-2	4205194	4179367	4154892	4179817	0.60	cps
Boron	10-1	24604	26248	24220	25024	4.31	cps
Boron	11-1	122785	120803	123257	122282	1.06	cps
Bromine	81-1	21308	21642	22101	21683	1.84	cps
Bromine	81-2	20	60	30	37	56.77	cps
Cadmium	111-1	282735	284349	286936	284673	0.74	cps
Cadmium	106-1	36773	36456	37108	36779	0.89	cps
Cadmium	108-1	22142	21771	21312	21742	1.91	cps
Calcium	43-1	362195	360426	360779	361133	0.26	cps
Calcium	44-1	5508041	5486364	5619002	5537802	1.28	cps
Chromium	52-2	442215	440233	434087	438845	0.97	cps
Cobalt	59-2	688458	685833	673253	682514	1.19	cps
Copper	63-2	4644968	4615222	4564110	4608100	0.89	cps
Dysprosium	156-1	100	92	42	78	40.56	cps
Dysprosium	156-2	47	47	30	41	23.41	cps
Erbium	164-1	33	108	58	67	57.29	cps
Erbium	164-2	40	30	23	31	26.97	cps
Gadolinium	160-1	83	67	242	131	73.98	cps
Gadolinium	160-2	173	227	177	192	15.54	cps
Holmium	165-1	11536641	11918263	11919407	11791437	1.87	cps
Holmium	165-2	7013655	6899009	6909354	6940673	0.91	cps
Indium	115-1	9055759	9404687	9413065	9291171	2.19	cps
Indium	115-2	2282825	2275222	2269475	2275841	0.29	cps
Iron	54-2	1043910	1029291	1017848	1030350	1.27	cps
Iron	56-2	18215925	17928699	17879971	18008199	1.01	cps
Iron	57-2	463093	459702	450871	457889	1.38	cps
Krypton	83-1	987	797	907	897	10.64	cps
Lead	206-1	3926555	3984506	3966290	3959117	0.75	cps
Lead	207-1	3298068	3386709	3330085	3338287	1.34	cps

LB Number : LB111783 Operator : JASWAL
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-30 17:11:52 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	10051509	10021706	10106707	10059974	0.43	cps
Lithium	6-1	2282079	2284352	2290108	2285513	0.18	cps
Magnesium	24-2	3427914	3413649	3397527	3413030	0.45	cps
Manganese	55-2	2771919	2762502	2711464	2748628	1.18	cps
Molybdenum	94-1	2278472	2283211	2284691	2282125	0.14	cps
Molybdenum	95-1	2756362	2789925	2773707	2773331	0.61	cps
Molybdenum	96-1	3041921	3062766	3059776	3054821	0.37	cps
Molybdenum	97-1	1714494	1732174	1735090	1727253	0.65	cps
Molybdenum	98-1	4417299	4480110	4480950	4459453	0.82	cps
Neodymium	150-1	93	100	47	80	36.32	cps
Neodymium	150-2	20	23	27	23	14.29	cps
Nickel	60-2	180545	179881	178043	179490	0.72	cps
Phosphorus	31-2	18779	18796	18971	18848	0.56	cps
Potassium	39-2	1954830	1954997	1929784	1946537	0.75	cps
Rhodium	103-1	8700434	8756114	8794325	8750291	0.54	cps
Rhodium	103-2	4718295	4729431	4748381	4732036	0.32	cps
Scandium	45-1	6395277	6332397	6452358	6393344	0.94	cps
Scandium	45-2	394705	391036	390815	392185	0.56	cps
Selenium	82-1	19366	19900	19818	19694	1.46	cps
Selenium	77-2	1153	1143	1120	1139	1.50	cps
Selenium	78-2	4299	4354	4345	4333	0.69	cps
Silicon	28-1	1795911	1814366	1862155	1824144	1.87	cps
Silver	109-1	1284324	1272791	1300110	1285742	1.07	cps
Silver	107-1	1341325	1346696	1352322	1346781	0.41	cps
Sodium	23-2	5751976	5639083	5690411	5693823	0.99	cps
Strontium	86-1	370635	369137	361772	367181	1.29	cps
Strontium	88-1	3179071	3139899	3175920	3164963	0.69	cps
Sulfur	34-1	697645	699863	700504	699337	0.21	cps
Terbium	159-1	12097101	12173223	12033822	12101382	0.58	cps
Terbium	159-2	6853908	6841883	6725593	6807128	1.04	cps
Thallium	203-1	918287	925860	924410	922853	0.44	cps
Thallium	205-1	2181251	2225764	2176494	2194503	1.24	cps
Thorium	232-1	2946619	2941449	2934188	2940752	0.21	cps
Tin	118-1	853162	876387	864490	864680	1.34	cps
Titanium	47-1	795598	802242	814797	804212	1.21	cps
Uranium	238-1	2688053	2674542	2693163	2685252	0.36	cps

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:11:52	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	371082	367835	363505	367474	1.03	cps
Yttrium	89-1	13096081	12757831	12935131	12929681	1.31	cps
Yttrium	89-2	2382457	2379874	2382831	2381720	0.07	cps
Zinc	66-2	736474	732841	723936	731084	0.88	cps
Zirconium	90-1	1900374	1905455	1910357	1905395	0.26	cps
Zirconium	91-1	431010	428483	434236	431243	0.67	cps

LB Number : LB111783 Operator : JASWAL
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-30 17:15:19 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	597314	605178	598338	600277	0.71	cps
Antimony	121-1	2103184	2111739	2094067	2102997	0.42	cps
Arsenic	75-2	97846	97997	96483	97442	0.86	cps
Barium	135-1	2562809	2601456	2568067	2577444	0.81	cps
Barium	137-1	4440161	4491082	4468890	4466711	0.57	cps
Beryllium	9-1	402305	406178	410180	406221	0.97	cps
Bismuth	209-1	7525041	7385510	7416346	7442299	0.98	cps
Bismuth	209-2	4078716	4168087	4170140	4138981	1.26	cps
Boron	10-1	48093	49096	50325	49172	2.27	cps
Boron	11-1	239366	242439	244669	242158	1.10	cps
Bromine	81-1	21775	21208	21542	21508	1.33	cps
Bromine	81-2	50	90	50	63	36.46	cps
Cadmium	111-1	564929	556325	558124	559793	0.81	cps
Cadmium	106-1	68675	67402	68331	68136	0.97	cps
Cadmium	108-1	43567	42656	43216	43146	1.06	cps
Calcium	43-1	710589	707977	717744	712103	0.71	cps
Calcium	44-1	10784879	10869795	10847112	10833929	0.41	cps
Chromium	52-2	860762	861246	855695	859234	0.36	cps
Cobalt	59-2	1332453	1336034	1326964	1331817	0.34	cps
Copper	63-2	9236497	9224806	9080187	9180496	0.95	cps
Dysprosium	156-1	117	108	125	117	7.14	cps
Dysprosium	156-2	57	67	47	57	17.65	cps
Erbium	164-1	58	125	75	86	40.29	cps
Erbium	164-2	60	43	60	54	17.68	cps
Gadolinium	160-1	208	142	100	150	36.43	cps
Gadolinium	160-2	217	210	143	190	21.34	cps
Holmium	165-1	11730569	11628639	11915671	11758293	1.24	cps
Holmium	165-2	6808566	6885957	6777429	6823984	0.82	cps
Indium	115-1	9196543	9140984	9194281	9177269	0.34	cps
Indium	115-2	2233511	2226752	2251816	2237360	0.58	cps
Iron	54-2	2015236	2007844	2004044	2009041	0.28	cps
Iron	56-2	35051899	35226799	34904274	35060990	0.46	cps
Iron	57-2	894884	900335	891647	895622	0.49	cps
Krypton	83-1	930	930	913	924	1.04	cps
Lead	206-1	8781608	8934231	8859494	8858444	0.86	cps
Lead	207-1	7634420	7850482	7824589	7769831	1.52	cps

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:15:19	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	19735528	19842177	19758666	19778790	0.28	cps
Lithium	6-1	2259885	2280984	2290062	2276977	0.68	cps
Magnesium	24-2	6460417	6451836	6382080	6431444	0.67	cps
Manganese	55-2	5384357	5383561	5352146	5373355	0.34	cps
Molybdenum	94-1	4532189	4474073	4495106	4500456	0.65	cps
Molybdenum	95-1	5504841	5464332	5457910	5475694	0.46	cps
Molybdenum	96-1	6003111	5908716	6010000	5973942	0.95	cps
Molybdenum	97-1	3411599	3383642	3409985	3401742	0.46	cps
Molybdenum	98-1	8586677	8683019	8692624	8654106	0.68	cps
Neodymium	150-1	293	207	300	267	19.53	cps
Neodymium	150-2	40	57	17	38	53.18	cps
Nickel	60-2	349457	349333	345613	348134	0.63	cps
Phosphorus	31-2	36629	37005	36353	36662	0.89	cps
Potassium	39-2	3685811	3707164	3706370	3699782	0.33	cps
Rhodium	103-1	8614068	8552243	8653463	8606591	0.59	cps
Rhodium	103-2	4648234	4644703	4612949	4635295	0.42	cps
Scandium	45-1	6371054	6314554	6441544	6375717	1.00	cps
Scandium	45-2	383940	384039	384912	384297	0.14	cps
Selenium	82-1	38985	39126	38629	38914	0.66	cps
Selenium	77-2	2444	2504	2434	2460	1.54	cps
Selenium	78-2	8100	8291	7976	8123	1.95	cps
Silicon	28-1	2779385	2826422	2851639	2819148	1.30	cps
Silver	109-1	2534100	2490590	2507825	2510838	0.87	cps
Silver	107-1	2664658	2657664	2653244	2658522	0.22	cps
Sodium	23-2	11042089	11062375	11128970	11077811	0.41	cps
Strontium	86-1	739533	724312	722552	728799	1.28	cps
Strontium	88-1	6380371	6282536	6331242	6331383	0.77	cps
Sulfur	34-1	815842	813294	812477	813871	0.22	cps
Terbium	159-1	12112592	12330631	11891662	12111628	1.81	cps
Terbium	159-2	6933758	6836518	6842877	6871051	0.79	cps
Thallium	203-1	1842782	1835993	1830935	1836570	0.32	cps
Thallium	205-1	4360850	4389869	4363140	4371286	0.37	cps
Thorium	232-1	6980909	6927547	6965967	6958141	0.40	cps
Tin	118-1	1701743	1684820	1680453	1689005	0.67	cps
Titanium	47-1	1593610	1579443	1579672	1584242	0.51	cps
Uranium	238-1	6185608	6177687	6195023	6186106	0.14	cps

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:15:19	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	721043	723874	717928	720948	0.41	cps
Yttrium	89-1	12708762	12805106	12942060	12818643	0.91	cps
Yttrium	89-2	2348922	2346219	2345811	2346984	0.07	cps
Zinc	66-2	1437586	1438067	1418531	1431395	0.78	cps
Zirconium	90-1	3761538	3770299	3745182	3759006	0.34	cps
Zirconium	91-1	855251	840152	848509	847971	0.89	cps

