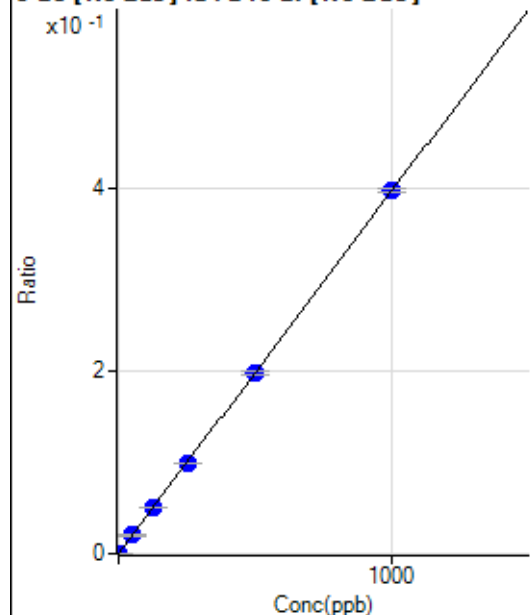


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8101220-MS.b\
Analysis File: P8101220-MS.batch.bin
DA Date-Time: 2020-10-12 19:26:34
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2020-10-12 16:46:10
2	005CALS.d	S02	2020-10-12 16:49:18
3	006CALS.d	S03	2020-10-12 16:52:28
4	007CALS.d	S04	2020-10-12 16:55:35
5	008CALS.d	S05	2020-10-12 16:58:39
6	009CALS.d	S06	2020-10-12 17:01:38
7	010CALS.d	S07	2020-10-12 17:04:38
8	011CALS.d	S08	2020-10-12 17:07:37

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	283.95	0.0001	P	10.2
2	☐	1.000	0.978	1016.50	0.0005	P	2.6
3	☐	50.000	50.212	39286.89	0.0200	P	1.2
4	☐	125.000	126.206	99534.72	0.0501	P	2.0
5	☐	250.000	248.373	194606.72	0.0985	P	0.4
6	☐	500.000	498.000	381622.50	0.1974	P	1.4
7	☐	1000.000	1001.245	759269.25	0.3968	P	1.1
8	☐			361.93	0.0002	P	1.7

$$y = 3.9619\text{E-}004 * x + 1.4698\text{E-}004$$

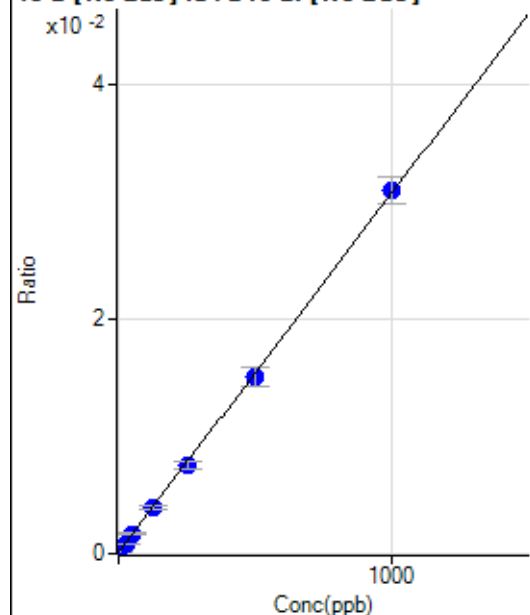
$$R = 1.0000$$

$$DL = 0.1136$$

$$BEC = 0.371$$

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	239.96	0.0001	P	17.5
2	☐	25.000	23.296	1591.78	0.0008	P	13.6
3	☐	50.000	49.919	3231.06	0.0016	P	9.7
4	☐	125.000	124.178	7772.54	0.0039	P	9.0
5	☐	250.000	244.250	14979.36	0.0076	P	9.2
6	☐	500.000	489.146	29099.63	0.0151	P	10.1
7	☐	1000.000	1007.014	59080.25	0.0309	P	7.5
8	☐			8716.22	0.0046	P	8.4

$$y = 3.0539\text{E-}005 * x + 1.2441\text{E-}004$$

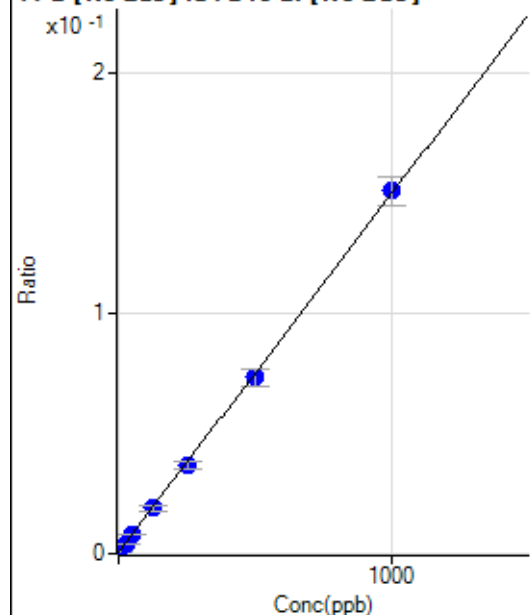
$$R = 0.9999$$

$$DL = 2.142$$

$$BEC = 4.074$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1157.82	0.0006	P	5.1
2	☐	25.000	22.044	7393.75	0.0039	P	9.6
3	☐	50.000	49.374	15585.20	0.0080	P	8.7
4	☐	125.000	122.705	37449.52	0.0189	P	9.7
5	☐	250.000	242.808	72612.89	0.0368	P	9.1
6	☐	500.000	487.715	141489.86	0.0732	P	10.1
7	☐	1000.000	1008.332	288491.94	0.1508	P	7.9
8	☐			42537.73	0.0225	P	9.6

$$y = 1.4893\text{E-}004 * x + 5.9926\text{E-}004$$

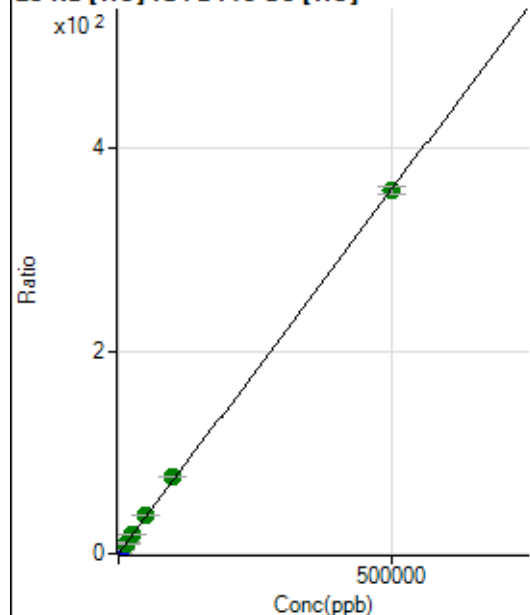
$$R = 0.9999$$

$$DL = 0.6132$$

$$BEC = 4.024$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	10045.36	0.0712	P	3.7
2	☐	500.000	529.143	63360.20	0.4517	P	2.7
3	☐	5000.000	5583.398	577327.31	4.0855	P	1.6
4	☐	12500.000	14171.204	1401796.12	10.2599	A	5.3
5	☐	25000.000	27381.090	2771016.04	19.7574	A	1.8
6	☐	50000.000	53664.113	5457708.24	38.6540	A	1.3
7	☐	100000.00	105885.95	10953109.79	76.1998	A	1.4
8	☐	500000.00	498289.70	52201375.82	358.3254	A	2.1

$$y = 7.1897\text{E-}004 * x + 0.0712$$

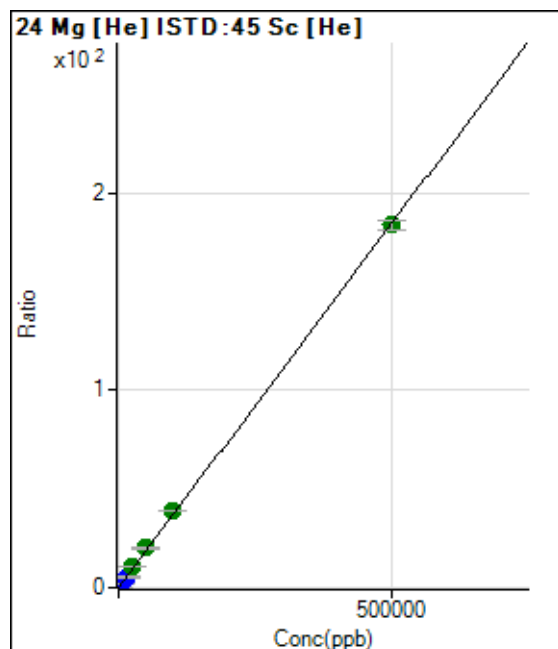
$$R = 0.9999$$

$$DL = 11.05$$

$$BEC = 99.08$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	355.57	0.0025	P	17.3
2	☐	500.000	530.004	27799.29	0.1981	P	2.1
3	☐	5000.000	5645.946	294775.70	2.0860	P	1.8
4	☐	12500.000	14476.927	730490.06	5.3449	P	4.3
5	☐	25000.000	28050.160	1452319.99	10.3538	A	0.6
6	☐	50000.000	54416.845	2835751.17	20.0839	A	1.6
7	☐	100000.00	105072.62	5573577.64	38.7773	A	1.0
8	☐	500000.00	498335.37	26790181.50	183.9025	A	2.4

$$y = 3.6903\text{E-}004 * x + 0.0025$$

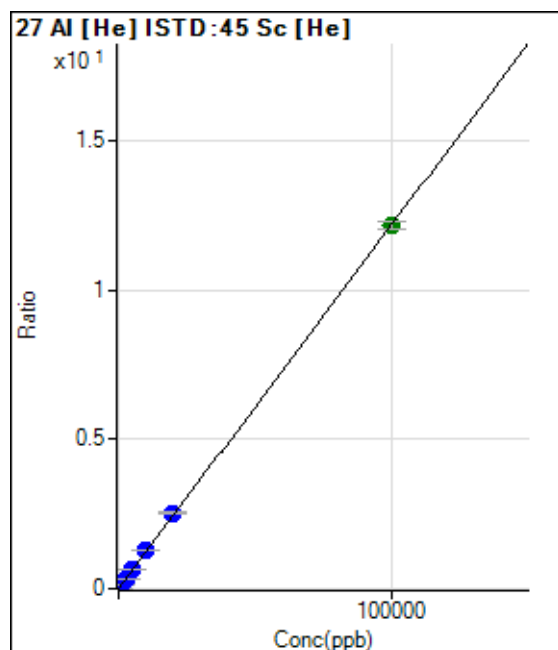
R = 0.9999

DL = 3.537

BEC = 6.832

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	299.97	0.0021	P	3.2
2	☐	20.000	21.416	663.68	0.0047	P	6.4
3	☐	1000.000	1078.146	18837.70	0.1333	P	1.8
4	☐	2500.000	2788.826	46661.26	0.3415	P	4.7
5	☐	5000.000	5350.760	91614.04	0.6532	P	1.6
6	☐	10000.000	10570.580	181903.61	1.2883	P	0.5
7	☐	20000.000	20823.657	364478.52	2.5358	P	1.1
8	☐	100000.00	99752.670	1768600.44	12.1394	A	2.2

$$y = 1.2167\text{E-}004 * x + 0.0021$$

R = 1.0000

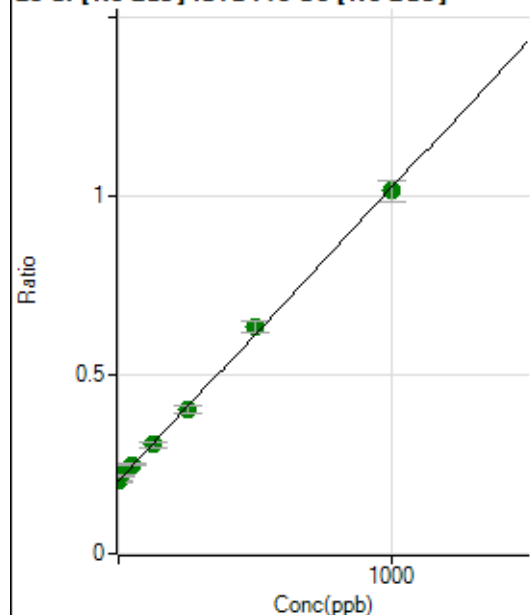
DL = 1.693

BEC = 17.48

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	857719.36	0.2038	A	2.8
2	☐	10.000	19.482	894138.93	0.2198	A	2.9
3	☐	50.000	55.642	1023466.88	0.2495	A	3.2
4	☐	125.000	122.743	1280041.00	0.3046	A	3.9
5	☐	250.000	243.780	1713336.10	0.4040	A	4.8
6	☐	500.000	525.778	2625586.50	0.6356	A	4.6
7	☐	1000.000	988.571	4215785.29	1.0156	A	6.2
8	☐			1395844.78	0.3333	A	4.4

$$y = 8.2120\text{E-}004 * x + 0.2038$$

R = 0.9995

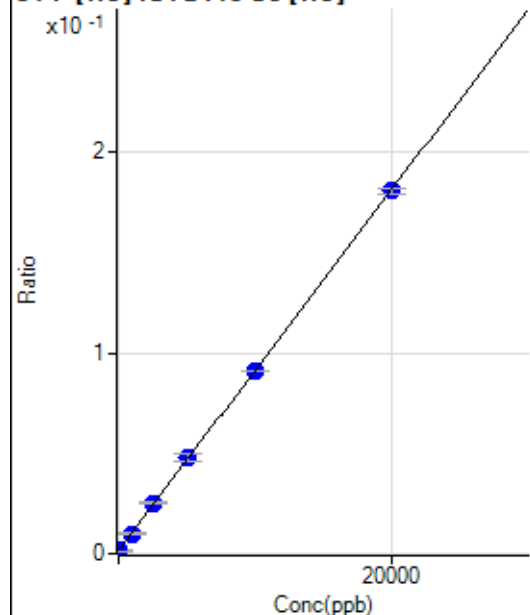
DL = 20.92

BEC = 248.2

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	32.567	258.34	0.0018	P	18.9
2	☐	0.000	-32.567	175.00	0.0012	P	20.0
3	☐	1000.000	946.521	1419.56	0.0101	P	15.0
4	☐	2500.000	2641.089	3458.85	0.0253	P	4.0
5	☐	5000.000	5195.568	6771.18	0.0483	P	7.6
6	☐	10000.000	9989.401	12903.29	0.0914	P	0.1
7	☐	20000.000	19941.445	26001.69	0.1809	P	1.5
8	☐			222.23	0.0015	P	27.7

$$y = 8.9943\text{E-}006 * x + 0.0015$$

R = 0.9999

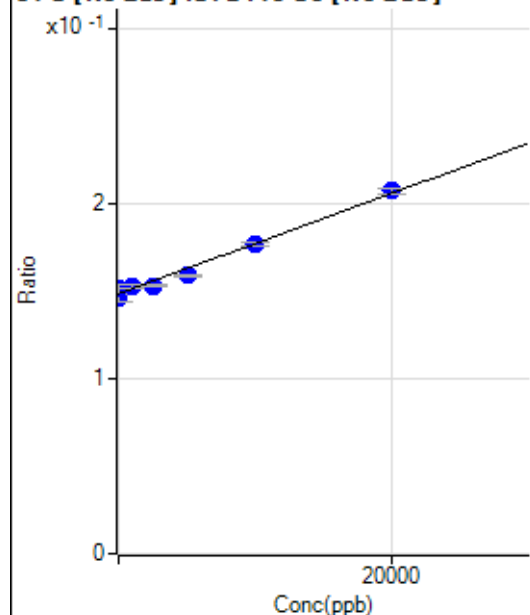
DL = 99.07

BEC = 170.9

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-991.792	612870.24	0.1456	P	3.1
2	☐	0.000	991.792	615546.37	0.1513	P	2.8
3	☐	1000.000	1492.971	626690.13	0.1527	P	1.1
4	☐	2500.000	1617.556	643389.44	0.1531	P	0.1
5	☐	5000.000	3664.593	674015.69	0.1590	P	0.7
6	☐	10000.000	9903.060	729983.10	0.1768	P	1.6
7	☐	20000.000	20467.979	859791.40	0.2071	P	1.4
8	☐			559379.43	0.1336	P	1.2

$$y = 2.8641\text{E-}006 * x + 0.1485$$

$$R = 0.9933$$

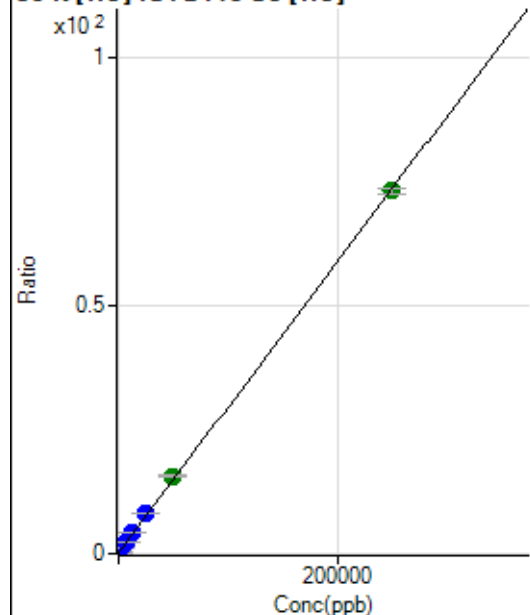
$$DL = 4520$$

$$BEC = 5.184\text{E}+04$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	24218.03	0.1717	P	2.5
2	☐	500.000	527.307	45767.75	0.3262	P	2.2
3	☐	2500.000	2771.158	139023.31	0.9837	P	1.0
4	☐	6250.000	7165.966	310445.87	2.2715	P	4.3
5	☐	12500.000	13870.548	594151.35	4.2361	P	1.4
6	☐	25000.000	27392.683	1157593.96	8.1984	P	2.0
7	☐	50000.000	52856.386	2250844.28	15.6597	A	1.5
8	☐	250000.00	249095.26	10659565.43	73.1618	A	1.3

$$y = 2.9302\text{E-}004 * x + 0.1717$$

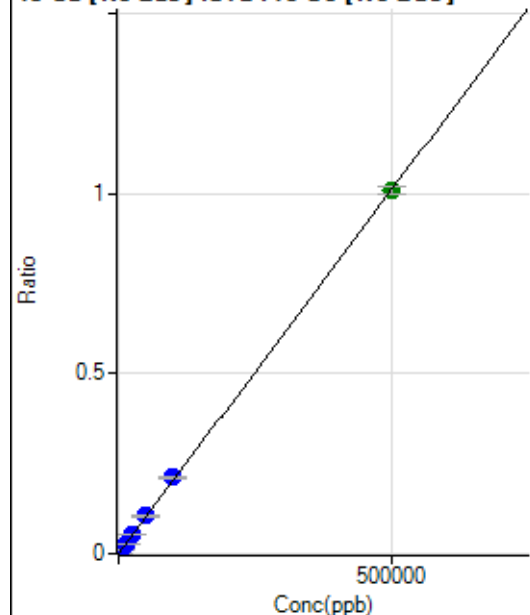
$$R = 0.9999$$

$$DL = 43.33$$

$$BEC = 586.1$$

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	390.38	0.0001	P	6.3
2	☐	500.000	482.456	4343.87	0.0011	P	0.7
3	☐	5000.000	5286.396	44195.12	0.0108	P	2.0
4	☐	12500.000	12909.261	109986.61	0.0262	P	0.2
5	☐	25000.000	25508.947	218894.44	0.0516	P	1.2
6	☐	50000.000	51988.311	433940.51	0.1051	P	2.1
7	☐	100000.00	104911.92	880323.12	0.2120	P	1.6
8	☐	500000.00	498780.25	4220158.37	1.0077	A	2.0

$$y = 2.0201\text{E-}006 * x + 9.2675\text{E-}005$$

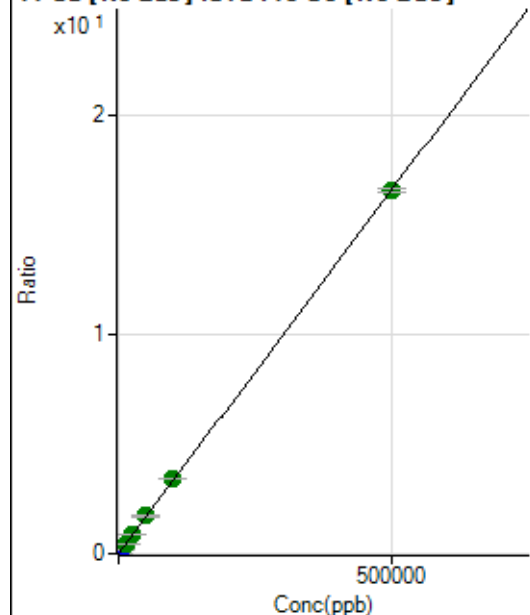
$$R = 0.9999$$

$$DL = 8.632$$

$$BEC = 45.88$$

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	19955.89	0.0047	P	2.4
2	☐	500.000	498.062	86602.47	0.0213	P	3.2
3	☐	5000.000	5292.939	740964.50	0.1806	P	1.3
4	☐	12500.000	13009.246	1836241.10	0.4369	A	1.3
5	☐	25000.000	25586.224	3624608.36	0.8548	A	0.6
6	☐	50000.000	51790.447	7122740.50	1.7254	A	2.1
7	☐	100000.00	103644.96	14316816.67	3.4482	A	1.1
8	☐	500000.00	499046.99	69457862.05	16.5847	A	1.1

$$y = 3.3223\text{E-}005 * x + 0.0047$$

$$R = 1.0000$$

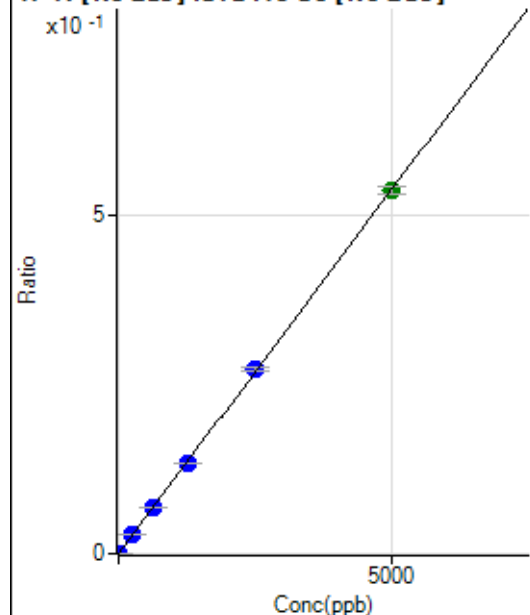
$$DL = 10.06$$

$$BEC = 142.7$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	397.24	0.0001	P	7.2
2	☐	5.000	4.810	2491.96	0.0006	P	5.0
3	☐	250.000	256.079	113585.14	0.0277	P	0.9
4	☐	625.000	627.528	284513.71	0.0677	P	0.3
5	☐	1250.000	1241.357	567473.13	0.1338	P	0.8
6	☐	2500.000	2530.801	1125942.28	0.2727	P	1.9
7	☐	5000.000	4986.141	2230731.56	0.5373	A	2.1
8	☐			575.03	0.0001	P	0.7

$$y = 1.0773\text{E-}004 * x + 9.4216\text{E-}005$$

$$R = 1.0000$$

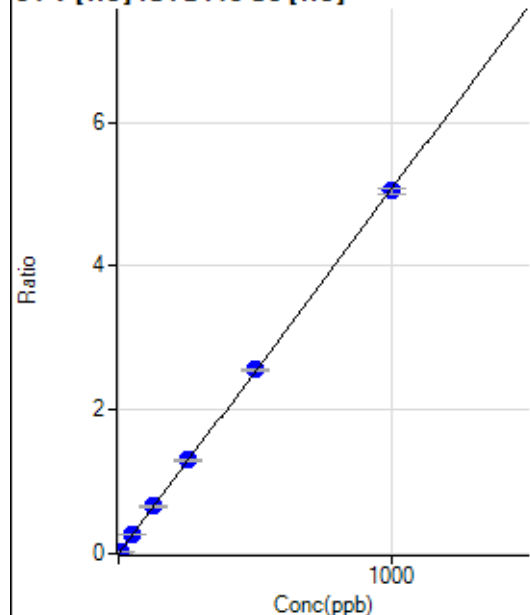
$$DL = 0.1896$$

$$BEC = 0.8745$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	73.33	0.0005	P	17.7
2	☐	5.000	4.904	3561.59	0.0254	P	0.9
3	☐	50.000	50.421	36191.31	0.2561	P	1.1
4	☐	125.000	130.247	90315.75	0.6607	P	3.7
5	☐	250.000	256.129	182170.97	1.2988	P	1.5
6	☐	500.000	504.262	360980.14	2.5566	P	0.9
7	☐	1000.000	995.660	725475.88	5.0475	P	1.4
8	☐			164.45	0.0011	P	13.3

$$y = 0.0051 * x + 5.1970\text{E-}004$$

$$R = 1.0000$$

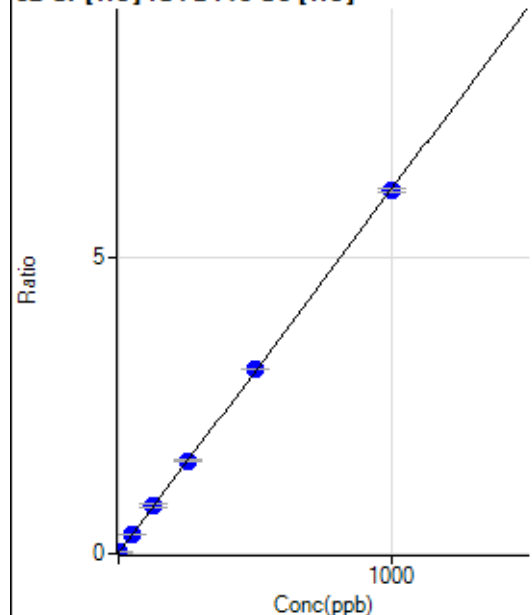
$$DL = 0.05447$$

$$BEC = 0.1025$$

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	911.15	0.0065	P	3.2
2	☐	2.000	1.945	2585.81	0.0184	P	3.7
3	☐	50.000	51.017	45279.21	0.3204	P	0.4
4	☐	125.000	130.958	111015.41	0.8123	P	4.4
5	☐	250.000	255.046	221038.89	1.5759	P	1.1
6	☐	500.000	505.013	439702.23	3.1141	P	0.2
7	☐	1000.000	995.436	881356.68	6.1319	P	1.1
8	☐			2881.43	0.0198	P	3.9

$$y = 0.0062 * x + 0.0065$$

$$R = 1.0000$$

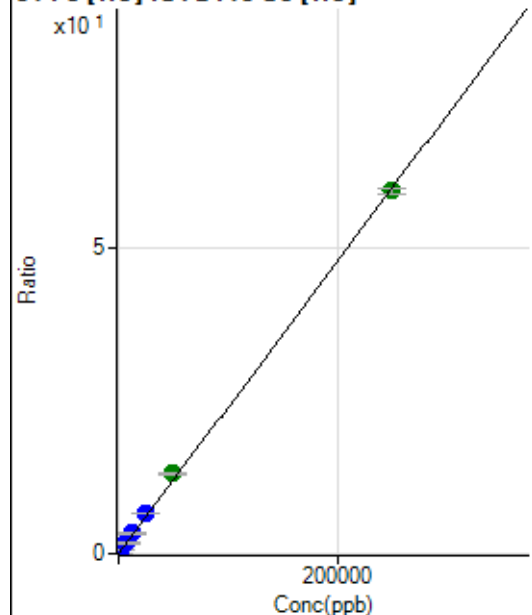
$$DL = 0.1009$$

$$BEC = 1.05$$

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	351.86	0.0025	P	17.3
2	☐	50.000	56.135	2226.14	0.0159	P	14.7
3	☐	2500.000	2827.642	95688.72	0.6772	P	2.0
4	☐	6250.000	7283.022	237841.86	1.7402	P	4.1
5	☐	12500.000	13941.857	466903.87	3.3290	P	1.8
6	☐	25000.000	27583.398	929615.78	6.5838	P	0.4
7	☐	50000.000	54904.150	1883197.47	13.1025	A	2.0
8	☐	250000.00	248659.63	8643953.90	59.3323	A	1.8

$$y = 2.3860E-004 * x + 0.0025$$

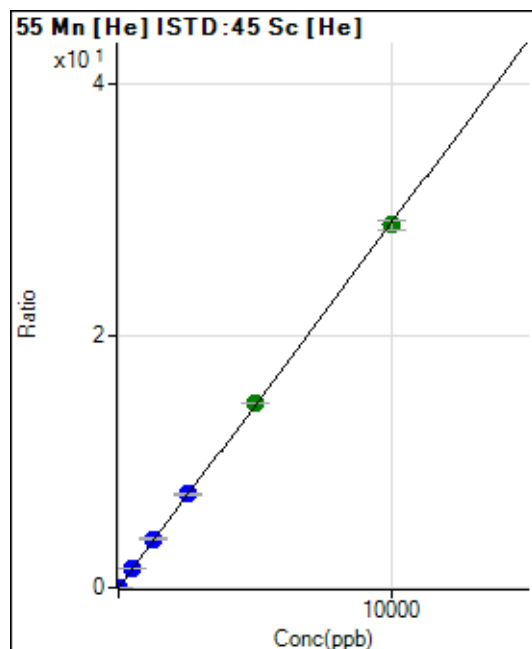
$$R = 0.9998$$

$$DL = 5.433$$

$$BEC = 10.45$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	85.56	0.0006	P	35.6
2	☐	1.000	0.974	481.12	0.0034	P	4.5
3	☐	500.000	513.958	210341.58	1.4884	P	1.0
4	☐	1250.000	1321.195	522860.57	3.8252	P	3.8
5	☐	2500.000	2571.484	1044179.28	7.4446	P	1.3
6	☐	5000.000	5058.817	2067826.18	14.6450	A	0.5
7	☐	10000.000	9943.123	4136922.37	28.7843	A	2.4
8	☐			2870.32	0.0197	P	4.0

$$y = 0.0029 * x + 6.0712E-004$$

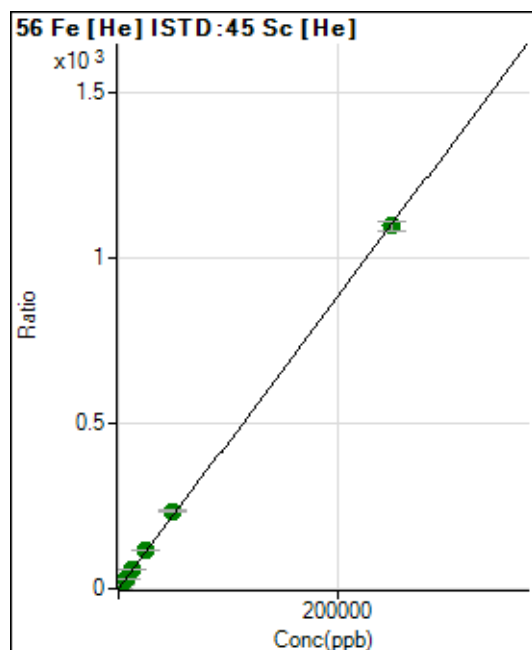
$$R = 0.9999$$

$$DL = 0.2239$$

$$BEC = 0.2097$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2009.44	0.0142	P	2.7
2	☐	50.000	57.412	37440.01	0.2668	P	1.1
3	☐	2500.000	2752.300	1713435.16	12.1235	A	0.4
4	☐	6250.000	6981.030	4198736.87	30.7285	A	5.0
5	☐	12500.000	13477.577	8318795.44	59.3112	A	1.6
6	☐	25000.000	26892.180	16707859.98	118.3311	A	0.7
7	☐	50000.000	53165.031	33621226.22	233.9230	A	1.6
8	☐	250000.00	249108.09	159656018.3	1,096.008	A	2.7

$$y = 0.0044 * x + 0.0142$$

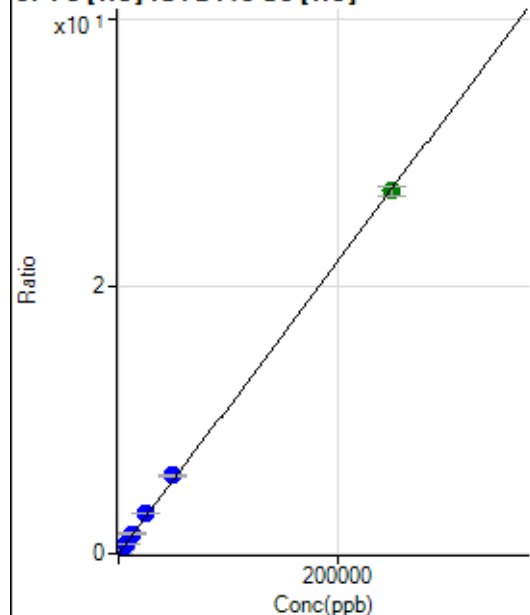
$$R = 0.9999$$

$$DL = 0.2575$$

$$BEC = 3.238$$

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	107.41	0.0008	P	19.6
2	☐	50.000	57.350	983.39	0.0070	P	1.9
3	☐	2500.000	2761.693	42604.50	0.3015	P	1.2
4	☐	6250.000	7069.066	105302.84	0.7705	P	4.4
5	☐	12500.000	13808.517	211008.76	1.5044	P	1.2
6	☐	25000.000	27242.966	418962.08	2.9672	P	0.7
7	☐	50000.000	53494.210	837332.51	5.8257	P	1.3
8	☐	250000.00	248988.34	3949703.21	27.1131	A	2.4

$$y = 1.0889\text{E-}004 * x + 7.6161\text{E-}004$$

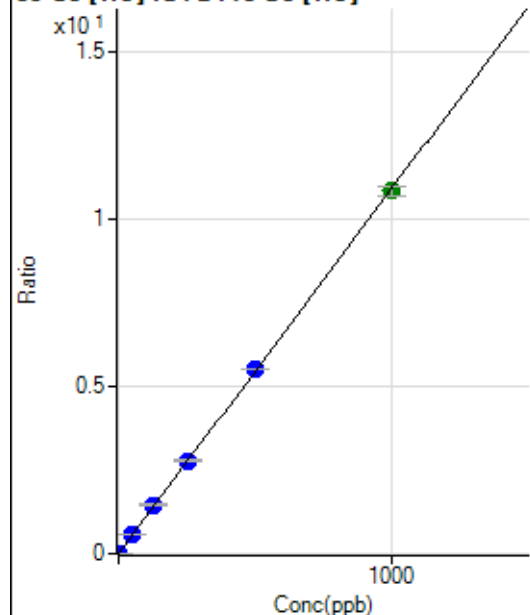
$$R = 0.9999$$

$$DL = 4.123$$

$$BEC = 6.994$$

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	381.12	0.0027	P	3.6
2	☐	1.000	0.980	1876.81	0.0134	P	4.2
3	☐	50.000	51.329	79406.58	0.5619	P	1.0
4	☐	125.000	132.438	197576.26	1.4455	P	3.9
5	☐	250.000	255.246	390396.31	2.7834	P	1.2
6	☐	500.000	506.359	779263.02	5.5190	P	0.4
7	☐	1000.000	994.513	1557498.28	10.8370	A	2.4
8	☐			2681.39	0.0184	P	5.1

$$y = 0.0109 * x + 0.0027$$

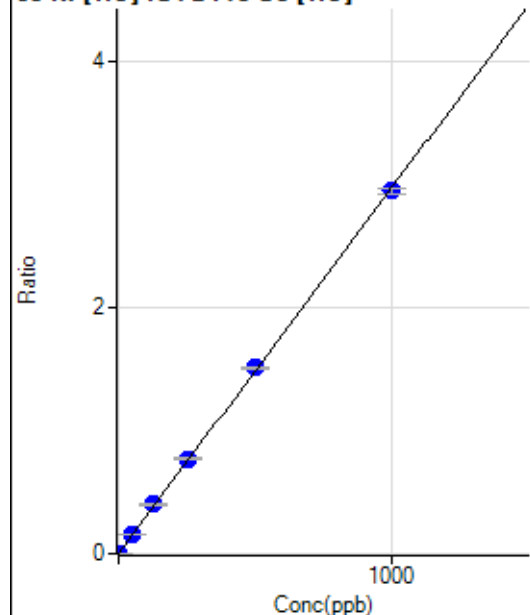
$$R = 0.9999$$

$$DL = 0.02686$$

$$BEC = 0.248$$

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	182.23	0.0013	P	13.9
2	☐	1.000	0.881	548.91	0.0039	P	6.7
3	☐	50.000	51.818	21932.51	0.1552	P	1.2
4	☐	125.000	134.404	54733.74	0.4005	P	4.3
5	☐	250.000	257.544	107461.04	0.7662	P	2.1
6	☐	500.000	508.802	213555.18	1.5125	P	0.9
7	☐	1000.000	992.447	423847.17	2.9489	P	1.7
8	☐			870.03	0.0060	P	7.4

$$y = 0.0030 * x + 0.0013$$

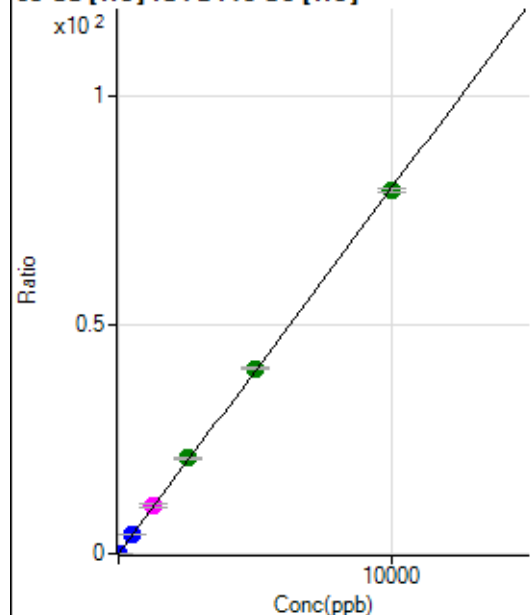
$$R = 0.9999$$

$$DL = 0.1819$$

$$BEC = 0.4349$$

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	844.48	0.0060	P	10.9
2	☐	2.000	2.161	3261.52	0.0232	P	3.8
3	☐	500.000	520.383	587733.83	4.1590	P	1.5
4	☐	1250.000	1317.150	1437345.64	10.5178	M	4.6
5	☐	2500.000	2608.044	2920186.17	20.8201	A	1.4
6	☐	5000.000	5075.400	5720027.90	40.5114	A	0.8
7	☐	10000.000	9925.876	11386791.64	79.2218	A	1.0
8	☐			4315.14	0.0296	P	3.2

$$y = 0.0080 * x + 0.0060$$

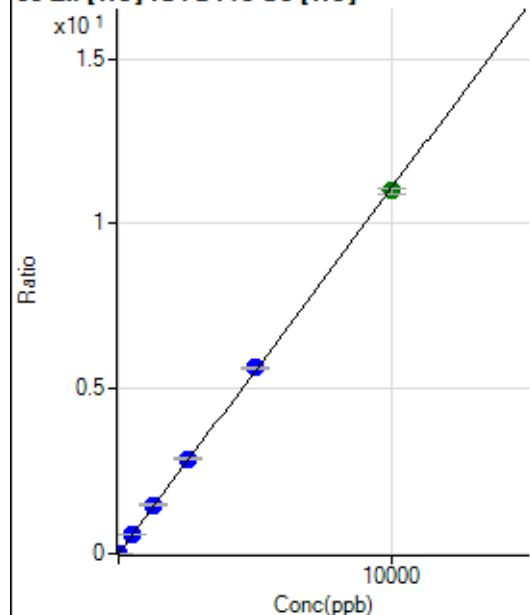
$$R = 0.9999$$

$$DL = 0.2457$$

$$BEC = 0.7503$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	202.23	0.0014	P	7.9
2	☐	2.000	2.229	547.80	0.0039	P	4.4
3	☐	500.000	523.605	82176.26	0.5815	P	2.1
4	☐	1250.000	1327.775	201267.14	1.4725	P	3.9
5	☐	2500.000	2588.462	402420.09	2.8692	P	1.6
6	☐	5000.000	5084.377	795564.99	5.6345	P	0.5
7	☐	10000.000	9924.794	1580686.33	10.9972	A	1.3
8	☐			3688.29	0.0253	P	2.0