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:18:43	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1209284	1213686	1208724	1210564	0.22	cps
Antimony	121-1	4197034	4201518	4194403	4197652	0.09	cps
Arsenic	75-2	198030	198192	198321	198181	0.07	cps
Barium	135-1	5206661	5191613	5144176	5180816	0.63	cps
Barium	137-1	9420428	9357460	9344159	9374016	0.43	cps
Beryllium	9-1	804127	800320	798145	800864	0.38	cps
Bismuth	209-1	7461857	7264300	7170535	7298897	2.04	cps
Bismuth	209-2	4102120	4110261	4057586	4089989	0.69	cps
Boron	10-1	100138	98217	99098	99151	0.97	cps
Boron	11-1	479788	487047	485357	484064	0.78	cps
Bromine	81-1	22193	21383	20941	21506	2.95	cps
Bromine	81-2	60	90	80	77	19.92	cps
Cadmium	111-1	1111589	1110050	1103422	1108354	0.39	cps
Cadmium	106-1	127451	129116	127183	127917	0.82	cps
Cadmium	108-1	84604	85853	84675	85044	0.83	cps
Calcium	43-1	1443627	1424150	1429418	1432398	0.70	cps
Calcium	44-1	21826500	21641384	21607554	21691813	0.54	cps
Chromium	52-2	1730656	1721575	1726405	1726212	0.26	cps
Cobalt	59-2	2666943	2658456	2652219	2659206	0.28	cps
Copper	63-2	18471827	18584978	18276800	18444535	0.85	cps
Dysprosium	156-1	192	275	108	192	43.48	cps
Dysprosium	156-2	123	150	133	136	9.94	cps
Erbium	164-1	58	83	50	64	27.16	cps
Erbium	164-2	73	43	87	68	32.75	cps
Gadolinium	160-1	258	192	225	225	14.82	cps
Gadolinium	160-2	200	197	210	202	3.43	cps
Holmium	165-1	11793096	11672923	11755714	11740577	0.52	cps
Holmium	165-2	6945633	6937985	6885776	6923131	0.47	cps
Indium	115-1	9087784	9140063	8909945	9045931	1.33	cps
Indium	115-2	2220581	2214269	2213578	2216143	0.17	cps
Iron	54-2	4041333	4052414	4028913	4040886	0.29	cps
Iron	56-2	70909993	71017364	71138424	71021927	0.16	cps
Iron	57-2	1788161	1797208	1798742	1794704	0.32	cps
Krypton	83-1	797	873	740	803	8.33	cps
Lead	206-1	17728515	17949369	17773057	17816981	0.66	cps
Lead	207-1	15650519	15344624	15467139	15487427	0.99	cps

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:18:43	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	40189682	39626026	38948624	39588111	1.57	cps
Lithium	6-1	2247138	2247066	2223809	2239338	0.60	cps
Magnesium	24-2	12923769	13004688	13027115	12985190	0.42	cps
Manganese	55-2	10950225	10914488	10858524	10907746	0.42	cps
Molybdenum	94-1	9105326	9062916	8966568	9044937	0.79	cps
Molybdenum	95-1	10954478	11124224	10924277	11000993	0.98	cps
Molybdenum	96-1	12236420	12094231	12097625	12142758	0.67	cps
Molybdenum	97-1	6869383	6920304	6928074	6905920	0.46	cps
Molybdenum	98-1	17365793	17387125	17713221	17488713	1.11	cps
Neodymium	150-1	467	453	507	476	5.84	cps
Neodymium	150-2	70	47	73	63	22.94	cps
Nickel	60-2	701085	700956	690717	697586	0.85	cps
Phosphorus	31-2	74436	74301	74569	74435	0.18	cps
Potassium	39-2	7079785	7097358	7004789	7060644	0.70	cps
Rhodium	103-1	8444967	8626938	8525635	8532513	1.07	cps
Rhodium	103-2	4606364	4629437	4628873	4621558	0.28	cps
Scandium	45-1	6353715	6270528	6205111	6276451	1.19	cps
Scandium	45-2	386762	385850	387298	386637	0.19	cps
Selenium	82-1	77845	77445	77001	77430	0.54	cps
Selenium	77-2	4898	4768	4991	4885	2.30	cps
Selenium	78-2	16305	16296	16469	16357	0.59	cps
Silicon	28-1	4700418	4751542	4758860	4736940	0.67	cps
Silver	109-1	5039775	4984093	4965281	4996383	0.78	cps
Silver	107-1	5226983	5263476	5193049	5227836	0.67	cps
Sodium	23-2	22278802	22618978	22430666	22442815	0.76	cps
Strontium	86-1	1455003	1455916	1442844	1451254	0.50	cps
Strontium	88-1	12819655	12714533	12698425	12744204	0.52	cps
Sulfur	34-1	1025108	1029034	1016667	1023603	0.62	cps
Terbium	159-1	12164811	12169693	12216673	12183726	0.24	cps
Terbium	159-2	6811273	6823531	6828251	6821019	0.13	cps
Thallium	203-1	3717783	3692268	3652141	3687397	0.90	cps
Thallium	205-1	9879379	9828764	9774749	9827631	0.53	cps
Thorium	232-1	14205339	13779728	13728089	13904385	1.88	cps
Tin	118-1	3396540	3372014	3389366	3385973	0.37	cps
Titanium	47-1	3208115	3211218	3169064	3196132	0.74	cps
Uranium	238-1	12640920	12607187	12394183	12547430	1.07	cps

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:18:43	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1464068	1452252	1451067	1455795	0.49	cps
Yttrium	89-1	12901451	12760749	12759379	12807193	0.64	cps
Yttrium	89-2	2350816	2364555	2369253	2361541	0.41	cps
Zinc	66-2	2876327	2846369	2839069	2853922	0.69	cps
Zirconium	90-1	7737525	7621086	7586262	7648291	1.04	cps
Zirconium	91-1	1706679	1693971	1689825	1696825	0.52	cps

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:22:02	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2405505	2432500	2410022	2416009	0.60	cps
Antimony	121-1	8690259	8646390	8731673	8689441	0.49	cps
Arsenic	75-2	394552	399156	397213	396973	0.58	cps
Barium	135-1	10752858	10788714	10929435	10823669	0.86	cps
Barium	137-1	18755915	18651341	18720222	18709159	0.28	cps
Beryllium	9-1	1541242	1543782	1545400	1543475	0.14	cps
Bismuth	209-1	7087499	7244925	7244439	7192288	1.26	cps
Bismuth	209-2	4031767	4034478	4028342	4031529	0.08	cps
Boron	10-1	188249	190208	193420	190625	1.37	cps
Boron	11-1	920213	927346	945402	930987	1.39	cps
Bromine	81-1	22084	22067	22067	22073	0.04	cps
Bromine	81-2	20	70	90	60	60.09	cps
Cadmium	111-1	2167938	2169063	2181240	2172747	0.34	cps
Cadmium	106-1	250734	245975	250247	248985	1.05	cps
Cadmium	108-1	168728	167414	167573	167905	0.43	cps
Calcium	43-1	2818027	2845313	2805775	2823038	0.72	cps
Calcium	44-1	43440280	43191360	42857886	43163176	0.68	cps
Chromium	52-2	3453390	3441922	3452482	3449264	0.18	cps
Cobalt	59-2	5291790	5253911	5291650	5279117	0.41	cps
Copper	63-2	36335294	36647114	36550796	36511068	0.44	cps
Dysprosium	156-1	225	417	267	303	33.29	cps
Dysprosium	156-2	227	180	217	208	11.83	cps
Erbium	164-1	100	92	108	100	8.33	cps
Erbium	164-2	77	43	33	51	44.40	cps
Gadolinium	160-1	300	192	300	264	23.70	cps
Gadolinium	160-2	280	180	240	233	21.57	cps
Holmium	165-1	11792029	11855184	11826647	11824620	0.27	cps
Holmium	165-2	6986498	6910978	6852511	6916663	0.97	cps
Indium	115-1	9005316	8876948	8997659	8959974	0.80	cps
Indium	115-2	2208887	2212405	2188107	2203133	0.60	cps
Iron	54-2	7852740	7882585	7816595	7850640	0.42	cps
Iron	56-2	143012725	143114923	143396770	143174806	0.14	cps
Iron	57-2	3589026	3594063	3583876	3588988	0.14	cps
Krypton	83-1	910	980	1003	964	5.04	cps
Lead	206-1	34925628	34998655	35021443	34981909	0.14	cps
Lead	207-1	30445830	30433534	30438664	30439343	0.02	cps

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:22:02	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	77044450	76750795	77175621	76990289	0.28	cps
Lithium	6-1	2178880	2190548	2191848	2187092	0.33	cps
Magnesium	24-2	26140418	25896174	25920703	25985765	0.52	cps
Manganese	55-2	21709773	21931512	22115054	21918780	0.93	cps
Molybdenum	94-1	18082328	18155412	18508617	18248785	1.25	cps
Molybdenum	95-1	22057007	22025756	22416885	22166549	0.98	cps
Molybdenum	96-1	24162778	24281610	24318818	24254402	0.34	cps
Molybdenum	97-1	13489547	13764986	13668394	13640975	1.02	cps
Molybdenum	98-1	34601525	34801618	35404009	34935717	1.20	cps
Neodymium	150-1	860	833	720	804	9.24	cps
Neodymium	150-2	100	73	100	91	16.90	cps
Nickel	60-2	1378865	1370526	1380327	1376573	0.38	cps
Phosphorus	31-2	148036	150620	146891	148516	1.29	cps
Potassium	39-2	14084614	14127561	14008076	14073417	0.43	cps
Rhodium	103-1	8380383	8447416	8415106	8414301	0.40	cps
Rhodium	103-2	4576020	4592158	4573263	4580480	0.22	cps
Scandium	45-1	6410229	6351324	6376995	6379516	0.46	cps
Scandium	45-2	399167	395316	398152	397545	0.50	cps
Selenium	82-1	153349	152731	152964	153015	0.20	cps
Selenium	77-2	10020	9940	9540	9833	2.62	cps
Selenium	78-2	31931	32234	31987	32051	0.50	cps
Silicon	28-1	8210728	8374997	8448801	8344842	1.46	cps
Silver	109-1	9983537	10044289	10253826	10093884	1.40	cps
Silver	107-1	10603863	10485951	10455738	10515184	0.74	cps
Sodium	23-2	44980907	45140973	44618006	44913295	0.60	cps
Strontium	86-1	2891351	2890746	2897793	2893297	0.13	cps
Strontium	88-1	25431428	25431726	25758722	25540625	0.74	cps
Sulfur	34-1	1432911	1441427	1437832	1437390	0.30	cps
Terbium	159-1	12325542	12095204	12039719	12153488	1.25	cps
Terbium	159-2	6894258	6834906	6943409	6890858	0.79	cps
Thallium	203-1	8039976	8093460	7978801	8037413	0.71	cps
Thallium	205-1	19425976	19312449	19549698	19429374	0.61	cps
Thorium	232-1	27329219	27722462	27514781	27522154	0.71	cps
Tin	118-1	6907082	6845664	6935333	6896027	0.66	cps
Titanium	47-1	6468826	6419555	6455387	6447923	0.39	cps
Uranium	238-1	24638798	24719849	24954720	24771122	0.66	cps