$$y = 0.0011 * x + 0.0014$$

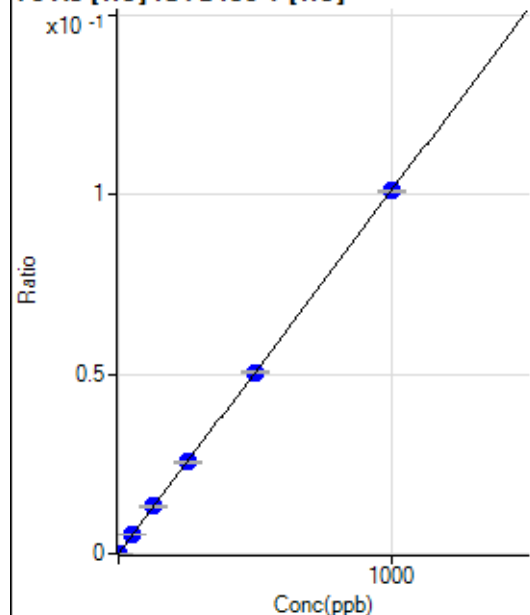
$$R = 0.9999$$

$$DL = 0.3066$$

$$BEC = 1.295$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	40.00	0.0000	P	12.8
2	☐	1.000	1.017	158.35	0.0001	P	3.7
3	☐	50.000	50.639	5999.55	0.0051	P	1.3
4	☐	125.000	129.740	14955.40	0.0131	P	4.4
5	☐	250.000	251.310	29607.81	0.0254	P	1.6
6	☐	500.000	499.895	59275.36	0.0505	P	1.2
7	☐	1000.000	999.101	119000.45	0.1009	P	0.5
8	☐			62.01	0.0001	P	10.1

$$y = 1.0097E-004 * x + 3.4134E-005$$

$$R = 1.0000$$

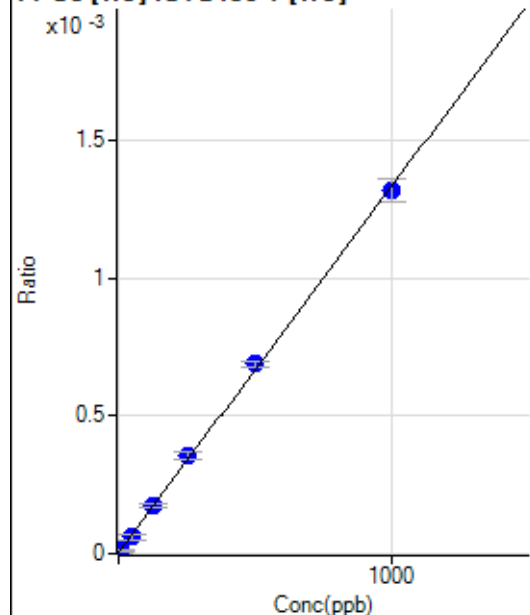
$$DL = 0.1294$$

$$BEC = 0.3381$$

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	4.44	0.0000	P	114.
2	☐	5.000	5.077	12.22	0.0000	P	41.8
3	☐	50.000	42.340	70.00	0.0001	P	29.5
4	☐	125.000	129.332	200.00	0.0002	P	10.5
5	☐	250.000	265.026	415.57	0.0004	P	9.6
6	☐	500.000	515.860	810.03	0.0007	P	2.6
7	☐	1000.000	988.155	1554.55	0.0013	P	6.5
8	☐			2.22	0.0000	P	86.6

$$y = 1.3302\text{E-}006 * x + 3.8066\text{E-}006$$

$$R = 0.9996$$

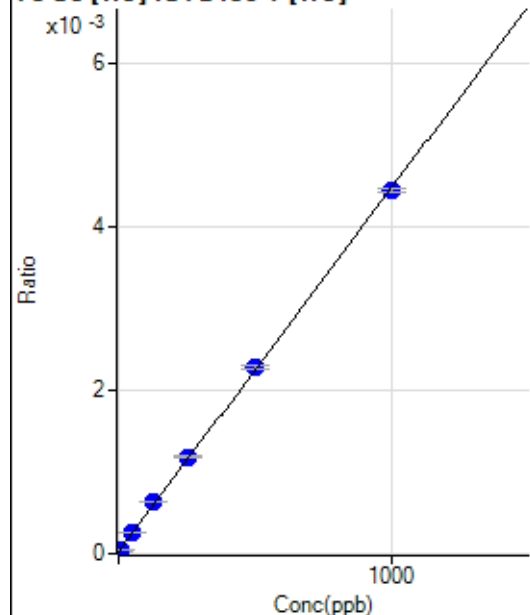
$$DL = 9.833$$

$$BEC = 2.862$$

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	31.67	0.0000	P	13.7
2	☐	5.000	6.224	63.34	0.0001	P	13.7
3	☐	50.000	52.786	305.03	0.0003	P	4.4
4	☐	125.000	136.347	721.76	0.0006	P	1.7
5	☐	250.000	259.257	1374.88	0.0012	P	1.9
6	☐	500.000	508.787	2686.86	0.0023	P	1.9
7	☐	1000.000	991.728	5232.50	0.0044	P	0.9
8	☐			40.34	0.0000	P	19.9

$$y = 4.4467\text{E-}006 * x + 2.7021\text{E-}005$$

$$R = 0.9999$$

$$DL = 2.499$$

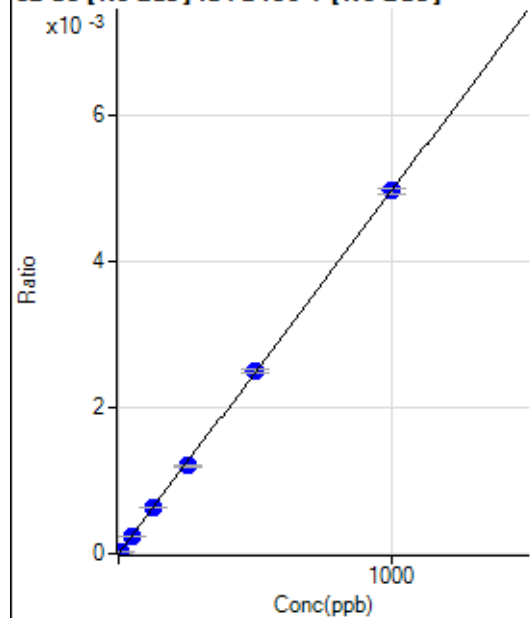
$$BEC = 6.077$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2492.79		P	5.6
2	☐			2532.84		P	5.5
3	☐			2599.60		P	5.5
4	☐			2469.43		P	5.8
5	☐			2499.48		P	7.2
6	☐			2406.03		P	2.1
7	☐			2599.60		P	8.3
8	☐			3086.87		P	9.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-27.45	0.0000	P	-97.
2	☐	5.000	4.921	220.46	0.0000	P	21.3
3	☐	50.000	49.688	2495.25	0.0002	P	2.5
4	☐	125.000	127.616	6478.92	0.0006	P	1.2
5	☐	250.000	242.432	12545.23	0.0012	P	1.4
6	☐	500.000	502.545	25500.67	0.0025	P	2.2
7	☐	1000.000	1000.308	51542.97	0.0050	P	1.6
8	☐			40.12	0.0000	P	4.1

$$y = 4.9693E-006 * x - 2.6479E-006$$

$$R = 1.0000$$

$$DL = 1.552$$

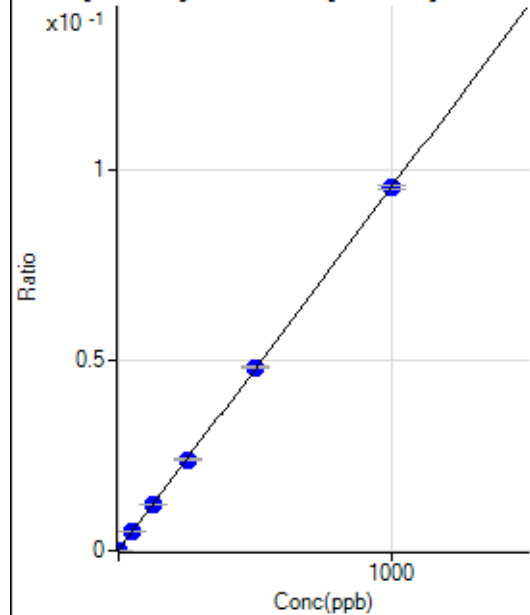
$$BEC = -0.5329$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			456.68		P	12.3
2	☐			432.24		P	6.3
3	☐			465.57		P	12.8
4	☐			480.02		P	7.9
5	☐			420.01		P	7.3
6	☐			428.90		P	7.0
7	☐			440.01		P	14.6
8	☐			427.79		P	7.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	794.49	0.0001	P	2.5
2	☐	1.000	0.900	1641.81	0.0002	P	10.9
3	☐	50.000	51.339	50896.00	0.0050	P	1.2
4	☐	125.000	124.524	122873.63	0.0120	P	0.2
5	☐	250.000	249.073	249196.39	0.0239	P	1.8
6	☐	500.000	504.428	493585.55	0.0483	P	1.1
7	☐	1000.000	998.010	990265.24	0.0954	P	0.9
8	☐			5987.59	0.0006	P	3.1

$$y = 9.5558\text{E-}005 * x + 7.6371\text{E-}005$$

$$R = 1.0000$$

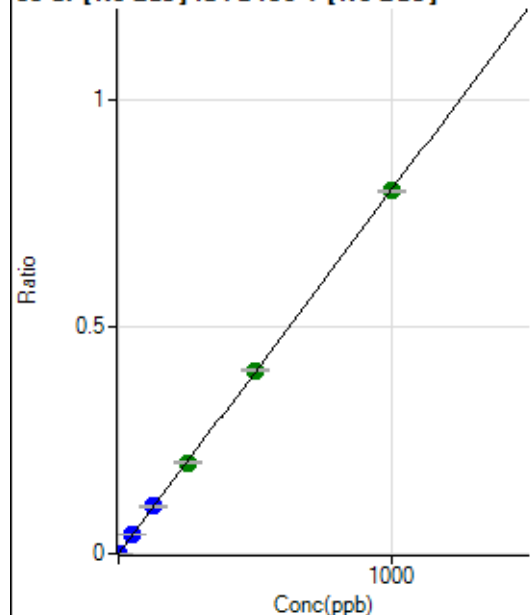
$$DL = 0.06066$$

$$BEC = 0.7992$$

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	797.27	0.0001	P	9.4
2	☐	1.000	0.957	8530.65	0.0008	P	2.7
3	☐	50.000	51.478	421868.58	0.0413	P	1.0
4	☐	125.000	129.783	1066946.22	0.1040	P	1.0
5	☐	250.000	249.731	2087810.70	0.2000	A	1.5
6	☐	500.000	503.282	4120895.53	0.4031	A	1.1
7	☐	1000.000	997.755	8290254.35	0.7990	A	0.6
8	☐			44755.64	0.0043	P	1.5

$$y = 8.0073\text{E-}004 * x + 7.6703\text{E-}005$$

$$R = 1.0000$$

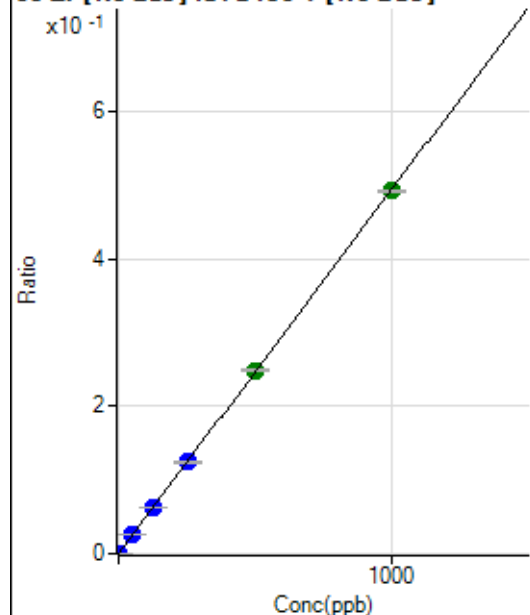
$$DL = 0.02691$$

$$BEC = 0.09579$$

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	388.91	0.0000	P	11.8
2	☐	1.000	0.976	5253.90	0.0005	P	3.2
3	☐	50.000	50.837	256723.37	0.0251	P	0.4
4	☐	125.000	128.183	649427.96	0.0633	P	1.7
5	☐	250.000	252.453	1300801.46	0.1246	P	1.8
6	☐	500.000	503.911	2543111.34	0.2488	A	1.3
7	☐	1000.000	996.992	5106233.01	0.4921	A	0.6
8	☐			1769.61	0.0002	P	4.7

$$y = 4.9358\text{E-}004 * x + 3.7422\text{E-}005$$

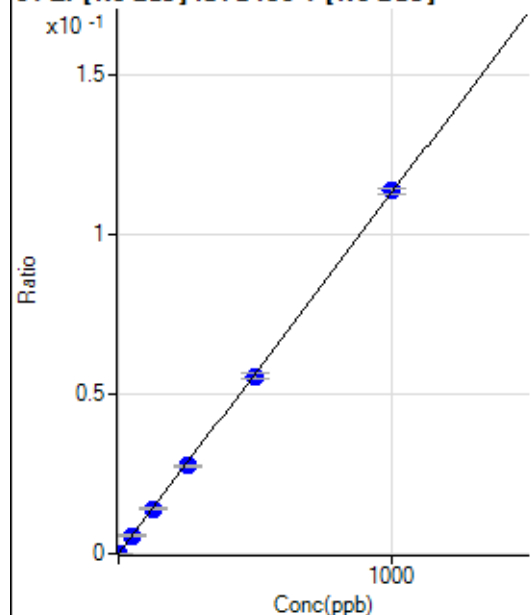
$$R = 1.0000$$

$$DL = 0.02683$$

$$BEC = 0.07582$$

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	58.34	0.0000	P	64.6
2	☐	1.000	0.958	1152.86	0.0001	P	7.1
3	☐	50.000	50.536	58498.44	0.0057	P	0.6
4	☐	125.000	124.328	144422.67	0.0141	P	2.6
5	☐	250.000	244.006	288322.38	0.0276	P	1.5
6	☐	500.000	491.881	569174.54	0.0557	P	2.9
7	☐	1000.000	1005.615	1181086.54	0.1138	P	1.8
8	☐			338.90	0.0000	P	9.2

$$y = 1.1320\text{E-}004 * x + 5.5638\text{E-}006$$

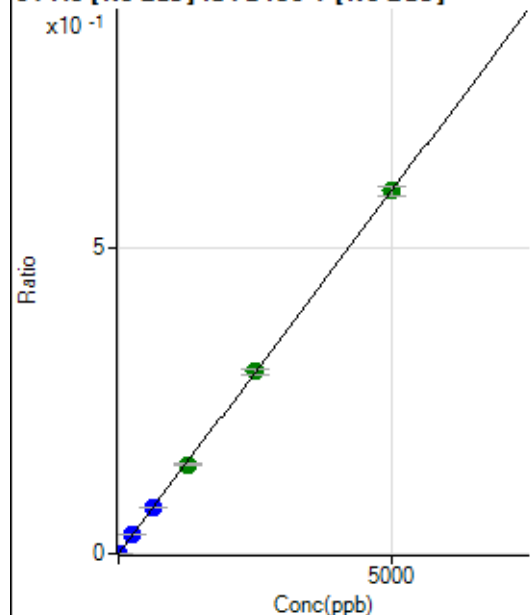
$$R = 0.9999$$

$$DL = 0.09519$$

$$BEC = 0.04915$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	163.89	0.0000	P	3.7
2	☐	5.000	4.797	5931.99	0.0006	P	1.1
3	☐	250.000	256.419	311604.26	0.0305	P	2.3
4	☐	625.000	639.850	780660.16	0.0761	P	1.5
5	☐	1250.000	1228.315	1524240.32	0.1461	A	2.2
6	☐	2500.000	2505.865	3045232.32	0.2980	A	3.8
7	☐	5000.000	5000.312	6167912.33	0.5946	A	2.6
8	☐			1989.09	0.0002	P	5.5

$$y = 1.1890\text{E-}004 * x + 1.5755\text{E-}005$$

$$R = 1.0000$$

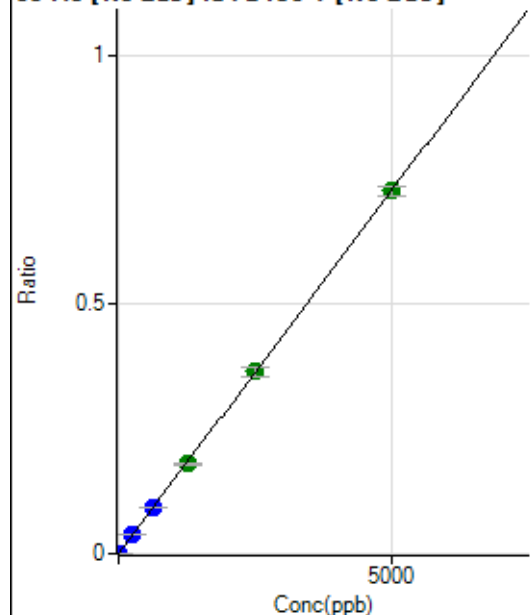
$$DL = 0.01488$$

$$BEC = 0.1325$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0000	P	51.4
2	☐	5.000	4.788	7071.43	0.0007	P	3.2
3	☐	250.000	256.311	381297.30	0.0373	P	0.6
4	☐	625.000	638.920	954539.20	0.0930	P	0.8
5	☐	1250.000	1234.543	1876270.98	0.1798	A	0.8
6	☐	2500.000	2506.257	3729262.67	0.3649	A	4.7
7	☐	5000.000	4998.681	7550885.32	0.7279	A	2.4
8	☐			2533.65	0.0002	P	10.0

$$y = 1.4561\text{E-}004 * x + 1.6084\text{E-}006$$

$$R = 1.0000$$

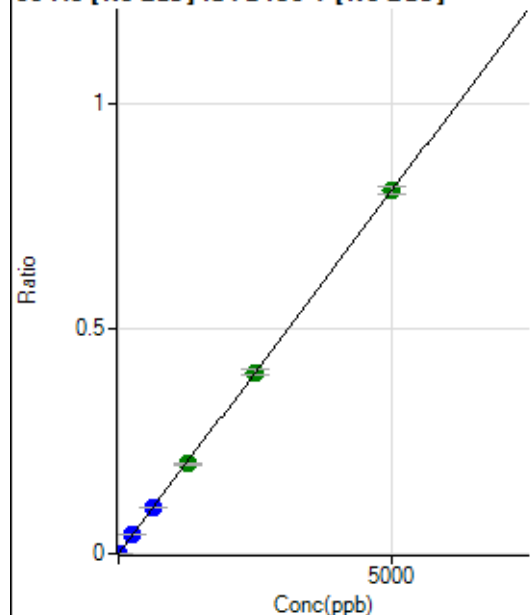
$$DL = 0.01704$$

$$BEC = 0.01105$$

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	155.56	0.0000	P	26.6
2	☐	5.000	4.847	8052.54	0.0008	P	2.9
3	☐	250.000	256.706	422587.27	0.0414	P	1.0
4	☐	625.000	639.214	1056506.73	0.1030	P	1.1
5	☐	1250.000	1235.208	2076642.45	0.1990	A	1.5
6	☐	2500.000	2499.850	4115545.97	0.4027	A	3.6
7	☐	5000.000	5001.661	8358412.95	0.8057	A	2.1
8	☐			3169.90	0.0003	P	5.6

$$y = 1.6108\text{E-}004 * x + 1.4958\text{E-}005$$

$$R = 1.0000$$

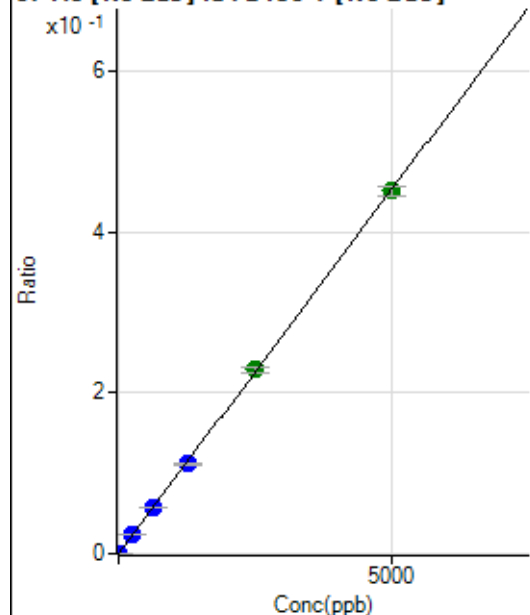
$$DL = 0.07403$$

$$BEC = 0.09286$$

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	33.33	0.0000	P	41.8
2	☐	5.000	4.735	4375.81	0.0004	P	1.4
3	☐	250.000	253.575	234759.63	0.0230	P	0.7
4	☐	625.000	633.100	588544.36	0.0574	P	1.5
5	☐	1250.000	1235.819	1168677.38	0.1120	P	1.8
6	☐	2500.000	2534.972	2347667.65	0.2297	A	3.2
7	☐	5000.000	4984.868	4685834.57	0.4517	A	2.4
8	☐			1483.46	0.0001	P	5.0

$$y = 9.0612\text{E-}005 * x + 3.1918\text{E-}006$$

$$R = 1.0000$$

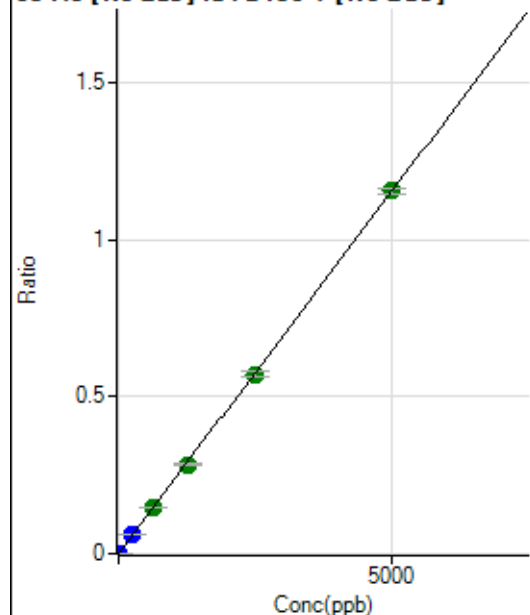
$$DL = 0.04418$$

$$BEC = 0.03522$$

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	44.44	0.0000	P	27.0
2	☐	5.000	4.790	11229.79	0.0011	P	2.4
3	☐	250.000	255.220	601768.39	0.0589	P	0.8
4	☐	625.000	637.418	1508920.36	0.1471	A	3.1
5	☐	1250.000	1234.558	2973062.59	0.2849	A	2.5
6	☐	2500.000	2481.712	5854457.94	0.5727	A	2.6
7	☐	5000.000	5011.191	11998802.27	1.1565	A	1.4
8	☐			3881.22	0.0004	P	8.9

$$y = 2.3078\text{E-}004 * x + 4.2586\text{E-}006$$

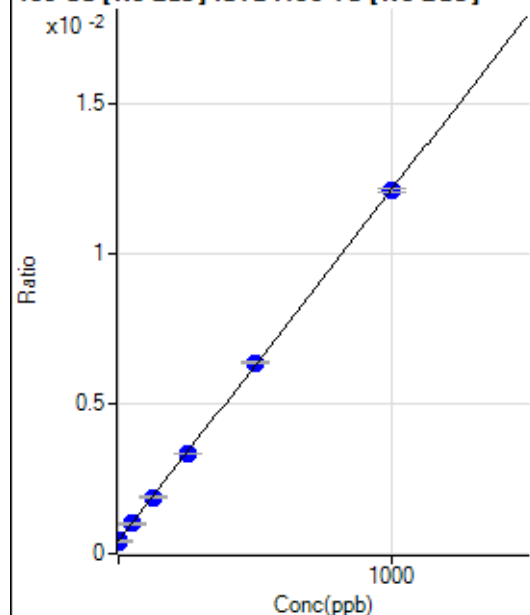
$$R = 1.0000$$

$$DL = 0.01496$$

$$BEC = 0.01845$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2792.02	0.0004	P	2.2
2	☐	1.000	-2.157	2558.65	0.0004	P	6.4
3	☐	50.000	49.338	6610.11	0.0010	P	5.8
4	☐	125.000	122.213	12252.97	0.0019	P	3.0
5	☐	250.000	248.034	21898.37	0.0033	P	0.8
6	☐	500.000	508.097	41454.60	0.0064	P	1.1
7	☐	1000.000	996.828	80252.83	0.0121	P	1.2
8	☐			2689.23	0.0004	P	3.7

$$y = 1.1696\text{E-}005 * x + 4.3534\text{E-}004$$

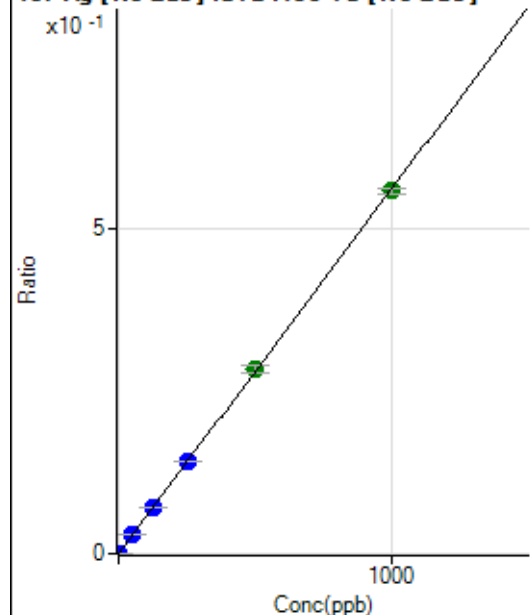
$$R = 0.9999$$

$$DL = 2.479$$

$$BEC = 37.22$$

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	147.23	0.0000	P	23.6
2	☐	1.000	0.993	3614.45	0.0006	P	2.2
3	☐	50.000	50.777	185667.63	0.0284	P	0.9
4	☐	125.000	128.216	471603.46	0.0718	P	1.5
5	☐	250.000	254.019	933129.57	0.1422	P	1.2
6	☐	500.000	506.567	1841744.92	0.2835	A	3.4
7	☐	1000.000	995.271	3695786.67	0.5570	A	1.6
8	☐			1716.83	0.0003	P	10.3

$$y = 5.5963\text{E-}004 * x + 2.2966\text{E-}005$$

$$R = 1.0000$$

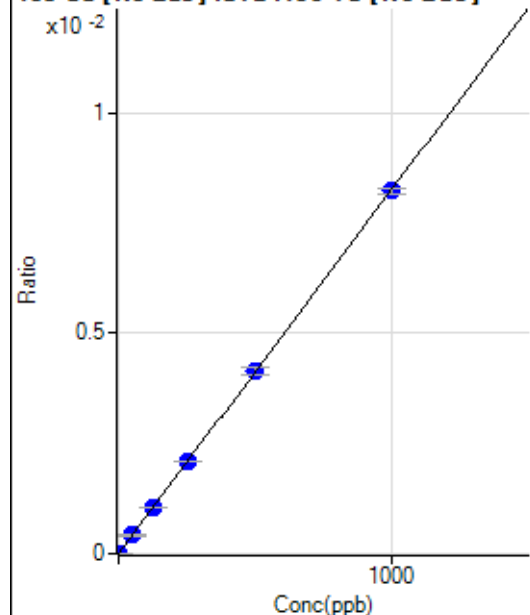
$$DL = 0.02899$$

$$BEC = 0.04104$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	18.06	0.0000	P	34.2
2	☐	1.000	0.957	66.67	0.0000	P	28.5
3	☐	50.000	50.523	2739.19	0.0004	P	4.6
4	☐	125.000	125.590	6825.40	0.0010	P	0.7
5	☐	250.000	253.809	13759.74	0.0021	P	0.5
6	☐	500.000	503.478	27001.50	0.0042	P	3.8
7	☐	1000.000	997.209	54597.66	0.0082	P	1.4
8	☐			45.83	0.0000	P	19.7

$$y = 8.2485\text{E-}006 * x + 2.8110\text{E-}006$$

$$R = 1.0000$$

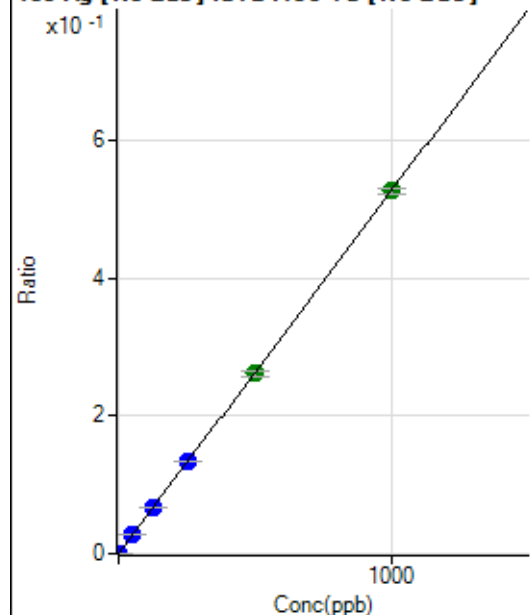
$$DL = 0.3494$$

$$BEC = 0.3408$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	119.45	0.0000	P	33.6
2	☐	1.000	1.012	3442.20	0.0006	P	2.0
3	☐	50.000	51.684	177660.63	0.0272	P	1.8
4	☐	125.000	128.983	446074.99	0.0679	P	0.5
5	☐	250.000	255.525	882595.56	0.1345	P	0.7
6	☐	500.000	496.865	1698608.11	0.2615	A	3.0
7	☐	1000.000	999.604	3489989.84	0.5260	A	1.6
8	☐			1727.94	0.0003	P	4.0

$$y = 5.2618\text{E-}004 * x + 1.8548\text{E-}005$$

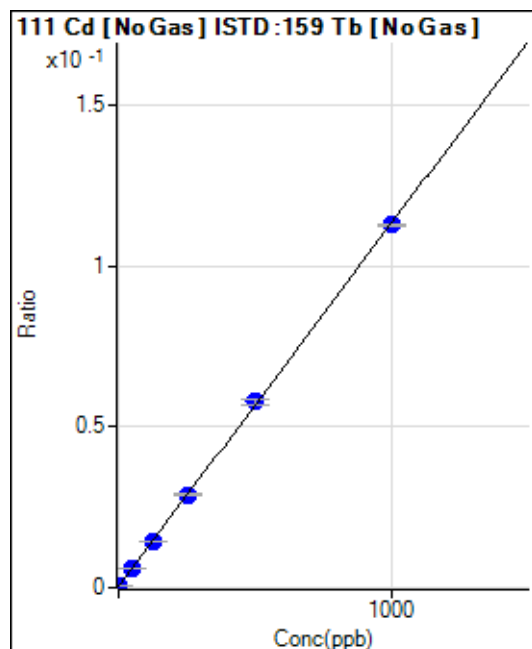
$$R = 1.0000$$

$$DL = 0.03552$$

$$BEC = 0.03525$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2190.39	0.0003	P	1.0
2	☐	1.000	0.838	2722.21	0.0004	P	6.2
3	☐	50.000	50.916	39804.06	0.0061	P	1.2
4	☐	125.000	125.845	95717.35	0.0146	P	0.6
5	☐	250.000	252.779	189749.80	0.0289	P	2.3
6	☐	500.000	507.899	375206.25	0.0578	P	2.9
7	☐	1000.000	995.205	748693.63	0.1128	P	0.9
8	☐			2212.88	0.0003	P	3.9

$$y = 1.1304\text{E-}004 * x + 3.4156\text{E-}004$$

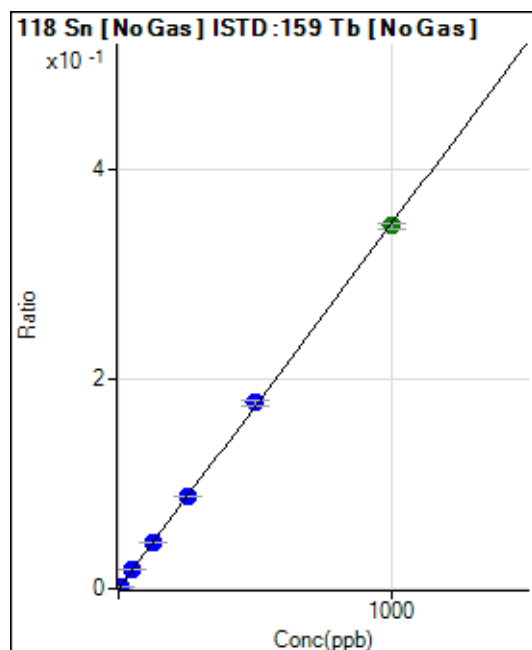
$$R = 0.9999$$

$$DL = 0.09292$$

$$BEC = 3.022$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	266.68	0.0000	P	36.2
2	☐	5.000	4.929	10982.42	0.0018	P	2.5
3	☐	50.000	51.184	116703.68	0.0179	P	1.3
4	☐	125.000	127.287	291693.01	0.0444	P	0.8
5	☐	250.000	252.018	576610.89	0.0879	P	1.0
6	☐	500.000	509.974	1154674.66	0.1777	P	3.0
7	☐	1000.000	994.164	2298649.16	0.3464	A	1.7
8	☐			788.93	0.0001	P	9.0

$$y = 3.4843\text{E-}004 * x + 4.1652\text{E-}005$$

$$R = 0.9999$$

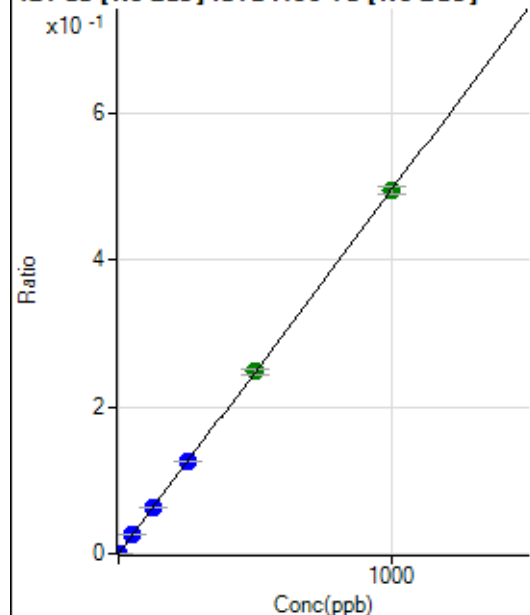
$$DL = 0.1299$$

$$BEC = 0.1195$$

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	27.78	0.0000	P	86.6
2	☐	2.000	2.025	6282.17	0.0010	P	8.5
3	☐	50.000	51.202	165577.38	0.0254	P	0.7
4	☐	125.000	127.514	415003.14	0.0632	P	0.0
5	☐	250.000	253.025	822509.45	0.1253	P	0.7
6	☐	500.000	501.909	1614915.35	0.2486	A	3.1
7	☐	1000.000	997.915	3279205.22	0.4942	A	2.0
8	☐			2022.43	0.0003	P	0.8

$$y = 4.9526\text{E-}004 * x + 4.2868\text{E-}006$$

$$R = 1.0000$$

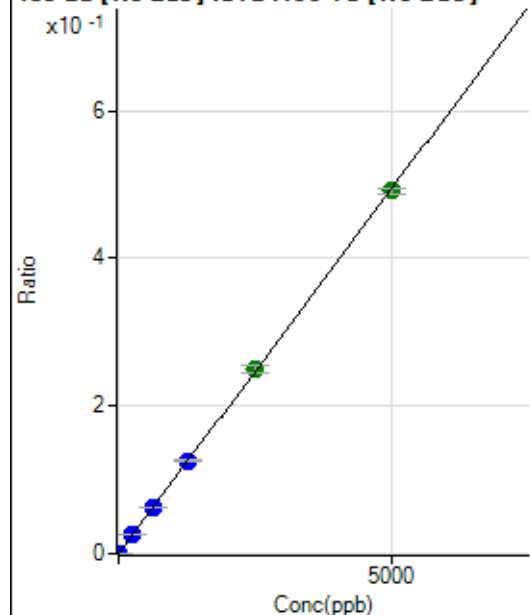
$$DL = 0.02249$$

$$BEC = 0.008656$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.55	0.0000	P	36.7
2	☐	10.000	9.574	5962.59	0.0010	P	6.0
3	☐	250.000	256.094	165261.34	0.0253	P	0.7
4	☐	625.000	641.596	416635.67	0.0634	P	0.5
5	☐	1250.000	1275.512	827266.64	0.1260	P	0.7
6	☐	2500.000	2536.776	1628217.63	0.2507	A	3.9
7	☐	5000.000	4972.856	3260312.03	0.4914	A	1.9
8	☐			5615.19	0.0009	P	4.9

$$y = 9.8810\text{E-}005 * x + 8.6316\text{E-}006$$

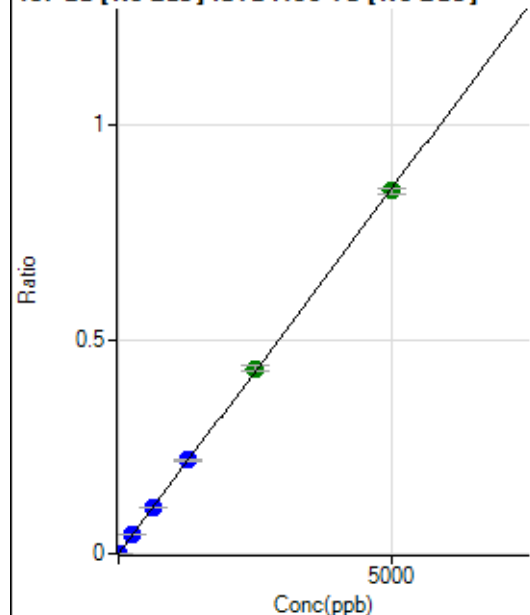
$$R = 0.9999$$

$$DL = 0.09629$$

$$BEC = 0.08736$$

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	86.11	0.0000	P	20.9
2	☐	10.000	9.902	10604.45	0.0017	P	1.4
3	☐	250.000	258.090	286795.58	0.0439	P	1.2
4	☐	625.000	641.241	717046.74	0.1091	P	0.7
5	☐	1250.000	1284.249	1434329.68	0.2185	P	1.2
6	☐	2500.000	2532.403	2799455.23	0.4309	A	3.3
7	☐	5000.000	4972.802	5614754.42	0.8462	A	1.2
8	☐			9940.02	0.0015	P	5.3

$$y = 1.7016E-004 * x + 1.3405E-005$$

$$R = 0.9999$$

$$DL = 0.04951$$

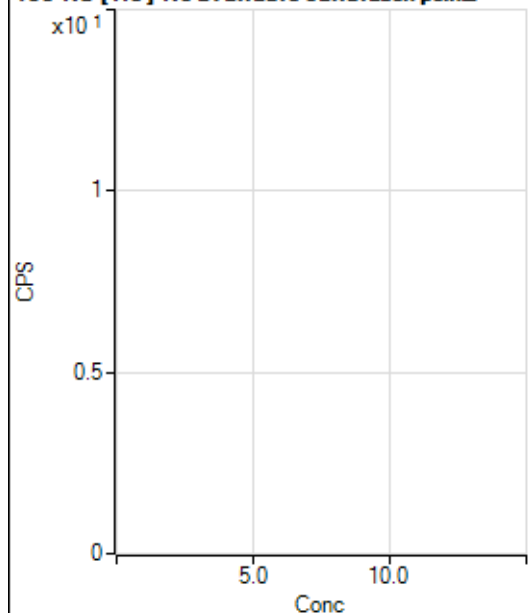
$$BEC = 0.07878$$

Weight: <None>

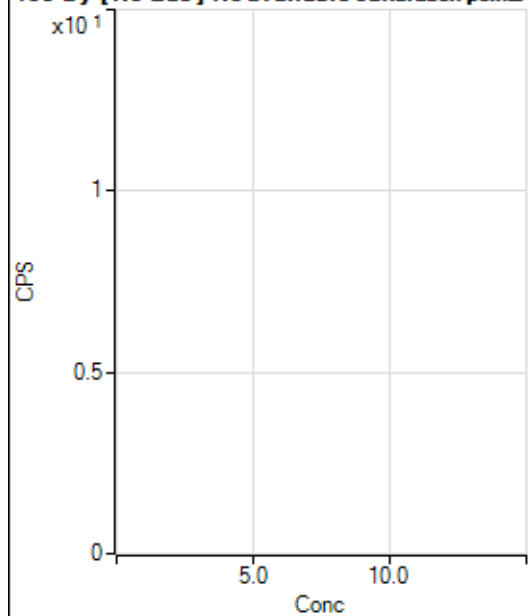
Min Conc: 0

150 Nd [No Gas] No available calibration points

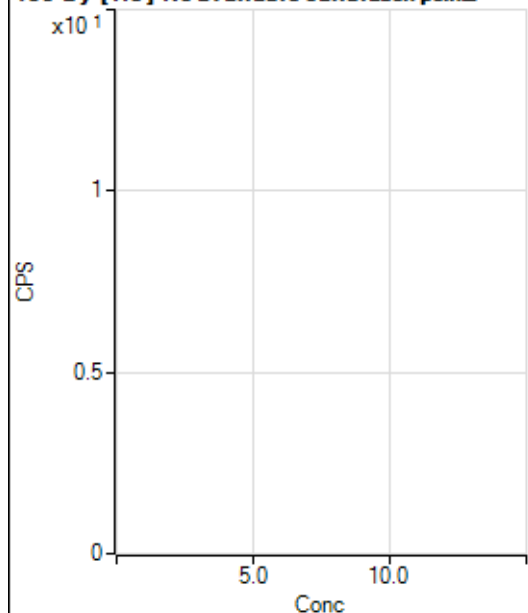
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15.56		P	49.5
2	☐			6.67		P	0.0
3	☐			8.89		P	114.
4	☐			35.56		P	57.3
5	☐			46.67		P	49.5
6	☐			75.56		P	22.2
7	☐			137.78		P	22.4
8	☐			17.78		P	57.3