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:22:02	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2931031	2942818	2934680	2936176	0.21	cps
Yttrium	89-1	13003975	13020130	13280229	13101444	1.18	cps
Yttrium	89-2	2386866	2405868	2385331	2392688	0.48	cps
Zinc	66-2	5585025	5631584	5609834	5608814	0.42	cps
Zirconium	90-1	15338699	15123082	15487874	15316552	1.20	cps
Zirconium	91-1	3410498	3393682	3415344	3406508	0.33	cps

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:25:19	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12519899	12643836	12676359	12613364	0.65	cps
Antimony	121-1	7777	7702	7110	7530	4.85	cps
Arsenic	75-2	183	157	187	176	9.18	cps
Barium	135-1	19055	18054	17937	18349	3.35	cps
Barium	137-1	31762	31486	32121	31790	1.00	cps
Beryllium	9-1	289	172	139	200	39.38	cps
Bismuth	209-1	5659893	5668601	5675711	5668068	0.14	cps
Bismuth	209-2	3642485	3622395	3659776	3641552	0.51	cps
Boron	10-1	10971	9712	9753	10145	7.05	cps
Boron	11-1	51388	49088	48478	49651	3.09	cps
Bromine	81-1	21358	22101	21825	21761	1.72	cps
Bromine	81-2	80	100	80	87	13.32	cps
Cadmium	111-1	4403	4157	4387	4316	3.18	cps
Cadmium	106-1	5251	4868	5151	5090	3.91	cps
Cadmium	108-1	133	167	117	139	18.33	cps
Calcium	43-1	13730251	13611026	13938621	13759966	1.20	cps
Calcium	44-1	219135138	215513263	225774422	220140941	2.36	cps
Chromium	52-2	13116	13660	13676	13484	2.37	cps
Cobalt	59-2	9967	10427	10044	10146	2.43	cps
Copper	63-2	15735	15265	15719	15573	1.71	cps
Dysprosium	156-1	733	600	608	647	11.54	cps
Dysprosium	156-2	380	413	320	371	12.74	cps
Erbium	164-1	100	117	100	106	9.12	cps
Erbium	164-2	80	57	97	78	25.83	cps
Gadolinium	160-1	575	700	875	717	21.03	cps
Gadolinium	160-2	593	610	547	583	5.63	cps
Holmium	165-1	11224008	11159842	11046189	11143346	0.81	cps
Holmium	165-2	6712992	6255125	6709528	6559215	4.02	cps
Indium	115-1	8557704	8561764	8436987	8518818	0.83	cps
Indium	115-2	2131876	2130029	2140885	2134263	0.27	cps
Iron	54-2	38595518	38606498	39205133	38802383	0.90	cps
Iron	56-2	701691105	701867060	712110771	705222979	0.85	cps
Iron	57-2	17546836	17540594	17731325	17606252	0.62	cps
Krypton	83-1	860	1017	863	913	9.80	cps
Lead	206-1	53089	47435	42250	47592	11.39	cps
Lead	207-1	44944	39544	34752	39747	12.83	cps

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:25:19	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	204663	183939	164229	184277	10.97	cps
Lithium	6-1	2064889	2101060	2129480	2098476	1.54	cps
Magnesium	24-2	133869728	134499866	135373357	134580984	0.56	cps
Manganese	55-2	19126	19066	19400	19197	0.93	cps
Molybdenum	94-1	5460	5418	5468	5448	0.49	cps
Molybdenum	95-1	6810	6393	6485	6563	3.34	cps
Molybdenum	96-1	11463	11889	11788	11713	1.90	cps
Molybdenum	97-1	3667	3642	3684	3664	0.57	cps
Molybdenum	98-1	8995	8920	8569	8828	2.57	cps
Neodymium	150-1	47	47	40	44	8.66	cps
Neodymium	150-2	10	20	13	14	35.26	cps
Nickel	60-2	4197	4067	4417	4227	4.19	cps
Phosphorus	31-2	267	267	108	214	42.74	cps
Potassium	39-2	73256291	72919062	74517493	73564282	1.15	cps
Rhodium	103-1	7596143	7680906	7803339	7693463	1.35	cps
Rhodium	103-2	4210103	4198293	4247558	4218652	0.61	cps
Scandium	45-1	6093100	6220035	6315188	6209441	1.79	cps
Scandium	45-2	396534	395462	401390	397795	0.79	cps
Selenium	82-1	238	66	206	170	53.74	cps
Selenium	77-2	20	3	0	8	137.80	cps
Selenium	78-2	170	172	220	188	15.11	cps
Silicon	28-1	1503358	1514210	1510384	1509317	0.36	cps
Silver	109-1	5360	5360	5443	5387	0.89	cps
Silver	107-1	6085	5643	6043	5924	4.12	cps
Sodium	23-2	226842272	230353213	231680905	229625463	1.09	cps
Strontium	86-1	17628	17670	18020	17772	1.21	cps
Strontium	88-1	141802	141212	141062	141359	0.28	cps
Sulfur	34-1	544197	556719	557176	552697	1.33	cps
Terbium	159-1	11350715	11458664	11438817	11416065	0.50	cps
Terbium	159-2	6581502	6667416	6582815	6610578	0.74	cps
Thallium	203-1	575	667	600	614	7.72	cps
Thallium	205-1	1709	1458	1533	1567	8.19	cps
Thorium	232-1	4379	4440	3917	4245	6.73	cps
Tin	118-1	5443	5309	4993	5248	4.41	cps
Titanium	47-1	808	800	775	794	2.18	cps
Uranium	238-1	2867	2350	2917	2711	11.57	cps

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:25:19	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	667	710	757	711	6.33	cps
Yttrium	89-1	12375940	12498727	12482506	12452391	0.54	cps
Yttrium	89-2	2319774	2348495	2374201	2347490	1.16	cps
Zinc	66-2	16266	15849	16089	16068	1.30	cps
Zirconium	90-1	4634	5026	4693	4784	4.42	cps
Zirconium	91-1	1000	1050	1183	1078	8.79	cps

LB Number : LB111783 Operator : JASWAL
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-30 17:38:36 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	59619	59351	54140	57704	5.35	cps
Antimony	121-1	1572166	1572756	1586027	1576983	0.50	cps
Arsenic	75-2	76470	74608	70829	73969	3.89	cps
Barium	135-1	200457	197145	201040	199548	1.05	cps
Barium	137-1	343534	346389	349687	346537	0.89	cps
Beryllium	9-1	152131	152776	151671	152193	0.36	cps
Bismuth	209-1	7452730	7562083	7525479	7513431	0.74	cps
Bismuth	209-2	4123317	4155185	4266055	4181519	1.79	cps
Boron	10-1	134912	134610	136023	135182	0.55	cps
Boron	11-1	666144	658868	655900	660304	0.80	cps
Bromine	81-1	21325	21800	20665	21263	2.68	cps
Bromine	81-2	70	100	50	73	34.32	cps
Cadmium	111-1	225861	225752	227770	226461	0.50	cps
Cadmium	106-1	50298	51619	50432	50783	1.43	cps
Cadmium	108-1	27773	27719	27560	27684	0.40	cps
Calcium	43-1	59863	60432	61017	60437	0.96	cps
Calcium	44-1	923901	940958	923186	929348	1.08	cps
Chromium	52-2	332922	328308	304427	321886	4.75	cps
Cobalt	59-2	524290	515371	486590	508750	3.87	cps
Copper	63-2	367521	361219	338917	355886	4.22	cps
Dysprosium	156-1	17	0	25	14	91.65	cps
Dysprosium	156-2	10	10	23	14	53.28	cps
Erbium	164-1	58	33	25	39	44.61	cps
Erbium	164-2	13	30	27	23	37.81	cps
Gadolinium	160-1	58	67	117	81	39.17	cps
Gadolinium	160-2	153	117	130	133	13.92	cps
Holmium	165-1	11637504	11787129	11701727	11708786	0.64	cps
Holmium	165-2	6861414	6970455	7072355	6968075	1.51	cps
Indium	115-1	9201711	9191156	9064965	9152611	0.83	cps
Indium	115-2	2219812	2261874	2288603	2256763	1.54	cps
Iron	54-2	313251	310084	285576	302970	5.00	cps
Iron	56-2	5403315	5381130	4954368	5246271	4.82	cps
Iron	57-2	136611	134582	125189	132127	4.61	cps
Krypton	83-1	907	957	850	904	5.90	cps
Lead	206-1	1315094	1324077	1325414	1321528	0.42	cps
Lead	207-1	1029343	1052515	1053416	1045091	1.31	cps

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:38:36	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	4979801	5010292	5054864	5014986	0.75	cps
Lithium	6-1	2280320	2290381	2295088	2288596	0.33	cps
Magnesium	24-2	301290	299888	276892	292690	4.68	cps
Manganese	55-2	210627	211234	195624	205828	4.30	cps
Molybdenum	94-1	9648701	9631435	9531647	9603928	0.66	cps
Molybdenum	95-1	11478856	11530074	11583648	11530859	0.45	cps
Molybdenum	96-1	12798871	12769066	12761550	12776496	0.15	cps
Molybdenum	97-1	7163955	7183984	7201863	7183267	0.26	cps
Molybdenum	98-1	18226107	18238164	18188542	18217605	0.14	cps
Neodymium	150-1	33	13	40	29	48.05	cps
Neodymium	150-2	7	3	10	7	50.03	cps
Nickel	60-2	138597	136767	127831	134398	4.29	cps
Phosphorus	31-2	167	133	133	144	13.33	cps
Potassium	39-2	619520	617899	609677	615699	0.86	cps
Rhodium	103-1	8766675	8671937	8893490	8777367	1.27	cps
Rhodium	103-2	4682780	4762935	4873727	4773147	2.01	cps
Scandium	45-1	6294786	6385676	6451940	6377467	1.24	cps
Scandium	45-2	386837	392632	402707	394059	2.04	cps
Selenium	82-1	29291	29269	30281	29614	1.95	cps
Selenium	77-2	1737	1867	1793	1799	3.62	cps
Selenium	78-2	6320	6501	6157	6326	2.72	cps
Silicon	28-1	4602866	4683129	4694934	4660309	1.07	cps
Silver	109-1	468010	473719	474304	472011	0.74	cps
Silver	107-1	509697	498006	498744	502149	1.30	cps
Sodium	23-2	922708	923620	888155	911494	2.22	cps
Strontium	86-1	1595831	1608277	1614864	1606324	0.60	cps
Strontium	88-1	14125461	14127279	14096220	14116320	0.12	cps
Sulfur	34-1	558353	551708	543847	551303	1.32	cps
Terbium	159-1	11926436	11970506	12250152	12049032	1.46	cps
Terbium	159-2	6725683	6905562	7097396	6909547	2.69	cps
Thallium	203-1	1541502	1557578	1566514	1555198	0.82	cps
Thallium	205-1	3668478	3699013	3689770	3685753	0.42	cps
Thorium	232-1	140447	142660	143384	142164	1.08	cps
Tin	118-1	3712094	3703420	3728150	3714555	0.34	cps
Titanium	47-1	3333766	3324174	3343808	3333916	0.29	cps
Uranium	238-1	13593240	13495890	13795553	13628228	1.12	cps