150 Nd [He] No available calibration points

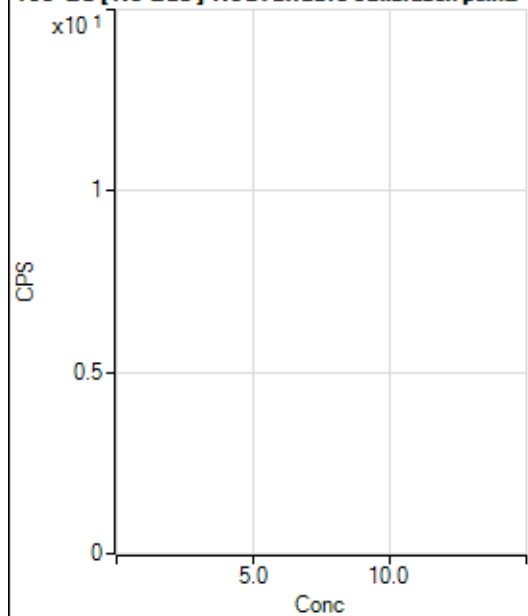
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐			1.11		P	173.
3	☐			1.11		P	173.
4	☐			1.11		P	173.
5	☐			5.55		P	69.3
6	☐			11.11		P	69.3
7	☐			6.67		P	50.0
8	☐			4.45		P	86.6

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	100.
2	☐			8.33		P	173.
3	☐			25.00		P	33.3
4	☐			22.22		P	43.3
5	☐			30.56		P	63.0
6	☐			94.45		P	13.5
7	☐			80.56		P	31.6
8	☐			219.45		P	7.9

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	34.7
2	☐			7.78		P	24.7
3	☐			8.89		P	57.3
4	☐			11.11		P	17.3
5	☐			10.00		P	120.
6	☐			12.22		P	56.8
7	☐			31.11		P	44.6
8	☐			78.89		P	21.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44.44		P	28.6
2	☐			58.33		P	28.6
3	☐			52.78		P	9.1
4	☐			66.67		P	45.1
5	☐			47.23		P	56.7
6	☐			55.56		P	31.2
7	☐			72.22		P	40.5
8	☐			205.56		P	29.9

160 Gd [He] No available calibration points

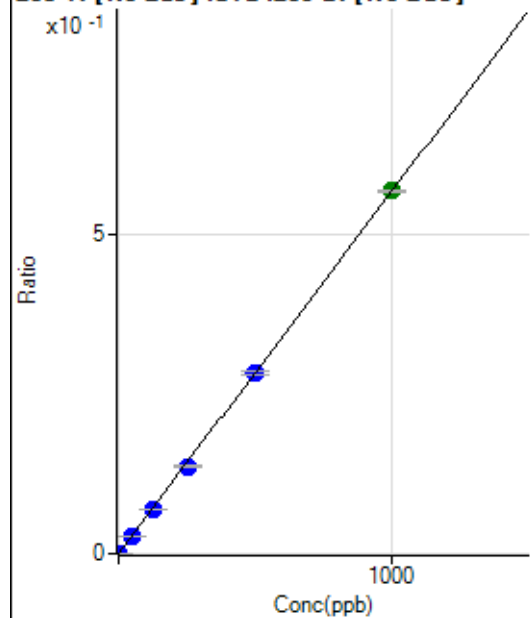
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			18.89		P	10.2
2	☐			27.78		P	30.2
3	☐			25.56		P	19.9
4	☐			31.11		P	32.7
5	☐			17.78		P	21.7
6	☐			32.22		P	6.0
7	☐			40.00		P	60.1
8	☐			152.22		P	2.5

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36.11		P	13.3
2	☐			25.00		P	57.7
3	☐			52.78		P	77.9
4	☐			30.56		P	31.5
5	☐			27.78		P	62.5
6	☐			33.34		P	43.3
7	☐			47.22		P	79.6
8	☐			52.78		P	32.9

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15.55		P	44.6
2	☐			17.78		P	28.6
3	☐			13.33		P	90.2
4	☐			21.11		P	24.1
5	☐			22.22		P	43.3
6	☐			13.33		P	NaN
7	☐			17.78		P	39.0
8	☐			18.89		P	36.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	563.92	0.0002	P	15.6
2	☐	1.000	0.929	2333.60	0.0007	P	5.0
3	☐	50.000	48.910	99320.02	0.0279	P	1.6
4	☐	125.000	122.568	248437.61	0.0696	P	0.7
5	☐	250.000	241.607	489770.10	0.1370	P	2.1
6	☐	500.000	499.466	992402.37	0.2831	P	2.9
7	☐	1000.000	1002.724	1995063.13	0.5681	A	0.5
8	☐			833.38	0.0002	P	3.3

$$y = 5.6641\text{E-}004 * x + 1.5877\text{E-}004$$

$$R = 1.0000$$

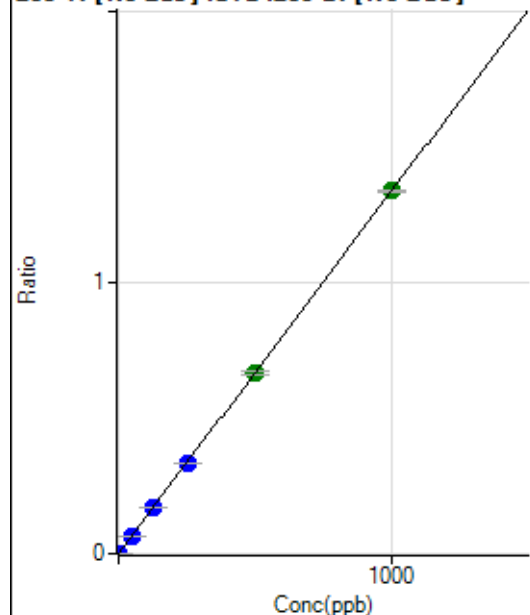
$$DL = 0.1315$$

$$BEC = 0.2803$$

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	1447.35	0.0004	P	6.6
2	☐	1.000	0.956	5737.51	0.0017	P	3.2
3	☐	50.000	49.141	235369.32	0.0660	P	2.2
4	☐	125.000	125.657	600534.76	0.1682	P	2.0
5	☐	250.000	248.380	1187233.88	0.3321	P	1.6
6	☐	500.000	499.521	2340474.51	0.6675	A	1.8
7	☐	1000.000	1000.606	4693845.81	1.3366	A	0.5
8	☐			2000.21	0.0006	P	14.6

$$y = 0.0013 * x + 4.0743E-004$$

$$R = 1.0000$$

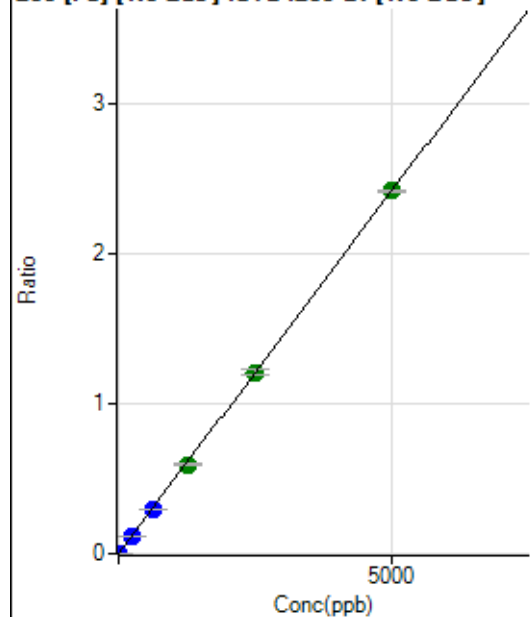
$$DL = 0.06076$$

$$BEC = 0.3051$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	811.15	0.0002	P	1.6
2	☐	1.000	0.923	2290.99	0.0007	P	11.8
3	☐	250.000	242.548	418061.48	0.1173	P	2.0
4	☐	625.000	614.966	1060384.52	0.2970	P	1.7
5	☐	1250.000	1230.797	2124459.17	0.5942	A	0.4
6	☐	2500.000	2505.359	4239755.74	1.2093	A	2.6
7	☐	5000.000	5003.748	8480683.70	2.4150	A	0.5
8	☐			2455.83	0.0007	P	2.0

$$y = 4.8259E-004 * x + 2.2840E-004$$

$$R = 1.0000$$

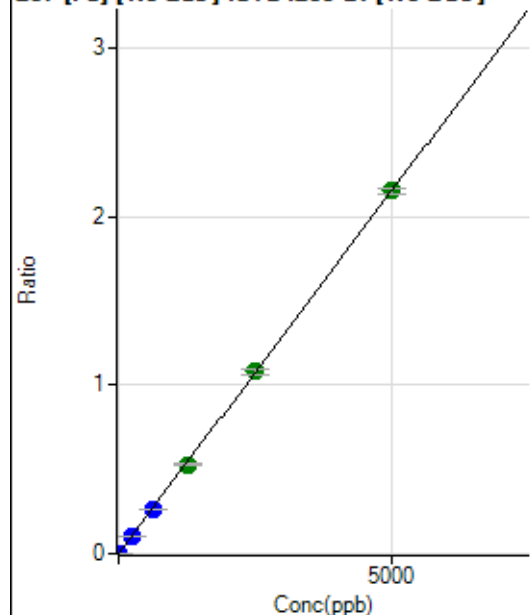
$$DL = 0.02292$$

$$BEC = 0.4733$$

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	703.73	0.0002	P	10.9
2	☐	1.000	0.940	2055.76	0.0006	P	6.4
3	☐	250.000	242.068	372610.00	0.1045	P	1.8
4	☐	625.000	609.658	938876.55	0.2630	P	0.8
5	☐	1250.000	1231.985	1898895.63	0.5312	A	2.2
6	☐	2500.000	2509.164	3792179.80	1.0816	A	2.7
7	☐	5000.000	5002.236	7571473.43	2.1561	A	1.3
8	☐			2059.46	0.0006	P	4.5

$$y = 4.3099\text{E-}004 * x + 1.9840\text{E-}004$$

$$R = 1.0000$$

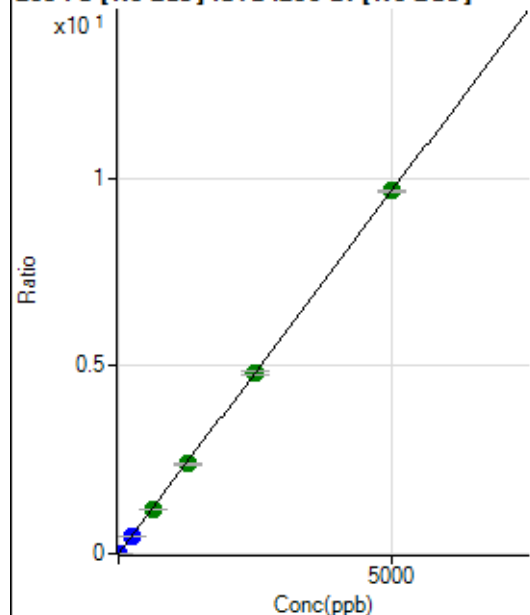
$$DL = 0.1507$$

$$BEC = 0.4603$$

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	3242.81	0.0009	P	3.2
2	☐	1.000	0.916	9131.06	0.0027	P	5.0
3	☐	250.000	243.653	1681185.31	0.4716	P	1.5
4	☐	625.000	619.198	4274182.16	1.1971	A	0.8
5	☐	1250.000	1239.082	8560940.38	2.3946	A	1.4
6	☐	2500.000	2498.345	16924907.03	4.8273	A	2.6
7	☐	5000.000	5004.600	33954611.81	9.6691	A	0.7
8	☐			9751.62	0.0029	P	1.3

$$y = 0.0019 * x + 9.1292\text{E-}004$$

$$R = 1.0000$$

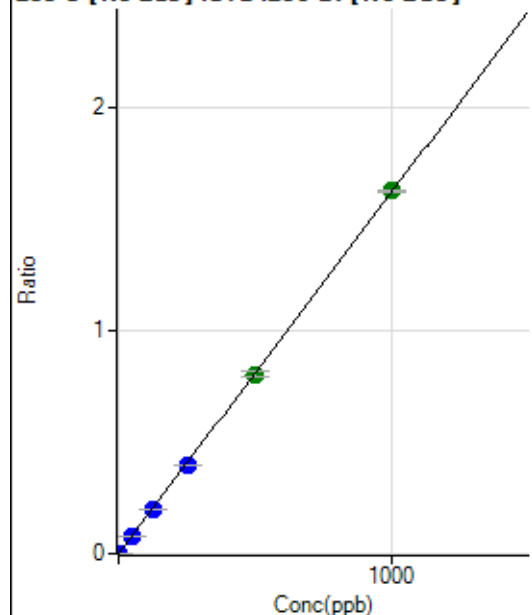
$$DL = 0.04594$$

$$BEC = 0.4726$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	411.13	0.0001	P	16.7
2	☐	1.000	0.904	5376.29	0.0016	P	3.3
3	☐	50.000	48.265	278885.90	0.0782	P	1.8
4	☐	125.000	121.772	704151.86	0.1972	P	0.4
5	☐	250.000	244.849	1417304.21	0.3964	P	0.9
6	☐	500.000	495.990	2814890.21	0.8029	A	2.9
7	☐	1000.000	1003.783	5705896.48	1.6248	A	0.8
8	☐			722.26	0.0002	P	7.9

$$y = 0.0016 * x + 1.1582E-004$$

$$R = 1.0000$$

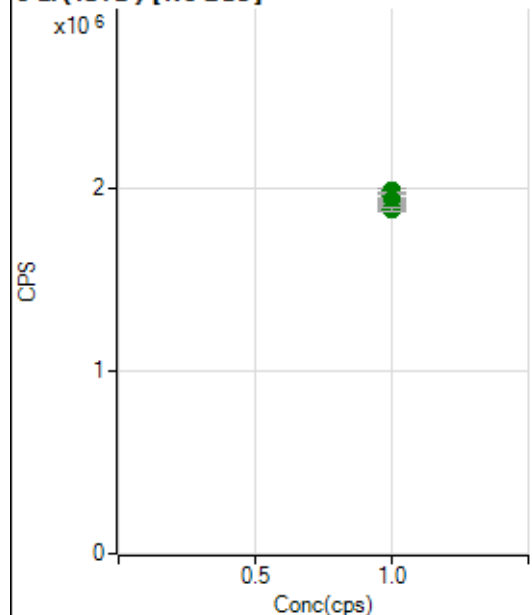
$$DL = 0.03595$$

$$BEC = 0.07156$$

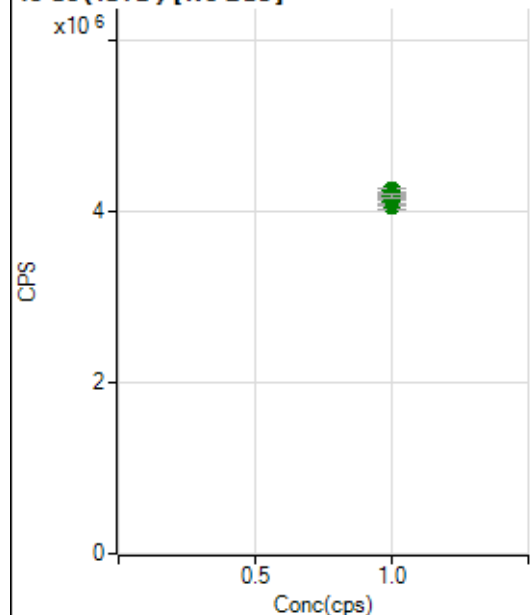
Weight: <None>

Min Conc: 0

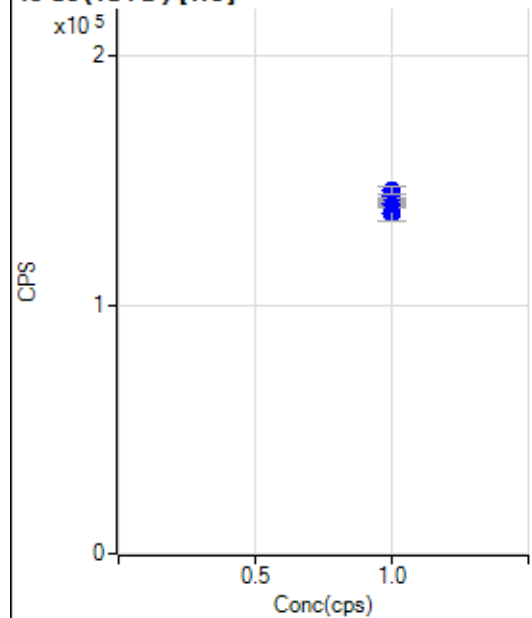
6 Li (ISTD) [No Gas]



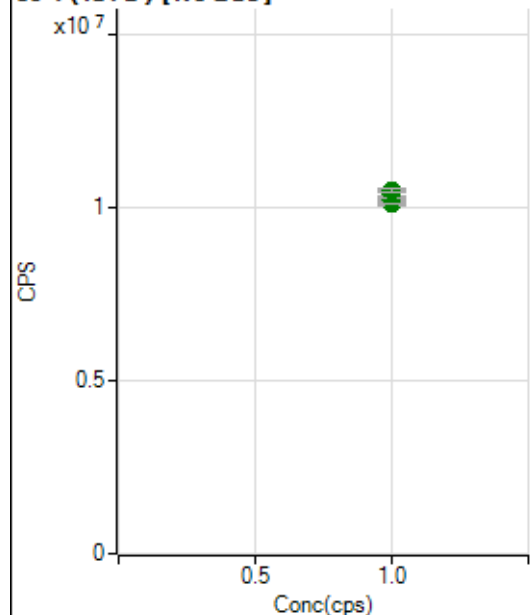
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1931684.16		A	1.3
2	☐	1.000		1902760.24		A	1.7
3	☐	1.000		1960614.73		A	1.7
4	☐	1.000		1985239.13		A	1.7
5	☐	1.000		1974722.57		A	0.4
6	☐	1.000		1932903.46		A	0.8
7	☐	1.000		1913437.15		A	0.7
8	☐	1.000		1885408.54		A	1.3

45 Sc (ISTD) [No Gas]

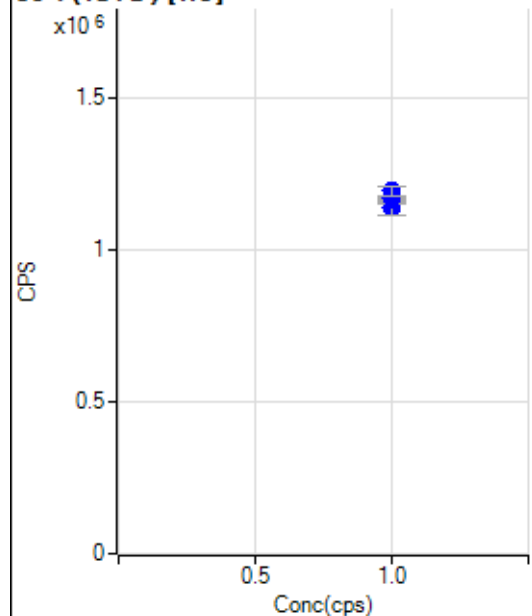
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4210948.83		A	2.6
2	☐	1.000		4070490.11		A	2.8
3	☐	1.000		4103447.99		A	1.2
4	☐	1.000		4202595.01		A	0.5
5	☐	1.000		4240476.40		A	1.1
6	☐	1.000		4129150.63		A	1.8
7	☐	1.000		4152306.29		A	1.0
8	☐	1.000		4188416.40		A	1.1

45 Sc (ISTD) [He]

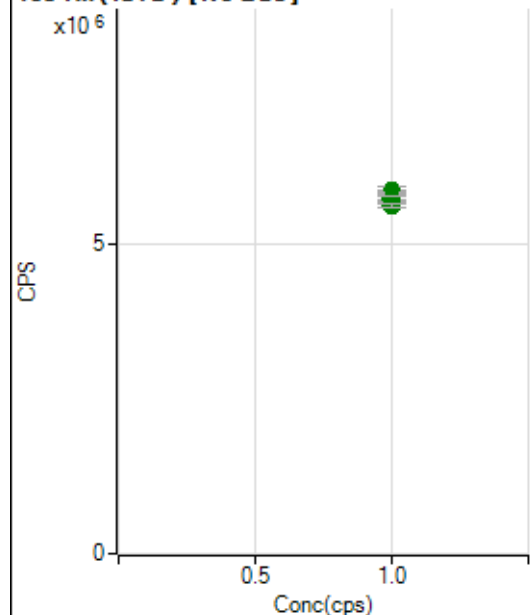
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		141037.23		P	0.7
2	☐	1.000		140326.33		P	1.9
3	☐	1.000		141327.39		P	1.1
4	☐	1.000		136832.42		P	4.2
5	☐	1.000		140276.26		P	1.4
6	☐	1.000		141197.41		P	0.3
7	☐	1.000		143741.51		P	0.9
8	☐	1.000		145723.21		P	2.0

89 Y (ISTD) [No Gas]

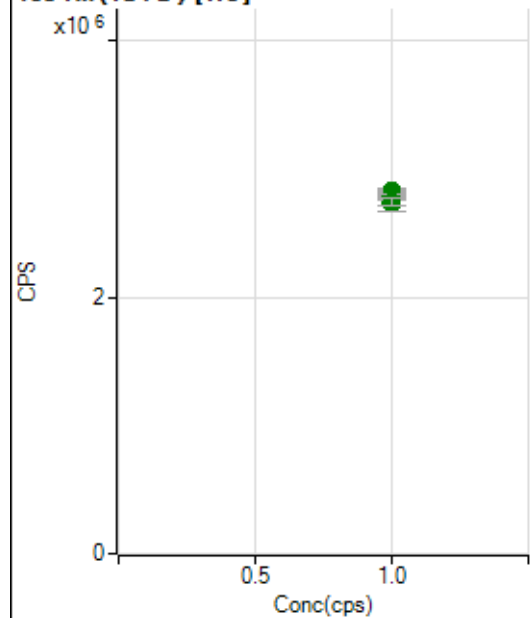
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10405482.35		A	1.8
2	☐	1.000		10121621.52		A	1.5
3	☐	1.000		10216135.40		A	0.8
4	☐	1.000		10260549.01		A	1.7
5	☐	1.000		10438401.30		A	2.2
6	☐	1.000		10225181.38		A	2.2
7	☐	1.000		10376251.86		A	1.5
8	☐	1.000		10491076.09		A	1.0

89 Y (ISTD) [He]

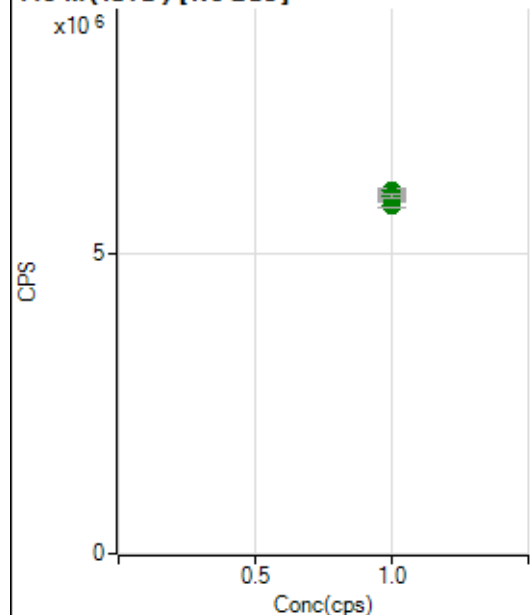
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1171368.79		P	0.7
2	☐	1.000		1157483.54		P	0.9
3	☐	1.000		1165602.82		P	0.7
4	☐	1.000		1140019.13		P	3.8
5	☐	1.000		1165528.24		P	1.9
6	☐	1.000		1173724.45		P	1.1
7	☐	1.000		1179306.27		P	0.4
8	☐	1.000		1196366.36		P	2.3

103 Rh (ISTD) [No Gas]

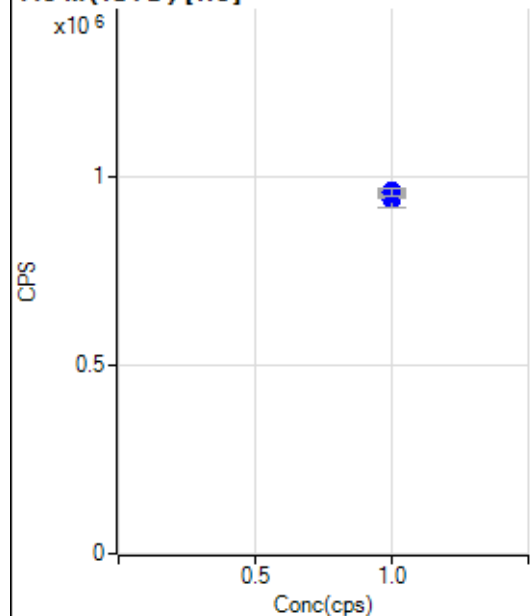
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5846762.28		A	2.0
2	☐	1.000		5636895.53		A	1.6
3	☐	1.000		5812099.39		A	0.5
4	☐	1.000		5826572.22		A	1.1
5	☐	1.000		5785353.60		A	1.1
6	☐	1.000		5744107.68		A	2.0
7	☐	1.000		5712243.49		A	1.5
8	☐	1.000		5611342.14		A	1.0

103 Rh (ISTD) [He]

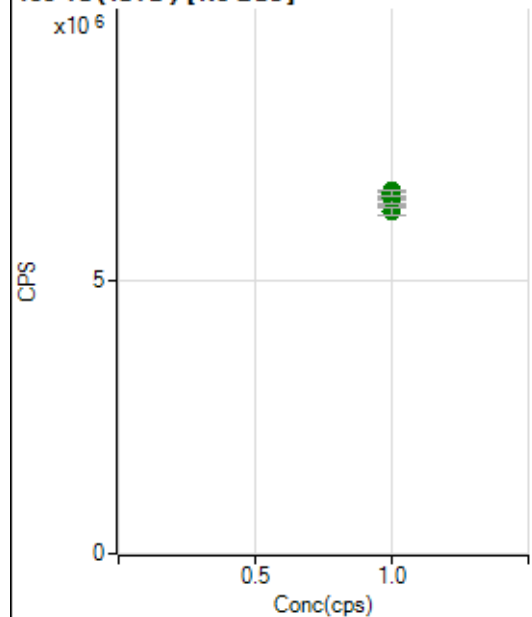
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2826522.94		A	0.9
2	☐	1.000		2801043.67		A	2.0
3	☐	1.000		2827126.90		A	0.8
4	☐	1.000		2726300.11		A	4.1
5	☐	1.000		2753443.29		A	2.5
6	☐	1.000		2804728.71		A	0.9
7	☐	1.000		2782441.31		A	1.7
8	☐	1.000		2742382.70		A	2.0

115 In (ISTD) [No Gas]

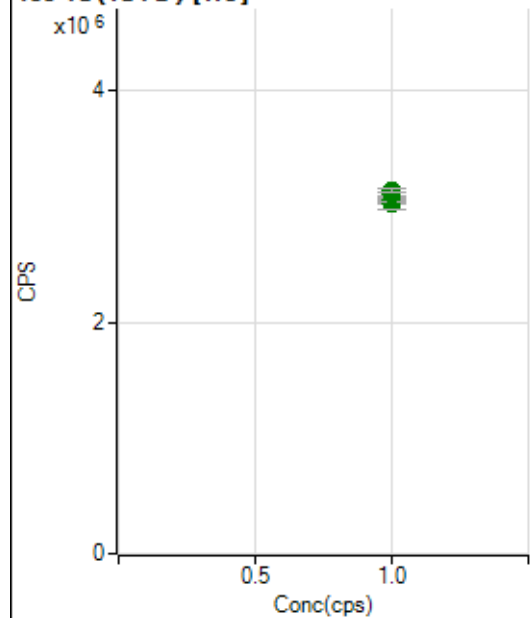
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6011821.96		A	2.6
2	☐	1.000		5833615.38		A	2.1
3	☐	1.000		5962270.06		A	1.8
4	☐	1.000		6065510.67		A	0.4
5	☐	1.000		6062061.39		A	1.5
6	☐	1.000		5955773.93		A	1.9
7	☐	1.000		5985427.16		A	0.3
8	☐	1.000		5976488.41		A	1.5

115 In (ISTD) [He]

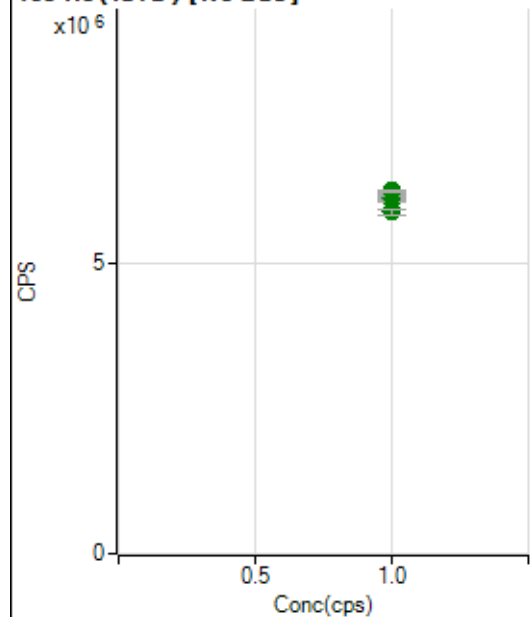
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		960779.49		P	0.7
2	☐	1.000		950193.22		P	1.4
3	☐	1.000		963313.97		P	0.6
4	☐	1.000		939530.16		P	4.1
5	☐	1.000		953822.24		P	1.7
6	☐	1.000		959897.59		P	0.6
7	☐	1.000		959477.29		P	0.5
8	☐	1.000		957937.67		P	2.1

159 Tb (ISTD) [No Gas]

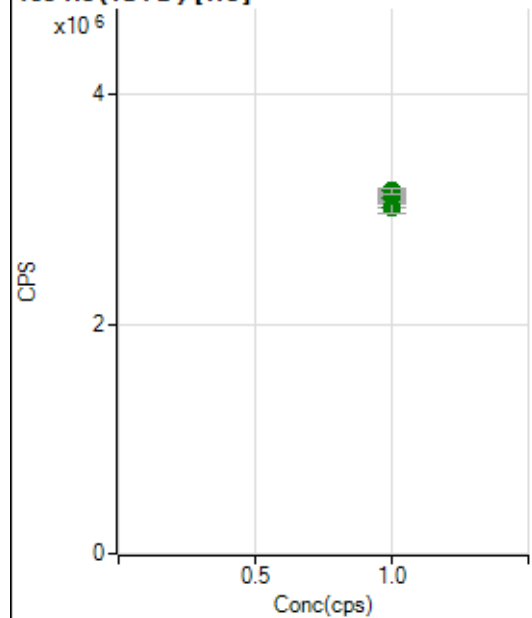
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6413138.51		A	1.9
2	☐	1.000		6244839.70		A	2.3
3	☐	1.000		6528560.32		A	0.2
4	☐	1.000		6571007.40		A	0.9
5	☐	1.000		6563809.69		A	1.4
6	☐	1.000		6500831.91		A	3.2
7	☐	1.000		6635485.94		A	0.6
8	☐	1.000		6601148.44		A	1.5

159 Tb (ISTD) [He]

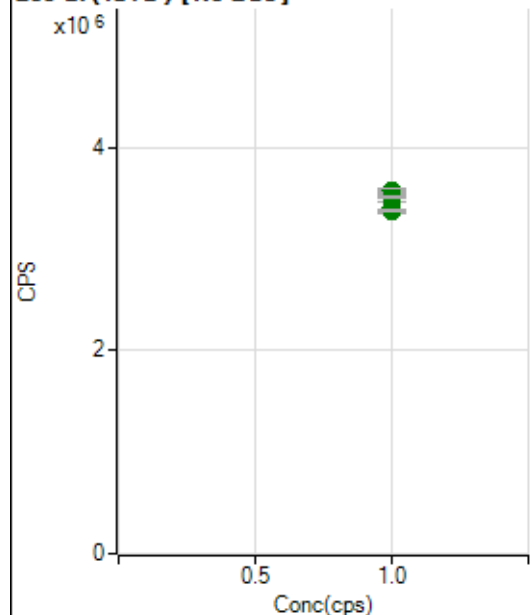
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3060785.75		A	0.9
2	☐	1.000		3040370.68		A	1.7
3	☐	1.000		3056377.31		A	0.3
4	☐	1.000		3028582.07		A	4.1
5	☐	1.000		3064017.11		A	2.1
6	☐	1.000		3101794.88		A	0.9
7	☐	1.000		3125995.34		A	0.3
8	☐	1.000		3133427.38		A	1.0

165 Ho (ISTD) [No Gas]

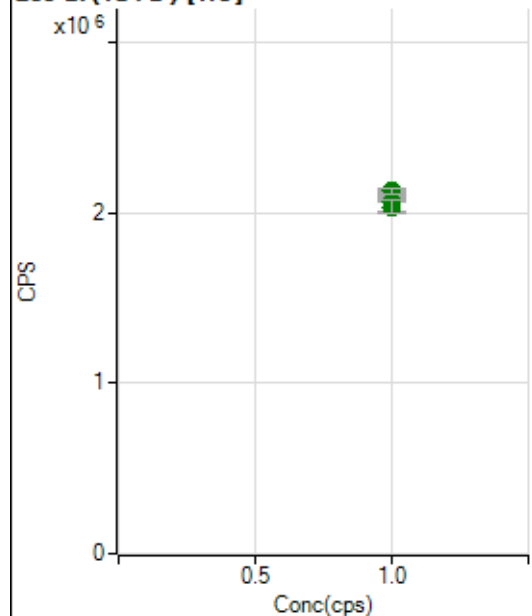
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6088572.01		A	0.8
2	☐	1.000		5870643.88		A	1.6
3	☐	1.000		6105055.82		A	0.7
4	☐	1.000		6143196.84		A	1.2
5	☐	1.000		6204483.21		A	1.3
6	☐	1.000		6123956.17		A	2.5
7	☐	1.000		6155747.06		A	0.7
8	☐	1.000		6235541.55		A	0.7

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3077992.59		A	1.5
2	☐	1.000		3063053.77		A	2.6
3	☐	1.000		3099367.14		A	1.8
4	☐	1.000		3023285.34		A	4.3
5	☐	1.000		3114932.52		A	2.4
6	☐	1.000		3121157.56		A	0.6
7	☐	1.000		3154314.46		A	0.6
8	☐	1.000		3161048.98		A	1.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3550904.60		A	1.6
2	☐	1.000		3407976.72		A	3.0
3	☐	1.000		3565261.61		A	1.5
4	☐	1.000		3570442.48		A	0.7
5	☐	1.000		3575499.88		A	1.5
6	☐	1.000		3507481.54		A	2.4
7	☐	1.000		3511742.41		A	0.5
8	☐	1.000		3375730.65		A	0.4

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2112034.90		A	0.6
2	☐	1.000		2096164.22		A	2.6
3	☐	1.000		2129869.85		A	0.7
4	☐	1.000		2064809.17		A	5.3
5	☐	1.000		2113613.14		A	2.0
6	☐	1.000		2109129.12		A	0.8
7	☐	1.000		2131344.31		A	1.3
8	☐	1.000		2038586.60		A	3.5

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8101220-MS.b
Acq. Date-Time 2020-10-12 16:22:48
Report Comment ---
Instrument Name G8403A SG19224459

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		3456	34556.64			1.424	5.000
24		57361	573614.59			1.962	5.000
25		7584	75839.86			1.264	5.000
26		8536	85361.84			1.311	5.000
59		21690	216904.12			1.053	5.000
113		3440	34396.23			1.181	5.000
115		11160	111602.92			3.643	5.000
206		3726	37263.29			1.512	5.000
207		3085	30849.62			1.753	5.000
208		7595	75946.34			1.339	5.000
220		1	7.20			30.110	

Mass	RSD% (Flag)
9	
24	
25	
26	
59	
113	
115	
206	
207	
208	
220	

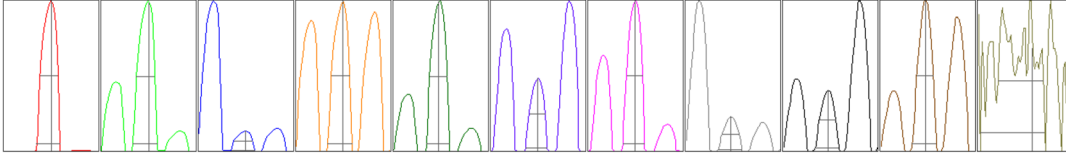
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	3469	3454	3472	3508	3375
24	57398	57440	58205	58277	55488
25	7597	7582	7593	7709	7439
26	8464	8511	8634	8668	8404
59	21653	21563	21801	22015	21420
113	3464	3464	3442	3459	3369
115	11645	11382	11138	11084	10551
206	3699	3768	3749	3775	3641
207	3068	3090	3061	3174	3032
208	7551	7555	7578	7772	7517

US EPA Tune Check Report

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
220	1	1	0	1	1

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	6469.90	9.05	8.90 - 9.10	
24	103036.33	24.05	23.90 - 24.10	
25	13759.83	25.00	24.90 - 25.10	
26	15805.33	26.00	25.90 - 26.10	
59	41261.85	58.95	58.90 - 59.10	
113	7084.68	113.00	112.90 - 113.10	
115	22751.53	115.00	114.90 - 115.10	
206	7326.26	205.95	205.90 - 206.10	
207	6121.37	206.95	206.90 - 207.10	
208	15158.86	207.95	207.90 - 208.10	
220	0.75	220.25	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.57	0.727	0.900	
24	0.58	0.775	0.900	
25	0.59	0.737	0.900	
26	0.57	0.774	0.900	
59	0.55	0.729	0.900	
113	0.51	0.682	0.900	
115	0.50	0.687	0.900	
206	0.53	0.745	0.900	
207	0.52	0.751	0.900	
208	0.52	0.772	0.900	
220	1.44	2.027		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode HMI Nebulizer Gas 0.51 L/min Dilution Gas 0.46 L/min

US EPA Tune Check Report

RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.40 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	10.1 V	Deflect	14.0 V
Extract 2	-225.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-95 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	4.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	160 V		

QP Parameters

Mass Gain	122	Axis Gain	0.9991	QP Bias	-4.0 V
Mass Offset	125	Axis Offset	-0.02		

Hardware Settings

Torch

Torch H	0.7 mm	Torch V	-0.4 mm
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EM

Discriminator	4.0 mV	Analog HV	2181 V	Pulse HV	1312 V
---------------	--------	-----------	--------	----------	--------

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		4991	49911.76			2.167	
89		3053	30530.12			2.864	
205		9982	99815.80			2.731	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	5045	5010	5066	4801	5034
89	3103	3093	3106	2899	3064
205	10176	10198	10021	9522	9991