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:38:36	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	276139	269697	252376	266071	4.62	cps
Yttrium	89-1	12930143	12894376	13062890	12962470	0.68	cps
Yttrium	89-2	2353985	2386754	2428147	2389629	1.56	cps
Zinc	66-2	109849	109852	101822	107174	4.33	cps
Zirconium	90-1	8306748	8333970	8252949	8297889	0.50	cps
Zirconium	91-1	1846109	1859911	1867239	1857753	0.58	cps

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:42:03	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2575	2459	2425	2486	3.17	cps
Antimony	121-1	16009	15425	16226	15887	2.61	cps
Arsenic	75-2	376	376	339	364	5.88	cps
Barium	135-1	18354	18179	18463	18332	0.78	cps
Barium	137-1	32790	31378	31653	31940	2.34	cps
Beryllium	9-1	1489	1478	1483	1483	0.37	cps
Bismuth	209-1	7464956	7389195	7613942	7489364	1.53	cps
Bismuth	209-2	4046199	4095082	4171252	4104178	1.54	cps
Boron	10-1	7911	8086	7869	7955	1.45	cps
Boron	11-1	39819	38432	39828	39360	2.04	cps
Bromine	81-1	21450	21425	21525	21466	0.24	cps
Bromine	81-2	80	30	30	47	61.86	cps
Cadmium	111-1	5999	6007	6031	6012	0.28	cps
Cadmium	106-1	5218	5034	5393	5215	3.44	cps
Cadmium	108-1	208	192	213	204	5.40	cps
Calcium	43-1	13848	13164	13640	13551	2.59	cps
Calcium	44-1	226536	224379	224732	225215	0.51	cps
Chromium	52-2	7699	7765	7322	7595	3.15	cps
Cobalt	59-2	4864	4931	5044	4946	1.84	cps
Copper	63-2	9300	9233	8596	9043	4.30	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	7	10	17	11	45.82	cps
Erbium	164-1	92	83	42	72	37.09	cps
Erbium	164-2	47	10	33	30	61.87	cps
Gadolinium	160-1	100	50	92	81	33.25	cps
Gadolinium	160-2	157	137	130	141	9.84	cps
Holmium	165-1	11687430	11922991	11772470	11794297	1.01	cps
Holmium	165-2	6594610	6864891	6928299	6795933	2.61	cps
Indium	115-1	9125016	9099670	9504623	9243103	2.45	cps
Indium	115-2	2165982	2261229	2284737	2237316	2.81	cps
Iron	54-2	8952	9182	9172	9102	1.43	cps
Iron	56-2	146663	145562	136330	142852	3.97	cps
Iron	57-2	4156	3928	3906	3997	3.46	cps
Krypton	83-1	863	873	923	887	3.63	cps
Lead	206-1	6946	6541	7058	6848	3.97	cps
Lead	207-1	5412	5846	5724	5661	3.95	cps

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:42:03	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	26733	26511	27006	26750	0.93	cps
Lithium	6-1	2274769	2275510	2289160	2279813	0.36	cps
Magnesium	24-2	123798	120774	115382	119985	3.55	cps
Manganese	55-2	2117	2110	2087	2105	0.75	cps
Molybdenum	94-1	17937	17528	17136	17533	2.28	cps
Molybdenum	95-1	20791	20357	21416	20855	2.56	cps
Molybdenum	96-1	22952	22652	23161	22922	1.12	cps
Molybdenum	97-1	12614	12706	13015	12778	1.64	cps
Molybdenum	98-1	33173	33682	33448	33434	0.76	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	1553	1473	1260	1429	10.61	cps
Phosphorus	31-2	175	167	142	161	10.77	cps
Potassium	39-2	207210	207708	204675	206531	0.79	cps
Rhodium	103-1	8630403	8780167	8767787	8726119	0.95	cps
Rhodium	103-2	4518074	4767705	4826295	4704025	3.48	cps
Scandium	45-1	6247687	6338978	6362409	6316358	0.96	cps
Scandium	45-2	375663	394700	396128	388831	2.94	cps
Selenium	82-1	780	697	675	718	7.68	cps
Selenium	77-2	50	27	30	36	35.49	cps
Selenium	78-2	256	326	306	296	12.25	cps
Silicon	28-1	1062649	1045914	1047410	1051991	0.88	cps
Silver	109-1	9128	9303	9137	9189	1.07	cps
Silver	107-1	9704	9262	9670	9545	2.58	cps
Sodium	23-2	256090	255337	249298	253575	1.47	cps
Strontium	86-1	3942	3759	4026	3909	3.49	cps
Strontium	88-1	23687	23578	23495	23586	0.41	cps
Sulfur	34-1	544383	547284	552080	547916	0.71	cps
Terbium	159-1	11994578	12226193	11989866	12070212	1.12	cps
Terbium	159-2	6593725	6777831	6839965	6737173	1.90	cps
Thallium	203-1	6302	6885	6927	6705	5.21	cps
Thallium	205-1	15476	16461	15576	15838	3.42	cps
Thorium	232-1	433	606	594	544	17.70	cps
Tin	118-1	32881	31820	32839	32513	1.85	cps
Titanium	47-1	5585	5726	6126	5812	4.83	cps
Uranium	238-1	19182	19182	19140	19168	0.13	cps

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:42:03	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	12882	12876	12682	12813	0.89	cps
Yttrium	89-1	12900962	12838754	13050745	12930154	0.84	cps
Yttrium	89-2	2263268	2377260	2402335	2347621	3.16	cps
Zinc	66-2	1700	1600	1610	1637	3.37	cps
Zirconium	90-1	15626	14883	15217	15242	2.44	cps
Zirconium	91-1	3659	3117	3200	3325	8.77	cps

LB Number : LB111783 Operator : JASWAL
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-30 17:45:35 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	92	75	83	10.00	cps
Antimony	121-1	258	292	342	297	14.11	cps
Arsenic	75-2	19	15	9	14	32.83	cps
Barium	135-1	75	50	67	64	19.92	cps
Barium	137-1	108	83	67	86	24.35	cps
Beryllium	9-1	33	67	39	46	38.58	cps
Bismuth	209-1	7484213	7485120	7393727	7454353	0.70	cps
Bismuth	209-2	4168663	4171220	4160710	4166864	0.13	cps
Boron	10-1	3217	3509	3250	3325	4.80	cps
Boron	11-1	15817	16184	15592	15864	1.88	cps
Bromine	81-1	21008	21650	22042	21567	2.42	cps
Bromine	81-2	100	100	50	83	34.64	cps
Cadmium	111-1	3372	3363	3520	3418	2.58	cps
Cadmium	106-1	4834	4793	5026	4884	2.55	cps
Cadmium	108-1	17	13	21	17	24.99	cps
Calcium	43-1	242	217	292	250	15.28	cps
Calcium	44-1	17678	17819	18504	18000	2.45	cps
Chromium	52-2	1237	1233	1350	1273	5.22	cps
Cobalt	59-2	50	63	63	59	13.07	cps
Copper	63-2	1407	1267	1203	1292	8.05	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	10	10	23	14	53.28	cps
Erbium	164-1	50	33	58	47	26.96	cps
Erbium	164-2	20	37	43	33	36.05	cps
Gadolinium	160-1	67	83	75	75	11.11	cps
Gadolinium	160-2	177	87	83	116	45.82	cps
Holmium	165-1	11715834	11689889	11877621	11761115	0.86	cps
Holmium	165-2	6967087	6873784	6794299	6878390	1.26	cps
Indium	115-1	9316788	9358100	9289304	9321397	0.37	cps
Indium	115-2	2282526	2283446	2281937	2282636	0.03	cps
Iron	54-2	1361	1261	1722	1448	16.72	cps
Iron	56-2	8725	9220	9181	9042	3.04	cps
Iron	57-2	411	600	478	496	19.30	cps
Krypton	83-1	813	863	907	861	5.42	cps
Lead	206-1	978	1056	850	961	10.80	cps
Lead	207-1	756	711	806	757	6.24	cps

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:45:35	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	3856	3784	3789	3810	1.06	cps
Lithium	6-1	2271360	2278011	2271429	2273600	0.17	cps
Magnesium	24-2	325	608	383	439	34.09	cps
Manganese	55-2	140	137	123	133	6.61	cps
Molybdenum	94-1	558	425	442	475	15.29	cps
Molybdenum	95-1	333	300	292	308	7.15	cps
Molybdenum	96-1	408	375	467	417	11.14	cps
Molybdenum	97-1	217	242	233	231	5.52	cps
Molybdenum	98-1	492	575	350	472	24.09	cps
Neodymium	150-1	20	0	0	7	173.21	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	137	93	83	104	27.15	cps
Phosphorus	31-2	192	133	125	150	24.22	cps
Potassium	39-2	71966	71832	74453	72750	2.03	cps
Rhodium	103-1	8790900	8981660	8794747	8855769	1.23	cps
Rhodium	103-2	4777142	4803881	4758990	4780004	0.47	cps
Scandium	45-1	6322590	6474180	6381824	6392864	1.20	cps
Scandium	45-2	394013	395891	396077	395327	0.29	cps
Selenium	82-1	77	30	46	51	45.92	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	167	150	148	155	6.58	cps
Silicon	28-1	952490	954048	950113	952217	0.21	cps
Silver	109-1	158	167	167	164	2.93	cps
Silver	107-1	225	283	317	275	16.87	cps
Sodium	23-2	36620	37188	38350	37386	2.36	cps
Strontium	86-1	1333	1317	1717	1456	15.55	cps
Strontium	88-1	300	367	358	342	10.63	cps
Sulfur	34-1	557927	562613	565999	562180	0.72	cps
Terbium	159-1	12154333	12352374	12264084	12256931	0.81	cps
Terbium	159-2	6926729	6856333	6869459	6884174	0.54	cps
Thallium	203-1	17	42	75	44	65.84	cps
Thallium	205-1	142	117	117	125	11.55	cps
Thorium	232-1	322	478	428	409	19.41	cps
Tin	118-1	1233	1267	1117	1206	6.53	cps
Titanium	47-1	217	217	200	211	4.56	cps
Uranium	238-1	100	133	133	122	15.75	cps

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:45:35	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	13	10	17	13	25.01	cps
Yttrium	89-1	13102700	13369987	13074155	13182281	1.24	cps
Yttrium	89-2	2377449	2399693	2407504	2394882	0.65	cps
Zinc	66-2	487	500	507	498	2.05	cps
Zirconium	90-1	800	800	867	822	4.68	cps
Zirconium	91-1	142	192	192	175	16.50	cps