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	HMI	Nebulizer Gas	0.51 L/min	Dilution Gas	0.46 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.40 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	10.1 V	Deflect	4.2 V
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US EPA Tune Check Report

Extract 2	-225.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-95 V	Cell Exit	-70 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	190 V		
QP Parameters					
Mass Gain	122	Axis Gain	0.9991	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	-0.02		
Hardware Settings					
Torch					
Torch H	0.7 mm	Torch V	-0.4 mm		
EM					
Discriminator	4.0 mV	Analog HV	2181 V	Pulse HV	1312 V

LB Number : LB111459 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P8
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 16:46:10 DataFile Name : 004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.41	0.23	-0.64	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	-0.01	0.00	N/A	ppb
Arsenic	75-2	0.02	-0.05	0.03	0.00	N/A	ppb
Barium	135-1	0.00	0.03	-0.03	0.00	N/A	ppb
Barium	137-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Beryllium	9-1	0.02	-0.04	0.03	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	11-1	0.03	0.19	-0.22	0.00	N/A	ppb
Boron	10-1	-0.70	-0.03	0.73	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	106-1	0.76	-0.88	0.12	0.00	N/A	ppb
Cadmium	108-1	0.12	-0.11	-0.02	0.00	N/A	ppb
Cadmium	111-1	0.02	-0.04	0.02	0.00	N/A	ppb
Calcium	43-1	1.65	1.67	-3.32	0.00	N/A	ppb
Calcium	44-1	-3.57	3.08	0.49	0.00	N/A	ppb
Chromium	52-2	-0.03	0.04	-0.01	0.00	N/A	ppb
Cobalt	59-2	-0.01	0.00	0.01	0.00	N/A	ppb
Copper	63-2	-0.05	0.09	-0.05	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	-0.48	-1.53	2.00	0.00	N/A	ppb
Iron	56-2	-0.09	0.08	0.01	0.00	N/A	ppb
Iron	57-2	1.02	-1.56	0.54	0.00	N/A	ppb
Krypton	83-1						cps
Lead	207-1	-0.05	0.01	0.04	0.00	N/A	ppb
Lead	208-1	0.02	-0.01	0.00	0.00	N/A	ppb
Lead	206-1	0.01	-0.01	0.00	0.00	N/A	ppb

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 16:46:10	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	-0.87	1.34	-0.48	0.00	N/A	ppb
Manganese	55-2	0.08	-0.07	-0.01	0.00	N/A	ppb
Molybdenum	94-1	0.00	-0.01	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	96-1	0.01	-0.03	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.01	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.07	0.05	0.00	N/A	ppb
Phosphorus	31-2	7.68	13.22	76.81	32.57	117.95	ppb
Potassium	39-2	10.10	6.45	-16.54	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	3.58	-0.71	-2.86	0.00	N/A	ppb
Selenium	78-2	-0.88	0.10	0.78	0.00	N/A	ppb
Selenium	82-1	0.52	-0.52	0.00	0.00	N/A	ppb
Silicon	28-1	-8.04	3.62	4.42	0.00	N/A	ppb
Silver	109-1	0.01	0.00	-0.01	0.00	N/A	ppb
Silver	107-1	0.01	-0.01	0.00	0.00	N/A	ppb
Sodium	23-2	2.65	1.56	-4.21	0.00	N/A	ppb
Strontium	86-1	-0.02	0.01	0.01	0.00	N/A	ppb
Strontium	88-1	-0.01	0.00	0.01	0.00	N/A	ppb
Sulfur	34-1	-2703.14	324.26	-596.50	-991.79		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	-0.05	0.04	0.00	N/A	ppb
Thallium	205-1	0.01	0.01	-0.02	0.00	N/A	ppb
Tin	118-1	-0.05	0.04	0.01	0.00	N/A	ppb
Titanium	47-1	0.07	-0.05	-0.02	0.00	N/A	ppb
Uranium	238-1	0.00	-0.01	0.01	0.00	N/A	ppb
Vanadium	51-2	0.00	-0.02	0.02	0.00	N/A	ppb
Yttrium	89-1				100		%

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 16:46:10	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	0.02	0.09	-0.11	0.00	N/A	ppb
Zirconium	90-1	0.00	-0.01	0.01	0.00	N/A	ppb
Zirconium	91-1	0.03	0.01	-0.03	0.00	N/A	ppb

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 16:49:18	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.76	23.73	21.76	21.42	11.69	ppb
Antimony	121-1	2.23	1.91	1.94	2.03	8.58	ppb
Arsenic	75-2	1.05	1.04	0.96	1.02	4.94	ppb
Barium	135-1	9.46	10.21	9.06	9.57	6.09	ppb
Barium	137-1	9.99	9.97	9.74	9.90	1.43	ppb
Beryllium	9-1	1.01	0.99	0.94	0.98	3.63	ppb
Bismuth	209-1				96		%
Bismuth	209-2				99		%
Boron	11-1	19.50	22.11	24.52	22.04	11.39	ppb
Boron	10-1	20.36	22.06	27.47	23.30	15.93	ppb
Bromine	81-1						cps
Cadmium	106-1	0.40	-3.88	-2.99	-2.16		ppb
Cadmium	108-1	1.24	0.54	1.10	0.96	38.69	ppb
Cadmium	111-1	1.09	0.81	0.61	0.84	28.54	ppb
Calcium	43-1	486.90	480.72	479.74	482.46	0.80	ppb
Calcium	44-1	518.73	497.18	478.27	498.06	4.06	ppb
Chromium	52-2	1.92	2.07	1.85	1.94	5.70	ppb
Cobalt	59-2	0.95	1.04	0.95	0.98	5.23	ppb
Copper	63-2	2.26	2.18	2.04	2.16	5.19	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				100		%
Indium	115-1				97		%
Indium	115-2				99		%
Iron	54-2	46.70	66.24	55.47	56.14	17.43	ppb
Iron	56-2	56.67	57.83	57.74	57.41	1.13	ppb
Iron	57-2	58.46	57.57	56.01	57.35	2.16	ppb
Krypton	83-1						cps
Lead	207-1	1.00	0.84	0.99	0.94	9.49	ppb
Lead	208-1	1.00	0.88	0.87	0.92	7.60	ppb
Lead	206-1	1.11	0.79	0.87	0.92	17.92	ppb

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 16:49:18	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				99		%
Magnesium	24-2	530.77	518.27	540.97	530.00	2.15	ppb
Manganese	55-2	1.01	1.00	0.91	0.97	5.48	ppb
Molybdenum	94-1	4.83	4.74	4.83	4.80	1.09	ppb
Molybdenum	95-1	4.87	4.61	4.88	4.79	3.24	ppb
Molybdenum	96-1	4.99	4.85	4.70	4.85	2.96	ppb
Molybdenum	97-1	4.69	4.81	4.70	4.74	1.46	ppb
Molybdenum	98-1	4.92	4.71	4.74	4.79	2.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.98	0.85	0.81	0.88	10.08	ppb
Phosphorus	31-2	-2.95	-57.66	-37.09	-32.57		ppb
Potassium	39-2	498.72	540.17	543.02	527.31	4.70	ppb
Rhodium	103-1				96		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				99		%
Selenium	77-2	5.70	8.04	1.49	5.08	65.42	ppb
Selenium	78-2	7.00	4.29	7.38	6.22	27.03	ppb
Selenium	82-1	5.65	5.25	3.87	4.92	19.00	ppb
Silicon	28-1	27.61	18.58	12.25	19.48	39.64	ppb
Silver	109-1	1.02	1.03	0.99	1.01	2.05	ppb
Silver	107-1	0.97	1.02	0.99	0.99	2.28	ppb
Sodium	23-2	510.37	533.75	543.31	529.14	3.20	ppb
Strontium	86-1	1.08	0.92	0.71	0.90	20.58	ppb
Strontium	88-1	0.94	0.94	0.99	0.96	2.97	ppb
Sulfur	34-1	2606.97	608.09	-239.68	991.79	147.37	ppb
Terbium	159-1				97		%
Terbium	159-2				99		%
Thallium	203-1	0.95	0.86	0.98	0.93	6.56	ppb
Thallium	205-1	1.00	0.95	0.92	0.96	4.27	ppb
Tin	118-1	4.98	5.02	4.78	4.93	2.54	ppb
Titanium	47-1	4.81	5.09	4.53	4.81	5.87	ppb
Uranium	238-1	0.93	0.91	0.87	0.90	3.57	ppb
Vanadium	51-2	4.94	4.92	4.85	4.90	0.96	ppb
Yttrium	89-1				97		%

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 16:49:18	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				99		%
Zinc	66-2	2.17	2.40	2.12	2.23	6.90	ppb
Zirconium	90-1	1.02	0.96	0.95	0.98	3.48	ppb
Zirconium	91-1	1.03	0.89	0.96	0.96	7.52	ppb

LB Number : LB111459 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 16:52:28 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1101.16	1064.88	1068.40	1078.15	1.86	ppb
Antimony	121-1	51.58	50.91	51.12	51.20	0.67	ppb
Arsenic	75-2	50.23	51.38	50.32	50.64	1.26	ppb
Barium	135-1	254.16	257.23	256.90	256.09	0.66	ppb
Barium	137-1	258.73	254.67	260.87	258.09	1.22	ppb
Beryllium	9-1	50.64	49.52	50.47	50.21	1.20	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	11-1	45.16	48.58	54.38	49.37	9.44	ppb
Boron	10-1	45.33	48.80	55.63	49.92	10.49	ppb
Bromine	81-1						cps
Cadmium	106-1	43.73	53.42	50.87	49.34	10.18	ppb
Cadmium	108-1	47.97	51.01	52.59	50.52	4.64	ppb
Cadmium	111-1	51.11	51.46	50.18	50.92	1.30	ppb
Calcium	43-1	5160.47	5350.92	5347.80	5286.40	2.06	ppb
Calcium	44-1	5216.40	5351.88	5310.54	5292.94	1.31	ppb
Chromium	52-2	51.24	50.98	50.83	51.02	0.40	ppb
Cobalt	59-2	51.71	51.53	50.76	51.33	0.98	ppb
Copper	63-2	527.74	520.78	512.62	520.38	1.45	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				100		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	54-2	2889.78	2811.79	2781.36	2827.64	1.98	ppb
Iron	56-2	2738.07	2759.87	2758.96	2752.30	0.45	ppb
Iron	57-2	2791.53	2726.33	2767.22	2761.69	1.19	ppb
Krypton	83-1						cps
Lead	207-1	237.27	243.61	245.32	242.07	1.75	ppb
Lead	208-1	239.75	244.09	247.12	243.65	1.52	ppb
Lead	206-1	237.09	244.53	246.02	242.55	1.97	ppb

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 16:52:28	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				101		%
Magnesium	24-2	5757.05	5557.57	5623.22	5645.95	1.80	ppb
Manganese	55-2	519.59	513.08	509.21	513.96	1.02	ppb
Molybdenum	94-1	251.76	254.31	263.19	256.42	2.34	ppb
Molybdenum	95-1	254.51	256.69	257.73	256.31	0.64	ppb
Molybdenum	96-1	253.99	258.97	257.15	256.71	0.98	ppb
Molybdenum	97-1	252.10	253.01	255.61	253.57	0.72	ppb
Molybdenum	98-1	255.70	252.95	257.00	255.22	0.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.22	52.11	51.12	51.82	1.17	ppb
Phosphorus	31-2	1064.45	1020.09	755.02	946.52	17.68	ppb
Potassium	39-2	2796.41	2783.87	2733.19	2771.16	1.21	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				100		%
Selenium	77-2	48.78	27.03	51.21	42.34	31.44	ppb
Selenium	78-2	52.05	50.65	55.66	52.79	4.90	ppb
Selenium	82-1	49.79	48.43	50.85	49.69	2.44	ppb
Silicon	28-1	44.60	59.00	63.33	55.64	17.62	ppb
Silver	109-1	52.28	50.61	52.16	51.68	1.80	ppb
Silver	107-1	50.37	51.26	50.70	50.78	0.88	ppb
Sodium	23-2	5687.89	5526.77	5535.53	5583.40	1.62	ppb
Strontium	86-1	51.10	50.85	52.07	51.34	1.26	ppb
Strontium	88-1	51.09	51.25	52.09	51.48	1.05	ppb
Sulfur	34-1	837.08	1892.89	1748.94	1492.97	38.35	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	48.29	48.61	49.82	48.91	1.65	ppb
Thallium	205-1	48.41	48.64	50.37	49.14	2.18	ppb
Tin	118-1	51.00	51.95	50.60	51.18	1.35	ppb
Titanium	47-1	253.45	257.46	257.34	256.08	0.89	ppb
Uranium	238-1	47.33	48.39	49.08	48.26	1.83	ppb
Vanadium	51-2	51.03	49.96	50.27	50.42	1.10	ppb
Yttrium	89-1				98		%

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 16:52:28	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	535.46	521.72	513.63	523.60	2.11	ppb
Zirconium	90-1	51.02	50.65	50.84	50.84	0.37	ppb
Zirconium	91-1	50.28	50.49	50.83	50.54	0.55	ppb

LB Number : LB111459 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 16:55:35 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2810.78	2907.03	2648.67	2788.83	4.68	ppb
Antimony	121-1	127.49	127.54	127.51	127.51	0.02	ppb
Arsenic	75-2	130.75	134.87	123.60	129.74	4.39	ppb
Barium	135-1	644.07	643.07	637.65	641.60	0.54	ppb
Barium	137-1	642.20	636.19	645.33	641.24	0.72	ppb
Beryllium	9-1	123.62	128.75	126.25	126.21	2.04	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	11-1	109.00	126.60	132.51	122.71	9.97	ppb
Boron	10-1	111.78	126.00	134.76	124.18	9.34	ppb
Bromine	81-1						cps
Cadmium	106-1	119.48	119.40	127.76	122.21	3.93	ppb
Cadmium	108-1	126.54	125.23	125.00	125.59	0.66	ppb
Cadmium	111-1	125.05	125.77	126.71	125.84	0.66	ppb
Calcium	43-1	12917.26	12878.22	12932.31	12909.26	0.22	ppb
Calcium	44-1	13147.41	12827.18	13053.15	13009.25	1.27	ppb
Chromium	52-2	130.58	136.95	125.34	130.96	4.44	ppb
Cobalt	59-2	133.74	136.82	126.76	132.44	3.89	ppb
Copper	63-2	1315.53	1378.10	1257.82	1317.15	4.57	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				98		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	54-2	7336.46	7554.67	6957.94	7283.02	4.15	ppb
Iron	56-2	7046.44	7295.74	6600.91	6981.03	5.04	ppb
Iron	57-2	7163.50	7323.11	6720.59	7069.07	4.42	ppb
Krypton	83-1						cps
Lead	207-1	605.96	607.91	615.10	609.66	0.79	ppb
Lead	208-1	619.14	614.33	624.12	619.20	0.79	ppb
Lead	206-1	620.39	602.91	621.60	614.97	1.70	ppb

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 16:55:35	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	14606.60	15018.75	13805.43	14476.93	4.26	ppb
Manganese	55-2	1316.32	1374.28	1272.99	1321.20	3.85	ppb
Molybdenum	94-1	643.70	628.68	647.17	639.85	1.54	ppb
Molybdenum	95-1	638.01	634.62	644.13	638.92	0.75	ppb
Molybdenum	96-1	641.37	631.50	644.78	639.21	1.08	ppb
Molybdenum	97-1	634.26	622.84	642.21	633.10	1.54	ppb
Molybdenum	98-1	639.11	617.16	655.98	637.42	3.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	134.44	140.15	128.62	134.40	4.29	ppb
Phosphorus	31-2	2534.36	2756.88	2632.03	2641.09	4.22	ppb
Potassium	39-2	7128.31	7517.59	6852.00	7165.97	4.67	ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	77-2	123.18	145.22	119.59	129.33	10.73	ppb
Selenium	78-2	138.41	136.85	133.77	136.35	1.73	ppb
Selenium	82-1	128.73	125.90	128.22	127.62	1.18	ppb
Silicon	28-1	108.23	123.18	136.82	122.74	11.65	ppb
Silver	109-1	129.79	128.68	128.48	128.98	0.55	ppb
Silver	107-1	128.75	126.06	129.84	128.22	1.52	ppb
Sodium	23-2	14312.15	14850.60	13350.86	14171.20	5.36	ppb
Strontium	86-1	124.65	124.24	124.69	124.52	0.20	ppb
Strontium	88-1	130.09	128.32	130.94	129.78	1.03	ppb
Sulfur	34-1	1594.40	1702.49	1555.78	1617.56	4.70	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	123.24	122.84	121.63	122.57	0.68	ppb
Thallium	205-1	128.45	123.65	124.88	125.66	1.98	ppb
Tin	118-1	127.27	126.25	128.34	127.29	0.82	ppb
Titanium	47-1	625.72	627.42	629.44	627.53	0.30	ppb
Uranium	238-1	121.28	121.98	122.05	121.77	0.35	ppb
Vanadium	51-2	130.60	134.93	125.22	130.25	3.74	ppb
Yttrium	89-1				99		%

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 16:55:35	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				97		%
Zinc	66-2	1327.63	1379.18	1276.52	1327.78	3.87	ppb
Zirconium	90-1	129.38	125.67	129.49	128.18	1.70	ppb
Zirconium	91-1	124.01	121.25	127.73	124.33	2.62	ppb

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 16:58:39	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5412.69	5386.33	5253.25	5350.76	1.60	ppb
Antimony	121-1	254.53	253.60	250.94	253.02	0.74	ppb
Arsenic	75-2	250.55	255.55	247.82	251.31	1.56	ppb
Barium	135-1	1284.77	1274.93	1266.83	1275.51	0.70	ppb
Barium	137-1	1296.41	1288.96	1267.38	1284.25	1.17	ppb
Beryllium	9-1	249.54	247.88	247.69	248.37	0.41	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	11-1	218.23	247.58	262.62	242.81	9.30	ppb
Boron	10-1	222.40	242.31	268.04	244.25	9.37	ppb
Bromine	81-1						cps
Cadmium	106-1	249.87	248.95	245.29	248.03	0.98	ppb
Cadmium	108-1	254.38	254.65	252.40	253.81	0.48	ppb
Cadmium	111-1	259.63	249.69	249.03	252.78	2.35	ppb
Calcium	43-1	25688.34	25164.44	25674.06	25508.95	1.17	ppb
Calcium	44-1	25738.29	25449.97	25570.42	25586.22	0.57	ppb
Chromium	52-2	255.97	257.27	251.90	255.05	1.10	ppb
Cobalt	59-2	255.91	257.88	251.95	255.25	1.18	ppb
Copper	63-2	2610.33	2642.33	2571.47	2608.04	1.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	54-2	14031.59	14133.17	13660.81	13941.86	1.78	ppb
Iron	56-2	13593.91	13614.98	13223.84	13477.58	1.63	ppb
Iron	57-2	13925.76	13875.88	13623.91	13808.52	1.17	ppb
Krypton	83-1						cps
Lead	207-1	1261.73	1224.85	1209.38	1231.98	2.18	ppb
Lead	208-1	1258.44	1228.48	1230.32	1239.08	1.36	ppb
Lead	206-1	1236.35	1225.99	1230.04	1230.80	0.42	ppb

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 16:58:39	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	27982.41	28238.38	27929.69	28050.16	0.59	ppb
Manganese	55-2	2582.39	2598.09	2533.97	2571.48	1.30	ppb
Molybdenum	94-1	1249.98	1236.69	1198.28	1228.31	2.19	ppb
Molybdenum	95-1	1244.71	1234.95	1223.96	1234.54	0.84	ppb
Molybdenum	96-1	1254.40	1233.00	1218.23	1235.21	1.47	ppb
Molybdenum	97-1	1244.57	1252.71	1210.17	1235.82	1.83	ppb
Molybdenum	98-1	1265.75	1233.87	1204.05	1234.56	2.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	258.30	262.51	251.83	257.54	2.09	ppb
Phosphorus	31-2	5662.97	4929.81	4993.92	5195.57	7.82	ppb
Potassium	39-2	13966.03	14004.06	13641.56	13870.55	1.44	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	77-2	288.54	237.65	268.88	265.03	9.68	ppb
Selenium	78-2	263.42	260.82	253.53	259.26	1.98	ppb
Selenium	82-1	244.89	243.85	238.56	242.43	1.40	ppb
Silicon	28-1	217.25	252.50	261.60	243.78	9.61	ppb
Silver	109-1	256.85	256.25	253.48	255.53	0.70	ppb
Silver	107-1	257.20	253.99	250.87	254.02	1.25	ppb
Sodium	23-2	27255.90	27932.55	26954.82	27381.09	1.83	ppb
Strontium	86-1	249.70	253.19	244.32	249.07	1.79	ppb
Strontium	88-1	250.59	252.86	245.74	249.73	1.46	ppb
Sulfur	34-1	4014.30	3278.78	3700.70	3664.59	10.07	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	247.11	237.37	240.34	241.61	2.07	ppb
Thallium	205-1	250.95	243.85	250.34	248.38	1.58	ppb
Tin	118-1	254.38	249.27	252.40	252.02	1.02	ppb
Titanium	47-1	1251.96	1233.56	1238.55	1241.36	0.77	ppb
Uranium	238-1	245.95	242.20	246.41	244.85	0.94	ppb
Vanadium	51-2	258.21	258.55	251.63	256.13	1.52	ppb
Yttrium	89-1				100		%

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 16:58:39	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	2588.62	2631.03	2545.74	2588.46	1.65	ppb
Zirconium	90-1	253.82	256.15	247.39	252.45	1.80	ppb
Zirconium	91-1	246.70	245.38	239.94	244.01	1.47	ppb

LB Number : LB111459 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 17:01:38 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10536.67	10538.01	10637.06	10570.58	0.54	ppb
Antimony	121-1	501.47	517.52	486.74	501.91	3.07	ppb
Arsenic	75-2	506.49	494.91	498.29	499.89	1.19	ppb
Barium	135-1	2536.11	2634.96	2439.26	2536.78	3.86	ppb
Barium	137-1	2520.47	2620.40	2456.34	2532.40	3.26	ppb
Beryllium	9-1	490.92	504.56	498.52	498.00	1.37	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	11-1	434.02	496.99	532.14	487.72	10.19	ppb
Boron	10-1	435.66	497.81	533.97	489.15	10.17	ppb
Bromine	81-1						cps
Cadmium	106-1	510.09	512.64	501.57	508.10	1.14	ppb
Cadmium	108-1	487.63	524.44	498.36	503.48	3.76	ppb
Cadmium	111-1	507.20	523.13	493.37	507.90	2.93	ppb
Calcium	43-1	52426.86	52789.37	50748.70	51988.31	2.09	ppb
Calcium	44-1	52129.78	52666.69	50574.87	51790.45	2.10	ppb
Chromium	52-2	503.73	505.55	505.76	505.01	0.22	ppb
Cobalt	59-2	508.25	504.13	506.70	506.36	0.41	ppb
Copper	63-2	5120.93	5052.67	5052.60	5075.40	0.78	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				101		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	54-2	27713.27	27515.87	27521.05	27583.40	0.41	ppb
Iron	56-2	27093.58	26829.65	26753.31	26892.18	0.66	ppb
Iron	57-2	27413.50	27056.80	27258.60	27242.97	0.66	ppb
Krypton	83-1						cps
Lead	207-1	2538.60	2556.31	2432.58	2509.16	2.67	ppb
Lead	208-1	2522.35	2547.34	2425.34	2498.34	2.58	ppb
Lead	206-1	2511.85	2567.54	2436.68	2505.36	2.62	ppb

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:01:38	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	54585.70	53467.82	55197.02	54416.84	1.61	ppb
Manganese	55-2	5074.69	5031.92	5069.84	5058.82	0.46	ppb
Molybdenum	94-1	2434.54	2613.88	2469.18	2505.86	3.80	ppb
Molybdenum	95-1	2415.89	2638.59	2464.29	2506.26	4.67	ppb
Molybdenum	96-1	2435.76	2602.55	2461.24	2499.85	3.59	ppb
Molybdenum	97-1	2490.69	2628.99	2485.24	2534.97	3.21	ppb
Molybdenum	98-1	2422.41	2551.57	2471.16	2481.71	2.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	511.81	503.58	511.02	508.80	0.89	ppb
Phosphorus	31-2	9983.57	9979.55	10005.08	9989.40	0.14	ppb
Potassium	39-2	27073.68	27069.82	28034.55	27392.68	2.03	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				100		%
Selenium	77-2	506.35	531.54	509.69	515.86	2.65	ppb
Selenium	78-2	513.54	497.30	515.52	508.79	1.97	ppb
Selenium	82-1	493.42	514.91	499.31	502.55	2.21	ppb
Silicon	28-1	487.13	533.16	557.04	525.78	6.76	ppb
Silver	109-1	499.06	510.73	480.80	496.87	3.04	ppb
Silver	107-1	502.84	525.47	491.39	506.57	3.42	ppb
Sodium	23-2	54407.32	52985.85	53599.17	53664.11	1.33	ppb
Strontium	86-1	504.65	509.81	498.82	504.43	1.09	ppb
Strontium	88-1	503.87	508.46	497.52	503.28	1.09	ppb
Sulfur	34-1	10718.99	10215.34	8774.85	9903.06	10.19	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	496.06	515.21	487.12	499.47	2.87	ppb
Thallium	205-1	503.57	505.93	489.07	499.52	1.83	ppb
Tin	118-1	509.71	525.36	494.85	509.97	2.99	ppb
Titanium	47-1	2572.48	2542.19	2477.73	2530.80	1.91	ppb
Uranium	238-1	497.91	509.32	480.74	495.99	2.90	ppb
Vanadium	51-2	508.59	499.60	504.60	504.26	0.89	ppb
Yttrium	89-1				98		%

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:01:38	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	5116.05	5065.63	5071.45	5084.38	0.54	ppb
Zirconium	90-1	500.26	511.21	500.26	503.91	1.25	ppb
Zirconium	91-1	480.54	508.21	486.90	491.88	2.95	ppb

LB Number : LB111459 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 17:04:38 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20868.14	21034.35	20568.48	20823.66	1.13	ppb
Antimony	121-1	983.22	989.58	1020.95	997.91	2.02	ppb
Arsenic	75-2	994.90	1005.10	997.30	999.10	0.53	ppb
Barium	135-1	4918.60	4916.77	5083.20	4972.86	1.92	ppb
Barium	137-1	5000.89	4901.78	5015.73	4972.80	1.25	ppb
Beryllium	9-1	994.85	1014.39	994.50	1001.25	1.14	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Boron	11-1	917.97	1036.02	1071.00	1008.33	7.95	ppb
Boron	10-1	920.99	1034.39	1065.66	1007.01	7.56	ppb
Bromine	81-1						cps
Cadmium	106-1	1004.53	982.75	1003.21	996.83	1.23	ppb
Cadmium	108-1	982.97	1011.55	997.10	997.21	1.43	ppb
Cadmium	111-1	989.10	991.57	1004.94	995.20	0.86	ppb
Calcium	43-1	103132.50	106523.16	105080.12	104911.93	1.62	ppb
Calcium	44-1	102394.06	104540.25	104000.59	103644.97	1.08	ppb
Chromium	52-2	996.90	1005.45	983.96	995.44	1.09	ppb
Cobalt	59-2	1004.71	1011.51	967.32	994.51	2.39	ppb
Copper	63-2	9933.29	10024.03	9820.31	9925.88	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				100		%
Iron	54-2	54562.90	56151.85	53997.71	54904.15	2.03	ppb
Iron	56-2	53321.79	53943.22	52230.09	53165.03	1.63	ppb
Iron	57-2	53890.74	53925.44	52666.46	53494.21	1.34	ppb
Krypton	83-1						cps
Lead	207-1	5076.25	4962.83	4967.63	5002.24	1.28	ppb
Lead	208-1	5042.99	4974.71	4996.10	5004.60	0.70	ppb
Lead	206-1	5010.78	4977.04	5023.43	5003.75	0.48	ppb

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:04:38	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				99		%
Magnesium	24-2	105542.88	105786.17	103888.83	105072.62	0.98	ppb
Manganese	55-2	9983.83	10155.18	9690.36	9943.12	2.36	ppb
Molybdenum	94-1	4934.11	5149.21	4917.61	5000.31	2.58	ppb
Molybdenum	95-1	4928.21	5139.53	4928.30	4998.68	2.44	ppb
Molybdenum	96-1	4911.30	5115.04	4978.64	5001.66	2.08	ppb
Molybdenum	97-1	4942.66	5119.39	4892.55	4984.87	2.39	ppb
Molybdenum	98-1	5006.16	5084.95	4942.46	5011.19	1.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	989.82	1010.96	976.56	992.45	1.75	ppb
Phosphorus	31-2	20281.82	19728.10	19814.42	19941.45	1.49	ppb
Potassium	39-2	52324.56	53789.94	52454.66	52856.39	1.53	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				102		%
Selenium	77-2	938.65	965.17	1060.65	988.15	6.49	ppb
Selenium	78-2	995.38	998.58	981.23	991.73	0.93	ppb
Selenium	82-1	988.23	1019.10	993.60	1000.31	1.65	ppb
Silicon	28-1	902.74	1014.58	1048.39	988.57	7.71	ppb
Silver	109-1	987.98	992.76	1018.07	999.60	1.62	ppb
Silver	107-1	989.34	983.34	1013.14	995.27	1.58	ppb
Sodium	23-2	107479.77	104436.31	105741.77	105885.95	1.44	ppb
Strontium	86-1	994.59	1008.24	991.21	998.01	0.90	ppb
Strontium	88-1	991.95	1004.12	997.20	997.75	0.61	ppb
Sulfur	34-1	19580.70	21535.22	20288.01	20467.98	4.83	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	999.89	999.78	1008.51	1002.72	0.50	ppb
Thallium	205-1	998.44	996.94	1006.43	1000.61	0.51	ppb
Tin	118-1	981.99	987.61	1012.89	994.16	1.66	ppb
Titanium	47-1	4883.24	4981.50	5093.68	4986.14	2.11	ppb
Uranium	238-1	1011.94	1002.73	996.68	1003.78	0.77	ppb
Vanadium	51-2	1005.36	1001.33	980.29	995.66	1.35	ppb
Yttrium	89-1				100		%

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:04:38	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	9848.75	10071.41	9854.23	9924.79	1.28	ppb
Zirconium	90-1	990.73	1001.75	998.50	996.99	0.57	ppb
Zirconium	91-1	986.30	1020.91	1009.64	1005.62	1.76	ppb

LB Number : LB111459 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P8
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 17:07:37 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98982.07	98060.99	102214.95	99752.67	2.19	ppb
Antimony	121-1	0.61	0.61	0.61	0.61	0.77	ppb
Arsenic	75-2	0.13	0.16	0.23	0.18	29.56	ppb
Barium	135-1	8.22	9.00	8.35	8.52	4.92	ppb
Barium	137-1	8.59	9.31	8.42	8.78	5.37	ppb
Beryllium	9-1	0.10	0.12	0.12	0.11	7.29	ppb
Bismuth	209-1				95		%
Bismuth	209-2				97		%
Boron	11-1	162.22	146.67	133.15	147.35	9.87	ppb
Boron	10-1	160.80	145.30	135.51	147.20	8.66	ppb
Bromine	81-1						cps
Cadmium	106-1	-0.90	-3.33	-2.95	-2.39		ppb
Cadmium	108-1	0.50	0.67	0.34	0.50	33.03	ppb
Cadmium	111-1	0.05	-0.18	-0.03	-0.06		ppb
Calcium	43-1	488300.23	508305.24	499735.30	498780.26	2.01	ppb
Calcium	44-1	494192.47	505265.88	497682.62	499046.99	1.13	ppb
Chromium	52-2	2.17	2.03	2.29	2.17	5.85	ppb
Cobalt	59-2	1.48	1.34	1.50	1.44	5.93	ppb
Copper	63-2	3.04	3.01	2.82	2.96	4.03	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				102		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	54-2	250501.14	243515.69	251962.07	248659.63	1.82	ppb
Iron	56-2	251767.38	241570.19	253986.72	249108.10	2.66	ppb
Iron	57-2	252118.10	242068.16	252778.76	248988.34	2.41	ppb
Krypton	83-1						cps
Lead	207-1	0.92	1.03	0.92	0.96	6.67	ppb
Lead	208-1	1.02	1.04	1.01	1.02	1.86	ppb
Lead	206-1	1.00	1.06	1.05	1.03	2.86	ppb

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:07:37	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				98		%
Magnesium	24-2	503705.10	484787.17	506513.84	498335.37	2.37	ppb
Manganese	55-2	6.66	6.30	6.83	6.60	4.14	ppb
Molybdenum	94-1	1.51	1.36	1.52	1.46	6.05	ppb
Molybdenum	95-1	1.79	1.47	1.68	1.65	10.06	ppb
Molybdenum	96-1	1.90	1.76	1.69	1.78	5.93	ppb
Molybdenum	97-1	1.61	1.47	1.49	1.52	5.07	ppb
Molybdenum	98-1	1.74	1.47	1.54	1.58	8.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.57	1.43	1.73	1.58	9.43	ppb
Phosphorus	31-2	15.26	34.09	-54.85	-1.83		ppb
Potassium	39-2	249291.81	245696.55	252297.42	249095.26	1.33	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				103		%
Selenium	77-2	-0.74	-2.86	-0.74	-1.45		ppb
Selenium	78-2	0.59	0.69	3.26	1.52	99.85	ppb
Selenium	82-1	1.28	1.34	1.29	1.30	2.45	ppb
Silicon	28-1	137.08	168.49	167.65	157.74	11.35	ppb
Silver	109-1	0.45	0.45	0.49	0.46	4.35	ppb
Silver	107-1	0.42	0.47	0.38	0.42	11.31	ppb
Sodium	23-2	503226.23	486285.66	505357.21	498289.70	2.10	ppb
Strontium	86-1	5.36	5.00	5.15	5.17	3.55	ppb
Strontium	88-1	5.14	5.29	5.26	5.23	1.49	ppb
Sulfur	34-1	-5837.27	-4730.50	-5036.42	-5201.40		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.17	0.15	0.15	0.16	9.27	ppb
Thallium	205-1	0.21	0.11	0.10	0.14	46.87	ppb
Tin	118-1	0.23	0.25	0.19	0.22	13.74	ppb
Titanium	47-1	0.41	0.40	0.39	0.40	2.27	ppb
Uranium	238-1	0.05	0.07	0.06	0.06	17.15	ppb
Vanadium	51-2	0.10	0.11	0.15	0.12	24.55	ppb
Yttrium	89-1				101		%

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:07:37	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	22.06	21.18	21.43	21.55	2.10	ppb
Zirconium	90-1	0.26	0.25	0.28	0.27	6.06	ppb
Zirconium	91-1	0.21	0.24	0.26	0.24	11.12	ppb

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:17:02	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	529.10	524.64	544.38	532.70	1.94	ppb
Antimony	121-1	216.18	214.16	197.55	209.30	4.88	ppb
Arsenic	75-2	202.62	210.33	208.33	207.09	1.93	ppb
Barium	135-1	111.44	108.82	103.45	107.90	3.77	ppb
Barium	137-1	111.50	110.04	103.87	108.47	3.73	ppb
Beryllium	9-1	102.72	104.86	98.62	102.07	3.10	ppb
Bismuth	209-1				94		%
Bismuth	209-2				99		%
Boron	11-1	425.75	499.47	520.47	481.89	10.32	ppb
Boron	10-1	425.79	498.49	519.33	481.20	10.21	ppb
Bromine	81-1						cps
Cadmium	106-1	162.39	160.31	155.71	159.47	2.14	ppb
Cadmium	108-1	149.53	143.56	134.25	142.45	5.41	ppb
Cadmium	111-1	112.25	112.56	105.10	109.97	3.84	ppb
Calcium	43-1	2279.53	2336.10	2155.59	2257.07	4.09	ppb
Calcium	44-1	2228.59	2249.71	2071.91	2183.40	4.45	ppb
Chromium	52-2	100.67	102.36	103.53	102.18	1.41	ppb
Cobalt	59-2	101.94	104.75	102.84	103.18	1.39	ppb
Copper	63-2	105.65	108.20	108.30	107.39	1.40	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				98		%
Holmium	165-2				100		%
Indium	115-1				96		%
Indium	115-2				100		%
Iron	54-2	2206.51	2253.02	2293.64	2251.06	1.94	ppb
Iron	56-2	2099.40	2179.56	2148.01	2142.33	1.88	ppb
Iron	57-2	2174.07	2175.12	2139.17	2162.79	0.95	ppb
Krypton	83-1						cps
Lead	207-1	215.40	214.00	201.80	210.40	3.56	ppb
Lead	208-1	222.50	221.45	208.33	217.43	3.63	ppb
Lead	206-1	228.79	229.72	214.36	224.29	3.84	ppb

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:17:02	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				96		%
Magnesium	24-2	1288.53	1274.76	1312.11	1291.80	1.46	ppb
Manganese	55-2	114.52	115.43	116.07	115.34	0.68	ppb
Molybdenum	94-1	2637.76	2777.14	2510.30	2641.73	5.05	ppb
Molybdenum	95-1	2653.12	2805.01	2581.70	2679.94	4.26	ppb
Molybdenum	96-1	2684.67	2820.70	2561.72	2689.03	4.82	ppb
Molybdenum	97-1	2734.73	2788.79	2519.41	2680.98	5.32	ppb
Molybdenum	98-1	2676.78	2746.46	2510.35	2644.53	4.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	102.82	104.05	105.20	104.02	1.14	ppb
Phosphorus	31-2	-23.97	-14.13	-1.43	-13.17		ppb
Potassium	39-2	2107.68	2108.41	2125.04	2113.71	0.46	ppb
Rhodium	103-1				96		%
Rhodium	103-2				100		%
Scandium	45-1				96		%
Scandium	45-2				101		%
Selenium	77-2	233.79	240.03	226.84	233.55	2.82	ppb
Selenium	78-2	204.27	220.61	213.97	212.95	3.86	ppb
Selenium	82-1	208.48	220.92	197.53	208.97	5.60	ppb
Silicon	28-1	271.35	281.86	238.80	264.00	8.50	ppb
Silver	109-1	53.18	52.79	49.73	51.90	3.64	ppb
Silver	107-1	53.44	52.98	48.89	51.77	4.84	ppb
Sodium	23-2	2203.96	2199.07	2246.46	2216.50	1.18	ppb
Strontium	86-1	509.19	517.16	470.71	499.02	4.98	ppb
Strontium	88-1	505.48	518.22	480.68	501.46	3.81	ppb
Sulfur	34-1	-1090.40	-472.05	-5527.27	-2363.24		ppb
Terbium	159-1				97		%
Terbium	159-2				99		%
Thallium	203-1	228.22	218.79	213.10	220.04	3.47	ppb
Thallium	205-1	227.71	224.10	208.57	220.13	4.62	ppb
Tin	118-1	528.97	530.55	494.13	517.88	3.97	ppb
Titanium	47-1	2707.21	2730.40	2505.87	2647.83	4.66	ppb
Uranium	238-1	536.42	525.04	497.80	519.76	3.82	ppb
Vanadium	51-2	105.50	106.79	106.61	106.30	0.66	ppb
Yttrium	89-1				96		%

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:17:02	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	206.66	211.34	208.99	209.00	1.12	ppb
Zirconium	90-1	510.44	524.17	482.17	505.59	4.24	ppb
Zirconium	91-1	497.54	523.44	467.82	496.27	5.61	ppb

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:41:17	DataFile Name :	016LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28.00	25.11	24.93	26.01	6.63	ppb
Antimony	121-1	2.21	2.05	2.08	2.11	4.20	ppb
Arsenic	75-2	0.78	0.87	0.74	0.80	8.17	ppb
Barium	135-1	10.71	10.22	10.56	10.50	2.38	ppb
Barium	137-1	9.99	9.77	10.24	10.00	2.36	ppb
Beryllium	9-1	0.84	0.82	0.79	0.82	2.78	ppb
Bismuth	209-1				96		%
Bismuth	209-2				98		%
Boron	11-1	27.58	30.59	31.71	29.96	7.13	ppb
Boron	10-1	25.88	30.84	33.74	30.15	13.17	ppb
Bromine	81-1						cps
Cadmium	106-1	-4.24	2.83	-2.07	-1.16		ppb
Cadmium	108-1	0.53	1.31	0.79	0.88	45.02	ppb
Cadmium	111-1	0.91	1.47	1.06	1.15	25.18	ppb
Calcium	43-1	520.04	515.20	523.75	519.66	0.82	ppb
Calcium	44-1	517.16	524.81	527.38	523.12	1.02	ppb
Chromium	52-2	2.15	2.02	2.04	2.07	3.35	ppb
Cobalt	59-2	0.85	0.84	0.88	0.86	2.67	ppb
Copper	63-2	2.60	2.67	2.32	2.53	7.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	54-2	60.41	62.05	58.55	60.34	2.90	ppb
Iron	56-2	58.85	57.88	54.27	57.00	4.23	ppb
Iron	57-2	59.23	53.13	52.12	54.83	7.02	ppb
Krypton	83-1						cps
Lead	207-1	0.97	0.94	1.03	0.98	5.13	ppb
Lead	208-1	0.90	0.91	0.99	0.93	5.10	ppb
Lead	206-1	0.87	0.94	0.97	0.92	5.59	ppb