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:49:06	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11035830	11107985	11005372	11049729	0.48	cps
Antimony	121-1	9370	9704	9637	9570	1.84	cps
Arsenic	75-2	133	176	141	150	15.17	cps
Barium	135-1	2992	3142	2759	2964	6.52	cps
Barium	137-1	4576	4726	4943	4748	3.88	cps
Beryllium	9-1	522	517	478	506	4.79	cps
Bismuth	209-1	7001251	7056479	7043203	7033644	0.41	cps
Bismuth	209-2	4061252	4081250	3967513	4036672	1.50	cps
Boron	10-1	3042	3050	2842	2978	3.96	cps
Boron	11-1	14465	14591	14215	14424	1.33	cps
Bromine	81-1	24830	23870	24880	24527	2.32	cps
Bromine	81-2	170	330	210	237	35.18	cps
Cadmium	111-1	4400	4605	4410	4471	2.59	cps
Cadmium	106-1	4559	5084	4793	4812	5.47	cps
Cadmium	108-1	2304	2375	2446	2375	2.98	cps
Calcium	43-1	2722659	2686743	2667138	2692180	1.05	cps
Calcium	44-1	41838346	40652114	41161951	41217470	1.44	cps
Chromium	52-2	67477	68243	66726	67482	1.12	cps
Cobalt	59-2	6321	5991	6585	6299	4.72	cps
Copper	63-2	37190	37645	37354	37397	0.62	cps
Dysprosium	156-1	67	17	42	42	60.00	cps
Dysprosium	156-2	33	30	10	24	51.62	cps
Erbium	164-1	92	83	100	92	9.09	cps
Erbium	164-2	23	60	37	40	46.40	cps
Gadolinium	160-1	133	67	58	86	47.74	cps
Gadolinium	160-2	163	177	167	169	4.11	cps
Holmium	165-1	11929359	11834520	11853316	11872398	0.42	cps
Holmium	165-2	7105166	7143321	7016785	7088424	0.92	cps
Indium	115-1	9222539	8994635	9124197	9113791	1.25	cps
Indium	115-2	2301404	2309411	2256355	2289057	1.25	cps
Iron	54-2	14849501	14756412	14954059	14853324	0.67	cps
Iron	56-2	273526023	272543173	272731301	272933499	0.19	cps
Iron	57-2	6812703	6807611	6891812	6837376	0.69	cps
Krypton	83-1	873	850	867	863	1.39	cps
Lead	206-1	27222	26722	27818	27254	2.01	cps
Lead	207-1	20004	20750	19598	20118	2.90	cps

LB Number : LB111783 Operator : JASWAL
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-30 17:49:06 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	98650	98749	98521	98640	0.12	cps
Lithium	6-1	2237644	2225217	2213882	2225581	0.53	cps
Magnesium	24-2	24125217	24140685	24025087	24096997	0.26	cps
Manganese	55-2	15889	16112	16106	16035	0.79	cps
Molybdenum	94-1	4680757	4677860	4738676	4699098	0.73	cps
Molybdenum	95-1	8304693	8045007	8328891	8226197	1.91	cps
Molybdenum	96-1	8698767	8592234	8718518	8669840	0.78	cps
Molybdenum	97-1	5113185	5030371	5098042	5080533	0.87	cps
Molybdenum	98-1	13051228	13095527	13078192	13074983	0.17	cps
Neodymium	150-1	20	40	47	36	39.03	cps
Neodymium	150-2	7	20	20	16	49.47	cps
Nickel	60-2	7255	7439	7365	7353	1.26	cps
Phosphorus	31-2	697818	699761	695860	697813	0.28	cps
Potassium	39-2	26772996	27142249	27126470	27013905	0.77	cps
Rhodium	103-1	8361080	8488282	8459566	8436309	0.79	cps
Rhodium	103-2	4691755	4721411	4602457	4671875	1.33	cps
Scandium	45-1	6465733	6258141	6388595	6370823	1.65	cps
Scandium	45-2	401065	406410	398196	401890	1.04	cps
Selenium	82-1	74	167	-1	80	105.71	cps
Selenium	77-2	10	3	0	4	114.60	cps
Selenium	78-2	178	148	224	183	20.87	cps
Silicon	28-1	1066055	1059309	1033405	1052923	1.64	cps
Silver	109-1	2134	2000	2192	2109	4.66	cps
Silver	107-1	2109	2309	2134	2184	4.99	cps
Sodium	23-2	43390855	43561369	43275559	43409261	0.33	cps
Strontium	86-1	97823	97932	100214	98656	1.37	cps
Strontium	88-1	852401	825166	837631	838399	1.63	cps
Sulfur	34-1	4888043	4848020	4818719	4851594	0.72	cps
Terbium	159-1	12355510	12115296	12173204	12214670	1.03	cps
Terbium	159-2	7288061	7091583	6958032	7112559	2.33	cps
Thallium	203-1	167	225	158	183	19.81	cps
Thallium	205-1	567	400	383	450	22.53	cps
Thorium	232-1	406	467	506	459	10.98	cps
Tin	118-1	2417	2209	2209	2278	5.28	cps
Titanium	47-1	2477937	2409843	2451389	2446390	1.40	cps
Uranium	238-1	442	400	367	403	9.33	cps

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:49:06	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	463	533	520	506	7.35	cps
Yttrium	89-1	13169244	13047485	12950749	13055826	0.84	cps
Yttrium	89-2	2460006	2474736	2438073	2457605	0.75	cps
Zinc	66-2	6915	6745	6635	6765	2.09	cps
Zirconium	90-1	1083	1133	950	1056	8.98	cps
Zirconium	91-1	242	258	225	242	6.90	cps

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:52:32	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10833891	10883353	10971320	10896188	0.64	cps
Antimony	121-1	172582	172776	174640	173333	0.66	cps
Arsenic	75-2	8097	7978	7997	8024	0.80	cps
Barium	135-1	43719	43042	45166	43976	2.47	cps
Barium	137-1	75881	76737	75940	76186	0.63	cps
Beryllium	9-1	31177	31060	31539	31258	0.80	cps
Bismuth	209-1	7183603	7216674	7123843	7174706	0.66	cps
Bismuth	209-2	3942810	3940108	3979058	3953992	0.55	cps
Boron	10-1	13932	13907	13840	13893	0.34	cps
Boron	11-1	66429	66713	67492	66878	0.82	cps
Bromine	81-1	23595	23828	24605	24009	2.20	cps
Bromine	81-2	270	270	240	260	6.66	cps
Cadmium	111-1	47702	48075	48231	48003	0.57	cps
Cadmium	106-1	11538	11872	11280	11563	2.57	cps
Cadmium	108-1	6335	6464	6056	6285	3.32	cps
Calcium	43-1	2697117	2710281	2718670	2708689	0.40	cps
Calcium	44-1	41495572	42143351	42335850	41991591	1.05	cps
Chromium	52-2	134201	133649	133746	133865	0.22	cps
Cobalt	59-2	111426	110676	109192	110431	1.03	cps
Copper	63-2	110580	109542	109506	109876	0.56	cps
Dysprosium	156-1	42	33	17	31	41.66	cps
Dysprosium	156-2	17	33	27	26	32.81	cps
Erbium	164-1	142	100	133	125	17.64	cps
Erbium	164-2	40	47	17	34	45.73	cps
Gadolinium	160-1	125	133	158	139	12.49	cps
Gadolinium	160-2	160	140	157	152	7.04	cps
Holmium	165-1	11822129	12303870	12168008	12098002	2.05	cps
Holmium	165-2	7051857	7011631	6997400	7020296	0.40	cps
Indium	115-1	9107649	9300913	9391153	9266572	1.56	cps
Indium	115-2	2245073	2252963	2254449	2250828	0.22	cps
Iron	54-2	14880613	14856552	14614058	14783741	1.00	cps
Iron	56-2	273629262	269199812	271484317	271437797	0.82	cps
Iron	57-2	6854259	6809121	6786025	6816468	0.51	cps
Krypton	83-1	923	883	880	896	2.69	cps
Lead	206-1	143016	142777	143264	143019	0.17	cps
Lead	207-1	111158	110257	111490	110969	0.58	cps

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:52:32	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	532614	528543	531536	530898	0.40	cps
Lithium	6-1	2279075	2254264	2269148	2267496	0.55	cps
Magnesium	24-2	23906758	23865248	23485194	23752400	0.98	cps
Manganese	55-2	57177	58111	57221	57503	0.92	cps
Molybdenum	94-1	5228344	5192263	5175966	5198857	0.52	cps
Molybdenum	95-1	8448468	8618488	8539458	8535471	1.00	cps
Molybdenum	96-1	9046715	9150677	9082404	9093265	0.58	cps
Molybdenum	97-1	5310371	5266598	5221665	5266211	0.84	cps
Molybdenum	98-1	13635862	13563499	13320077	13506480	1.22	cps
Neodymium	150-1	60	53	40	51	19.92	cps
Neodymium	150-2	23	13	23	20	28.87	cps
Nickel	60-2	34654	33929	34397	34327	1.07	cps
Phosphorus	31-2	694559	692727	691388	692891	0.23	cps
Potassium	39-2	27011730	27301307	27217697	27176911	0.55	cps
Rhodium	103-1	8718068	8433671	8477517	8543085	1.79	cps
Rhodium	103-2	4633404	4615563	4615107	4621358	0.23	cps
Scandium	45-1	6447606	6637246	6609883	6564912	1.56	cps
Scandium	45-2	399631	401180	399021	399944	0.28	cps
Selenium	82-1	3056	3027	3123	3069	1.60	cps
Selenium	77-2	163	167	237	189	21.92	cps
Selenium	78-2	752	894	770	806	9.63	cps
Silicon	28-1	1377196	1386294	1398262	1387251	0.76	cps
Silver	109-1	187662	184243	187030	186311	0.98	cps
Silver	107-1	197822	195743	194138	195901	0.94	cps
Sodium	23-2	43038305	42891601	42882004	42937303	0.20	cps
Strontium	86-1	270869	272030	270589	271163	0.28	cps
Strontium	88-1	2319650	2361687	2320344	2333894	1.03	cps
Sulfur	34-1	4866257	4902360	5004035	4924217	1.45	cps
Terbium	159-1	12598898	12273529	12366400	12412942	1.35	cps
Terbium	159-2	7000634	6916807	6846355	6921265	1.12	cps
Thallium	203-1	141758	141471	138843	140691	1.14	cps
Thallium	205-1	338824	332556	341393	337591	1.35	cps
Thorium	232-1	15109	14564	14581	14752	2.10	cps
Tin	118-1	390164	394083	395913	393387	0.75	cps
Titanium	47-1	2549326	2553156	2523366	2541949	0.64	cps
Uranium	238-1	1225673	1205353	1204733	1211920	0.98	cps

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:52:32	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	56842	57224	55326	56464	1.78	cps
Yttrium	89-1	13013805	13435065	13393348	13280739	1.75	cps
Yttrium	89-2	2429319	2432440	2438582	2433447	0.19	cps
Zinc	66-2	18435	18095	18171	18234	0.98	cps
Zirconium	90-1	881368	902872	888155	890798	1.23	cps
Zirconium	91-1	197857	197325	202978	199386	1.57	cps