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:41:17	DataFile Name :	016LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				98		%
Magnesium	24-2	599.28	580.03	570.80	583.37	2.49	ppb
Manganese	55-2	1.13	1.11	1.07	1.10	2.82	ppb
Molybdenum	94-1	4.94	5.67	5.13	5.25	7.25	ppb
Molybdenum	95-1	4.97	5.46	5.36	5.26	4.99	ppb
Molybdenum	96-1	5.33	5.33	4.91	5.19	4.65	ppb
Molybdenum	97-1	4.77	5.18	5.83	5.26	10.21	ppb
Molybdenum	98-1	5.20	5.28	5.35	5.28	1.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.89	0.93	0.93	0.92	2.27	ppb
Phosphorus	31-2	-17.24	-49.60	-47.30	-38.05		ppb
Potassium	39-2	560.56	559.34	526.63	548.84	3.51	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				99		%
Selenium	77-2	-0.63	10.52	-0.73	3.05	211.72	ppb
Selenium	78-2	9.98	6.14	6.37	7.49	28.72	ppb
Selenium	82-1	5.81	6.63	4.77	5.74	16.23	ppb
Silicon	28-1	24.04	26.68	19.41	23.37	15.75	ppb
Silver	109-1	1.07	0.94	1.10	1.04	8.29	ppb
Silver	107-1	0.96	0.94	1.15	1.02	11.34	ppb
Sodium	23-2	599.00	607.62	594.48	600.37	1.11	ppb
Strontium	86-1	0.81	0.96	0.82	0.86	9.99	ppb
Strontium	88-1	0.93	0.99	1.01	0.98	4.12	ppb
Sulfur	34-1	-2303.88	-1976.03	-2744.44	-2341.45		ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	0.88	0.78	0.83	0.83	5.87	ppb
Thallium	205-1	0.88	0.78	0.83	0.83	6.17	ppb
Tin	118-1	5.12	5.02	5.47	5.20	4.49	ppb
Titanium	47-1	4.21	5.12	5.42	4.92	12.79	ppb
Uranium	238-1	0.88	0.89	0.91	0.90	1.73	ppb
Vanadium	51-2	5.43	5.64	4.95	5.34	6.70	ppb
Yttrium	89-1				95		%

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:41:17	DataFile Name :	016LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				97		%
Zinc	66-2	2.42	2.25	2.09	2.25	7.33	ppb
Zirconium	90-1	1.01	1.05	1.02	1.03	1.72	ppb
Zirconium	91-1	1.03	1.06	1.13	1.08	5.07	ppb

LB Number : LB111459 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 17:44:07 DataFile Name : 017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.94	2.30	1.66	1.63	41.50	ppb
Antimony	121-1	0.00	-0.01	0.01	0.00	404.59	ppb
Arsenic	75-2	-0.27	-0.25	-0.25	-0.26		ppb
Barium	135-1	-0.06	-0.07	-0.02	-0.05		ppb
Barium	137-1	-0.03	-0.06	-0.07	-0.06		ppb
Beryllium	9-1	-0.22	-0.23	-0.24	-0.23		ppb
Bismuth	209-1				96		%
Bismuth	209-2				97		%
Boron	11-1	10.10	9.13	9.30	9.51	5.43	ppb
Boron	10-1	10.22	8.61	9.50	9.44	8.50	ppb
Bromine	81-1						cps
Cadmium	106-1	-4.85	-3.43	-1.69	-3.33		ppb
Cadmium	108-1	-0.34	0.23	-0.34	-0.15		ppb
Cadmium	111-1	-0.60	-0.57	-0.40	-0.52		ppb
Calcium	43-1	-5.95	-5.30	-3.56	-4.94		ppb
Calcium	44-1	-4.46	-3.96	-7.47	-5.30		ppb
Chromium	52-2	0.06	-0.05	-0.10	-0.03		ppb
Cobalt	59-2	-0.20	-0.19	-0.17	-0.19		ppb
Copper	63-2	-0.09	-0.09	-0.01	-0.06		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				97		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	54-2	1.22	-1.08	-1.10	-0.32		ppb
Iron	56-2	0.32	0.55	0.21	0.36	47.69	ppb
Iron	57-2	-2.18	1.07	-1.51	-0.87		ppb
Krypton	83-1						cps
Lead	207-1	0.06	-0.08	0.00	0.00		ppb
Lead	208-1	-0.02	-0.05	-0.05	-0.04		ppb
Lead	206-1	-0.03	-0.02	-0.08	-0.04		ppb

LB Number : LB111459 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 17:44:07 DataFile Name : 017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				99		%
Magnesium	24-2	-0.11	1.44	-0.52	0.27	380.30	ppb
Manganese	55-2	-0.02	0.05	0.03	0.02	168.95	ppb
Molybdenum	94-1	0.06	0.04	-0.01	0.03	132.37	ppb
Molybdenum	95-1	0.03	0.04	0.08	0.05	49.66	ppb
Molybdenum	96-1	0.06	0.04	0.04	0.05	24.94	ppb
Molybdenum	97-1	-0.01	-0.02	-0.01	-0.01		ppb
Molybdenum	98-1	0.03	0.02	0.00	0.02	89.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.18	-0.23	-0.18	-0.20		ppb
Phosphorus	31-2	10.76	2.18	-44.74	-10.60		ppb
Potassium	39-2	-6.90	-19.38	-11.64	-12.64		ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				96		%
Scandium	45-2				98		%
Selenium	77-2	-0.63	-2.86	3.67	0.06	5604.03	ppb
Selenium	78-2	0.53	3.46	1.55	1.84	80.52	ppb
Selenium	82-1	1.04	-0.63	0.04	0.15	553.63	ppb
Silicon	28-1	21.08	24.10	25.15	23.44	9.00	ppb
Silver	109-1	-0.02	-0.03	-0.02	-0.02		ppb
Silver	107-1	-0.02	-0.02	-0.02	-0.02		ppb
Sodium	23-2	20.91	12.73	19.67	17.77	24.83	ppb
Strontium	86-1	-0.18	-0.12	-0.08	-0.13		ppb
Strontium	88-1	-0.08	-0.08	-0.08	-0.08		ppb
Sulfur	34-1	-1432.95	-1335.98	-2278.11	-1682.34		ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	-0.20	-0.17	-0.20	-0.19		ppb
Thallium	205-1	-0.15	-0.20	-0.22	-0.19		ppb
Tin	118-1	0.01	-0.07	-0.04	-0.03		ppb
Titanium	47-1	-0.07	0.24	0.04	0.07	225.58	ppb
Uranium	238-1	-0.06	-0.06	-0.05	-0.06		ppb
Vanadium	51-2	-0.07	-0.09	-0.09	-0.09		ppb
Yttrium	89-1				96		%

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:44:07	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				97		%
Zinc	66-2	-0.18	-0.11	-0.28	-0.19		ppb
Zirconium	90-1	-0.01	0.00	-0.01	-0.01		ppb
Zirconium	91-1	0.02	0.02	0.05	0.03	55.22	ppb

LB Number : LB111459 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 17:46:59 DataFile Name : 018ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	107212.03	106418.04	105161.07	106263.71	0.97	ppb
Antimony	121-1	1.20	1.14	1.23	1.19	3.45	ppb
Arsenic	75-2	0.08	0.15	0.05	0.10	55.66	ppb
Barium	135-1	1.14	1.39	1.35	1.30	10.29	ppb
Barium	137-1	1.28	1.65	1.29	1.41	15.05	ppb
Beryllium	9-1	0.06	0.03	0.03	0.04	41.33	ppb
Bismuth	209-1				94		%
Bismuth	209-2				95		%
Boron	11-1	9.21	8.80	8.30	8.77	5.18	ppb
Boron	10-1	8.63	8.69	8.18	8.50	3.32	ppb
Bromine	81-1						cps
Cadmium	106-1	-5.78	-4.67	-6.11	-5.52		ppb
Cadmium	108-1	10.65	12.01	10.65	11.10	7.06	ppb
Cadmium	111-1	-0.33	-0.33	-0.50	-0.38		ppb
Calcium	43-1	98168.59	105508.26	100518.59	101398.48	3.70	ppb
Calcium	44-1	97354.35	107018.29	100787.85	101720.16	4.82	ppb
Chromium	52-2	19.98	20.86	20.00	20.28	2.48	ppb
Cobalt	59-2	0.93	1.04	1.08	1.02	7.24	ppb
Copper	63-2	8.06	8.55	8.32	8.31	2.92	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				99		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	54-2	110275.36	112010.55	112884.46	111723.46	1.19	ppb
Iron	56-2	109242.70	109222.85	108122.97	108862.84	0.59	ppb
Iron	57-2	113442.95	112916.53	111108.01	112489.17	1.09	ppb
Krypton	83-1						cps
Lead	207-1	3.77	3.61	3.77	3.72	2.52	ppb
Lead	208-1	3.95	4.01	4.05	4.00	1.28	ppb
Lead	206-1	4.33	4.30	4.51	4.38	2.62	ppb

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:46:59	DataFile Name :	018ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				99		%
Magnesium	24-2	105565.22	106803.51	104895.93	105754.89	0.92	ppb
Manganese	55-2	7.73	7.84	7.47	7.68	2.52	ppb
Molybdenum	94-1	1340.59	1390.82	1367.20	1366.20	1.84	ppb
Molybdenum	95-1	1924.07	2010.96	1945.18	1960.07	2.31	ppb
Molybdenum	96-1	1855.05	1932.22	1865.22	1884.16	2.23	ppb
Molybdenum	97-1	1911.57	2039.54	1961.99	1971.03	3.27	ppb
Molybdenum	98-1	1913.65	2032.99	1923.46	1956.70	3.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.65	5.14	5.29	5.36	4.95	ppb
Phosphorus	31-2	101061.92	103161.40	101886.03	102036.45	1.04	ppb
Potassium	39-2	107399.37	109343.59	104540.41	107094.45	2.26	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	77-2	-2.86	-0.64	-0.67	-1.39		ppb
Selenium	78-2	0.05	1.92	1.21	1.06	89.21	ppb
Selenium	82-1	-0.55	2.33	-0.24	0.52	307.40	ppb
Silicon	28-1	36.88	60.35	40.30	45.84	27.66	ppb
Silver	109-1	0.01	0.00	0.00	0.00	95.69	ppb
Silver	107-1	0.01	0.00	0.02	0.01	72.41	ppb
Sodium	23-2	108242.06	112608.89	110310.80	110387.25	1.98	ppb
Strontium	86-1	34.10	35.59	33.72	34.47	2.87	ppb
Strontium	88-1	33.66	36.11	35.16	34.98	3.53	ppb
Sulfur	34-1	79388.17	89186.42	79520.04	82698.21	6.79	ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	-0.17	-0.12	-0.08	-0.13		ppb
Thallium	205-1	-0.16	-0.12	-0.10	-0.13		ppb
Tin	118-1	0.06	0.14	0.10	0.10	41.68	ppb
Titanium	47-1	1928.33	2065.53	1995.98	1996.61	3.44	ppb
Uranium	238-1	-0.05	-0.06	-0.05	-0.05		ppb
Vanadium	51-2	0.11	0.11	0.09	0.10	14.59	ppb
Yttrium	89-1				96		%

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:46:59	DataFile Name :	018ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				97		%
Zinc	66-2	11.82	12.82	12.02	12.22	4.32	ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	175.26	ppb
Zirconium	91-1	0.04	0.06	0.03	0.04	38.77	ppb

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:49:47	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	101516.75	100012.16	101845.11	101124.67	0.97	ppb
Antimony	121-1	20.26	20.75	21.22	20.74	2.32	ppb
Arsenic	75-2	19.67	20.93	19.99	20.20	3.24	ppb
Barium	135-1	22.15	20.74	21.73	21.54	3.36	ppb
Barium	137-1	21.17	21.84	22.05	21.69	2.11	ppb
Beryllium	9-1	18.63	19.66	19.12	19.14	2.71	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	11-1	54.11	61.30	64.10	59.84	8.61	ppb
Boron	10-1	54.34	62.60	65.89	60.94	9.77	ppb
Bromine	81-1						cps
Cadmium	106-1	25.91	19.78	19.63	21.77	16.46	ppb
Cadmium	108-1	28.87	29.64	31.38	29.96	4.30	ppb
Cadmium	111-1	19.44	19.59	19.90	19.64	1.20	ppb
Calcium	43-1	97555.69	100572.90	101177.34	99768.64	1.94	ppb
Calcium	44-1	97227.41	99129.84	101166.50	99174.59	1.99	ppb
Chromium	52-2	37.35	39.40	39.70	38.82	3.30	ppb
Cobalt	59-2	20.89	20.62	20.69	20.73	0.66	ppb
Copper	63-2	28.32	28.56	29.04	28.64	1.28	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				100		%
Indium	115-2				99		%
Iron	54-2	106123.78	105127.07	106152.89	105801.25	0.55	ppb
Iron	56-2	102810.09	101290.83	106986.52	103695.81	2.84	ppb
Iron	57-2	104931.29	103422.02	108181.01	105511.44	2.30	ppb
Krypton	83-1						cps
Lead	207-1	21.18	21.12	21.68	21.33	1.45	ppb
Lead	208-1	21.88	21.86	22.08	21.94	0.57	ppb
Lead	206-1	23.11	22.63	22.30	22.68	1.80	ppb

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:49:47	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	98275.41	99625.98	102939.90	100280.43	2.39	ppb
Manganese	55-2	26.36	26.22	26.62	26.40	0.77	ppb
Molybdenum	94-1	1404.28	1459.35	1447.50	1437.04	2.02	ppb
Molybdenum	95-1	1925.33	1974.38	1952.31	1950.67	1.26	ppb
Molybdenum	96-1	1855.24	1896.48	1881.15	1877.62	1.11	ppb
Molybdenum	97-1	1912.24	1949.72	1929.76	1930.57	0.97	ppb
Molybdenum	98-1	1904.21	1930.56	1920.94	1918.57	0.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.14	24.37	24.92	24.81	1.62	ppb
Phosphorus	31-2	95514.88	95341.90	98560.22	96472.33	1.88	ppb
Potassium	39-2	100752.78	102044.34	104827.25	102541.46	2.03	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	77-2	16.14	7.77	21.23	15.05	45.15	ppb
Selenium	78-2	21.59	20.26	20.66	20.84	3.26	ppb
Selenium	82-1	20.44	21.88	19.43	20.59	5.99	ppb
Silicon	28-1	64.37	66.82	66.57	65.92	2.05	ppb
Silver	109-1	18.57	18.91	19.44	18.97	2.30	ppb
Silver	107-1	18.65	18.65	19.41	18.91	2.31	ppb
Sodium	23-2	103892.65	104358.51	106281.20	104844.12	1.21	ppb
Strontium	86-1	85.59	84.05	87.60	85.75	2.08	ppb
Strontium	88-1	87.73	86.54	89.88	88.05	1.93	ppb
Sulfur	34-1	73142.00	77888.62	77665.70	76232.10	3.51	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	19.04	19.91	19.93	19.63	2.57	ppb
Thallium	205-1	19.59	19.36	20.21	19.72	2.23	ppb
Tin	118-1	52.58	53.45	54.45	53.49	1.75	ppb
Titanium	47-1	1953.09	2024.98	2024.96	2001.01	2.07	ppb
Uranium	238-1	53.04	52.85	53.47	53.12	0.59	ppb
Vanadium	51-2	19.59	19.49	19.91	19.66	1.11	ppb
Yttrium	89-1				101		%

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:49:47	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	32.71	32.70	32.50	32.64	0.37	ppb
Zirconium	90-1	53.43	54.58	54.84	54.28	1.38	ppb
Zirconium	91-1	51.88	53.05	54.36	53.10	2.34	ppb

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P8
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:55:59	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51288.66	51626.93	51604.01	51506.53	0.37	ppb
Antimony	121-1	466.64	488.96	517.94	491.18	5.24	ppb
Arsenic	75-2	493.29	495.89	503.11	497.43	1.02	ppb
Barium	135-1	2378.08	2463.86	2597.81	2479.91	4.47	ppb
Barium	137-1	2437.44	2500.09	2573.10	2503.54	2.71	ppb
Beryllium	9-1	478.93	490.60	514.09	494.54	3.62	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	11-1	395.44	459.61	530.05	461.70	14.58	ppb
Boron	10-1	402.52	463.80	532.88	466.40	13.98	ppb
Bromine	81-1						cps
Cadmium	106-1	464.62	484.94	493.63	481.06	3.09	ppb
Cadmium	108-1	466.74	480.55	503.74	483.68	3.87	ppb
Cadmium	111-1	470.98	484.09	496.89	483.99	2.68	ppb
Calcium	43-1	247280.04	240964.81	254557.57	247600.80	2.75	ppb
Calcium	44-1	242959.38	243454.05	250721.06	245711.50	1.77	ppb
Chromium	52-2	490.71	500.61	495.73	495.68	1.00	ppb
Cobalt	59-2	492.64	495.93	494.33	494.30	0.33	ppb
Copper	63-2	4815.70	4921.03	4984.45	4907.06	1.74	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				99		%
Indium	115-2				100		%
Iron	54-2	125401.20	129291.73	128288.20	127660.38	1.58	ppb
Iron	56-2	123733.19	125760.83	126554.55	125349.52	1.16	ppb
Iron	57-2	128482.10	130804.43	128463.80	129250.11	1.04	ppb
Krypton	83-1						cps
Lead	207-1	2470.01	2405.29	2590.97	2488.75	3.79	ppb
Lead	208-1	2440.19	2414.87	2586.84	2480.63	3.74	ppb
Lead	206-1	2438.51	2448.67	2580.60	2489.26	3.18	ppb

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P8
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:55:59	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				101		%
Magnesium	24-2	257613.40	257473.61	252324.25	255803.75	1.18	ppb
Manganese	55-2	4999.19	5161.23	5129.19	5096.54	1.68	ppb
Molybdenum	94-1	2413.68	2430.82	2594.83	2479.78	4.03	ppb
Molybdenum	95-1	2406.07	2408.30	2577.34	2463.90	3.99	ppb
Molybdenum	96-1	2425.81	2434.03	2549.51	2469.78	2.80	ppb
Molybdenum	97-1	2422.61	2431.15	2587.68	2480.48	3.75	ppb
Molybdenum	98-1	2388.75	2432.65	2597.56	2472.99	4.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	492.19	494.86	485.39	490.81	1.00	ppb
Phosphorus	31-2	10180.10	10053.77	10426.86	10220.24	1.86	ppb
Potassium	39-2	129103.96	132614.39	130163.61	130627.32	1.38	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	77-2	458.60	488.55	522.28	489.81	6.50	ppb
Selenium	78-2	482.54	484.00	514.13	493.55	3.61	ppb
Selenium	82-1	479.15	471.16	506.45	485.59	3.81	ppb
Silicon	28-1	310.09	311.63	362.01	327.91	9.01	ppb
Silver	109-1	478.92	481.08	499.75	486.58	2.35	ppb
Silver	107-1	478.78	485.84	502.36	488.99	2.47	ppb
Sodium	23-2	257732.12	253918.84	253789.66	255146.87	0.88	ppb
Strontium	86-1	481.09	485.44	511.87	492.80	3.38	ppb
Strontium	88-1	489.77	488.65	513.64	497.35	2.84	ppb
Sulfur	34-1	5380.06	4186.31	7092.54	5552.97	26.31	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	495.33	474.86	510.04	493.41	3.58	ppb
Thallium	205-1	484.22	474.76	517.50	492.16	4.56	ppb
Tin	118-1	481.49	494.64	511.78	495.97	3.06	ppb
Titanium	47-1	2458.11	2418.73	2588.93	2488.59	3.58	ppb
Uranium	238-1	501.39	499.53	530.48	510.47	3.40	ppb
Vanadium	51-2	502.66	505.83	502.17	503.56	0.39	ppb
Yttrium	89-1				100		%

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P8
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:55:59	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	4920.06	4977.21	4963.78	4953.68	0.60	ppb
Zirconium	90-1	493.13	497.99	525.16	505.43	3.42	ppb
Zirconium	91-1	483.94	482.28	509.77	491.99	3.13	ppb

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P8
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 18:00:55	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.43	1.90	1.40	0.96	127.93	ppb
Antimony	121-1	0.03	0.03	0.04	0.03	17.84	ppb
Arsenic	75-2	-0.23	-0.28	-0.20	-0.24		ppb
Barium	135-1	0.00	-0.02	-0.01	-0.01		ppb
Barium	137-1	-0.05	0.01	-0.03	-0.03		ppb
Beryllium	9-1	-0.21	-0.21	-0.15	-0.19		ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	11-1	20.28	19.25	18.80	19.44	3.90	ppb
Boron	10-1	20.82	20.43	19.09	20.11	4.51	ppb
Bromine	81-1						cps
Cadmium	106-1	-4.98	-5.78	-2.68	-4.48		ppb
Cadmium	108-1	-0.11	-0.10	0.21	0.00		ppb
Cadmium	111-1	-0.68	-0.72	-0.50	-0.63		ppb
Calcium	43-1	-4.13	-3.16	-7.25	-4.85		ppb
Calcium	44-1	2.29	3.41	4.19	3.30	28.94	ppb
Chromium	52-2	-0.06	-0.05	-0.15	-0.09		ppb
Cobalt	59-2	-0.18	-0.21	-0.19	-0.19		ppb
Copper	63-2	0.12	0.26	0.21	0.20	37.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	54-2	0.43	2.50	3.49	2.14	72.84	ppb
Iron	56-2	2.52	2.50	2.31	2.45	4.70	ppb
Iron	57-2	1.55	-1.25	3.43	1.24	189.10	ppb
Krypton	83-1						cps
Lead	207-1	-0.04	-0.01	-0.01	-0.02		ppb
Lead	208-1	-0.05	-0.02	-0.06	-0.04		ppb
Lead	206-1	-0.01	-0.05	-0.02	-0.02		ppb

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P8
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 18:00:55	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				101		%
Magnesium	24-2	3.57	3.19	3.19	3.31	6.56	ppb
Manganese	55-2	0.03	0.02	0.00	0.02	90.74	ppb
Molybdenum	94-1	0.15	0.04	0.11	0.10	52.64	ppb
Molybdenum	95-1	0.18	0.21	0.17	0.19	12.19	ppb
Molybdenum	96-1	0.23	0.12	0.11	0.16	42.72	ppb
Molybdenum	97-1	0.20	0.16	0.17	0.18	12.12	ppb
Molybdenum	98-1	0.18	0.17	0.15	0.17	7.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.14	-0.10	-0.11	-0.12		ppb
Phosphorus	31-2	-28.72	-40.41	-40.37	-36.50		ppb
Potassium	39-2	6.24	-20.82	-1.18	-5.25		ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				101		%
Selenium	77-2	-0.73	-0.74	1.44	-0.01		ppb
Selenium	78-2	-0.73	1.35	2.02	0.88	162.47	ppb
Selenium	82-1	0.05	0.53	1.11	0.56	94.49	ppb
Silicon	28-1	26.50	29.61	31.84	29.32	9.15	ppb
Silver	109-1	0.00	-0.02	-0.01	-0.01		ppb
Silver	107-1	0.00	-0.02	-0.02	-0.01		ppb
Sodium	23-2	71.47	75.38	70.61	72.48	3.51	ppb
Strontium	86-1	-0.07	0.02	-0.05	-0.03		ppb
Strontium	88-1	-0.07	-0.07	-0.07	-0.07		ppb
Sulfur	34-1	-4553.47	-4354.00	-3506.98	-4138.15		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	-0.12	-0.18	-0.18	-0.16		ppb
Thallium	205-1	-0.23	-0.16	-0.16	-0.18		ppb
Tin	118-1	0.04	-0.03	-0.02	0.00		ppb
Titanium	47-1	0.42	-0.05	0.32	0.23	106.66	ppb
Uranium	238-1	-0.06	-0.06	-0.07	-0.06		ppb
Vanadium	51-2	-0.08	-0.08	-0.06	-0.08		ppb
Yttrium	89-1				100		%

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P8
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 18:00:55	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	-0.08	-0.28	0.00	-0.12		ppb
Zirconium	90-1	0.01	0.03	0.04	0.03	47.89	ppb
Zirconium	91-1	0.03	0.04	0.07	0.05	44.58	ppb

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 18:03:45	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24.53	24.28	26.66	25.16	5.19	ppb
Antimony	121-1	2.22	2.14	2.08	2.15	3.49	ppb
Arsenic	75-2	0.92	0.75	1.12	0.93	19.99	ppb
Barium	135-1	10.65	11.26	10.64	10.85	3.25	ppb
Barium	137-1	10.52	11.01	11.21	10.91	3.26	ppb
Beryllium	9-1	0.85	0.85	0.80	0.83	3.72	ppb
Bismuth	209-1				96		%
Bismuth	209-2				99		%
Boron	11-1	29.22	34.89	36.05	33.39	10.95	ppb
Boron	10-1	30.60	33.72	37.47	33.93	10.14	ppb
Bromine	81-1						cps
Cadmium	106-1	-1.33	0.08	-1.43	-0.90		ppb
Cadmium	108-1	1.81	1.17	1.19	1.39	25.84	ppb
Cadmium	111-1	1.17	1.24	1.31	1.24	5.43	ppb
Calcium	43-1	525.70	535.29	520.51	527.17	1.42	ppb
Calcium	44-1	527.53	531.21	538.43	532.39	1.04	ppb
Chromium	52-2	1.79	1.87	2.31	1.99	13.97	ppb
Cobalt	59-2	0.80	0.89	0.99	0.89	10.70	ppb
Copper	63-2	2.60	2.77	3.07	2.81	8.49	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				98		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	54-2	59.07	58.17	63.15	60.13	4.42	ppb
Iron	56-2	58.02	55.56	64.02	59.20	7.35	ppb
Iron	57-2	47.23	58.97	58.86	55.02	12.26	ppb
Krypton	83-1						cps
Lead	207-1	0.91	0.91	0.85	0.89	4.02	ppb
Lead	208-1	0.99	0.95	0.93	0.96	3.29	ppb
Lead	206-1	1.07	0.86	0.89	0.94	11.90	ppb

LB Number : LB111459 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 18:03:45 DataFile Name : 022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				101		%
Magnesium	24-2	562.26	574.66	657.94	598.29	8.70	ppb
Manganese	55-2	0.89	0.90	0.94	0.91	2.61	ppb
Molybdenum	94-1	5.49	4.99	5.25	5.24	4.76	ppb
Molybdenum	95-1	5.03	5.28	5.34	5.22	3.19	ppb
Molybdenum	96-1	5.44	5.46	4.99	5.29	5.05	ppb
Molybdenum	97-1	5.43	5.09	5.30	5.27	3.26	ppb
Molybdenum	98-1	5.31	5.09	5.35	5.25	2.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.05	1.03	1.20	1.09	8.28	ppb
Phosphorus	31-2	-34.88	-61.44	-20.54	-38.95		ppb
Potassium	39-2	545.51	556.55	678.70	593.58	12.45	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	77-2	-0.76	5.59	4.18	3.00	111.10	ppb
Selenium	78-2	5.24	8.53	9.31	7.69	28.12	ppb
Selenium	82-1	6.61	5.25	3.23	5.03	33.87	ppb
Silicon	28-1	32.24	35.71	30.94	32.97	7.47	ppb
Silver	109-1	1.05	1.15	1.09	1.10	4.34	ppb
Silver	107-1	1.00	1.06	1.12	1.06	5.73	ppb
Sodium	23-2	602.61	605.55	693.69	633.95	8.16	ppb
Strontium	86-1	0.96	1.03	0.91	0.97	6.20	ppb
Strontium	88-1	0.95	0.96	0.92	0.94	2.09	ppb
Sulfur	34-1	-3713.13	-3702.77	-3480.28	-3632.06		ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	0.83	0.95	0.83	0.87	7.89	ppb
Thallium	205-1	0.89	0.91	0.94	0.91	3.31	ppb
Tin	118-1	5.10	5.27	5.30	5.22	2.10	ppb
Titanium	47-1	4.91	5.29	5.10	5.10	3.70	ppb
Uranium	238-1	0.89	0.96	0.94	0.93	4.10	ppb
Vanadium	51-2	5.16	5.23	5.91	5.43	7.55	ppb
Yttrium	89-1				98		%

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 18:03:45	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				98		%
Zinc	66-2	1.97	1.88	3.19	2.35	31.24	ppb
Zirconium	90-1	1.06	0.98	1.05	1.03	4.37	ppb
Zirconium	91-1	0.97	1.07	0.89	0.97	9.31	ppb

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	PB132301BL	Instrumnet Name :	P8
Client Sample ID :	PB132301BL	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 18:13:01	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.04	1.03	1.83	0.60	244.89	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	145.50	ppb
Arsenic	75-2	-0.27	-0.18	-0.28	-0.24		ppb
Barium	135-1	-0.07	-0.07	-0.06	-0.07		ppb
Barium	137-1	-0.03	-0.05	-0.06	-0.05		ppb
Beryllium	9-1	-0.28	-0.28	-0.26	-0.27		ppb
Bismuth	209-1				99		%
Bismuth	209-2				103		%
Boron	11-1	7.22	6.54	6.63	6.80	5.44	ppb
Boron	10-1	6.99	6.78	7.23	7.00	3.18	ppb
Bromine	81-1						cps
Cadmium	106-1	-4.20	-2.79	-6.42	-4.47		ppb
Cadmium	108-1	-0.26	-0.26	-0.19	-0.24		ppb
Cadmium	111-1	-0.60	-0.50	-0.77	-0.62		ppb
Calcium	43-1	-6.95	-6.85	-7.90	-7.23		ppb
Calcium	44-1	-7.04	-2.40	-5.64	-5.03		ppb
Chromium	52-2	-0.12	-0.28	-0.01	-0.14		ppb
Cobalt	59-2	-0.22	-0.21	-0.19	-0.21		ppb
Copper	63-2	0.04	-0.04	-0.07	-0.02		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				103		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	54-2	0.13	0.69	2.91	1.24	118.45	ppb
Iron	56-2	0.95	0.24	0.10	0.43	107.28	ppb
Iron	57-2	0.85	2.91	0.06	1.27	115.66	ppb
Krypton	83-1						cps
Lead	207-1	-0.14	-0.09	-0.03	-0.09		ppb
Lead	208-1	-0.10	-0.05	-0.08	-0.08		ppb
Lead	206-1	-0.01	-0.02	-0.09	-0.04		ppb

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	PB132301BL	Instrumnet Name :	P8
Client Sample ID :	PB132301BL	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 18:13:01	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	2.32	-1.51	0.35	0.39	495.14	ppb
Manganese	55-2	-0.02	-0.06	0.00	-0.03		ppb
Molybdenum	94-1	-0.01	-0.03	-0.02	-0.02		ppb
Molybdenum	95-1	0.05	0.06	0.02	0.04	46.74	ppb
Molybdenum	96-1	0.02	0.03	0.05	0.03	55.07	ppb
Molybdenum	97-1	0.02	0.00	0.05	0.02	112.51	ppb
Molybdenum	98-1	0.05	0.04	0.02	0.03	48.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.22	-0.20	-0.13	-0.19		ppb
Phosphorus	31-2	-47.87	-68.15	-17.22	-44.42		ppb
Potassium	39-2	-42.02	-30.50	-44.13	-38.88		ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				99		%
Scandium	45-2				102		%
Selenium	77-2	-2.86	-2.86	-2.86	-2.86		ppb
Selenium	78-2	0.24	-0.25	2.14	0.71	176.74	ppb
Selenium	82-1	-1.02	1.08	-0.78	-0.24		ppb
Silicon	28-1	28.74	32.01	23.82	28.19	14.63	ppb
Silver	109-1	-0.02	-0.02	-0.01	-0.02		ppb
Silver	107-1	-0.01	-0.02	0.00	-0.01		ppb
Sodium	23-2	41.29	35.16	25.46	33.97	23.50	ppb
Strontium	86-1	-0.12	-0.04	-0.13	-0.10		ppb
Strontium	88-1	-0.08	-0.08	-0.08	-0.08		ppb
Sulfur	34-1	-6459.61	-5312.46	-5494.05	-5755.37		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	-0.21	-0.15	-0.16	-0.17		ppb
Thallium	205-1	-0.20	-0.20	-0.22	-0.20		ppb
Tin	118-1	-0.03	-0.02	-0.03	-0.02		ppb
Titanium	47-1	0.03	0.05	0.18	0.09	95.33	ppb
Uranium	238-1	-0.07	-0.07	-0.06	-0.07		ppb
Vanadium	51-2	-0.09	-0.07	-0.08	-0.08		ppb
Yttrium	89-1				101		%

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	PB132301BL	Instrumnet Name :	P8
Client Sample ID :	PB132301BL	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 18:13:01	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	0.01	-0.36	-0.17	-0.17		ppb
Zirconium	90-1	-0.01	0.01	0.01	0.00	360.96	ppb
Zirconium	91-1	0.01	0.00	0.05	0.02	116.18	ppb

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	PB132301BS	Instrumnet Name :	P8
Client Sample ID :	PB132301BS	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 18:15:51	DataFile Name :	025LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10608.84	10490.01	10632.64	10577.16	0.72	ppb
Antimony	121-1	478.92	500.09	514.44	497.82	3.59	ppb
Arsenic	75-2	494.82	495.88	505.37	498.69	1.16	ppb
Barium	135-1	2462.45	2479.99	2606.17	2516.20	3.12	ppb
Barium	137-1	2483.87	2545.63	2563.98	2531.16	1.66	ppb
Beryllium	9-1	481.10	498.41	510.32	496.61	2.96	ppb
Bismuth	209-1				100		%
Bismuth	209-2				103		%
Boron	11-1	337.46	409.76	474.09	407.10	16.79	ppb
Boron	10-1	334.80	414.02	475.82	408.21	17.32	ppb
Bromine	81-1						cps
Cadmium	106-1	480.34	504.30	493.96	492.87	2.44	ppb
Cadmium	108-1	484.49	485.66	509.90	493.35	2.91	ppb
Cadmium	111-1	482.02	498.46	509.65	496.71	2.80	ppb
Calcium	43-1	49430.81	52063.49	52314.05	51269.45	3.12	ppb
Calcium	44-1	48374.76	51788.22	51694.38	50619.12	3.84	ppb
Chromium	52-2	500.76	498.37	509.83	502.99	1.20	ppb
Cobalt	59-2	496.92	506.68	507.19	503.60	1.15	ppb
Copper	63-2	5037.01	5076.22	5115.09	5076.11	0.77	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				105		%
Indium	115-1				101		%
Indium	115-2				104		%
Iron	54-2	27411.98	27506.00	27850.73	27589.57	0.84	ppb
Iron	56-2	26704.46	26869.91	26947.01	26840.46	0.46	ppb
Iron	57-2	26641.66	26757.31	27690.06	27029.68	2.13	ppb
Krypton	83-1						cps
Lead	207-1	2447.01	2493.40	2535.34	2491.92	1.77	ppb
Lead	208-1	2434.36	2470.60	2529.12	2478.03	1.93	ppb
Lead	206-1	2464.33	2446.82	2545.31	2485.49	2.11	ppb

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	PB132301BS	Instrumnet Name :	P8
Client Sample ID :	PB132301BS	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 18:15:51	DataFile Name :	025LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	53535.90	53337.93	53974.84	53616.22	0.61	ppb
Manganese	55-2	5019.91	5147.66	5188.40	5118.66	1.72	ppb
Molybdenum	94-1	2432.34	2481.24	2518.71	2477.43	1.75	ppb
Molybdenum	95-1	2453.36	2447.53	2512.18	2471.02	1.45	ppb
Molybdenum	96-1	2401.52	2448.80	2554.41	2468.24	3.17	ppb
Molybdenum	97-1	2447.32	2486.43	2542.73	2492.16	1.92	ppb
Molybdenum	98-1	2413.19	2429.25	2493.17	2445.20	1.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	503.19	508.10	509.60	506.96	0.66	ppb
Phosphorus	31-2	9881.96	9575.94	10112.66	9856.85	2.73	ppb
Potassium	39-2	27900.76	27351.84	27181.82	27478.14	1.37	ppb
Rhodium	103-1				99		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				105		%
Selenium	77-2	462.37	513.69	527.82	501.29	6.87	ppb
Selenium	78-2	498.51	497.24	504.60	500.11	0.79	ppb
Selenium	82-1	475.71	488.72	508.63	491.02	3.38	ppb
Silicon	28-1	270.19	309.94	348.31	309.48	12.62	ppb
Silver	109-1	497.28	495.33	512.16	501.59	1.84	ppb
Silver	107-1	501.20	498.96	522.80	507.65	2.59	ppb
Sodium	23-2	53547.14	52802.90	53855.05	53401.69	1.01	ppb
Strontium	86-1	479.39	494.44	501.92	491.92	2.33	ppb
Strontium	88-1	482.27	492.19	508.77	494.41	2.71	ppb
Sulfur	34-1	2945.81	4251.54	5166.02	4121.12	27.08	ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	488.03	490.43	499.66	492.71	1.25	ppb
Thallium	205-1	493.16	488.13	505.04	495.44	1.75	ppb
Tin	118-1	491.43	499.01	512.93	501.12	2.18	ppb
Titanium	47-1	2424.43	2522.95	2570.63	2506.00	2.98	ppb
Uranium	238-1	481.54	492.25	504.28	492.69	2.31	ppb
Vanadium	51-2	506.24	497.45	509.14	504.28	1.21	ppb
Yttrium	89-1				102		%

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	PB132301BS	Instrumnet Name :	P8
Client Sample ID :	PB132301BS	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 18:15:51	DataFile Name :	025LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				105		%
Zinc	66-2	5000.65	5061.99	5102.15	5054.93	1.01	ppb
Zirconium	90-1	487.42	501.72	516.05	501.73	2.85	ppb
Zirconium	91-1	472.67	487.22	505.41	488.43	3.36	ppb

LB Number : LB111459 Operator : Jaswal
 Lab Sample ID : L4342-06 Instrumnet Name : P8
 Client Sample ID : BACKFILL-OFFSITE-1-S Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 18:18:41 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	101498.94	100719.45	102023.79	101414.06	0.65	ppb
Antimony	121-1	5.08	5.45	5.01	5.18	4.53	ppb
Arsenic	75-2	58.50	58.74	56.42	57.89	2.20	ppb
Barium	135-1	789.74	798.56	809.93	799.41	1.27	ppb
Barium	137-1	799.93	816.14	806.67	807.58	1.01	ppb
Beryllium	9-1	6.10	5.62	5.13	5.62	8.69	ppb
Bismuth	209-1				96		%
Bismuth	209-2				97		%
Boron	11-1	138.79	128.87	120.50	129.39	7.08	ppb
Boron	10-1	140.99	125.94	119.22	128.71	8.66	ppb
Bromine	81-1						cps
Cadmium	106-1	13.69	15.73	13.92	14.45	7.74	ppb
Cadmium	108-1	9.47	7.52	8.13	8.37	11.89	ppb
Cadmium	111-1	2.64	2.99	2.78	2.80	6.19	ppb
Calcium	43-1	4583732.81	4757633.10	4658592.67	4666652.86	1.87	ppb
Calcium	44-1	4661553.37	4828185.87	4735202.62	4741647.29	1.76	ppb
Chromium	52-2	128.40	128.74	128.04	128.39	0.27	ppb
Cobalt	59-2	52.80	52.87	53.05	52.90	0.24	ppb
Copper	63-2	80.91	82.42	83.78	82.37	1.74	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				99		%
Indium	115-1				105		%
Indium	115-2				109		%
Iron	54-2	146516.95	148195.74	146905.66	147206.11	0.60	ppb
Iron	56-2	145052.48	146294.07	144863.84	145403.46	0.53	ppb
Iron	57-2	149498.20	148074.70	151193.93	149588.94	1.04	ppb
Krypton	83-1						cps
Lead	207-1	107.61	110.49	111.20	109.77	1.73	ppb
Lead	208-1	112.69	114.99	116.14	114.61	1.53	ppb
Lead	206-1	120.22	120.54	120.56	120.44	0.16	ppb

LB Number : LB111459 Operator : Jaswal
 Lab Sample ID : L4342-06 Instrumnet Name : P8
 Client Sample ID : BACKFILL-OFFSITE-1-S Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 18:18:41 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				117		%
Magnesium	24-2	87633.64	90943.97	90370.79	89649.47	1.97	ppb
Manganese	55-2	3570.36	3510.61	3513.38	3531.45	0.96	ppb
Molybdenum	94-1	116.29	118.95	115.51	116.92	1.54	ppb
Molybdenum	95-1	6.34	6.98	6.29	6.54	5.84	ppb
Molybdenum	96-1	20.09	19.95	19.63	19.89	1.17	ppb
Molybdenum	97-1	6.56	6.70	6.51	6.59	1.52	ppb
Molybdenum	98-1	6.71	6.72	6.72	6.71	0.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	123.87	123.75	125.21	124.28	0.65	ppb
Phosphorus	31-2	6244.14	6598.85	6517.64	6453.54	2.88	ppb
Potassium	39-2	23056.43	23404.01	23213.75	23224.73	0.75	ppb
Rhodium	103-1				91		%
Rhodium	103-2				90		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	143.57	139.87	130.70	138.05	4.80	ppb
Selenium	78-2	20.21	20.07	21.37	20.55	3.48	ppb
Selenium	82-1	8.11	5.94	7.40	7.15	15.47	ppb
Silicon	28-1	4826.77	4785.60	4731.39	4781.25	1.00	ppb
Silver	109-1	0.63	1.08	1.21	0.97	31.42	ppb
Silver	107-1	0.81	1.06	1.32	1.06	24.04	ppb
Sodium	23-2	3647.62	3671.14	3688.85	3669.20	0.56	ppb
Strontium	86-1	3493.13	3523.50	3476.17	3497.60	0.69	ppb
Strontium	88-1	3613.81	3616.65	3559.70	3596.72	0.89	ppb
Sulfur	34-1	840.48	-669.72	-1767.62	-532.29		ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	2.79	2.29	2.00	2.36	16.95	ppb
Thallium	205-1	2.76	2.34	2.07	2.39	14.58	ppb
Tin	118-1	9.12	9.99	10.46	9.86	6.90	ppb
Titanium	47-1	232.69	235.09	234.10	233.96	0.52	ppb
Uranium	238-1	22.31	22.95	22.34	22.54	1.61	ppb
Vanadium	51-2	249.43	250.37	252.58	250.79	0.64	ppb
Yttrium	89-1				114		%

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	L4342-06	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-OFFSITE-1-S	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 18:18:41	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				110		%
Zinc	66-2	316.64	326.28	327.07	323.33	1.80	ppb
Zirconium	90-1	73.75	75.39	74.79	74.64	1.11	ppb
Zirconium	91-1	71.76	71.47	73.48	72.23	1.50	ppb

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	L4342-07	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-OFFSITE-2-S	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 18:21:29	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	72383.57	70039.65	72981.50	71801.57	2.17	ppb
Antimony	121-1	2.20	2.39	2.49	2.36	6.18	ppb
Arsenic	75-2	69.00	67.35	67.29	67.88	1.43	ppb
Barium	135-1	623.16	643.60	627.31	631.36	1.71	ppb
Barium	137-1	619.35	635.43	626.90	627.23	1.28	ppb
Beryllium	9-1	3.94	3.85	3.54	3.78	5.60	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	11-1	71.59	73.25	73.39	72.74	1.38	ppb
Boron	10-1	71.94	72.86	72.77	72.52	0.70	ppb
Bromine	81-1						cps
Cadmium	106-1	6.53	11.59	6.39	8.17	36.25	ppb
Cadmium	108-1	6.18	6.23	5.22	5.88	9.67	ppb
Cadmium	111-1	1.93	2.20	1.88	2.00	8.43	ppb
Calcium	43-1	4475664.57	4608938.67	4434827.72	4506476.99	2.02	ppb
Calcium	44-1	4485515.29	4648867.15	4454492.71	4529625.05	2.31	ppb
Chromium	52-2	125.86	123.67	125.35	124.96	0.92	ppb
Cobalt	59-2	53.24	51.86	51.76	52.29	1.59	ppb
Copper	63-2	73.59	71.70	72.92	72.74	1.32	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				108		%
Holmium	165-2				103		%
Indium	115-1				110		%
Indium	115-2				103		%
Iron	54-2	144978.79	141248.83	142703.76	142977.12	1.31	ppb
Iron	56-2	143004.72	140657.42	143367.66	142343.27	1.03	ppb
Iron	57-2	146623.03	146082.57	144355.88	145687.16	0.81	ppb
Krypton	83-1						cps
Lead	207-1	83.20	84.52	84.32	84.01	0.84	ppb
Lead	208-1	87.72	89.18	88.39	88.43	0.83	ppb
Lead	206-1	92.29	93.83	92.87	93.00	0.84	ppb

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	L4342-07	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-OFFSITE-2-S	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 18:21:29	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				142		%
Magnesium	24-2	76065.06	74375.42	75511.69	75317.39	1.14	ppb
Manganese	55-2	3060.11	2994.83	3005.69	3020.21	1.16	ppb
Molybdenum	94-1	86.18	86.23	86.76	86.39	0.37	ppb
Molybdenum	95-1	5.90	5.75	5.80	5.82	1.28	ppb
Molybdenum	96-1	15.39	15.43	15.51	15.45	0.40	ppb
Molybdenum	97-1	5.59	5.81	5.59	5.66	2.23	ppb
Molybdenum	98-1	5.93	5.81	5.67	5.81	2.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	124.61	123.56	123.98	124.05	0.42	ppb
Phosphorus	31-2	4136.11	4097.26	4058.38	4097.25	0.95	ppb
Potassium	39-2	16644.46	16382.86	16699.41	16575.58	1.02	ppb
Rhodium	103-1				96		%
Rhodium	103-2				93		%
Scandium	45-1				102		%
Scandium	45-2				96		%
Selenium	77-2	119.33	132.31	140.31	130.65	8.11	ppb
Selenium	78-2	16.95	14.20	17.42	16.19	10.74	ppb
Selenium	82-1	5.65	4.44	6.40	5.50	18.02	ppb
Silicon	28-1	10620.18	10826.77	10631.23	10692.73	1.09	ppb
Silver	109-1	0.89	0.83	0.94	0.89	6.00	ppb
Silver	107-1	0.87	0.94	1.03	0.95	8.18	ppb
Sodium	23-2	2732.81	2681.26	2715.25	2709.77	0.97	ppb
Strontium	86-1	2910.76	2887.82	2885.49	2894.69	0.48	ppb
Strontium	88-1	2985.61	2975.36	2953.75	2971.57	0.55	ppb
Sulfur	34-1	-2541.04	-2989.45	-4211.80	-3247.43		ppb
Terbium	159-1				108		%
Terbium	159-2				101		%
Thallium	203-1	1.21	1.10	1.24	1.19	6.14	ppb
Thallium	205-1	1.19	1.31	1.22	1.24	4.80	ppb
Tin	118-1	7.39	7.84	8.05	7.76	4.32	ppb
Titanium	47-1	227.47	228.16	219.95	225.19	2.02	ppb
Uranium	238-1	16.70	16.89	16.45	16.68	1.33	ppb
Vanadium	51-2	318.53	308.40	316.84	314.59	1.73	ppb
Yttrium	89-1				115		%

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	L4342-07	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-OFFSITE-2-S	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 18:21:29	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				105		%
Zinc	66-2	274.64	261.44	269.19	268.42	2.47	ppb
Zirconium	90-1	54.87	54.64	54.25	54.59	0.58	ppb
Zirconium	91-1	54.08	53.90	53.32	53.77	0.74	ppb

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	L4342-07DUP	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-OFFSITE-2-S	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 18:24:20	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	71182.81	71395.39	72510.53	71696.24	0.99	ppb
Antimony	121-1	1.69	2.23	2.21	2.05	14.92	ppb
Arsenic	75-2	66.37	67.11	67.57	67.01	0.91	ppb
Barium	135-1	608.23	713.99	659.66	660.63	8.01	ppb
Barium	137-1	613.07	711.71	665.21	663.33	7.44	ppb
Beryllium	9-1	3.72	3.83	3.46	3.67	5.22	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	11-1	64.33	69.02	67.67	67.01	3.61	ppb
Boron	10-1	64.00	72.18	68.71	68.30	6.01	ppb
Bromine	81-1						cps
Cadmium	106-1	8.10	13.14	9.28	10.17	25.95	ppb
Cadmium	108-1	5.81	6.62	6.31	6.25	6.56	ppb
Cadmium	111-1	1.95	2.62	2.07	2.22	16.12	ppb
Calcium	43-1	4339655.34	5092842.81	4820776.93	4751091.69	8.03	ppb
Calcium	44-1	4361401.44	5116186.06	4904141.11	4793909.54	8.12	ppb
Chromium	52-2	124.13	125.70	126.52	125.45	0.97	ppb
Cobalt	59-2	51.33	52.75	52.81	52.29	1.60	ppb
Copper	63-2	71.40	72.98	74.10	72.83	1.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	54-2	142361.67	143066.50	145362.46	143596.88	1.09	ppb
Iron	56-2	140134.78	140116.43	141371.53	140540.92	0.51	ppb
Iron	57-2	143161.50	145941.29	147125.58	145409.46	1.40	ppb
Krypton	83-1						cps
Lead	207-1	82.75	94.95	88.26	88.65	6.89	ppb
Lead	208-1	86.34	100.19	92.71	93.08	7.45	ppb
Lead	206-1	91.15	106.35	97.13	98.21	7.80	ppb

LB Number : LB111459 Operator : Jaswal
 Lab Sample ID : L4342-07DUP Instrumnet Name : P8
 Client Sample ID : BACKFILL-OFFSITE-2-S Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 18:24:20 DataFile Name : 028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				143		%
Magnesium	24-2	75553.64	74998.41	77033.45	75861.83	1.39	ppb
Manganese	55-2	2988.13	2994.43	3014.79	2999.11	0.46	ppb
Molybdenum	94-1	85.37	97.10	90.50	90.99	6.46	ppb
Molybdenum	95-1	5.80	6.11	6.25	6.06	3.82	ppb
Molybdenum	96-1	15.44	17.51	16.48	16.48	6.29	ppb
Molybdenum	97-1	5.73	6.27	6.15	6.05	4.68	ppb
Molybdenum	98-1	5.62	6.37	6.19	6.06	6.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	120.88	122.58	126.05	123.17	2.14	ppb
Phosphorus	31-2	4085.98	4210.20	4348.08	4214.75	3.11	ppb
Potassium	39-2	15973.91	16310.47	16474.55	16252.98	1.57	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				96		%
Scandium	45-2				92		%
Selenium	77-2	113.13	122.85	130.12	122.03	6.99	ppb
Selenium	78-2	15.30	16.68	15.33	15.77	4.98	ppb
Selenium	82-1	4.96	5.02	5.75	5.24	8.45	ppb
Silicon	28-1	10336.70	11957.59	11455.13	11249.81	7.38	ppb
Silver	109-1	0.60	0.90	0.75	0.75	20.10	ppb
Silver	107-1	0.75	0.99	0.93	0.89	14.11	ppb
Sodium	23-2	2523.33	2483.32	2593.87	2533.51	2.21	ppb
Strontium	86-1	2858.39	3254.60	3056.62	3056.54	6.48	ppb
Strontium	88-1	2908.85	3319.82	3213.15	3147.27	6.78	ppb
Sulfur	34-1	-3159.56	3901.26	1146.11	629.27	565.52	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	1.11	1.38	1.11	1.20	13.01	ppb
Thallium	205-1	1.14	1.36	1.20	1.23	9.08	ppb
Tin	118-1	7.11	8.37	7.81	7.76	8.15	ppb
Titanium	47-1	217.07	257.59	242.16	238.94	8.56	ppb
Uranium	238-1	16.58	19.27	18.09	17.98	7.48	ppb
Vanadium	51-2	313.21	312.22	320.88	315.44	1.50	ppb
Yttrium	89-1				108		%

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	L4342-07DUP	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-OFFSITE-2-S	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 18:24:20	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	245.72	242.45	248.71	245.63	1.28	ppb
Zirconium	90-1	52.91	62.24	58.11	57.75	8.09	ppb
Zirconium	91-1	51.82	60.59	56.50	56.30	7.79	ppb

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	L4342-07LX5	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-OFFSITE-2-S	Dilution Factor :	5
Date & Time Acquired ::	2020-10-12 18:27:09	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14199.99	13944.45	14173.34	14105.93	1.00	ppb
Antimony	121-1	0.41	0.52	0.53	0.49	13.13	ppb
Arsenic	75-2	13.63	14.30	13.81	13.92	2.46	ppb
Barium	135-1	113.66	119.35	120.63	117.88	3.15	ppb
Barium	137-1	115.71	120.45	123.70	119.96	3.35	ppb
Beryllium	9-1	0.67	0.60	0.56	0.61	9.82	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Boron	11-1	22.00	23.27	23.75	23.01	3.93	ppb
Boron	10-1	21.76	24.46	23.30	23.17	5.85	ppb
Bromine	81-1						cps
Cadmium	106-1	-2.52	-4.43	-4.52	-3.82		ppb
Cadmium	108-1	1.36	1.39	1.18	1.31	8.56	ppb
Cadmium	111-1	-0.12	-0.28	-0.27	-0.23		ppb
Calcium	43-1	844196.98	867813.34	884977.32	865662.55	2.37	ppb
Calcium	44-1	851382.07	869009.76	896450.87	872280.90	2.60	ppb
Chromium	52-2	23.63	23.62	24.20	23.82	1.40	ppb
Cobalt	59-2	10.11	9.94	10.15	10.07	1.08	ppb
Copper	63-2	15.67	15.76	15.98	15.80	1.00	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				109		%
Holmium	165-2				105		%
Indium	115-1				107		%
Indium	115-2				100		%
Iron	54-2	27838.50	27660.61	28199.11	27899.40	0.98	ppb
Iron	56-2	27538.89	26923.99	28012.50	27491.79	1.99	ppb
Iron	57-2	27711.54	27587.66	28544.26	27947.82	1.86	ppb
Krypton	83-1						cps
Lead	207-1	15.39	16.01	16.15	15.85	2.58	ppb
Lead	208-1	16.21	17.08	17.06	16.78	2.97	ppb
Lead	206-1	17.32	18.12	18.25	17.90	2.82	ppb

LB Number : LB111459 Operator : Jaswal
 Lab Sample ID : L4342-07LX5 Instrumnet Name : P8
 Client Sample ID : BACKFILL-OFFSITE-2-S Dilution Factor : 5
 Date & Time Acquired :: 2020-10-12 18:27:09 DataFile Name : 029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				131		%
Magnesium	24-2	15307.81	14967.93	15351.43	15209.06	1.38	ppb
Manganese	55-2	589.53	580.00	586.47	585.33	0.83	ppb
Molybdenum	94-1	17.13	17.54	18.66	17.77	4.47	ppb
Molybdenum	95-1	1.17	1.15	1.16	1.16	0.77	ppb
Molybdenum	96-1	3.34	3.46	3.41	3.40	1.76	ppb
Molybdenum	97-1	1.06	1.15	1.37	1.19	13.79	ppb
Molybdenum	98-1	1.14	1.13	1.28	1.19	7.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.45	24.28	24.40	24.38	0.37	ppb
Phosphorus	31-2	830.34	834.49	734.09	799.64	7.10	ppb
Potassium	39-2	3321.96	3177.05	3210.19	3236.40	2.35	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				95		%
Selenium	77-2	34.42	25.16	10.24	23.27	52.42	ppb
Selenium	78-2	2.38	3.21	4.11	3.24	26.70	ppb
Selenium	82-1	0.15	0.29	0.69	0.37	74.39	ppb
Silicon	28-1	2005.39	2063.82	2125.03	2064.75	2.90	ppb
Silver	109-1	0.27	0.28	0.29	0.28	4.47	ppb
Silver	107-1	0.32	0.29	0.32	0.31	6.30	ppb
Sodium	23-2	584.93	576.67	572.87	578.16	1.07	ppb
Strontium	86-1	591.48	621.62	632.78	615.30	3.47	ppb
Strontium	88-1	601.82	628.11	635.62	621.85	2.85	ppb
Sulfur	34-1	-4204.17	-3677.30	-3269.31	-3716.93		ppb
Terbium	159-1				110		%
Terbium	159-2				104		%
Thallium	203-1	-0.03	0.05	0.01	0.01	335.79	ppb
Thallium	205-1	-0.01	0.01	-0.01	0.00		ppb
Tin	118-1	1.33	1.26	1.37	1.32	4.30	ppb
Titanium	47-1	42.18	42.65	44.69	43.17	3.09	ppb
Uranium	238-1	3.00	3.23	3.12	3.12	3.75	ppb
Vanadium	51-2	61.02	59.93	61.35	60.76	1.22	ppb
Yttrium	89-1				105		%

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	L4342-07LX5	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-OFFSITE-2-S	Dilution Factor :	5
Date & Time Acquired ::	2020-10-12 18:27:09	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				98		%
Zinc	66-2	56.80	52.63	56.22	55.22	4.09	ppb
Zirconium	90-1	10.75	11.20	11.39	11.11	2.96	ppb
Zirconium	91-1	10.43	11.26	10.79	10.83	3.83	ppb

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	L4342-08	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-OFFSITE-3-S	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 18:30:00	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	85362.32	81540.42	79456.28	82119.67	3.65	ppb
Antimony	121-1	1.69	1.85	1.85	1.79	5.17	ppb
Arsenic	75-2	69.96	68.51	66.16	68.21	2.81	ppb
Barium	135-1	680.89	695.09	692.27	689.41	1.09	ppb
Barium	137-1	681.62	692.36	692.48	688.82	0.91	ppb
Beryllium	9-1	4.17	4.09	3.93	4.06	2.94	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Boron	11-1	62.58	66.50	66.38	65.16	3.43	ppb
Boron	10-1	62.03	66.05	68.15	65.41	4.76	ppb
Bromine	81-1						cps
Cadmium	106-1	11.53	8.46	11.06	10.35	15.98	ppb
Cadmium	108-1	7.00	6.86	6.83	6.89	1.32	ppb
Cadmium	111-1	2.55	2.31	2.52	2.46	5.16	ppb
Calcium	43-1	5339364.96	5389380.89	5393147.82	5373964.56	0.56	ppb
Calcium	44-1	5394700.68	5444294.57	5392039.09	5410344.78	0.54	ppb
Chromium	52-2	128.41	124.51	121.81	124.91	2.66	ppb
Cobalt	59-2	56.68	54.85	53.72	55.08	2.71	ppb
Copper	63-2	80.66	79.14	78.67	79.49	1.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				101		%
Indium	115-1				107		%
Indium	115-2				96		%
Iron	54-2	154401.60	150618.06	148345.84	151121.84	2.02	ppb
Iron	56-2	152339.18	149693.35	146163.00	149398.51	2.07	ppb
Iron	57-2	155721.32	155121.00	151232.80	154025.04	1.58	ppb
Krypton	83-1						cps
Lead	207-1	88.49	91.86	90.07	90.14	1.87	ppb
Lead	208-1	92.72	96.81	94.95	94.83	2.16	ppb
Lead	206-1	97.55	102.04	99.81	99.80	2.25	ppb

LB Number : LB111459 Operator : Jaswal
 Lab Sample ID : L4342-08 Instrumnet Name : P8
 Client Sample ID : BACKFILL-OFFSITE-3-S Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 18:30:00 DataFile Name : 030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				144		%
Magnesium	24-2	85377.81	82329.35	80594.25	82767.14	2.93	ppb
Manganese	55-2	3604.70	3497.77	3555.57	3552.68	1.51	ppb
Molybdenum	94-1	95.67	97.04	97.00	96.57	0.81	ppb
Molybdenum	95-1	6.23	6.30	6.24	6.26	0.64	ppb
Molybdenum	96-1	17.22	17.45	18.29	17.65	3.18	ppb
Molybdenum	97-1	6.17	5.89	6.24	6.10	3.04	ppb
Molybdenum	98-1	6.29	6.20	6.07	6.19	1.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	132.34	128.33	127.04	129.24	2.14	ppb
Phosphorus	31-2	4588.16	4774.84	4880.70	4747.90	3.12	ppb
Potassium	39-2	18600.41	17785.04	17586.06	17990.51	2.99	ppb
Rhodium	103-1				94		%
Rhodium	103-2				88		%
Scandium	45-1				101		%
Scandium	45-2				91		%
Selenium	77-2	139.28	135.62	111.26	128.72	11.83	ppb
Selenium	78-2	14.30	20.29	18.13	17.57	17.27	ppb
Selenium	82-1	6.81	4.84	5.38	5.68	17.94	ppb
Silicon	28-1	8870.65	8960.26	8916.38	8915.77	0.50	ppb
Silver	109-1	0.64	0.77	0.71	0.71	9.15	ppb
Silver	107-1	0.71	0.77	0.81	0.76	6.38	ppb
Sodium	23-2	3233.04	3122.04	3111.32	3155.47	2.14	ppb
Strontium	86-1	3521.22	3580.71	3540.98	3547.63	0.85	ppb
Strontium	88-1	3620.79	3736.82	3712.98	3690.20	1.66	ppb
Sulfur	34-1	491.27	-627.17	-865.97	-333.96		ppb
Terbium	159-1				107		%
Terbium	159-2				99		%
Thallium	203-1	1.46	1.60	1.19	1.42	14.71	ppb
Thallium	205-1	1.34	1.55	1.35	1.41	8.23	ppb
Tin	118-1	7.32	8.19	7.87	7.79	5.69	ppb
Titanium	47-1	217.96	220.79	224.84	221.19	1.56	ppb
Uranium	238-1	22.88	23.99	23.32	23.39	2.38	ppb
Vanadium	51-2	331.38	324.35	316.11	323.95	2.36	ppb
Yttrium	89-1				115		%

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	L4342-08	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-OFFSITE-3-S	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 18:30:00	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	282.66	269.98	270.40	274.35	2.63	ppb
Zirconium	90-1	60.94	61.65	61.95	61.51	0.84	ppb
Zirconium	91-1	58.23	60.67	60.20	59.70	2.17	ppb

LB Number : LB111459 Operator : Jaswal
 Lab Sample ID : L4342-09 Instrumnet Name : P8
 Client Sample ID : BACKFILL-OFFSITE-4-S Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 18:32:48 DataFile Name : 031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	81127.44	80312.78	78649.40	80029.88	1.58	ppb
Antimony	121-1	1.70	1.92	1.94	1.85	7.12	ppb
Arsenic	75-2	69.30	70.23	68.79	69.44	1.06	ppb
Barium	135-1	659.15	674.06	662.64	665.28	1.17	ppb
Barium	137-1	674.37	675.94	660.76	670.36	1.24	ppb
Beryllium	9-1	3.98	3.74	3.61	3.78	4.89	ppb
Bismuth	209-1				106		%
Bismuth	209-2				100		%
Boron	11-1	63.14	61.95	61.69	62.26	1.24	ppb
Boron	10-1	61.36	61.32	62.34	61.67	0.93	ppb
Bromine	81-1						cps
Cadmium	106-1	11.72	9.56	7.38	9.55	22.75	ppb
Cadmium	108-1	6.13	6.69	6.25	6.36	4.65	ppb
Cadmium	111-1	2.54	2.18	2.08	2.27	10.85	ppb
Calcium	43-1	5136971.75	5122015.57	5167397.35	5142128.22	0.45	ppb
Calcium	44-1	5172202.86	5160849.10	5167905.14	5166985.70	0.11	ppb
Chromium	52-2	119.25	115.18	117.96	117.47	1.77	ppb
Cobalt	59-2	53.46	52.57	54.54	53.52	1.84	ppb
Copper	63-2	79.56	78.39	81.10	79.68	1.71	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				110		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				95		%
Iron	54-2	153744.33	149130.47	153809.31	152228.04	1.76	ppb
Iron	56-2	150605.44	148148.80	152005.79	150253.34	1.30	ppb
Iron	57-2	155420.42	152188.70	154233.35	153947.49	1.06	ppb
Krypton	83-1						cps
Lead	207-1	89.76	89.28	89.20	89.42	0.34	ppb
Lead	208-1	94.22	94.00	93.90	94.04	0.17	ppb
Lead	206-1	99.31	99.34	98.12	98.92	0.71	ppb

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	L4342-09	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-OFFSITE-4-S	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 18:32:48	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				154		%
Magnesium	24-2	83209.15	79724.82	80944.80	81292.92	2.17	ppb
Manganese	55-2	3264.06	3200.01	3261.43	3241.84	1.12	ppb
Molybdenum	94-1	100.71	100.02	99.77	100.17	0.49	ppb
Molybdenum	95-1	6.69	6.66	6.49	6.61	1.62	ppb
Molybdenum	96-1	18.54	18.23	17.43	18.06	3.17	ppb
Molybdenum	97-1	6.91	6.56	6.43	6.63	3.75	ppb
Molybdenum	98-1	6.56	6.47	6.74	6.59	2.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	124.32	121.46	125.54	123.77	1.69	ppb
Phosphorus	31-2	4698.62	4295.21	4614.27	4536.04	4.69	ppb
Potassium	39-2	17996.96	17809.84	18027.80	17944.86	0.66	ppb
Rhodium	103-1				93		%
Rhodium	103-2				89		%
Scandium	45-1				101		%
Scandium	45-2				90		%
Selenium	77-2	101.27	172.85	101.72	125.28	32.89	ppb
Selenium	78-2	16.05	16.62	14.99	15.89	5.18	ppb
Selenium	82-1	5.57	4.52	3.56	4.55	22.03	ppb
Silicon	28-1	5319.03	5313.20	5403.16	5345.13	0.94	ppb
Silver	109-1	0.93	0.92	0.78	0.87	9.59	ppb
Silver	107-1	0.90	0.97	0.90	0.92	4.62	ppb
Sodium	23-2	3155.01	3112.36	3122.37	3129.91	0.71	ppb
Strontium	86-1	3337.32	3276.05	3223.43	3278.94	1.74	ppb
Strontium	88-1	3423.46	3362.50	3396.44	3394.13	0.90	ppb
Sulfur	34-1	-5.97	-690.97	-163.62	-286.85		ppb
Terbium	159-1				110		%
Terbium	159-2				100		%
Thallium	203-1	1.47	1.58	1.48	1.51	3.99	ppb
Thallium	205-1	1.38	1.42	1.48	1.43	3.55	ppb
Tin	118-1	7.97	8.16	8.39	8.17	2.57	ppb
Titanium	47-1	221.88	217.09	224.45	221.14	1.69	ppb
Uranium	238-1	23.33	23.11	22.76	23.07	1.24	ppb
Vanadium	51-2	319.22	312.94	323.70	318.62	1.70	ppb
Yttrium	89-1				112		%

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	L4342-09	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-OFFSITE-4-S	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 18:32:48	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	281.92	273.17	284.47	279.85	2.12	ppb
Zirconium	90-1	64.77	62.83	63.23	63.61	1.61	ppb
Zirconium	91-1	62.64	61.26	61.98	61.96	1.12	ppb

LB Number : LB111459 Operator : Jaswal
 Lab Sample ID : L4342-10 Instrumnet Name : P8
 Client Sample ID : BACKFILL-OFFSITE-5-S Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 18:35:39 DataFile Name : 032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	84827.91	85348.41	90095.54	86757.29	3.35	ppb
Antimony	121-1	1.78	1.73	1.81	1.77	2.19	ppb
Arsenic	75-2	77.33	77.21	80.88	78.47	2.66	ppb
Barium	135-1	688.82	719.28	700.76	702.95	2.18	ppb
Barium	137-1	700.37	719.52	712.48	710.79	1.36	ppb
Beryllium	9-1	4.26	4.42	3.88	4.19	6.63	ppb
Bismuth	209-1				107		%
Bismuth	209-2				100		%
Boron	11-1	63.32	67.55	68.33	66.40	4.05	ppb
Boron	10-1	61.46	66.88	69.68	66.01	6.33	ppb
Bromine	81-1						cps
Cadmium	106-1	14.60	10.44	9.90	11.65	22.05	ppb
Cadmium	108-1	6.68	7.84	7.78	7.44	8.78	ppb
Cadmium	111-1	2.75	2.70	2.45	2.63	6.10	ppb
Calcium	43-1	5353136.10	5500519.91	5357424.86	5403693.62	1.55	ppb
Calcium	44-1	5374165.02	5566996.55	5333478.94	5424880.17	2.30	ppb
Chromium	52-2	160.48	161.33	166.40	162.74	1.97	ppb
Cobalt	59-2	63.69	62.50	65.78	63.99	2.60	ppb
Copper	63-2	80.86	82.09	84.61	82.52	2.32	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				113		%
Holmium	165-2				102		%
Indium	115-1				107		%
Indium	115-2				95		%
Iron	54-2	178590.11	179370.25	183012.85	180324.40	1.31	ppb
Iron	56-2	177138.53	176184.39	183271.42	178864.78	2.15	ppb
Iron	57-2	184033.56	180754.54	189070.57	184619.56	2.27	ppb
Krypton	83-1						cps
Lead	207-1	92.48	96.42	95.63	94.85	2.20	ppb
Lead	208-1	98.38	101.42	101.49	100.43	1.77	ppb
Lead	206-1	103.92	107.58	108.03	106.51	2.11	ppb

LB Number : LB111459 Operator : Jaswal
 Lab Sample ID : L4342-10 Instrumnet Name : P8
 Client Sample ID : BACKFILL-OFFSITE-5-S Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 18:35:39 DataFile Name : 032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				152		%
Magnesium	24-2	83995.20	84080.17	87972.50	85349.29	2.66	ppb
Manganese	55-2	4087.62	4143.46	4250.95	4160.68	2.00	ppb
Molybdenum	94-1	100.26	106.06	103.53	103.28	2.82	ppb
Molybdenum	95-1	6.55	6.69	6.96	6.73	3.03	ppb
Molybdenum	96-1	17.72	18.73	19.14	18.53	3.94	ppb
Molybdenum	97-1	6.60	6.18	6.44	6.41	3.34	ppb
Molybdenum	98-1	6.58	6.77	6.77	6.71	1.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	136.64	137.17	140.07	137.96	1.34	ppb
Phosphorus	31-2	6497.59	6713.22	6707.89	6639.57	1.85	ppb
Potassium	39-2	18509.61	18479.45	18953.43	18647.50	1.42	ppb
Rhodium	103-1				95		%
Rhodium	103-2				89		%
Scandium	45-1				103		%
Scandium	45-2				91		%
Selenium	77-2	138.12	113.47	160.49	137.36	17.12	ppb
Selenium	78-2	17.74	19.84	19.44	19.01	5.86	ppb
Selenium	82-1	3.44	6.51	5.62	5.19	30.41	ppb
Silicon	28-1	7476.68	7595.35	7499.35	7523.79	0.84	ppb
Silver	109-1	0.46	0.52	0.54	0.50	8.20	ppb
Silver	107-1	0.51	0.64	0.56	0.57	11.28	ppb
Sodium	23-2	3649.24	3610.14	3797.54	3685.64	2.68	ppb
Strontium	86-1	4085.67	4291.98	4237.91	4205.19	2.54	ppb
Strontium	88-1	4219.59	4434.75	4391.22	4348.52	2.62	ppb
Sulfur	34-1	-554.54	-218.44	-692.58	-488.52		ppb
Terbium	159-1				112		%
Terbium	159-2				101		%
Thallium	203-1	1.28	1.43	1.42	1.38	6.15	ppb
Thallium	205-1	1.30	1.46	1.43	1.40	6.04	ppb
Tin	118-1	6.35	6.62	6.51	6.49	2.11	ppb
Titanium	47-1	209.45	217.34	212.42	213.07	1.87	ppb
Uranium	238-1	25.77	26.15	26.05	25.99	0.76	ppb
Vanadium	51-2	346.89	349.58	365.42	353.96	2.83	ppb
Yttrium	89-1				118		%

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	L4342-10	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-OFFSITE-5-S	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 18:35:39	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	288.11	288.64	296.84	291.20	1.68	ppb
Zirconium	90-1	62.59	67.02	65.33	64.98	3.44	ppb
Zirconium	91-1	60.55	64.21	64.91	63.22	3.70	ppb

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P8
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 18:42:58	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51028.09	51318.28	50637.43	50994.60	0.67	ppb
Antimony	121-1	473.43	465.92	471.00	470.12	0.82	ppb
Arsenic	75-2	494.30	501.26	493.16	496.24	0.88	ppb
Barium	135-1	2468.55	2406.22	2467.19	2447.32	1.45	ppb
Barium	137-1	2539.23	2447.80	2493.20	2493.41	1.83	ppb
Beryllium	9-1	458.97	464.85	475.14	466.32	1.76	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	11-1	374.11	441.01	482.01	432.37	12.60	ppb
Boron	10-1	383.19	443.49	487.57	438.09	11.96	ppb
Bromine	81-1						cps
Cadmium	106-1	473.22	476.50	479.75	476.49	0.69	ppb
Cadmium	108-1	473.72	462.76	470.69	469.06	1.21	ppb
Cadmium	111-1	474.56	470.06	471.40	472.01	0.49	ppb
Calcium	43-1	249217.90	245106.05	241511.45	245278.47	1.57	ppb
Calcium	44-1	246143.90	243654.81	242502.91	244100.54	0.76	ppb
Chromium	52-2	504.38	504.85	497.90	502.38	0.77	ppb
Cobalt	59-2	505.92	508.43	506.63	506.99	0.26	ppb
Copper	63-2	5053.99	5133.32	5010.65	5065.99	1.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	54-2	129722.01	131249.56	127808.36	129593.31	1.33	ppb
Iron	56-2	125115.95	128235.55	126975.11	126775.54	1.24	ppb
Iron	57-2	128862.52	131676.70	130092.15	130210.46	1.08	ppb
Krypton	83-1						cps
Lead	207-1	2497.39	2447.84	2467.67	2470.97	1.01	ppb
Lead	208-1	2507.47	2452.66	2456.04	2472.06	1.24	ppb
Lead	206-1	2501.94	2448.24	2444.69	2464.96	1.30	ppb

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P8
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 18:42:58	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				108		%
Magnesium	24-2	264496.37	261629.89	262942.65	263022.97	0.55	ppb
Manganese	55-2	5139.34	5128.43	5133.33	5133.70	0.11	ppb
Molybdenum	94-1	2480.66	2491.82	2397.75	2456.74	2.09	ppb
Molybdenum	95-1	2441.71	2483.73	2416.92	2447.46	1.38	ppb
Molybdenum	96-1	2469.48	2488.12	2423.96	2460.52	1.34	ppb
Molybdenum	97-1	2487.18	2497.53	2432.26	2472.32	1.42	ppb
Molybdenum	98-1	2464.16	2468.94	2404.00	2445.70	1.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	503.24	515.21	502.85	507.10	1.39	ppb
Phosphorus	31-2	10054.82	10275.01	10083.87	10137.90	1.18	ppb
Potassium	39-2	131155.14	130760.28	129061.28	130325.57	0.85	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				95		%
Selenium	77-2	450.83	541.03	470.01	487.29	9.75	ppb
Selenium	78-2	485.75	483.32	488.45	485.84	0.53	ppb
Selenium	82-1	471.12	481.91	469.65	474.23	1.41	ppb
Silicon	28-1	300.08	308.99	330.25	313.11	4.95	ppb
Silver	109-1	483.03	471.04	472.73	475.60	1.37	ppb
Silver	107-1	482.73	477.44	476.17	478.78	0.73	ppb
Sodium	23-2	261745.22	262386.62	261421.98	261851.27	0.19	ppb
Strontium	86-1	480.40	492.08	469.89	480.79	2.31	ppb
Strontium	88-1	491.78	504.12	481.57	492.49	2.29	ppb
Sulfur	34-1	8655.58	6031.21	5246.41	6644.40	26.87	ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	484.98	479.34	483.63	482.65	0.61	ppb
Thallium	205-1	496.61	491.56	488.08	492.09	0.87	ppb
Tin	118-1	478.63	479.26	480.46	479.45	0.19	ppb
Titanium	47-1	2486.70	2437.24	2412.84	2445.59	1.54	ppb
Uranium	238-1	512.40	508.04	502.46	507.63	0.98	ppb
Vanadium	51-2	510.52	514.03	506.97	510.50	0.69	ppb
Yttrium	89-1				101		%

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P8
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 18:42:58	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				97		%
Zinc	66-2	4996.62	5064.28	4995.32	5018.74	0.79	ppb
Zirconium	90-1	493.53	505.17	491.04	496.58	1.52	ppb
Zirconium	91-1	483.82	491.38	477.14	484.11	1.47	ppb

LB Number : LB111459 Operator : Jaswal
 Lab Sample ID : CCB21 Instrumnet Name : P8
 Client Sample ID : CCB21 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 18:48:10 DataFile Name : 034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-3.90	-4.36	-3.50	-3.92		ppb
Antimony	121-1	0.03	0.06	0.04	0.04	39.08	ppb
Arsenic	75-2	-0.31	-0.27	-0.21	-0.26		ppb
Barium	135-1	-0.04	-0.06	-0.07	-0.06		ppb
Barium	137-1	-0.04	-0.06	-0.06	-0.05		ppb
Beryllium	9-1	-0.19	-0.22	-0.22	-0.21		ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Boron	11-1	17.22	18.16	16.53	17.30	4.76	ppb
Boron	10-1	18.32	17.51	17.73	17.86	2.35	ppb
Bromine	81-1						cps
Cadmium	106-1	-3.09	-3.91	-6.57	-4.52		ppb
Cadmium	108-1	0.04	-0.11	-0.11	-0.06		ppb
Cadmium	111-1	-0.53	-0.59	-0.80	-0.64		ppb
Calcium	43-1	-1.45	3.81	4.86	2.41	140.41	ppb
Calcium	44-1	4.60	8.36	18.79	10.58	69.44	ppb
Chromium	52-2	-0.25	-0.32	-0.09	-0.22		ppb
Cobalt	59-2	-0.20	-0.21	-0.21	-0.21		ppb
Copper	63-2	0.63	0.54	0.75	0.64	15.71	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				100		%
Indium	115-2				99		%
Iron	54-2	1.55	0.20	2.09	1.28	75.98	ppb
Iron	56-2	1.70	1.21	1.47	1.46	16.98	ppb
Iron	57-2	0.63	4.49	2.16	2.43	80.13	ppb
Krypton	83-1						cps
Lead	207-1	0.04	0.09	0.01	0.04	91.46	ppb
Lead	208-1	0.01	0.04	0.01	0.02	76.51	ppb
Lead	206-1	0.01	0.05	0.00	0.02	162.57	ppb

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P8
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 18:48:10	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				104		%
Magnesium	24-2	6.33	5.46	6.51	6.10	9.14	ppb
Manganese	55-2	0.03	-0.05	-0.05	-0.02		ppb
Molybdenum	94-1	0.14	0.09	0.10	0.11	25.69	ppb
Molybdenum	95-1	0.18	0.18	0.17	0.18	3.43	ppb
Molybdenum	96-1	0.17	0.15	0.25	0.19	26.46	ppb
Molybdenum	97-1	0.13	0.16	0.09	0.13	27.22	ppb
Molybdenum	98-1	0.16	0.13	0.16	0.15	11.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.24	-0.22	-0.26	-0.24		ppb
Phosphorus	31-2	2.10	-76.74	-32.34	-35.66		ppb
Potassium	39-2	59.40	23.53	55.69	46.21	42.69	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	77-2	-0.67	-0.69	-2.86	-1.41		ppb
Selenium	78-2	1.39	2.30	1.57	1.75	27.40	ppb
Selenium	82-1	0.57	-0.17	0.19	0.20	188.80	ppb
Silicon	28-1	8.18	8.35	19.81	12.11	55.07	ppb
Silver	109-1	0.08	0.06	0.05	0.06	23.78	ppb
Silver	107-1	0.07	0.08	0.06	0.07	9.95	ppb
Sodium	23-2	65.50	56.00	58.66	60.05	8.16	ppb
Strontium	86-1	-0.15	-0.10	-0.21	-0.15		ppb
Strontium	88-1	-0.07	-0.08	-0.08	-0.08		ppb
Sulfur	34-1	-4273.04	-2185.08	-198.09	-2218.73		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	-0.21	-0.22	-0.23	-0.22		ppb
Thallium	205-1	-0.24	-0.23	-0.24	-0.24		ppb
Tin	118-1	0.00	0.02	0.04	0.02	93.74	ppb
Titanium	47-1	-0.13	0.02	-0.04	-0.05		ppb
Uranium	238-1	-0.07	-0.07	-0.07	-0.07		ppb
Vanadium	51-2	-0.06	-0.05	-0.08	-0.06		ppb
Yttrium	89-1				100		%