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	CCV09	Instrumnet Name :	P7
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:55:59	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6473533	6511711	6525163	6503469	0.41	cps
Antimony	121-1	4105495	4084948	4052042	4080828	0.66	cps
Arsenic	75-2	199740	199507	198278	199175	0.39	cps
Barium	135-1	5082673	5042965	5068761	5064800	0.40	cps
Barium	137-1	9192026	9350305	9200365	9247565	0.96	cps
Beryllium	9-1	764659	783272	771761	773231	1.21	cps
Bismuth	209-1	5979542	5997730	6877545	6284939	8.17	cps
Bismuth	209-2	3819836	3813234	3821915	3818328	0.12	cps
Boron	10-1	96112	97487	96346	96648	0.76	cps
Boron	11-1	471392	476939	479833	476055	0.90	cps
Bromine	81-1	22969	23152	22952	23024	0.48	cps
Bromine	81-2	80	50	10	47	75.25	cps
Cadmium	111-1	1059761	1068207	1074201	1067390	0.68	cps
Cadmium	106-1	124391	123155	123475	123674	0.52	cps
Cadmium	108-1	82093	82965	81092	82050	1.14	cps
Calcium	43-1	6588729	6658066	6579687	6608827	0.65	cps
Calcium	44-1	106551802	107345552	104549990	106149115	1.36	cps
Chromium	52-2	1757634	1754857	1751904	1754798	0.16	cps
Cobalt	59-2	2642698	2655123	2640368	2646063	0.30	cps
Copper	63-2	18757110	18382442	18252076	18463876	1.42	cps
Dysprosium	156-1	400	542	417	453	17.10	cps
Dysprosium	156-2	307	270	283	287	6.47	cps
Erbium	164-1	100	125	92	106	16.43	cps
Erbium	164-2	93	80	53	76	26.96	cps
Gadolinium	160-1	508	383	425	439	14.50	cps
Gadolinium	160-2	330	320	357	336	5.65	cps
Holmium	165-1	11695398	11747440	11646597	11696478	0.43	cps
Holmium	165-2	6890678	6918659	6891214	6900184	0.23	cps
Indium	115-1	8955775	8950485	9029794	8978685	0.49	cps
Indium	115-2	2211785	2213988	2223801	2216525	0.29	cps
Iron	54-2	19152299	18993925	18985534	19043919	0.49	cps
Iron	56-2	351791152	348047286	348885830	349574756	0.56	cps
Iron	57-2	8788829	8792454	8743029	8774771	0.31	cps
Krypton	83-1	863	927	947	912	4.77	cps
Lead	206-1	16667101	16828390	16823199	16772897	0.55	cps
Lead	207-1	14539257	14672605	14630417	14614093	0.47	cps

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	CCV09	Instrumnet Name :	P7
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:55:59	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	65997896	66763929	67074089	66611971	0.83	cps
Lithium	6-1	2174071	2182115	2168606	2174931	0.31	cps
Magnesium	24-2	65000833	64992929	64759893	64917885	0.21	cps
Manganese	55-2	11073205	11189422	11091112	11117913	0.56	cps
Molybdenum	94-1	9168571	9255578	9158588	9194246	0.58	cps
Molybdenum	95-1	11076816	11255116	11008343	11113425	1.15	cps
Molybdenum	96-1	12233898	12432109	12056651	12240886	1.53	cps
Molybdenum	97-1	6859768	6968219	6804075	6877354	1.21	cps
Molybdenum	98-1	17686143	17499416	17480124	17555227	0.65	cps
Neodymium	150-1	447	320	507	424	22.45	cps
Neodymium	150-2	80	83	83	82	2.34	cps
Nickel	60-2	689839	692719	685946	689501	0.49	cps
Phosphorus	31-2	77166	77073	74954	76398	1.64	cps
Potassium	39-2	36136859	36273811	36178092	36196254	0.19	cps
Rhodium	103-1	8302929	8457788	8275224	8345314	1.18	cps
Rhodium	103-2	4500153	4478784	4462685	4480541	0.42	cps
Scandium	45-1	6575021	6529062	6564339	6556141	0.37	cps
Scandium	45-2	408248	408667	409437	408784	0.15	cps
Selenium	82-1	75349	75597	74731	75225	0.59	cps
Selenium	77-2	4734	5101	5008	4948	3.85	cps
Selenium	78-2	16051	16367	16317	16245	1.04	cps
Silicon	28-1	4885311	4990282	5054975	4976856	1.72	cps
Silver	109-1	4717611	4730251	4700317	4716060	0.32	cps
Silver	107-1	4949261	4971456	4924250	4948322	0.48	cps
Sodium	23-2	113115919	112610698	112151265	112625961	0.43	cps
Strontium	86-1	1483219	1451480	1474532	1469744	1.12	cps
Strontium	88-1	13114387	13000971	12985227	13033528	0.54	cps
Sulfur	34-1	981724	992592	982712	985676	0.61	cps
Terbium	159-1	12046816	12114226	12028039	12063027	0.38	cps
Terbium	159-2	6833256	6817922	6793528	6814902	0.29	cps
Thallium	203-1	3422806	3480843	3423536	3442395	0.97	cps
Thallium	205-1	9113711	9250334	9357789	9240611	1.32	cps
Thorium	232-1	13207327	13227783	13155999	13197037	0.28	cps
Tin	118-1	3291034	3293760	3301085	3295293	0.16	cps
Titanium	47-1	3262168	3219993	3166775	3216312	1.49	cps
Uranium	238-1	11917375	12046939	11868255	11944190	0.77	cps

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	CCV09	Instrumnet Name :	P7
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:55:59	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1510649	1505834	1497817	1504766	0.43	cps
Yttrium	89-1	13320560	13016984	13282103	13206549	1.25	cps
Yttrium	89-2	2428808	2436989	2445231	2437009	0.34	cps
Zinc	66-2	2856205	2845378	2820430	2840671	0.65	cps
Zirconium	90-1	7867961	7711221	7724534	7767905	1.12	cps
Zirconium	91-1	1715047	1720833	1691411	1709097	0.91	cps

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	CCB09	Instrumnet Name :	P7
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:59:19	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	292	358	400	350	15.61	cps
Antimony	121-1	1308	1425	1167	1300	9.95	cps
Arsenic	75-2	28	20	30	26	18.90	cps
Barium	135-1	200	242	125	189	31.30	cps
Barium	137-1	217	292	317	275	18.93	cps
Beryllium	9-1	117	150	111	126	16.70	cps
Bismuth	209-1	7377871	7256836	7335103	7323270	0.84	cps
Bismuth	209-2	4118442	4050390	4111981	4093604	0.92	cps
Boron	10-1	5293	5309	5151	5251	1.66	cps
Boron	11-1	26140	25864	24871	25625	2.60	cps
Bromine	81-1	22234	23244	23078	22852	2.37	cps
Bromine	81-2	80	140	100	107	28.65	cps
Cadmium	111-1	3748	3492	3627	3622	3.54	cps
Cadmium	106-1	5310	4951	5159	5140	3.50	cps
Cadmium	108-1	21	17	8	15	41.67	cps
Calcium	43-1	508	442	492	481	7.22	cps
Calcium	44-1	23285	24128	23753	23722	1.78	cps
Chromium	52-2	1317	1440	1413	1390	4.67	cps
Cobalt	59-2	117	97	100	104	10.26	cps
Copper	63-2	2634	2470	2210	2438	8.76	cps
Dysprosium	156-1	0	17	33	17	99.99	cps
Dysprosium	156-2	10	13	20	14	35.26	cps
Erbium	164-1	58	33	67	53	32.88	cps
Erbium	164-2	33	30	27	30	11.10	cps
Gadolinium	160-1	75	92	83	83	10.00	cps
Gadolinium	160-2	177	150	137	154	13.19	cps
Holmium	165-1	11599206	11749079	11906406	11751564	1.31	cps
Holmium	165-2	6772633	6790666	6799971	6787756	0.20	cps
Indium	115-1	9546675	9369592	9441913	9452727	0.94	cps
Indium	115-2	2294966	2296900	2303979	2298615	0.21	cps
Iron	54-2	2413	2313	2172	2299	5.25	cps
Iron	56-2	21750	22273	22139	22054	1.23	cps
Iron	57-2	772	856	806	811	5.17	cps
Krypton	83-1	883	783	973	880	10.80	cps
Lead	206-1	5385	5307	4801	5164	6.14	cps
Lead	207-1	4568	4284	4173	4342	4.69	cps

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	CCB09	Instrumnet Name :	P7
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:59:19	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	20807	19578	18594	19660	5.64	cps
Lithium	6-1	2266320	2287335	2282557	2278737	0.48	cps
Magnesium	24-2	2575	2100	2400	2359	10.19	cps
Manganese	55-2	453	397	420	423	6.73	cps
Molybdenum	94-1	933	1000	858	931	7.62	cps
Molybdenum	95-1	1167	883	1017	1022	13.87	cps
Molybdenum	96-1	1300	1050	1092	1147	11.68	cps
Molybdenum	97-1	733	658	608	667	9.44	cps
Molybdenum	98-1	1817	1492	1667	1658	9.81	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	127	103	90	107	17.40	cps
Phosphorus	31-2	158	125	225	169	30.05	cps
Potassium	39-2	92462	89208	89728	90466	1.93	cps
Rhodium	103-1	9082409	9147468	8897705	9042527	1.43	cps
Rhodium	103-2	4756089	4817680	4795868	4789879	0.65	cps
Scandium	45-1	6707951	6702966	6638029	6682982	0.58	cps
Scandium	45-2	406924	400002	406648	404524	0.97	cps
Selenium	82-1	66	93	-41	39	180.74	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	196	170	187	185	7.12	cps
Silicon	28-1	997534	988538	978366	988146	0.97	cps
Silver	109-1	483	542	675	567	17.34	cps
Silver	107-1	717	592	583	631	11.85	cps
Sodium	23-2	60898	59936	59794	60210	1.00	cps
Strontium	86-1	1542	1567	1425	1511	5.00	cps
Strontium	88-1	517	567	508	531	5.95	cps
Sulfur	34-1	575807	580592	585377	580592	0.82	cps
Terbium	159-1	12606145	12463628	12164999	12411591	1.81	cps
Terbium	159-2	6768472	6734279	6837183	6779978	0.77	cps
Thallium	203-1	308	283	125	239	41.62	cps
Thallium	205-1	642	783	792	739	11.41	cps
Thorium	232-1	1778	1778	1733	1763	1.46	cps
Tin	118-1	1692	1817	1542	1683	8.18	cps
Titanium	47-1	325	350	333	336	3.79	cps
Uranium	238-1	408	400	275	361	20.68	cps

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	CCB09	Instrumnet Name :	P7
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 17:59:19	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	53	50	40	48	14.52	cps
Yttrium	89-1	13531573	13624901	13394717	13517064	0.86	cps
Yttrium	89-2	2420240	2412388	2430020	2420883	0.36	cps
Zinc	66-2	570	613	590	591	3.67	cps
Zirconium	90-1	983	1167	1075	1075	8.53	cps
Zirconium	91-1	258	167	208	211	21.74	cps