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P8
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 18:48:10	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				97		%
Zinc	66-2	0.77	1.02	0.75	0.85	17.58	ppb
Zirconium	90-1	0.03	0.00	-0.01	0.01	403.36	ppb
Zirconium	91-1	0.07	0.02	0.05	0.04	61.84	ppb

LB Number : LB111459 Operator : Jaswal
 Lab Sample ID : L4342-07MS Instrumnet Name : P8
 Client Sample ID : BACKFILL-OFFSITE-2-S Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 18:50:59 DataFile Name : 035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	80536.38	78214.60	77439.43	78730.14	2.05	ppb
Antimony	121-1	451.88	461.84	446.14	453.29	1.75	ppb
Arsenic	75-2	518.35	513.12	512.11	514.53	0.65	ppb
Barium	135-1	2815.93	2923.79	2805.77	2848.50	2.30	ppb
Barium	137-1	2823.95	2913.62	2818.00	2851.86	1.88	ppb
Beryllium	9-1	425.80	418.97	382.94	409.24	5.63	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	11-1	459.08	495.56	486.17	480.27	3.94	ppb
Boron	10-1	455.02	502.46	498.77	485.41	5.44	ppb
Bromine	81-1						cps
Cadmium	106-1	462.20	485.05	444.92	464.06	4.34	ppb
Cadmium	108-1	468.04	456.68	457.34	460.69	1.38	ppb
Cadmium	111-1	451.81	462.13	443.57	452.50	2.06	ppb
Calcium	43-1	4286588.10	4428787.18	4268951.41	4328108.90	2.02	ppb
Calcium	44-1	4351657.11	4477840.90	4342215.20	4390571.07	1.72	ppb
Chromium	52-2	618.75	611.20	614.15	614.70	0.62	ppb
Cobalt	59-2	548.48	539.60	538.88	542.32	0.99	ppb
Copper	63-2	982.91	964.59	962.96	970.15	1.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				99		%
Iron	54-2	163304.21	160422.45	159563.67	161096.77	1.22	ppb
Iron	56-2	161696.92	158907.28	156217.01	158940.40	1.72	ppb
Iron	57-2	167263.89	160033.55	159143.79	162147.07	2.75	ppb
Krypton	83-1						cps
Lead	207-1	554.32	583.73	564.63	567.56	2.63	ppb
Lead	208-1	573.76	602.42	574.50	583.56	2.80	ppb
Lead	206-1	571.82	583.55	568.98	574.78	1.34	ppb

LB Number : LB111459 Operator : Jaswal
 Lab Sample ID : L4342-07MS Instrumnet Name : P8
 Client Sample ID : BACKFILL-OFFSITE-2-S Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 18:50:59 DataFile Name : 035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				119		%
Magnesium	24-2	121148.46	119107.30	119168.36	119808.04	0.97	ppb
Manganese	55-2	3884.75	3759.54	3767.51	3803.93	1.84	ppb
Molybdenum	94-1	2171.37	2280.50	2226.24	2226.04	2.45	ppb
Molybdenum	95-1	2115.14	2127.35	2082.48	2108.32	1.10	ppb
Molybdenum	96-1	2092.03	2199.45	2105.63	2132.37	2.74	ppb
Molybdenum	97-1	2108.17	2218.19	2114.55	2146.97	2.88	ppb
Molybdenum	98-1	2083.89	2187.43	2090.24	2120.52	2.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	624.90	615.61	607.95	616.15	1.38	ppb
Phosphorus	31-2	4394.12	3833.97	3678.02	3968.70	9.49	ppb
Potassium	39-2	40332.22	39341.12	39322.36	39665.23	1.46	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				103		%
Scandium	45-2				96		%
Selenium	77-2	541.02	492.16	501.39	511.52	5.08	ppb
Selenium	78-2	447.93	434.09	433.44	438.49	1.87	ppb
Selenium	82-1	427.94	443.35	426.58	432.62	2.15	ppb
Silicon	28-1	10625.48	10886.66	10312.98	10608.37	2.71	ppb
Silver	109-1	469.72	466.45	443.93	460.03	3.05	ppb
Silver	107-1	463.48	472.39	452.21	462.69	2.19	ppb
Sodium	23-2	52707.25	50778.12	50549.07	51344.81	2.31	ppb
Strontium	86-1	3187.45	3285.57	3176.16	3216.39	1.87	ppb
Strontium	88-1	3277.55	3365.74	3306.58	3316.62	1.36	ppb
Sulfur	34-1	-2125.68	-2310.28	-4813.19	-3083.05		ppb
Terbium	159-1				109		%
Terbium	159-2				103		%
Thallium	203-1	491.48	512.76	493.27	499.17	2.36	ppb
Thallium	205-1	498.72	517.05	498.32	504.70	2.12	ppb
Tin	118-1	453.38	453.53	442.04	449.65	1.47	ppb
Titanium	47-1	2423.20	2533.60	2416.54	2457.78	2.68	ppb
Uranium	238-1	533.38	550.13	530.33	537.95	1.98	ppb
Vanadium	51-2	825.57	799.54	796.70	807.27	1.97	ppb
Yttrium	89-1				113		%

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	L4342-07MS	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-OFFSITE-2-S	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 18:50:59	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				106		%
Zinc	66-2	1086.33	1065.07	1056.90	1069.43	1.42	ppb
Zirconium	90-1	497.65	525.79	504.60	509.34	2.88	ppb
Zirconium	91-1	487.03	513.19	494.78	498.33	2.70	ppb

LB Number : LB111459 Operator : Jaswal
 Lab Sample ID : L4342-07MSD Instrumnet Name : P8
 Client Sample ID : BACKFILL-OFFSITE-2-S Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 18:53:50 DataFile Name : 036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	77228.63	76662.23	79005.72	77632.19	1.58	ppb
Antimony	121-1	446.50	454.59	451.89	450.99	0.91	ppb
Arsenic	75-2	512.00	502.12	501.93	505.35	1.14	ppb
Barium	135-1	2884.07	2892.88	2806.92	2861.29	1.65	ppb
Barium	137-1	2885.73	2868.19	2834.69	2862.87	0.91	ppb
Beryllium	9-1	362.65	336.73	336.97	345.45	4.31	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Boron	11-1	425.88	429.28	458.58	437.91	4.11	ppb
Boron	10-1	436.00	434.19	460.27	443.49	3.28	ppb
Bromine	81-1						cps
Cadmium	106-1	468.35	466.76	444.76	459.96	2.87	ppb
Cadmium	108-1	444.41	455.19	446.42	448.67	1.28	ppb
Cadmium	111-1	453.32	451.70	443.49	449.50	1.17	ppb
Calcium	43-1	4437541.97	4355405.33	4314368.62	4369105.31	1.44	ppb
Calcium	44-1	4500229.29	4380538.60	4330345.51	4403704.46	1.98	ppb
Chromium	52-2	612.56	612.63	609.26	611.48	0.32	ppb
Cobalt	59-2	546.19	544.38	548.44	546.34	0.37	ppb
Copper	63-2	972.61	970.19	988.74	977.18	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				111		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				98		%
Iron	54-2	161025.77	158810.95	162022.33	160619.68	1.02	ppb
Iron	56-2	158328.01	157866.15	161696.50	159296.89	1.31	ppb
Iron	57-2	162886.11	162695.57	166055.54	163879.08	1.15	ppb
Krypton	83-1						cps
Lead	207-1	567.69	569.13	563.67	566.83	0.50	ppb
Lead	208-1	580.35	581.35	574.66	578.78	0.62	ppb
Lead	206-1	574.94	578.70	567.28	573.64	1.01	ppb

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	L4342-07MSD	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-OFFSITE-2-S	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 18:53:50	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				139		%
Magnesium	24-2	120205.27	118477.38	119738.80	119473.81	0.75	ppb
Manganese	55-2	3822.17	3836.79	3854.61	3837.86	0.42	ppb
Molybdenum	94-1	2228.59	2205.98	2195.78	2210.12	0.76	ppb
Molybdenum	95-1	2109.22	2094.38	2061.85	2088.48	1.16	ppb
Molybdenum	96-1	2145.94	2098.70	2051.00	2098.55	2.26	ppb
Molybdenum	97-1	2140.32	2063.54	2052.59	2085.48	2.29	ppb
Molybdenum	98-1	2121.56	2062.81	2038.03	2074.14	2.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	618.31	607.94	615.19	613.81	0.87	ppb
Phosphorus	31-2	3899.08	3872.97	4268.85	4013.63	5.52	ppb
Potassium	39-2	38922.89	38088.74	38861.99	38624.54	1.20	ppb
Rhodium	103-1				96		%
Rhodium	103-2				92		%
Scandium	45-1				103		%
Scandium	45-2				94		%
Selenium	77-2	553.14	496.11	491.12	513.46	6.71	ppb
Selenium	78-2	421.26	445.45	436.94	434.55	2.82	ppb
Selenium	82-1	436.68	428.12	419.63	428.14	1.99	ppb
Silicon	28-1	11159.31	10477.67	10239.08	10625.35	4.49	ppb
Silver	109-1	467.48	462.08	455.50	461.69	1.30	ppb
Silver	107-1	459.97	461.56	452.37	457.96	1.07	ppb
Sodium	23-2	51287.26	50490.18	51796.20	51191.21	1.29	ppb
Strontium	86-1	3250.27	3182.64	3186.03	3206.31	1.19	ppb
Strontium	88-1	3335.96	3315.73	3294.05	3315.25	0.63	ppb
Sulfur	34-1	-2131.50	-5094.50	-5480.62	-4235.54		ppb
Terbium	159-1				111		%
Terbium	159-2				104		%
Thallium	203-1	504.07	500.97	499.06	501.37	0.50	ppb
Thallium	205-1	510.33	504.15	500.98	505.15	0.94	ppb
Tin	118-1	449.56	443.67	435.63	442.96	1.58	ppb
Titanium	47-1	2475.43	2423.10	2398.27	2432.27	1.62	ppb
Uranium	238-1	534.35	546.76	534.37	538.49	1.33	ppb
Vanadium	51-2	807.53	805.72	818.67	810.64	0.87	ppb
Yttrium	89-1				115		%

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	L4342-07MSD	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-OFFSITE-2-S	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 18:53:50	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				105		%
Zinc	66-2	1068.46	1065.35	1063.15	1065.65	0.25	ppb
Zirconium	90-1	502.21	502.16	502.89	502.42	0.08	ppb
Zirconium	91-1	491.91	495.03	495.48	494.14	0.39	ppb

LB Number : LB111459 Operator : Jaswal
 Lab Sample ID : L4342-07A Instrumnet Name : P8
 Client Sample ID : BACKFILL-OFFSITE-2-S Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 19:00:09 DataFile Name : 038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	79330.46	79168.18	79022.82	79173.82	0.19	ppb
Antimony	121-1	470.80	467.20	449.84	462.61	2.42	ppb
Arsenic	75-2	521.46	521.59	522.24	521.77	0.08	ppb
Barium	135-1	2942.80	2997.92	2814.65	2918.46	3.22	ppb
Barium	137-1	2951.09	3012.51	2818.48	2927.36	3.39	ppb
Beryllium	9-1	370.26	354.49	337.25	354.00	4.66	ppb
Bismuth	209-1				105		%
Bismuth	209-2				99		%
Boron	11-1	441.25	453.97	462.33	452.52	2.35	ppb
Boron	10-1	438.67	454.82	465.58	453.02	2.99	ppb
Bromine	81-1						cps
Cadmium	106-1	475.09	485.74	466.91	475.91	1.98	ppb
Cadmium	108-1	463.60	467.38	456.99	462.66	1.14	ppb
Cadmium	111-1	468.66	468.69	441.71	459.69	3.39	ppb
Calcium	43-1	4399253.62	4439307.44	4307757.05	4382106.04	1.54	ppb
Calcium	44-1	4499221.27	4463743.05	4327152.47	4430038.93	2.05	ppb
Chromium	52-2	618.16	622.63	630.26	623.69	0.98	ppb
Cobalt	59-2	554.10	553.21	563.09	556.80	0.98	ppb
Copper	63-2	991.49	998.37	1015.06	1001.64	1.21	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				109		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				94		%
Iron	54-2	163168.67	163716.17	166061.25	164315.36	0.94	ppb
Iron	56-2	159965.25	160431.57	162947.32	161114.71	1.00	ppb
Iron	57-2	164369.95	166732.38	167797.49	166299.94	1.05	ppb
Krypton	83-1						cps
Lead	207-1	577.77	599.44	566.28	581.16	2.90	ppb
Lead	208-1	587.04	615.54	578.66	593.75	3.26	ppb
Lead	206-1	575.82	608.33	574.59	586.25	3.26	ppb

LB Number : LB111459 Operator : Jaswal
 Lab Sample ID : L4342-07A Instrumnet Name : P8
 Client Sample ID : BACKFILL-OFFSITE-2-S Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 19:00:09 DataFile Name : 038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				136		%
Magnesium	24-2	122251.07	121563.22	120676.14	121496.81	0.65	ppb
Manganese	55-2	3864.80	3822.20	3917.64	3868.21	1.24	ppb
Molybdenum	94-1	2283.57	2284.87	2207.17	2258.54	1.97	ppb
Molybdenum	95-1	2148.44	2156.58	2087.02	2130.68	1.78	ppb
Molybdenum	96-1	2166.68	2133.38	2105.95	2135.34	1.42	ppb
Molybdenum	97-1	2153.68	2151.67	2082.19	2129.18	1.91	ppb
Molybdenum	98-1	2133.43	2166.26	2091.40	2130.36	1.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	634.83	628.63	633.02	632.16	0.50	ppb
Phosphorus	31-2	4032.08	3823.15	4236.38	4030.54	5.13	ppb
Potassium	39-2	39289.59	39532.68	39873.59	39565.28	0.74	ppb
Rhodium	103-1				95		%
Rhodium	103-2				89		%
Scandium	45-1				102		%
Scandium	45-2				91		%
Selenium	77-2	506.63	561.01	492.82	520.15	6.93	ppb
Selenium	78-2	450.09	424.41	441.13	438.54	2.97	ppb
Selenium	82-1	442.15	440.73	423.10	435.33	2.44	ppb
Silicon	28-1	10770.24	10730.81	10358.25	10619.77	2.14	ppb
Silver	109-1	553.39	557.03	524.34	544.92	3.29	ppb
Silver	107-1	553.10	559.26	531.59	547.98	2.65	ppb
Sodium	23-2	52377.08	52730.27	51932.16	52346.51	0.76	ppb
Strontium	86-1	3296.46	3344.46	3191.52	3277.48	2.39	ppb
Strontium	88-1	3335.42	3432.77	3293.35	3353.85	2.13	ppb
Sulfur	34-1	-1677.50	-2831.79	-4683.62	-3064.30		ppb
Terbium	159-1				108		%
Terbium	159-2				101		%
Thallium	203-1	501.89	530.95	497.61	510.15	3.56	ppb
Thallium	205-1	498.27	539.09	507.91	515.09	4.14	ppb
Tin	118-1	458.34	463.84	446.95	456.38	1.89	ppb
Titanium	47-1	2471.23	2500.35	2401.56	2457.71	2.07	ppb
Uranium	238-1	541.18	564.71	546.73	550.87	2.23	ppb
Vanadium	51-2	819.20	819.63	823.98	820.93	0.32	ppb
Yttrium	89-1				112		%

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	L4342-07A	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-OFFSITE-2-S	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 19:00:09	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	1080.48	1095.89	1112.90	1096.43	1.48	ppb
Zirconium	90-1	520.98	532.78	509.66	521.14	2.22	ppb
Zirconium	91-1	507.16	512.86	494.61	504.87	1.85	ppb

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P8
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 19:11:50	DataFile Name :	039CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51512.92	49688.25	50537.05	50579.41	1.81	ppb
Antimony	121-1	461.15	474.22	482.01	472.46	2.23	ppb
Arsenic	75-2	490.26	476.98	494.36	487.20	1.87	ppb
Barium	135-1	2391.85	2481.08	2473.31	2448.75	2.02	ppb
Barium	137-1	2409.27	2447.55	2485.26	2447.36	1.55	ppb
Beryllium	9-1	451.19	480.20	488.98	473.46	4.18	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Boron	11-1	388.43	462.69	513.03	454.72	13.79	ppb
Boron	10-1	401.71	473.87	517.46	464.35	12.59	ppb
Bromine	81-1						cps
Cadmium	106-1	450.72	477.25	467.28	465.09	2.88	ppb
Cadmium	108-1	451.87	470.47	469.85	464.06	2.28	ppb
Cadmium	111-1	450.98	469.71	472.06	464.25	2.49	ppb
Calcium	43-1	234641.94	248679.43	253981.78	245767.72	4.07	ppb
Calcium	44-1	234225.47	243510.60	249727.86	242487.98	3.22	ppb
Chromium	52-2	510.44	487.25	501.12	499.60	2.34	ppb
Cobalt	59-2	508.68	488.35	499.21	498.74	2.04	ppb
Copper	63-2	5070.30	4828.77	4964.20	4954.42	2.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				107		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	54-2	131555.26	125322.49	126410.36	127762.70	2.61	ppb
Iron	56-2	128556.08	122685.54	124513.24	125251.62	2.40	ppb
Iron	57-2	131046.19	125835.47	126934.94	127938.87	2.15	ppb
Krypton	83-1						cps
Lead	207-1	2405.77	2402.45	2530.21	2446.14	2.98	ppb
Lead	208-1	2386.76	2435.84	2523.07	2448.56	2.82	ppb
Lead	206-1	2357.56	2429.58	2559.29	2448.81	4.17	ppb

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P8
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 19:11:50	DataFile Name :	039CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				105		%
Magnesium	24-2	264814.83	253770.24	259141.13	259242.06	2.13	ppb
Manganese	55-2	5223.70	5054.94	5000.45	5093.03	2.29	ppb
Molybdenum	94-1	2344.49	2442.44	2515.70	2434.21	3.53	ppb
Molybdenum	95-1	2348.98	2478.48	2496.23	2441.23	3.29	ppb
Molybdenum	96-1	2390.47	2467.15	2517.36	2458.33	2.60	ppb
Molybdenum	97-1	2377.44	2497.03	2497.41	2457.29	2.81	ppb
Molybdenum	98-1	2359.74	2441.54	2487.40	2429.56	2.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.83	486.31	496.68	496.94	2.17	ppb
Phosphorus	31-2	10020.27	9210.38	10077.56	9769.40	4.96	ppb
Potassium	39-2	132591.83	126475.62	128907.85	129325.10	2.38	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	77-2	533.38	451.19	469.72	484.77	8.89	ppb
Selenium	78-2	490.70	491.21	489.93	490.61	0.13	ppb
Selenium	82-1	463.42	479.65	489.02	477.36	2.71	ppb
Silicon	28-1	261.95	317.68	336.11	305.25	12.65	ppb
Silver	109-1	459.58	470.07	479.34	469.66	2.10	ppb
Silver	107-1	458.10	481.89	484.28	474.76	3.05	ppb
Sodium	23-2	261678.24	251943.38	256726.81	256782.81	1.90	ppb
Strontium	86-1	461.48	482.22	494.86	479.52	3.51	ppb
Strontium	88-1	471.08	487.49	503.03	487.20	3.28	ppb
Sulfur	34-1	5342.19	7632.41	7751.96	6908.85	19.66	ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	457.68	489.44	500.32	482.48	4.59	ppb
Thallium	205-1	476.44	485.16	513.40	491.67	3.93	ppb
Tin	118-1	460.51	483.95	485.47	476.64	2.93	ppb
Titanium	47-1	2320.33	2466.40	2494.30	2427.01	3.85	ppb
Uranium	238-1	480.10	507.82	514.44	500.78	3.64	ppb
Vanadium	51-2	515.77	489.43	505.41	503.54	2.64	ppb
Yttrium	89-1				100		%

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P8
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 19:11:50	DataFile Name :	039CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				98		%
Zinc	66-2	5072.63	4880.11	4970.61	4974.45	1.94	ppb
Zirconium	90-1	473.21	502.11	502.84	492.72	3.43	ppb
Zirconium	91-1	466.08	485.60	493.32	481.67	2.92	ppb

LB Number : LB111459 Operator : Jaswal
 Lab Sample ID : CCB22 Instrumnet Name : P8
 Client Sample ID : CCB22 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 19:22:22 DataFile Name : 040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-4.71	-3.38	-5.20	-4.43		ppb
Antimony	121-1	0.02	0.03	0.03	0.03	21.86	ppb
Arsenic	75-2	-0.24	-0.25	-0.23	-0.24		ppb
Barium	135-1	-0.04	-0.07	-0.06	-0.06		ppb
Barium	137-1	-0.06	-0.05	-0.06	-0.06		ppb
Beryllium	9-1	-0.18	-0.18	-0.20	-0.19		ppb
Bismuth	209-1				101		%
Bismuth	209-2				104		%
Boron	11-1	14.17	15.10	14.95	14.74	3.37	ppb
Boron	10-1	15.52	15.02	15.28	15.27	1.63	ppb
Bromine	81-1						cps
Cadmium	106-1	-8.29	-6.82	-5.71	-6.94		ppb
Cadmium	108-1	-0.18	-0.26	0.07	-0.13		ppb
Cadmium	111-1	-0.91	-0.79	-0.74	-0.81		ppb
Calcium	43-1	-0.08	-3.36	-0.80	-1.41		ppb
Calcium	44-1	-3.08	-4.02	0.09	-2.34		ppb
Chromium	52-2	-0.09	-0.18	-0.10	-0.12		ppb
Cobalt	59-2	-0.21	-0.21	-0.21	-0.21		ppb
Copper	63-2	0.30	0.27	0.35	0.31	12.80	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				103		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	54-2	0.92	0.91	1.24	1.02	18.17	ppb
Iron	56-2	1.50	1.41	1.09	1.33	16.36	ppb
Iron	57-2	1.18	4.87	0.91	2.32	95.32	ppb
Krypton	83-1						cps
Lead	207-1	0.05	0.13	0.08	0.09	43.91	ppb
Lead	208-1	0.10	0.07	0.16	0.11	42.83	ppb
Lead	206-1	0.12	0.07	0.19	0.12	47.85	ppb

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P8
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 19:22:22	DataFile Name :	040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				99		%
Magnesium	24-2	2.82	2.32	3.83	2.99	25.83	ppb
Manganese	55-2	0.08	0.05	0.02	0.05	60.74	ppb
Molybdenum	94-1	0.03	0.00	0.05	0.03	78.23	ppb
Molybdenum	95-1	0.15	0.07	0.05	0.09	59.88	ppb
Molybdenum	96-1	0.16	0.12	0.09	0.12	31.89	ppb
Molybdenum	97-1	0.10	0.10	0.08	0.09	14.60	ppb
Molybdenum	98-1	0.10	0.08	0.12	0.10	17.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.19	-0.27	-0.20	-0.22		ppb
Phosphorus	31-2	-57.80	-38.81	-47.83	-48.15		ppb
Potassium	39-2	53.74	30.53	15.94	33.40	57.07	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	77-2	-2.86	-2.86	-0.68	-2.13		ppb
Selenium	78-2	1.37	-0.35	1.96	0.99	120.53	ppb
Selenium	82-1	0.79	0.54	0.83	0.72	21.94	ppb
Silicon	28-1	8.41	11.82	16.61	12.28	33.56	ppb
Silver	109-1	0.13	0.15	0.16	0.15	11.44	ppb
Silver	107-1	0.11	0.12	0.18	0.14	28.66	ppb
Sodium	23-2	40.36	32.91	28.00	33.76	18.44	ppb
Strontium	86-1	-0.06	-0.17	0.07	-0.06		ppb
Strontium	88-1	-0.07	-0.07	-0.08	-0.08		ppb
Sulfur	34-1	-3686.08	-3070.88	-1752.75	-2836.57		ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	-0.19	-0.24	-0.23	-0.22		ppb
Thallium	205-1	-0.25	-0.24	-0.25	-0.25		ppb
Tin	118-1	-0.03	0.00	-0.01	-0.01		ppb
Titanium	47-1	0.18	0.01	0.07	0.09	99.70	ppb
Uranium	238-1	-0.07	-0.07	-0.07	-0.07		ppb
Vanadium	51-2	-0.07	-0.08	-0.06	-0.07		ppb
Yttrium	89-1				97		%

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P8
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 19:22:22	DataFile Name :	040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				97		%
Zinc	66-2	0.27	0.35	0.48	0.37	29.48	ppb
Zirconium	90-1	0.01	0.01	-0.01	0.00	250.89	ppb
Zirconium	91-1	0.02	0.05	0.06	0.05	43.71	ppb

LB Number : LB111459 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P8
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 16:46:10 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	305	304	291	300	2.53	cps
Antimony	121-1	42	42	0	28	86.60	cps
Arsenic	75-2	42	34	44	40	13.23	cps
Barium	135-1	58	75	33	56	37.75	cps
Barium	137-1	108	75	75	86	22.35	cps
Beryllium	9-1	302	250	300	284	10.37	cps
Bismuth	209-1	3618447	3513965	3520301	3550905	1.65	cps
Bismuth	209-2	2101136	2107847	2127122	2112035	0.64	cps
Boron	11-1	1184	1208	1082	1158	5.78	cps
Boron	10-1	202	238	280	240	16.27	cps
Bromine	81-1	2353	2493	2633	2493	5.62	cps
Cadmium	106-1	2892	2742	2742	2792	3.10	cps
Cadmium	108-1	25	13	17	18	35.25	cps
Cadmium	111-1	2236	2177	2158	2190	1.86	cps
Calcium	43-1	416	396	359	390	7.48	cps
Calcium	44-1	20038	19979	19851	19956	0.48	cps
Chromium	52-2	883	943	907	911	3.32	cps
Cobalt	59-2	370	373	400	381	4.31	cps
Copper	63-2	787	950	797	844	10.84	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	33	42	33	36	13.33	cps
Erbium	164-2	10	13	23	16	44.60	cps
Gadolinium	160-1	58	42	33	44	28.64	cps
Gadolinium	160-2	17	20	20	19	10.18	cps
Holmium	165-1	6118615	6118096	6029004	6088572	0.85	cps
Holmium	165-2	3030945	3080329	3122704	3077993	1.49	cps
Indium	115-1	6182755	5975147	5877564	6011822	2.59	cps
Indium	115-2	952712	965440	964186	960779	0.73	cps
Iron	54-2	333	300	422	352	17.96	cps
Iron	56-2	1939	2056	2034	2009	3.08	cps
Iron	57-2	122	83	117	107	19.59	cps
Krypton	83-1	393	477	500	457	12.28	cps
Lead	207-1	633	711	767	704	9.52	cps
Lead	208-1	3422	3122	3184	3243	4.89	cps
Lead	206-1	839	789	806	811	3.14	cps

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 16:46:10	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1959569	1926416	1909068	1931684	1.33	cps
Magnesium	24-2	308	425	333	356	17.28	cps
Manganese	55-2	117	57	83	86	35.14	cps
Molybdenum	94-1	167	158	167	164	2.93	cps
Molybdenum	95-1	17	8	25	17	50.01	cps
Molybdenum	96-1	183	108	175	156	26.43	cps
Molybdenum	97-1	50	25	25	33	43.30	cps
Molybdenum	98-1	58	42	33	44	28.64	cps
Neodymium	150-1	20	7	20	16	49.47	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	190	153	203	182	14.21	cps
Phosphorus	31-2	225	233	317	258	19.62	cps
Potassium	39-2	24471	24463	23720	24218	1.78	cps
Rhodium	103-1	5982076	5759838	5798373	5846762	2.03	cps
Rhodium	103-2	2818588	2805006	2855975	2826523	0.93	cps
Scandium	45-1	4335045	4124976	4172825	4210949	2.61	cps
Scandium	45-2	140081	140897	142133	141037	0.73	cps
Selenium	77-2	10	3	0	4	114.60	cps
Selenium	78-2	27	32	36	32	14.24	cps
Selenium	82-1	-1	-54	-27	-27	-97.84	cps
Silicon	28-1	854801	852858	865499	857719	0.79	cps
Silver	109-1	158	125	75	119	35.12	cps
Silver	107-1	175	108	158	147	23.57	cps
Sodium	23-2	10246	10195	9695	10045	3.03	cps
Strontium	86-1	783	808	792	794	1.60	cps
Strontium	88-1	758	767	867	797	7.56	cps
Sulfur	34-1	610018	616224	612368	612870	0.51	cps
Terbium	159-1	6510131	6450945	6278340	6413139	1.88	cps
Terbium	159-2	3048836	3092303	3041219	3060786	0.90	cps
Thallium	203-1	583	467	642	564	15.80	cps
Thallium	205-1	1542	1475	1325	1447	7.67	cps
Tin	118-1	167	358	275	267	36.04	cps
Titanium	47-1	442	367	383	397	9.92	cps
Uranium	238-1	400	350	483	411	16.38	cps
Vanadium	51-2	73	60	87	73	18.18	cps
Yttrium	89-1	10565646	10447552	10203249	10405482	1.78	cps

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 16:46:10	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1167730	1165833	1180543	1171369	0.68	cps
Zinc	66-2	203	217	187	202	7.43	cps
Zirconium	90-1	375	358	433	389	10.13	cps
Zirconium	91-1	92	67	17	58	65.46	cps

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 16:49:18	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	632	697	661	664	4.91	cps
Antimony	121-1	6727	6018	6102	6282	6.17	cps
Arsenic	75-2	164	160	151	158	4.20	cps
Barium	135-1	5735	6435	5718	5963	6.86	cps
Barium	137-1	10421	10821	10571	10604	1.91	cps
Beryllium	9-1	1018	1038	994	1017	2.17	cps
Bismuth	209-1	3289366	3466837	3467727	3407977	3.01	cps
Bismuth	209-2	2145492	2037203	2105798	2096164	2.61	cps
Boron	11-1	6534	7500	8147	7394	10.98	cps
Boron	10-1	1392	1538	1846	1592	14.56	cps
Bromine	81-1	2373	2603	2623	2533	5.49	cps
Cadmium	106-1	2675	2467	2534	2559	4.16	cps
Cadmium	108-1	79	46	75	67	27.25	cps
Cadmium	111-1	2826	2741	2600	2722	4.18	cps
Calcium	43-1	4245	4360	4426	4344	2.11	cps
Calcium	44-1	86674	87131	86002	86602	0.66	cps
Chromium	52-2	2620	2667	2470	2586	3.97	cps
Cobalt	59-2	1870	1950	1810	1877	3.74	cps
Copper	63-2	3447	3254	3084	3262	5.58	cps
Dysprosium	156-1	0	25	0	8	173.21	cps
Dysprosium	156-2	7	7	10	8	24.71	cps
Erbium	164-1	33	8	33	25	57.74	cps
Erbium	164-2	23	13	17	18	28.64	cps
Gadolinium	160-1	42	58	75	58	28.57	cps
Gadolinium	160-2	20	37	27	28	30.20	cps
Holmium	165-1	5780139	5968324	5863469	5870644	1.61	cps
Holmium	165-2	3129994	2974428	3084739	3063054	2.61	cps
Indium	115-1	5708141	5953810	5838895	5833615	2.11	cps
Indium	115-2	965139	940386	945055	950193	1.38	cps
Iron	54-2	1956	2545	2178	2226	13.36	cps
Iron	56-2	37800	37366	37154	37440	0.88	cps
Iron	57-2	1022	978	950	983	3.70	cps
Krypton	83-1	420	413	463	432	6.28	cps
Lead	207-1	2067	1939	2161	2056	5.43	cps
Lead	208-1	9329	9085	8979	9131	1.97	cps
Lead	206-1	2511	2117	2245	2291	8.79	cps

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 16:49:18	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1865080	1926917	1916283	1902760	1.74	cps
Magnesium	24-2	28453	26951	27994	27799	2.77	cps
Manganese	55-2	507	487	450	481	5.97	cps
Molybdenum	94-1	5868	5918	6010	5932	1.21	cps
Molybdenum	95-1	7077	6877	7260	7071	2.71	cps
Molybdenum	96-1	8144	8144	7869	8053	1.97	cps
Molybdenum	97-1	4259	4493	4376	4376	2.67	cps
Molybdenum	98-1	11347	11155	11188	11230	0.91	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	603	530	513	549	8.72	cps
Phosphorus	31-2	217	142	167	175	21.82	cps
Potassium	39-2	45589	45899	45815	45768	0.35	cps
Rhodium	103-1	5549002	5729259	5632425	5636896	1.60	cps
Rhodium	103-2	2850622	2740870	2811639	2801044	1.99	cps
Scandium	45-1	3944206	4098623	4168642	4070490	2.82	cps
Scandium	45-2	143422	139080	138477	140326	1.92	cps
Selenium	77-2	13	17	7	12	41.65	cps
Selenium	78-2	68	53	69	63	14.15	cps
Selenium	82-1	253	240	169	220	20.52	cps
Silicon	28-1	893206	897777	891434	894139	0.37	cps
Silver	109-1	3384	3534	3409	3442	2.34	cps
Silver	107-1	3442	3742	3659	3614	4.29	cps
Sodium	23-2	62844	63279	63957	63360	0.89	cps
Strontium	86-1	1784	1675	1467	1642	9.80	cps
Strontium	88-1	8228	8511	8853	8531	3.67	cps
Sulfur	34-1	615006	615619	616014	615546	0.08	cps
Terbium	159-1	6080143	6326894	6327483	6244840	2.28	cps
Terbium	159-2	3098292	3004139	3018680	3040371	1.67	cps
Thallium	203-1	2284	2242	2475	2334	5.33	cps
Thallium	205-1	5726	5826	5660	5738	1.46	cps
Tin	118-1	10813	11322	10813	10982	2.67	cps
Titanium	47-1	2417	2634	2425	2492	4.93	cps
Uranium	238-1	5343	5510	5276	5376	2.24	cps
Vanadium	51-2	3667	3540	3477	3562	2.72	cps
Yttrium	89-1	9951491	10222602	10190771	10121622	1.46	cps

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 16:49:18	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1169909	1149430	1153112	1157484	0.94	cps
Zinc	66-2	550	570	523	548	4.27	cps
Zirconium	90-1	5359	5218	5184	5254	1.77	cps
Zirconium	91-1	1217	1083	1158	1153	5.80	cps

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 16:52:28	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18989	18750	18775	18838	0.70	cps
Antimony	121-1	166445	164970	165317	165577	0.47	cps
Arsenic	75-2	5946	6128	5925	6000	1.86	cps
Barium	135-1	163664	166331	165790	165261	0.85	cps
Barium	137-1	286902	283575	289910	286796	1.10	cps
Beryllium	9-1	39459	39491	38911	39287	0.83	cps
Bismuth	209-1	3611797	3575395	3508593	3565262	1.47	cps
Bismuth	209-2	2113250	2142935	2133425	2129870	0.71	cps
Boron	11-1	14302	15651	16802	15585	8.03	cps
Boron	10-1	2946	3226	3522	3231	8.91	cps
Bromine	81-1	2753	2573	2473	2600	5.46	cps
Cadmium	106-1	6168	6935	6727	6610	6.00	cps
Cadmium	108-1	2596	2771	2850	2739	4.75	cps
Cadmium	111-1	39864	40286	39262	39804	1.29	cps
Calcium	43-1	43749	44386	44450	44195	0.88	cps
Calcium	44-1	740606	743195	739093	740965	0.28	cps
Chromium	52-2	44887	45586	45365	45279	0.79	cps
Cobalt	59-2	78960	80302	78957	79407	0.98	cps
Copper	63-2	588424	592584	582193	587734	0.89	cps
Dysprosium	156-1	17	25	33	25	33.32	cps
Dysprosium	156-2	13	3	10	9	57.30	cps
Erbium	164-1	100	33	25	53	77.89	cps
Erbium	164-2	3	27	10	13	90.16	cps
Gadolinium	160-1	50	58	50	53	9.12	cps
Gadolinium	160-2	30	27	20	26	19.92	cps
Holmium	165-1	6088370	6152909	6073888	6105056	0.69	cps
Holmium	165-2	3141220	3119770	3037112	3099367	1.77	cps
Indium	115-1	6002219	6044716	5839875	5962270	1.81	cps
Indium	115-2	960191	969827	959924	963314	0.59	cps
Iron	54-2	96540	95871	94655	95689	1.00	cps
Iron	56-2	1682624	1730780	1726902	1713435	1.56	cps
Iron	57-2	42513	42374	42926	42605	0.67	cps
Krypton	83-1	400	480	517	466	12.81	cps
Lead	207-1	370055	376108	371667	372610	0.84	cps
Lead	208-1	1676132	1689223	1678200	1681185	0.42	cps
Lead	206-1	414074	422747	417363	418061	1.05	cps

LB Number : LB111459 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 16:52:28 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1952443	1997733	1931667	1960615	1.72	cps
Magnesium	24-2	296745	292349	295232	294776	0.76	cps
Manganese	55-2	209926	211549	209550	210342	0.50	cps
Molybdenum	94-1	307924	309992	316897	311604	1.51	cps
Molybdenum	95-1	381030	383004	379857	381297	0.42	cps
Molybdenum	96-1	420783	427576	419403	422587	1.04	cps
Molybdenum	97-1	234885	234939	234455	234760	0.11	cps
Molybdenum	98-1	606743	598198	600364	601768	0.74	cps
Neodymium	150-1	0	7	20	9	114.55	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	21820	22217	21760	21933	1.13	cps
Phosphorus	31-2	1550	1525	1183	1420	14.43	cps
Potassium	39-2	138275	140587	138208	139023	0.97	cps
Rhodium	103-1	5835371	5776010	5824917	5812099	0.55	cps
Rhodium	103-2	2838271	2800085	2843025	2827127	0.83	cps
Scandium	45-1	4159629	4071248	4079467	4103448	1.19	cps
Scandium	45-2	139511	142372	142099	141327	1.12	cps
Selenium	77-2	80	47	83	70	28.96	cps
Selenium	78-2	301	296	318	305	3.78	cps
Selenium	82-1	2516	2439	2531	2495	1.98	cps
Silicon	28-1	1000012	1026911	1043478	1023467	2.14	cps
Silver	109-1	179341	174345	179297	177661	1.62	cps
Silver	107-1	183805	187798	185400	185668	1.08	cps
Sodium	23-2	580456	575866	575660	577327	0.47	cps
Strontium	86-1	50985	50567	51136	50896	0.58	cps
Strontium	88-1	421365	421282	422959	421869	0.22	cps
Sulfur	34-1	627510	626489	626072	626690	0.12	cps
Terbium	159-1	6514702	6541957	6529022	6528560	0.21	cps
Terbium	159-2	3057093	3046862	3065177	3056377	0.30	cps
Thallium	203-1	99370	99018	99572	99320	0.28	cps
Thallium	205-1	234976	233681	237451	235369	0.81	cps
Tin	118-1	116031	118688	115392	116704	1.50	cps
Titanium	47-1	113968	113305	113482	113585	0.30	cps
Uranium	238-1	277100	280434	279124	278886	0.60	cps
Vanadium	51-2	36162	36129	36283	36191	0.22	cps
Yttrium	89-1	10280864	10246240	10121302	10216135	0.82	cps

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 16:52:28	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1164676	1173649	1158483	1165603	0.65	cps
Zinc	66-2	82964	82498	81067	82176	1.20	cps
Zirconium	90-1	259278	256528	254364	256723	0.96	cps
Zirconium	91-1	58574	58624	58298	58498	0.30	cps