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 18:02:51	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2884	2675	2659	2739	4.58	cps
Antimony	121-1	15434	16093	15542	15690	2.25	cps
Arsenic	75-2	452	359	361	391	13.55	cps
Barium	135-1	17787	18546	18822	18385	2.92	cps
Barium	137-1	31620	31862	32380	31954	1.22	cps
Beryllium	9-1	1517	1628	1461	1535	5.53	cps
Bismuth	209-1	7490752	7443079	7409016	7447616	0.55	cps
Bismuth	209-2	4157331	4183054	4131053	4157146	0.63	cps
Boron	10-1	8069	7736	7686	7830	2.66	cps
Boron	11-1	37990	36896	37564	37483	1.47	cps
Bromine	81-1	22552	22902	22568	22674	0.87	cps
Bromine	81-2	60	80	100	80	25.00	cps
Cadmium	111-1	6150	6105	6085	6114	0.54	cps
Cadmium	106-1	5368	5510	5309	5396	1.91	cps
Cadmium	108-1	225	258	200	228	12.85	cps
Calcium	43-1	13023	13823	13415	13420	2.98	cps
Calcium	44-1	227990	227814	227864	227889	0.04	cps
Chromium	52-2	8222	7769	7445	7812	5.00	cps
Cobalt	59-2	5021	4974	4948	4981	0.75	cps
Copper	63-2	10210	9867	9863	9980	2.00	cps
Dysprosium	156-1	50	42	8	33	66.15	cps
Dysprosium	156-2	13	7	10	10	33.30	cps
Erbium	164-1	58	92	50	67	33.07	cps
Erbium	164-2	37	33	37	36	5.42	cps
Gadolinium	160-1	125	100	108	111	11.46	cps
Gadolinium	160-2	133	130	100	121	15.16	cps
Holmium	165-1	12068309	11918283	11932237	11972943	0.69	cps
Holmium	165-2	6963452	7022566	6835774	6940597	1.38	cps
Indium	115-1	9485174	9456963	9414504	9452214	0.38	cps
Indium	115-2	2314692	2351206	2330721	2332206	0.78	cps
Iron	54-2	9643	9683	9172	9499	2.99	cps
Iron	56-2	154136	151679	144564	150127	3.31	cps
Iron	57-2	4273	4251	3806	4110	6.41	cps
Krypton	83-1	877	893	900	890	1.35	cps
Lead	206-1	7858	7880	7536	7758	2.49	cps
Lead	207-1	6618	6052	6941	6537	6.89	cps

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 18:02:51	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	30320	29647	30292	30086	1.26	cps
Lithium	6-1	2286636	2280894	2257187	2274906	0.69	cps
Magnesium	24-2	128026	127789	119725	125180	3.78	cps
Manganese	55-2	2367	2414	2314	2365	2.12	cps
Molybdenum	94-1	16593	17044	17319	16985	2.16	cps
Molybdenum	95-1	20423	20273	20924	20540	1.66	cps
Molybdenum	96-1	22510	22017	23052	22527	2.30	cps
Molybdenum	97-1	12397	12606	12189	12397	1.68	cps
Molybdenum	98-1	31928	33231	32245	32468	2.09	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	1553	1350	1390	1431	7.53	cps
Phosphorus	31-2	150	200	142	164	19.25	cps
Potassium	39-2	222672	224700	219761	222378	1.12	cps
Rhodium	103-1	8990269	8922578	9007407	8973418	0.50	cps
Rhodium	103-2	4848207	4894941	4882217	4875122	0.50	cps
Scandium	45-1	6603770	6587465	6706406	6632547	0.97	cps
Scandium	45-2	407405	414526	412773	411568	0.90	cps
Selenium	82-1	705	741	717	721	2.57	cps
Selenium	77-2	23	53	47	41	38.32	cps
Selenium	78-2	341	287	285	304	10.37	cps
Silicon	28-1	965932	963264	961064	963420	0.25	cps
Silver	109-1	9020	9045	9387	9150	2.24	cps
Silver	107-1	9562	10362	9712	9879	4.31	cps
Sodium	23-2	275059	269346	259785	268063	2.88	cps
Strontium	86-1	4317	4084	4459	4287	4.42	cps
Strontium	88-1	23837	24204	23319	23787	1.87	cps
Sulfur	34-1	584221	583369	581694	583095	0.22	cps
Terbium	159-1	12325579	12364504	12371977	12354020	0.20	cps
Terbium	159-2	6807043	6872006	6877228	6852092	0.57	cps
Thallium	203-1	6510	7010	6635	6719	3.88	cps
Thallium	205-1	15468	15943	15610	15674	1.56	cps
Thorium	232-1	856	783	778	806	5.39	cps
Tin	118-1	32196	31410	31678	31761	1.26	cps
Titanium	47-1	5910	6026	6285	6074	3.16	cps
Uranium	238-1	18381	17896	17646	17974	2.08	cps

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 18:02:51	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	13923	13443	12752	13373	4.40	cps
Yttrium	89-1	13495725	13251749	13244038	13330504	1.07	cps
Yttrium	89-2	2444504	2476760	2460307	2460524	0.66	cps
Zinc	66-2	1723	1643	1660	1676	2.52	cps
Zirconium	90-1	14883	14349	13965	14399	3.20	cps
Zirconium	91-1	3075	3125	3217	3139	2.29	cps

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	L4561-03DL2X25	Instrumnet Name :	P7
Client Sample ID :	STOCKPILE-LOC3-SO-0	Dilution Factor :	25
Date & Time Acquired ::	2020-10-30 18:06:21	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	700870	676586	611858	663105	6.94	cps
Antimony	121-1	317	242	275	278	13.53	cps
Arsenic	75-2	626	531	513	557	10.88	cps
Barium	135-1	104154	104625	104237	104339	0.24	cps
Barium	137-1	179436	179681	179773	179630	0.10	cps
Beryllium	9-1	761	889	833	828	7.74	cps
Bismuth	209-1	7524897	7388647	7532517	7482020	1.08	cps
Bismuth	209-2	4138325	4071039	4188511	4132625	1.43	cps
Boron	10-1	2842	2934	2817	2864	2.15	cps
Boron	11-1	14340	14099	14574	14338	1.66	cps
Bromine	81-1	23637	23511	23161	23436	1.05	cps
Bromine	81-2	230	180	310	240	27.32	cps
Cadmium	111-1	4031	4228	3831	4030	4.92	cps
Cadmium	106-1	5293	5668	5143	5368	5.04	cps
Cadmium	108-1	100	117	63	93	29.81	cps
Calcium	43-1	860206	856541	846025	854257	0.86	cps
Calcium	44-1	13144479	13091904	13233558	13156647	0.54	cps
Chromium	52-2	22020	21252	19299	20857	6.72	cps
Cobalt	59-2	18008	17043	15555	16869	7.33	cps
Copper	63-2	19733	18906	17334	18658	6.53	cps
Dysprosium	156-1	20633	20441	19606	20226	2.70	cps
Dysprosium	156-2	10878	10391	9213	10161	8.42	cps
Erbium	164-1	15643	15551	15776	15656	0.72	cps
Erbium	164-2	8606	8489	7696	8264	6.00	cps
Gadolinium	160-1	17119	16877	17253	17083	1.11	cps
Gadolinium	160-2	10397	10871	9507	10258	6.75	cps
Holmium	165-1	11935535	12049436	11777826	11920932	1.14	cps
Holmium	165-2	7023828	6904708	6995102	6974546	0.89	cps
Indium	115-1	9651987	9499021	9564800	9571936	0.80	cps
Indium	115-2	2342924	2309713	2367855	2340164	1.25	cps
Iron	54-2	623223	599135	534117	585492	7.87	cps
Iron	56-2	11101336	10623334	9458925	10394532	8.13	cps
Iron	57-2	280524	272663	241601	264929	7.77	cps
Krypton	83-1	1027	957	903	962	6.43	cps
Lead	206-1	63273	64740	64584	64199	1.26	cps
Lead	207-1	50409	49505	49656	49856	0.97	cps

LB Number : LB111783 Operator : JASWAL
 Lab Sample ID : L4561-03DL2X25 Instrumnet Name : P7
 Client Sample ID : STOCKPILE-LOC3-SO-0 Dilution Factor : 25
 Date & Time Acquired :: 2020-10-30 18:06:21 DataFile Name : 020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	240644	240289	242757	241230	0.55	cps
Lithium	6-1	2281655	2296230	2303699	2293861	0.49	cps
Magnesium	24-2	270814	263841	241220	258625	5.98	cps
Manganese	55-2	341460	331811	301684	324985	6.38	cps
Molybdenum	94-1	11830	11697	12289	11939	2.60	cps
Molybdenum	95-1	192	242	283	239	19.21	cps
Molybdenum	96-1	2100	2059	2292	2150	5.79	cps
Molybdenum	97-1	92	150	117	119	24.50	cps
Molybdenum	98-1	450	400	317	389	17.32	cps
Neodymium	150-1	30755	28550	29552	29619	3.73	cps
Neodymium	150-2	14314	13330	12185	13276	8.02	cps
Nickel	60-2	9020	9376	8192	8863	6.85	cps
Phosphorus	31-2	700	692	767	719	5.71	cps
Potassium	39-2	391527	394933	388446	391635	0.83	cps
Rhodium	103-1	8925982	8873130	9052044	8950386	1.03	cps
Rhodium	103-2	4820593	4809205	4901650	4843816	1.04	cps
Scandium	45-1	6617021	6499822	6738296	6618380	1.80	cps
Scandium	45-2	416388	415135	418400	416641	0.40	cps
Selenium	82-1	-34	24	98	29	227.18	cps
Selenium	77-2	63	63	73	67	8.66	cps
Selenium	78-2	209	222	191	207	7.63	cps
Silicon	28-1	1948205	1966282	1964212	1959566	0.50	cps
Silver	109-1	842	667	717	742	12.15	cps
Silver	107-1	958	892	917	922	3.65	cps
Sodium	23-2	80959	81110	81671	81246	0.46	cps
Strontium	86-1	68036	68915	66219	67723	2.03	cps
Strontium	88-1	572935	572684	570299	571973	0.25	cps
Sulfur	34-1	578882	584095	582079	581685	0.45	cps
Terbium	159-1	12193333	12410601	12401983	12335306	1.00	cps
Terbium	159-2	7026734	6799536	7158298	6994856	2.59	cps
Thallium	203-1	725	675	758	719	5.83	cps
Thallium	205-1	1617	1658	1617	1631	1.48	cps
Thorium	232-1	64432	64789	64404	64542	0.33	cps
Tin	118-1	1025	900	1142	1022	11.82	cps
Titanium	47-1	800	708	550	686	18.43	cps
Uranium	238-1	2600	2867	2667	2711	5.12	cps

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	L4561-03DL2X25	Instrumnet Name :	P7
Client Sample ID :	STOCKPILE-LOC3-SO-0	Dilution Factor :	25
Date & Time Acquired ::	2020-10-30 18:06:21	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	12269	11885	10751	11635	6.78	cps
Yttrium	89-1	13371324	13699826	13669732	13580294	1.34	cps
Yttrium	89-2	2513811	2489409	2547121	2516780	1.15	cps
Zinc	66-2	15435	15355	13840	14877	6.04	cps
Zirconium	90-1	32930	32805	32337	32691	0.96	cps
Zirconium	91-1	7194	7319	7511	7341	2.17	cps

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	CCV10	Instrumnet Name :	P7
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 18:09:49	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6766684	6628268	6633541	6676164	1.17	cps
Antimony	121-1	4111422	4036979	4056979	4068460	0.95	cps
Arsenic	75-2	199083	201163	197850	199366	0.84	cps
Barium	135-1	5098761	5034955	5017792	5050503	0.84	cps
Barium	137-1	9184096	9124045	9112628	9140256	0.42	cps
Beryllium	9-1	784434	778228	773898	778853	0.68	cps
Bismuth	209-1	6943727	5944571	5978685	6288994	9.02	cps
Bismuth	209-2	3787607	3819342	4297734	3968228	7.20	cps
Boron	10-1	94888	97370	96598	96285	1.32	cps
Boron	11-1	470862	483283	480783	478309	1.37	cps
Bromine	81-1	22610	22810	21917	22446	2.09	cps
Bromine	81-2	100	60	100	87	26.65	cps
Cadmium	111-1	1068340	1049783	1054794	1057639	0.91	cps
Cadmium	106-1	125334	125324	126611	125756	0.59	cps
Cadmium	108-1	82286	82739	82039	82355	0.43	cps
Calcium	43-1	6606751	6678313	6430167	6571744	1.94	cps
Calcium	44-1	106330471	106413059	103807479	105517003	1.40	cps
Chromium	52-2	1763925	1766091	1755472	1761829	0.32	cps
Cobalt	59-2	2680336	2671349	2656627	2669437	0.45	cps
Copper	63-2	18499200	18347750	18257598	18368183	0.66	cps
Dysprosium	156-1	467	375	425	422	10.87	cps
Dysprosium	156-2	250	237	243	243	2.74	cps
Erbium	164-1	150	108	150	136	17.67	cps
Erbium	164-2	73	50	67	63	18.98	cps
Gadolinium	160-1	408	458	425	431	5.91	cps
Gadolinium	160-2	323	423	313	353	17.22	cps
Holmium	165-1	11945466	11724393	11555971	11741944	1.66	cps
Holmium	165-2	6789821	6901733	7786754	7159436	7.63	cps
Indium	115-1	9203582	8898721	8998075	9033459	1.72	cps
Indium	115-2	2196970	2228503	2480015	2301829	6.74	cps
Iron	54-2	19200480	19331489	19159760	19230576	0.47	cps
Iron	56-2	354978975	354830986	351062330	353624097	0.63	cps
Iron	57-2	8785654	8850646	8702355	8779552	0.85	cps
Krypton	83-1	853	923	957	911	5.79	cps
Lead	206-1	16937604	16738715	16549194	16741838	1.16	cps
Lead	207-1	14942693	14541144	14458697	14647511	1.77	cps

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	CCV10	Instrumnet Name :	P7
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 18:09:49	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	67770955	66081820	66092740	66648505	1.46	cps
Lithium	6-1	2156972	2179854	2177409	2171411	0.58	cps
Magnesium	24-2	66300306	66127049	65817529	66081628	0.37	cps
Manganese	55-2	11341855	11324072	11137434	11267787	1.00	cps
Molybdenum	94-1	9271671	9006342	8988400	9088804	1.75	cps
Molybdenum	95-1	11137702	10980773	11063079	11060518	0.71	cps
Molybdenum	96-1	12277571	12103912	12265287	12215590	0.79	cps
Molybdenum	97-1	6982219	6919476	6876990	6926228	0.76	cps
Molybdenum	98-1	17926733	17581507	17377269	17628503	1.58	cps
Neodymium	150-1	447	433	347	409	13.28	cps
Neodymium	150-2	67	57	67	63	9.12	cps
Nickel	60-2	691731	693577	684273	689860	0.71	cps
Phosphorus	31-2	77383	79829	75725	77646	2.66	cps
Potassium	39-2	36487223	36768412	36284617	36513417	0.67	cps
Rhodium	103-1	8331298	8374468	8351946	8352571	0.26	cps
Rhodium	103-2	4466830	4536029	5034267	4679042	6.62	cps
Scandium	45-1	6530508	6505161	6548053	6527907	0.33	cps
Scandium	45-2	414082	415896	461333	430437	6.22	cps
Selenium	82-1	75462	75134	74883	75160	0.39	cps
Selenium	77-2	4731	5008	4684	4808	3.64	cps
Selenium	78-2	16239	16270	16387	16299	0.48	cps
Silicon	28-1	4814283	4814009	4910145	4846146	1.14	cps
Silver	109-1	4695953	4643807	4641015	4660258	0.66	cps
Silver	107-1	4991336	4950087	4958374	4966599	0.44	cps
Sodium	23-2	114447432	114806507	115317853	114857264	0.38	cps
Strontium	86-1	1479044	1452553	1464133	1465243	0.91	cps
Strontium	88-1	13049939	12824033	12862411	12912127	0.94	cps
Sulfur	34-1	1000577	999976	996973	999175	0.19	cps
Terbium	159-1	12201970	12020416	12009356	12077247	0.90	cps
Terbium	159-2	6824070	6885499	7586825	7098798	5.97	cps
Thallium	203-1	3472448	3413069	3380349	3421955	1.36	cps
Thallium	205-1	9346699	9300781	9097930	9248470	1.43	cps
Thorium	232-1	13310107	13195872	13182089	13229356	0.53	cps
Tin	118-1	3331095	3264528	3277043	3290889	1.08	cps
Titanium	47-1	3189238	3210141	3151470	3183616	0.93	cps
Uranium	238-1	11992797	11991015	11815065	11932959	0.86	cps

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	CCV10	Instrumnet Name :	P7
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 18:09:49	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1508117	1520703	1503896	1510905	0.58	cps
Yttrium	89-1	13308138	12963628	12953863	13075209	1.54	cps
Yttrium	89-2	2411570	2444651	2710221	2522147	6.49	cps
Zinc	66-2	2836823	2864215	2827388	2842809	0.67	cps
Zirconium	90-1	7809084	7659988	7772476	7747183	1.00	cps
Zirconium	91-1	1725225	1693172	1706774	1708390	0.94	cps

LB Number : LB111783 Operator : JASWAL
 Lab Sample ID : CCB10 Instrumnet Name : P7
 Client Sample ID : CCB10 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-30 18:13:09 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	425	350	542	439	22.01	cps
Antimony	121-1	1233	1250	1017	1167	11.16	cps
Arsenic	75-2	20	24	24	23	9.35	cps
Barium	135-1	183	217	192	197	8.80	cps
Barium	137-1	408	275	400	361	20.68	cps
Beryllium	9-1	139	144	144	143	2.25	cps
Bismuth	209-1	7558069	7477685	7423654	7486469	0.90	cps
Bismuth	209-2	4080052	4112453	4130677	4107727	0.62	cps
Boron	10-1	5134	5001	4784	4973	3.55	cps
Boron	11-1	25030	24470	23769	24423	2.59	cps
Bromine	81-1	21633	22126	22451	22070	1.87	cps
Bromine	81-2	100	50	130	93	43.30	cps
Cadmium	111-1	3464	3473	3208	3382	4.45	cps
Cadmium	106-1	4893	4893	4543	4776	4.23	cps
Cadmium	108-1	33	8	25	22	57.29	cps
Calcium	43-1	475	517	625	539	14.37	cps
Calcium	44-1	22751	22701	23820	23091	2.74	cps
Chromium	52-2	1380	1240	1410	1343	6.75	cps
Cobalt	59-2	150	143	110	134	15.94	cps
Copper	63-2	3047	2684	2884	2871	6.34	cps
Dysprosium	156-1	8	0	33	14	124.91	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	67	33	58	53	32.88	cps
Erbium	164-2	47	33	30	37	24.06	cps
Gadolinium	160-1	133	108	108	117	12.37	cps
Gadolinium	160-2	167	140	100	136	24.75	cps
Holmium	165-1	11867671	11893996	11688269	11816645	0.95	cps
Holmium	165-2	6836104	6843032	6844702	6841280	0.07	cps
Indium	115-1	9430047	9413393	9393544	9412328	0.19	cps
Indium	115-2	2305571	2304791	2334663	2315008	0.74	cps
Iron	54-2	2633	2863	2723	2740	4.24	cps
Iron	56-2	25817	26307	26129	26084	0.95	cps
Iron	57-2	906	833	1033	924	10.96	cps
Krypton	83-1	883	893	977	918	5.58	cps
Lead	206-1	3945	3773	3795	3838	2.44	cps
Lead	207-1	3628	3234	3150	3338	7.65	cps

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	CCB10	Instrumnet Name :	P7
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 18:13:09	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	15821	14753	14848	15141	3.90	cps
Lithium	6-1	2273256	2277442	2272597	2274432	0.12	cps
Magnesium	24-2	3417	3217	2934	3189	7.62	cps
Manganese	55-2	533	640	560	578	9.61	cps
Molybdenum	94-1	1050	958	1050	1020	5.19	cps
Molybdenum	95-1	1192	1150	1108	1150	3.62	cps
Molybdenum	96-1	1217	1050	1075	1114	8.07	cps
Molybdenum	97-1	717	617	575	636	11.45	cps
Molybdenum	98-1	1667	1508	1475	1550	6.61	cps
Neodymium	150-1	20	7	7	11	69.25	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	123	130	127	127	2.63	cps
Phosphorus	31-2	158	142	192	164	15.53	cps
Potassium	39-2	87976	88244	92067	89429	2.56	cps
Rhodium	103-1	8875805	9113838	9009270	8999637	1.33	cps
Rhodium	103-2	4857797	4835205	4885813	4859605	0.52	cps
Scandium	45-1	6584402	6527875	6620310	6577529	0.71	cps
Scandium	45-2	410719	411327	413344	411797	0.33	cps
Selenium	82-1	87	13	-48	17	394.06	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	196	185	161	181	9.95	cps
Silicon	28-1	903179	894409	893399	896996	0.60	cps
Silver	109-1	725	708	817	750	7.78	cps
Silver	107-1	758	883	792	811	7.98	cps
Sodium	23-2	60581	60087	60481	60383	0.43	cps
Strontium	86-1	1550	1717	1608	1625	5.20	cps
Strontium	88-1	800	808	758	789	3.40	cps
Sulfur	34-1	585618	583868	590367	586618	0.57	cps
Terbium	159-1	12164735	11992945	12194197	12117292	0.90	cps
Terbium	159-2	6822170	6852278	6864476	6846308	0.32	cps
Thallium	203-1	517	492	425	478	9.92	cps
Thallium	205-1	1292	1225	1092	1203	8.47	cps
Thorium	232-1	2245	2184	1984	2137	6.39	cps
Tin	118-1	1708	1558	1508	1592	6.54	cps
Titanium	47-1	375	292	292	319	15.06	cps
Uranium	238-1	525	458	483	489	6.89	cps

LB Number :	LB111783	Operator :	JASWAL
Lab Sample ID :	CCB10	Instrumnet Name :	P7
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2020-10-30 18:13:09	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	53	70	63	62	13.48	cps
Yttrium	89-1	13219911	13214173	13242750	13225611	0.11	cps
Yttrium	89-2	2454910	2425378	2474434	2451574	1.01	cps
Zinc	66-2	610	627	647	628	2.92	cps
Zirconium	90-1	1042	1383	1283	1236	14.21	cps
Zirconium	91-1	233	275	217	242	12.43	cps