LB Number : LB111459 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 16:55:35 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	46914	46739	46331	46661	0.64	cps
Antimony	121-1	411904	419172	413933	415003	0.90	cps
Arsenic	75-2	14998	15015	14852	14955	0.60	cps
Barium	135-1	415187	421686	413034	416636	1.08	cps
Barium	137-1	712905	718397	719838	717047	0.51	cps
Beryllium	9-1	98860	99589	100155	99535	0.65	cps
Bismuth	209-1	3543995	3589215	3578118	3570442	0.66	cps
Bismuth	209-2	2030953	1975821	2187653	2064809	5.32	cps
Boron	11-1	33876	37873	40600	37450	9.03	cps
Boron	10-1	7120	7733	8465	7773	8.66	cps
Bromine	81-1	2503	2593	2313	2469	5.80	cps
Cadmium	106-1	11955	12156	12648	12253	2.91	cps
Cadmium	108-1	6827	6873	6777	6825	0.70	cps
Cadmium	111-1	94433	96600	96119	95717	1.19	cps
Calcium	43-1	109697	110396	109867	109987	0.33	cps
Calcium	44-1	1849570	1821993	1837160	1836241	0.75	cps
Chromium	52-2	110428	111537	111080	111015	0.50	cps
Cobalt	59-2	198991	196126	197612	197576	0.73	cps
Copper	63-2	1432112	1445392	1434534	1437346	0.49	cps
Dysprosium	156-1	17	33	17	22	43.28	cps
Dysprosium	156-2	10	13	10	11	17.30	cps
Erbium	164-1	42	25	25	31	31.50	cps
Erbium	164-2	20	17	27	21	24.12	cps
Gadolinium	160-1	58	42	100	67	45.07	cps
Gadolinium	160-2	40	20	33	31	32.73	cps
Holmium	165-1	6074545	6219300	6135745	6143197	1.18	cps
Holmium	165-2	2996178	2907898	3165781	3023285	4.34	cps
Indium	115-1	6073997	6040289	6082246	6065511	0.37	cps
Indium	115-2	928626	907989	981976	939530	4.06	cps
Iron	54-2	238978	237087	237460	237842	0.42	cps
Iron	56-2	4228402	4218004	4149805	4198737	1.02	cps
Iron	57-2	106444	104839	104625	105303	0.94	cps
Krypton	83-1	453	463	523	480	7.89	cps
Lead	207-1	926265	941088	949276	938877	1.24	cps
Lead	208-1	4242170	4262969	4317407	4274182	0.91	cps
Lead	206-1	1061860	1045124	1074169	1060385	1.37	cps

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 16:55:35	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	2012516	1946691	1996511	1985239	1.73	cps
Magnesium	24-2	735188	728309	727973	730490	0.56	cps
Manganese	55-2	519564	522624	526393	522861	0.65	cps
Molybdenum	94-1	782628	781313	778039	780660	0.30	cps
Molybdenum	95-1	949786	965672	948160	954539	1.01	cps
Molybdenum	96-1	1056327	1063131	1050063	1056507	0.62	cps
Molybdenum	97-1	587572	589781	588280	588544	0.19	cps
Molybdenum	98-1	1507938	1488402	1530421	1508920	1.39	cps
Neodymium	150-1	40	53	13	36	57.29	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	54611	54845	54745	54734	0.21	cps
Phosphorus	31-2	3317	3459	3601	3459	4.10	cps
Potassium	39-2	308167	311892	311279	310446	0.64	cps
Rhodium	103-1	5771044	5812290	5896383	5826572	1.10	cps
Rhodium	103-2	2724296	2615353	2839252	2726300	4.11	cps
Scandium	45-1	4188914	4228343	4190528	4202595	0.53	cps
Scandium	45-2	136328	131348	142821	136832	4.20	cps
Selenium	77-2	190	217	193	200	7.26	cps
Selenium	78-2	728	699	738	722	2.81	cps
Selenium	82-1	6513	6510	6414	6479	0.87	cps
Silicon	28-1	1225945	1289380	1324798	1280041	3.91	cps
Silver	109-1	445594	449399	443232	446075	0.70	cps
Silver	107-1	470150	468245	476416	471603	0.91	cps
Sodium	23-2	1412528	1411776	1381085	1401796	1.28	cps
Strontium	86-1	122551	124856	121214	122874	1.50	cps
Strontium	88-1	1065704	1074492	1060643	1066946	0.66	cps
Sulfur	34-1	641014	648357	640798	643389	0.67	cps
Terbium	159-1	6523066	6635428	6554528	6571007	0.88	cps
Terbium	159-2	3007688	2916911	3161148	3028582	4.08	cps
Thallium	203-1	247944	250293	247076	248438	0.67	cps
Thallium	205-1	609339	594102	598164	600535	1.31	cps
Tin	118-1	289540	292174	293366	291693	0.67	cps
Titanium	47-1	282773	286207	284561	284514	0.60	cps
Uranium	238-1	696105	709066	707285	704152	1.00	cps
Vanadium	51-2	90319	89903	90725	90316	0.46	cps
Yttrium	89-1	10223152	10449734	10108762	10260549	1.69	cps

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 16:55:35	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1133202	1099956	1186900	1140019	3.85	cps
Zinc	66-2	200721	200890	202191	201267	0.40	cps
Zirconium	90-1	653229	648580	646476	649428	0.53	cps
Zirconium	91-1	143567	143483	146218	144423	1.08	cps

LB Number : LB111459 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 16:58:39 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92680	90909	91253	91614	1.03	cps
Antimony	121-1	814401	828732	824396	822509	0.89	cps
Arsenic	75-2	29407	29611	29805	29608	0.67	cps
Barium	135-1	820171	831276	830353	827267	0.74	cps
Barium	137-1	1425187	1447263	1430539	1434330	0.80	cps
Beryllium	9-1	194749	194049	195022	194607	0.26	cps
Bismuth	209-1	3519375	3630007	3577118	3575500	1.55	cps
Bismuth	209-2	2078943	2100552	2161345	2113613	2.02	cps
Boron	11-1	65106	73929	78803	72613	9.56	cps
Boron	10-1	13604	14845	16490	14979	9.67	cps
Bromine	81-1	2543	2653	2303	2499	7.17	cps
Cadmium	106-1	21692	22085	21918	21898	0.90	cps
Cadmium	108-1	13573	13878	13828	13760	1.19	cps
Cadmium	111-1	191795	188478	188977	189750	0.94	cps
Calcium	43-1	218675	218622	219387	218894	0.20	cps
Calcium	44-1	3616808	3649959	3607058	3624608	0.62	cps
Chromium	52-2	221858	219780	221479	221039	0.50	cps
Cobalt	59-2	391444	388811	390935	390396	0.36	cps
Copper	63-2	2923071	2916510	2920978	2920186	0.11	cps
Dysprosium	156-1	8	42	42	31	62.99	cps
Dysprosium	156-2	7	23	0	10	120.16	cps
Erbium	164-1	42	33	8	28	62.46	cps
Erbium	164-2	17	17	33	22	43.28	cps
Gadolinium	160-1	67	58	17	47	56.72	cps
Gadolinium	160-2	20	13	20	18	21.66	cps
Holmium	165-1	6173482	6298443	6141524	6204483	1.34	cps
Holmium	165-2	3106049	3045931	3192818	3114933	2.37	cps
Indium	115-1	5954574	6107055	6124555	6062061	1.54	cps
Indium	115-2	950210	939588	971669	953822	1.71	cps
Iron	54-2	469974	466594	464145	466904	0.63	cps
Iron	56-2	8391580	8284213	8280594	8318795	0.76	cps
Iron	57-2	212814	209015	211198	211009	0.90	cps
Krypton	83-1	453	413	393	420	7.28	cps
Lead	207-1	1914507	1916981	1865199	1898896	1.54	cps
Lead	208-1	8559261	8618188	8505372	8560940	0.66	cps
Lead	206-1	2100639	2148526	2124213	2124459	1.13	cps

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 16:58:39	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1966885	1972919	1984364	1974723	0.45	cps
Magnesium	24-2	1448860	1441170	1466930	1452320	0.91	cps
Manganese	55-2	1048712	1039976	1043850	1044179	0.42	cps
Molybdenum	94-1	1520125	1531353	1521243	1524240	0.41	cps
Molybdenum	95-1	1853581	1872531	1902701	1876271	1.32	cps
Molybdenum	96-1	2066554	2068288	2095085	2076642	0.77	cps
Molybdenum	97-1	1153332	1182011	1170689	1168677	1.24	cps
Molybdenum	98-1	2987424	2965197	2966566	2973063	0.42	cps
Neodymium	150-1	33	33	73	47	49.50	cps
Neodymium	150-2	3	3	10	6	69.34	cps
Nickel	60-2	107794	107979	106610	107461	0.69	cps
Phosphorus	31-2	7360	6343	6610	6771	7.79	cps
Potassium	39-2	598135	591109	593209	594151	0.61	cps
Rhodium	103-1	5721761	5848619	5785680	5785354	1.10	cps
Rhodium	103-2	2691280	2743247	2825803	2753443	2.46	cps
Scandium	45-1	4206335	4292711	4222383	4240476	1.08	cps
Scandium	45-2	140273	138264	142291	140276	1.44	cps
Selenium	77-2	450	367	430	416	10.47	cps
Selenium	78-2	1391	1360	1373	1375	1.13	cps
Selenium	82-1	12418	12590	12628	12545	0.89	cps
Silicon	28-1	1607611	1764882	1767515	1713336	5.34	cps
Silver	109-1	873213	889780	884794	882596	0.96	cps
Silver	107-1	929989	938023	931376	933130	0.46	cps
Sodium	23-2	2758806	2786558	2767683	2771016	0.51	cps
Strontium	86-1	244801	252729	250059	249196	1.62	cps
Strontium	88-1	2052844	2109095	2101492	2087811	1.46	cps
Sulfur	34-1	672833	677607	671608	674016	0.47	cps
Terbium	159-1	6460209	6598199	6633021	6563810	1.39	cps
Terbium	159-2	3030798	3021987	3139267	3064017	2.13	cps
Thallium	203-1	493156	488624	487530	489770	0.61	cps
Thallium	205-1	1180852	1183559	1197290	1187234	0.74	cps
Tin	118-1	572872	573355	583605	576611	1.05	cps
Titanium	47-1	567733	570885	563801	567473	0.63	cps
Uranium	238-1	1401406	1423441	1427065	1417304	0.98	cps
Vanadium	51-2	183672	181275	181566	182171	0.72	cps
Yttrium	89-1	10226667	10412880	10675657	10438401	2.16	cps

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 16:58:39	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1160911	1146097	1189577	1165528	1.90	cps
Zinc	66-2	402500	403232	401528	402420	0.21	cps
Zirconium	90-1	1281566	1316887	1303952	1300801	1.37	cps
Zirconium	91-1	285647	289299	290021	288322	0.81	cps

LB Number : LB111459 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 17:01:38 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	180761	181793	183157	181904	0.66	cps
Antimony	121-1	1612543	1614127	1618075	1614915	0.18	cps
Arsenic	75-2	59431	59323	59073	59275	0.31	cps
Barium	135-1	1627081	1639709	1617863	1628218	0.67	cps
Barium	137-1	2784682	2808097	2805586	2799455	0.46	cps
Beryllium	9-1	379843	384321	380703	381622	0.62	cps
Bismuth	209-1	3494903	3429491	3598051	3507482	2.42	cps
Bismuth	209-2	2117629	2119711	2090047	2109129	0.79	cps
Boron	11-1	127313	143352	153804	141490	9.43	cps
Boron	10-1	26206	29445	31647	29100	9.41	cps
Bromine	81-1	2363	2463	2393	2406	2.14	cps
Cadmium	106-1	41563	40502	42299	41455	2.18	cps
Cadmium	108-1	26133	27260	27611	27001	2.86	cps
Cadmium	111-1	374453	374542	376624	375206	0.33	cps
Calcium	43-1	431512	437876	432433	433941	0.79	cps
Calcium	44-1	7069518	7197736	7100968	7122741	0.94	cps
Chromium	52-2	437233	441260	440614	439702	0.49	cps
Cobalt	59-2	779760	777756	780273	779263	0.17	cps
Copper	63-2	5753585	5708608	5697891	5720028	0.52	cps
Dysprosium	156-1	108	92	83	94	13.48	cps
Dysprosium	156-2	7	20	10	12	56.76	cps
Erbium	164-1	42	42	17	33	43.30	cps
Erbium	164-2	13	13	13	13	0.00	cps
Gadolinium	160-1	42	75	50	56	31.22	cps
Gadolinium	160-2	33	30	33	32	5.97	cps
Holmium	165-1	6039507	6030268	6302094	6123956	2.52	cps
Holmium	165-2	3107595	3115343	3140535	3121158	0.55	cps
Indium	115-1	5887023	5895965	6084334	5955774	1.87	cps
Indium	115-2	953429	962817	963446	959898	0.58	cps
Iron	54-2	931112	929646	928089	929616	0.16	cps
Iron	56-2	16781150	16710513	16631916	16707860	0.45	cps
Iron	57-2	420287	417136	419463	418962	0.39	cps
Krypton	83-1	410	463	413	429	6.97	cps
Lead	207-1	3824492	3779082	3772966	3792180	0.74	cps
Lead	208-1	17033153	16879952	16861615	16924907	0.56	cps
Lead	206-1	4237287	4250156	4231824	4239756	0.22	cps

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:01:38	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1951471	1921154	1926085	1932903	0.84	cps
Magnesium	24-2	2835803	2793250	2878200	2835751	1.50	cps
Manganese	55-2	2067921	2061944	2073613	2067826	0.28	cps
Molybdenum	94-1	2990852	3099137	3045708	3045232	1.78	cps
Molybdenum	95-1	3634458	3831014	3722316	3729263	2.64	cps
Molybdenum	96-1	4053717	4180178	4112743	4115546	1.54	cps
Molybdenum	97-1	2331686	2375295	2336022	2347668	1.02	cps
Molybdenum	98-1	5775835	5871558	5915981	5854458	1.22	cps
Neodymium	150-1	73	60	93	76	22.21	cps
Neodymium	150-2	20	7	7	11	69.25	cps
Nickel	60-2	214158	211891	214617	213555	0.68	cps
Phosphorus	31-2	12856	12923	12931	12903	0.32	cps
Potassium	39-2	1140852	1147064	1184865	1157594	2.06	cps
Rhodium	103-1	5719883	5645379	5867061	5744108	1.96	cps
Rhodium	103-2	2777260	2822976	2813950	2804729	0.86	cps
Scandium	45-1	4070764	4102457	4214231	4129151	1.83	cps
Scandium	45-2	140761	141547	141284	141197	0.28	cps
Selenium	77-2	787	843	800	810	3.66	cps
Selenium	78-2	2684	2656	2722	2687	1.23	cps
Selenium	82-1	25305	25486	25711	25501	0.80	cps
Silicon	28-1	2458003	2632209	2786548	2625586	6.26	cps
Silver	109-1	1705058	1692522	1698245	1698608	0.37	cps
Silver	107-1	1827189	1852062	1845983	1841745	0.70	cps
Sodium	23-2	5516197	5402348	5454579	5457708	1.04	cps
Strontium	86-1	499000	486512	495244	493586	1.30	cps
Strontium	88-1	4169131	4060287	4133269	4120896	1.35	cps
Sulfur	34-1	729317	729077	731555	729983	0.19	cps
Terbium	159-1	6492676	6297613	6712207	6500832	3.19	cps
Terbium	159-2	3128413	3101287	3075685	3101795	0.85	cps
Thallium	203-1	982539	1001350	993319	992402	0.95	cps
Thallium	205-1	2351630	2318436	2351358	2340475	0.82	cps
Tin	118-1	1153355	1153060	1157609	1154675	0.22	cps
Titanium	47-1	1128557	1123958	1125312	1125942	0.21	cps
Uranium	238-1	2816959	2827607	2800105	2814890	0.49	cps
Vanadium	51-2	362959	358534	361448	360980	0.62	cps
Yttrium	89-1	10331357	9970923	10373264	10225181	2.16	cps

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:01:38	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1161409	1186379	1173386	1173724	1.06	cps
Zinc	66-2	798055	794605	794035	795565	0.27	cps
Zirconium	90-1	2551345	2516255	2561734	2543111	0.94	cps
Zirconium	91-1	562048	573675	571800	569175	1.10	cps

LB Number : LB111459 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 17:04:38 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	363768	365875	363792	364479	0.33	cps
Antimony	121-1	3247323	3255856	3334437	3279205	1.46	cps
Arsenic	75-2	119019	119308	118674	119000	0.27	cps
Barium	135-1	3241106	3227513	3312317	3260312	1.40	cps
Barium	137-1	5674822	5541080	5628361	5614754	1.21	cps
Beryllium	9-1	756122	763220	758466	759269	0.48	cps
Bismuth	209-1	3499164	3529545	3506518	3511742	0.45	cps
Bismuth	209-2	2156778	2101802	2135453	2131344	1.30	cps
Boron	11-1	263327	294057	308092	288492	7.94	cps
Boron	10-1	54174	60204	62862	59080	7.54	cps
Bromine	81-1	2653	2363	2783	2600	8.28	cps
Cadmium	106-1	81256	79252	80250	80253	1.25	cps
Cadmium	108-1	54089	55448	54256	54598	1.36	cps
Cadmium	111-1	747866	746861	751354	748694	0.31	cps
Calcium	43-1	874137	885577	881256	880323	0.66	cps
Calcium	44-1	14286564	14306333	14357553	14316817	0.26	cps
Chromium	52-2	879049	884675	880346	881357	0.33	cps
Cobalt	59-2	1567168	1574390	1530937	1557498	1.49	cps
Copper	63-2	11348778	11427817	11383780	11386792	0.35	cps
Dysprosium	156-1	58	108	75	81	31.61	cps
Dysprosium	156-2	47	20	27	31	44.61	cps
Erbium	164-1	50	83	8	47	79.58	cps
Erbium	164-2	23	10	20	18	39.03	cps
Gadolinium	160-1	42	75	100	72	40.52	cps
Gadolinium	160-2	13	60	47	40	60.10	cps
Holmium	165-1	6187636	6170956	6108649	6155747	0.68	cps
Holmium	165-2	3149442	3137390	3176111	3154314	0.63	cps
Indium	115-1	5978243	6004359	5973680	5985427	0.28	cps
Indium	115-2	954978	958454	965000	959477	0.53	cps
Iron	54-2	1863925	1914071	1871596	1883197	1.43	cps
Iron	56-2	33583940	33902282	33377457	33621226	0.79	cps
Iron	57-2	840113	838847	833037	837333	0.45	cps
Krypton	83-1	367	487	467	440	14.61	cps
Lead	207-1	7656184	7550121	7508115	7571473	1.01	cps
Lead	208-1	34093103	33923573	33847159	33954612	0.37	cps
Lead	206-1	8462284	8478296	8501472	8480684	0.23	cps

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:04:38	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1917656	1898384	1924271	1913437	0.70	cps
Magnesium	24-2	5575670	5576509	5568554	5573578	0.08	cps
Manganese	55-2	4137231	4199191	4074345	4136922	1.51	cps
Molybdenum	94-1	6143342	6246266	6114130	6167912	1.13	cps
Molybdenum	95-1	7514165	7634830	7503661	7550885	0.97	cps
Molybdenum	96-1	8283928	8405693	8385618	8358413	0.78	cps
Molybdenum	97-1	4689620	4732381	4635502	4685835	1.04	cps
Molybdenum	98-1	12097612	11972002	11926793	11998802	0.74	cps
Neodymium	150-1	120	120	173	138	22.35	cps
Neodymium	150-2	7	10	3	7	50.03	cps
Nickel	60-2	421014	429079	421449	423847	1.07	cps
Phosphorus	31-2	26333	25565	26107	26002	1.52	cps
Potassium	39-2	2219326	2275889	2257318	2250844	1.28	cps
Rhodium	103-1	5811800	5649463	5675468	5712243	1.53	cps
Rhodium	103-2	2818421	2728751	2800152	2782441	1.70	cps
Scandium	45-1	4193797	4113501	4149620	4152306	0.97	cps
Scandium	45-2	143146	142839	145240	143742	0.91	cps
Selenium	77-2	1483	1513	1667	1555	6.33	cps
Selenium	78-2	5275	5251	5172	5233	1.02	cps
Selenium	82-1	51393	51636	51599	51543	0.25	cps
Silicon	28-1	3963629	4265521	4418206	4215785	5.49	cps
Silver	109-1	3466894	3470337	3532738	3489990	1.06	cps
Silver	107-1	3692353	3655902	3739105	3695787	1.13	cps
Sodium	23-2	11071753	10735401	11052176	10953110	1.72	cps
Strontium	86-1	995962	983656	991178	990265	0.63	cps
Strontium	88-1	8317700	8203175	8349888	8290254	0.93	cps
Sulfur	34-1	857800	864403	857171	859791	0.47	cps
Terbium	159-1	6668709	6643203	6594545	6635486	0.57	cps
Terbium	159-2	3120935	3136515	3120537	3125995	0.29	cps
Thallium	203-1	1982306	1999291	2003593	1995063	0.56	cps
Thallium	205-1	4666964	4700412	4714161	4693846	0.52	cps
Tin	118-1	2282008	2286302	2327637	2298649	1.10	cps
Titanium	47-1	2206689	2207985	2277521	2230732	1.82	cps
Uranium	238-1	5731693	5728875	5657122	5705896	0.74	cps
Vanadium	51-2	729568	725079	721780	725476	0.54	cps
Yttrium	89-1	10470954	10201664	10456137	10376252	1.46	cps

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:04:38	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1184448	1175293	1178178	1179306	0.40	cps
Zinc	66-2	1562152	1594030	1585877	1580686	1.05	cps
Zirconium	90-1	5120686	5044493	5153520	5106233	1.10	cps
Zirconium	91-1	1169130	1179031	1195099	1181087	1.11	cps

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:07:37	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1738533	1779888	1787380	1768600	1.49	cps
Antimony	121-1	2025	1975	2067	2022	2.27	cps
Arsenic	75-2	56	62	68	62	9.68	cps
Barium	135-1	5426	5835	5585	5615	3.67	cps
Barium	137-1	9754	10379	9687	9940	3.84	cps
Beryllium	9-1	360	364	362	362	0.55	cps
Bismuth	209-1	3382659	3358613	3385919	3375731	0.44	cps
Bismuth	209-2	2037047	2110909	1967803	2038587	3.51	cps
Boron	11-1	47350	42091	38172	42538	10.83	cps
Boron	10-1	9629	8555	7965	8716	9.68	cps
Bromine	81-1	2833	3384	3043	3087	9.00	cps
Cadmium	106-1	2809	2575	2684	2689	4.34	cps
Cadmium	108-1	46	54	38	46	18.19	cps
Cadmium	111-1	2292	2086	2261	2213	5.03	cps
Calcium	43-1	4159332	4246305	4254838	4220158	1.25	cps
Calcium	44-1	69242805	69430029	69700753	69457862	0.33	cps
Chromium	52-2	2864	2830	2950	2881	2.15	cps
Cobalt	59-2	2720	2587	2737	2681	3.07	cps
Copper	63-2	4367	4481	4097	4315	4.57	cps
Dysprosium	156-1	233	225	200	219	7.90	cps
Dysprosium	156-2	97	63	77	79	21.27	cps
Erbium	164-1	33	58	67	53	32.88	cps
Erbium	164-2	17	13	27	19	36.75	cps
Gadolinium	160-1	158	183	275	206	29.88	cps
Gadolinium	160-2	150	150	157	152	2.53	cps
Holmium	165-1	6270291	6188172	6248161	6235542	0.68	cps
Holmium	165-2	3151146	3214339	3117662	3161049	1.55	cps
Indium	115-1	6016247	5873857	6039361	5976488	1.50	cps
Indium	115-2	951578	980799	941436	957938	2.13	cps
Iron	54-2	8626768	8666326	8638768	8643954	0.23	cps
Iron	56-2	159874087	158522665	160571304	159656018	0.65	cps
Iron	57-2	3962379	3931509	3955222	3949703	0.41	cps
Krypton	83-1	410	463	410	428	7.20	cps
Lead	207-1	2011	2156	2011	2059	4.05	cps
Lead	208-1	9752	9835	9668	9752	0.85	cps
Lead	206-1	2406	2478	2484	2456	1.77	cps

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:07:37	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1912415	1875403	1868408	1885409	1.25	cps
Magnesium	24-2	26828397	26683260	26858887	26790182	0.35	cps
Manganese	55-2	2870	2810	2930	2870	2.09	cps
Molybdenum	94-1	2067	1842	2059	1989	6.41	cps
Molybdenum	95-1	2784	2234	2584	2534	10.99	cps
Molybdenum	96-1	3401	3092	3017	3170	6.41	cps
Molybdenum	97-1	1583	1417	1450	1483	5.95	cps
Molybdenum	98-1	4309	3567	3767	3881	9.89	cps
Neodymium	150-1	7	27	20	18	57.27	cps
Neodymium	150-2	7	0	7	4	86.60	cps
Nickel	60-2	860	827	923	870	5.64	cps
Phosphorus	31-2	242	275	150	222	29.13	cps
Potassium	39-2	10567651	10763501	10647545	10659565	0.92	cps
Rhodium	103-1	5675043	5584073	5574910	5611342	0.99	cps
Rhodium	103-2	2720389	2804673	2702086	2742383	2.00	cps
Scandium	45-1	4216114	4134890	4214245	4188416	1.11	cps
Scandium	45-2	144329	149149	143691	145723	2.05	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	35	37	49	40	18.79	cps
Selenium	82-1	39	42	39	40	3.19	cps
Silicon	28-1	1333794	1414750	1438990	1395845	3.95	cps
Silver	109-1	1683	1667	1834	1728	5.31	cps
Silver	107-1	1700	1875	1575	1717	8.78	cps
Sodium	23-2	52228878	52156811	52218439	52201376	0.07	cps
Strontium	86-1	6243	5751	5968	5988	4.12	cps
Strontium	88-1	44472	44772	45023	44756	0.62	cps
Sulfur	34-1	555437	557844	564857	559379	0.87	cps
Terbium	159-1	6611913	6496053	6695480	6601148	1.52	cps
Terbium	159-2	3108558	3166964	3124760	3133427	0.96	cps
Thallium	203-1	867	817	817	833	3.46	cps
Thallium	205-1	2342	1842	1817	2000	14.81	cps
Tin	118-1	800	842	725	789	7.49	cps
Titanium	47-1	583	567	575	575	1.45	cps
Uranium	238-1	667	775	725	722	7.51	cps
Vanadium	51-2	147	160	187	164	12.39	cps
Yttrium	89-1	10599737	10381317	10492175	10491076	1.04	cps

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:07:37	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1180463	1228771	1179865	1196366	2.35	cps
Zinc	66-2	3734	3714	3617	3688	1.69	cps
Zirconium	90-1	1775	1675	1859	1770	5.19	cps
Zirconium	91-1	308	342	367	339	8.63	cps

LB Number : LB111459 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 17:17:02 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9645	9356	9717	9572	2.00	cps
Antimony	121-1	645822	647280	640991	644697	0.51	cps
Arsenic	75-2	24519	24797	24593	24636	0.59	cps
Barium	135-1	66471	65668	67024	66388	1.03	cps
Barium	137-1	114517	114349	115878	114915	0.73	cps
Beryllium	9-1	73967	75597	75127	74897	1.12	cps
Bismuth	209-1	3206614	3317043	3511112	3344923	4.61	cps
Bismuth	209-2	2105138	2052336	2111009	2089494	1.55	cps
Boron	11-1	115922	135969	149629	133840	12.67	cps
Boron	10-1	23774	27829	30618	27407	12.56	cps
Bromine	81-1	2162	2493	2463	2373	7.70	cps
Cadmium	106-1	14082	14099	14783	14322	2.79	cps
Cadmium	108-1	7456	7244	7273	7324	1.57	cps
Cadmium	111-1	78594	79726	80068	79463	0.97	cps
Calcium	43-1	18379	18857	18859	18699	1.48	cps
Calcium	44-1	308231	311487	311999	310572	0.66	cps
Chromium	52-2	90772	90252	91467	90830	0.67	cps
Cobalt	59-2	161447	162243	159634	161108	0.83	cps
Copper	63-2	123148	123330	123703	123394	0.23	cps
Dysprosium	156-1	33	33	25	31	15.74	cps
Dysprosium	156-2	13	13	7	11	34.61	cps
Erbium	164-1	25	8	17	17	50.01	cps
Erbium	164-2	23	10	20	18	39.03	cps
Gadolinium	160-1	42	50	75	56	31.22	cps
Gadolinium	160-2	27	23	17	22	22.91	cps
Holmium	165-1	5858071	5774827	6190439	5941112	3.70	cps
Holmium	165-2	3102887	3046282	3053819	3067662	1.00	cps
Indium	115-1	5679392	5709147	6003676	5797405	3.09	cps
Indium	115-2	971933	944350	952335	956206	1.48	cps
Iron	54-2	76710	76599	78140	77150	1.11	cps
Iron	56-2	1341573	1362119	1345296	1349663	0.81	cps
Iron	57-2	34442	33701	33217	33787	1.83	cps
Krypton	83-1	477	393	457	442	9.84	cps
Lead	207-1	298319	306596	306064	303660	1.53	cps
Lead	208-1	1381262	1422091	1416265	1406539	1.57	cps
Lead	206-1	354783	368482	364025	362430	1.93	cps

LB Number : LB111459 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 17:17:02 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1811061	1813236	1915502	1846600	3.23	cps
Magnesium	24-2	69324	67080	69182	68528	1.83	cps
Manganese	55-2	48164	47479	47847	47830	0.72	cps
Molybdenum	94-1	3098423	3173153	3145368	3138981	1.20	cps
Molybdenum	95-1	3816348	3924772	3961299	3900806	1.93	cps
Molybdenum	96-1	4272062	4366064	4348292	4328806	1.15	cps
Molybdenum	97-1	2447901	2428195	2405572	2427223	0.87	cps
Molybdenum	98-1	6102505	6090568	6104782	6099285	0.13	cps
Neodymium	150-1	0	7	20	9	114.55	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	44473	44015	44593	44360	0.69	cps
Phosphorus	31-2	192	200	217	203	6.28	cps
Potassium	39-2	114469	111984	112916	113123	1.11	cps
Rhodium	103-1	5518962	5442400	5862651	5608004	3.99	cps
Rhodium	103-2	2845037	2836093	2789479	2823536	1.06	cps
Scandium	45-1	3912458	3918889	4240490	4023946	4.66	cps
Scandium	45-2	145020	141834	142137	142997	1.23	cps
Selenium	77-2	377	377	357	370	3.12	cps
Selenium	78-2	1119	1175	1142	1145	2.46	cps
Selenium	82-1	10208	10523	10315	10349	1.55	cps
Silicon	28-1	1669105	1705676	1695718	1690166	1.12	cps
Silver	109-1	168884	169618	171550	170017	0.81	cps
Silver	107-1	180520	181078	179392	180330	0.48	cps
Sodium	23-2	240127	234352	239695	238058	1.35	cps
Strontium	86-1	481408	475593	474763	477255	0.76	cps
Strontium	88-1	3999086	3987973	4056520	4014526	0.92	cps
Sulfur	34-1	568624	576499	562414	569179	1.24	cps
Terbium	159-1	6031779	6102566	6551152	6228499	4.52	cps
Terbium	159-2	3062632	3010839	2990983	3021485	1.22	cps
Thallium	203-1	415020	411584	424364	416990	1.59	cps
Thallium	205-1	976399	994028	979372	983266	0.96	cps
Tin	118-1	1111965	1128367	1128189	1122840	0.84	cps
Titanium	47-1	1141456	1153124	1145181	1146587	0.52	cps
Uranium	238-1	2784499	2819278	2829408	2811062	0.84	cps
Vanadium	51-2	77629	76848	76885	77121	0.57	cps
Yttrium	89-1	9878381	9608918	10537221	10008173	4.77	cps

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:17:02	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1196542	1165841	1167301	1176561	1.47	cps
Zinc	66-2	33413	33413	33115	33314	0.52	cps
Zirconium	90-1	2489119	2486353	2508122	2494531	0.48	cps
Zirconium	91-1	556423	569413	558083	561306	1.26	cps

LB Number : LB111459 Operator : Jaswal
 Lab Sample ID : LLICV01 Instrumnet Name : P8
 Client Sample ID : LLICV01 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 17:41:17 DataFile Name : 016LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	767	712	735	738	3.75	cps
Antimony	121-1	6994	6535	6468	6666	4.29	cps
Arsenic	75-2	127	137	128	131	4.21	cps
Barium	135-1	6777	6543	6568	6630	1.93	cps
Barium	137-1	10880	10763	10963	10869	0.93	cps
Beryllium	9-1	896	890	884	890	0.67	cps
Bismuth	209-1	3443032	3399017	3408724	3416924	0.68	cps
Bismuth	209-2	2069093	2038324	2123050	2076822	2.07	cps
Boron	11-1	8787	9727	10186	9567	7.45	cps
Boron	10-1	1708	2012	2210	1976	12.79	cps
Bromine	81-1	2343	2333	2263	2313	1.89	cps
Cadmium	106-1	2450	3009	2567	2675	11.01	cps
Cadmium	108-1	46	88	58	64	33.47	cps
Cadmium	111-1	2825	3262	2881	2989	7.95	cps
Calcium	43-1	4693	4621	4708	4674	0.99	cps
Calcium	44-1	89987	90421	91076	90495	0.61	cps
Chromium	52-2	2727	2594	2707	2676	2.69	cps
Cobalt	59-2	1660	1630	1757	1682	3.94	cps
Copper	63-2	3711	3747	3490	3649	3.80	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	17	25	17	19	24.73	cps
Erbium	164-2	17	10	13	13	25.01	cps
Gadolinium	160-1	83	50	67	67	25.00	cps
Gadolinium	160-2	0	17	27	14	93.26	cps
Holmium	165-1	5861375	6000507	5941954	5934612	1.18	cps
Holmium	165-2	3033229	2957756	3117240	3036075	2.63	cps
Indium	115-1	5940783	5804335	5822958	5856025	1.26	cps
Indium	115-2	922005	921632	961213	934950	2.43	cps
Iron	54-2	2345	2378	2345	2356	0.82	cps
Iron	56-2	37884	36965	36035	36961	2.50	cps
Iron	57-2	1000	900	917	939	5.71	cps
Krypton	83-1	450	417	453	440	4.61	cps
Lead	207-1	2117	2045	2195	2119	3.54	cps
Lead	208-1	9140	9079	9618	9279	3.18	cps
Lead	206-1	2228	2311	2373	2304	3.15	cps

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:41:17	DataFile Name :	016LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1866764	1886848	1913618	1889077	1.24	cps
Magnesium	24-2	31017	29773	30357	30382	2.05	cps
Manganese	55-2	537	527	527	530	1.09	cps
Molybdenum	94-1	6060	6760	6185	6335	5.90	cps
Molybdenum	95-1	7285	7811	7736	7611	3.73	cps
Molybdenum	96-1	8778	8553	7969	8433	4.95	cps
Molybdenum	97-1	4376	4626	5260	4754	9.58	cps
Molybdenum	98-1	12097	11989	12247	12111	1.07	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	547	557	577	560	2.73	cps
Phosphorus	31-2	192	150	158	167	13.23	cps
Potassium	39-2	46593	46141	46434	46389	0.49	cps
Rhodium	103-1	5697046	5685710	5673704	5685487	0.21	cps
Rhodium	103-2	2739457	2727787	2824622	2763955	1.91	cps
Scandium	45-1	4104771	4077288	4091063	4091041	0.34	cps
Scandium	45-2	138673	137475	142415	139521	1.85	cps
Selenium	77-2	3	20	3	9	108.30	cps
Selenium	78-2	80	61	65	69	14.59	cps
Selenium	82-1	264	297	208	256	17.44	cps
Silicon	28-1	917528	920203	898888	912206	1.27	cps
Silver	109-1	3701	3301	3742	3581	6.81	cps
Silver	107-1	3567	3534	4167	3756	9.49	cps
Sodium	23-2	69600	69851	71015	70155	1.08	cps
Strontium	86-1	1542	1650	1533	1575	4.13	cps
Strontium	88-1	8269	8545	8736	8517	2.76	cps
Sulfur	34-1	582308	582238	575202	579916	0.70	cps
Terbium	159-1	6351777	6423291	6243899	6339656	1.42	cps
Terbium	159-2	2933477	2917084	3081172	2977244	3.04	cps
Thallium	203-1	2267	2050	2142	2153	5.05	cps
Thallium	205-1	5460	4926	5151	5179	5.17	cps
Tin	118-1	11589	11514	12156	11753	2.99	cps
Titanium	47-1	2250	2634	2775	2553	10.64	cps
Uranium	238-1	5310	5310	5426	5348	1.26	cps
Vanadium	51-2	3887	4004	3644	3845	4.78	cps
Yttrium	89-1	10051551	9796983	9890043	9912859	1.30	cps

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:41:17	DataFile Name :	016LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1120831	1123529	1174302	1139554	2.64	cps
Zinc	66-2	570	540	533	548	3.57	cps
Zirconium	90-1	5410	5426	5334	5390	0.91	cps
Zirconium	91-1	1225	1233	1325	1261	4.40	cps

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:44:07	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	309	335	325	323	4.10	cps
Antimony	121-1	33	8	58	33	75.02	cps
Arsenic	75-2	8	10	10	9	12.37	cps
Barium	135-1	17	8	42	22	78.07	cps
Barium	137-1	50	17	8	25	88.19	cps
Beryllium	9-1	116	104	102	107	7.06	cps
Bismuth	209-1	3366320	3412485	3410002	3396269	0.76	cps
Bismuth	209-2	2009755	2062216	2045571	2039181	1.31	cps
Boron	11-1	4010	3752	3784	3848	3.65	cps
Boron	10-1	832	742	790	788	5.71	cps
Bromine	81-1	2413	2593	2343	2449	5.27	cps
Cadmium	106-1	2409	2467	2634	2503	4.67	cps
Cadmium	108-1	0	29	0	10	173.21	cps
Cadmium	111-1	1744	1731	1881	1786	4.64	cps
Calcium	43-1	325	329	349	334	3.82	cps
Calcium	44-1	18506	18485	18328	18440	0.53	cps
Chromium	52-2	943	857	813	871	7.60	cps
Cobalt	59-2	77	83	113	91	21.44	cps
Copper	63-2	730	730	823	761	7.08	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	33	42	25	33	25.01	cps
Erbium	164-2	13	7	17	12	41.65	cps
Gadolinium	160-1	58	50	42	50	16.67	cps
Gadolinium	160-2	7	20	10	12	56.76	cps
Holmium	165-1	5981647	5886343	5903646	5923879	0.86	cps
Holmium	165-2	2974920	3014185	3013412	3000839	0.75	cps
Indium	115-1	5876092	5820927	5817513	5838177	0.56	cps
Indium	115-2	919837	932833	946291	932987	1.42	cps
Iron	54-2	383	311	311	335	12.44	cps
Iron	56-2	2156	2317	2117	2197	4.83	cps
Iron	57-2	72	122	83	93	28.36	cps
Krypton	83-1	420	470	460	450	5.88	cps
Lead	207-1	756	561	683	667	14.74	cps
Lead	208-1	2934	2806	2772	2837	3.00	cps
Lead	206-1	722	739	644	702	7.18	cps

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:44:07	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1906251	1914790	1906151	1909064	0.26	cps
Magnesium	24-2	342	425	325	364	14.72	cps
Manganese	55-2	77	103	97	92	15.05	cps
Molybdenum	94-1	233	200	142	192	24.21	cps
Molybdenum	95-1	67	75	133	92	39.63	cps
Molybdenum	96-1	250	217	208	225	9.80	cps
Molybdenum	97-1	25	17	25	22	21.64	cps
Molybdenum	98-1	117	100	42	86	45.73	cps
Neodymium	150-1	7	0	20	9	114.55	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	103	83	107	98	12.91	cps
Phosphorus	31-2	225	217	158	200	18.16	cps
Potassium	39-2	23370	23111	23486	23322	0.82	cps
Rhodium	103-1	5671760	5623196	5561221	5618726	0.99	cps
Rhodium	103-2	2735716	2745408	2806569	2762564	1.39	cps
Scandium	45-1	4029331	4010175	4079602	4039703	0.89	cps
Scandium	45-2	137702	139174	139530	138802	0.70	cps
Selenium	77-2	3	0	10	4	114.60	cps
Selenium	78-2	33	48	39	40	18.89	cps
Selenium	82-1	26	-58	-24	-19	-223.95	cps
Silicon	28-1	890865	896565	915600	901010	1.44	cps
Silver	109-1	50	33	67	50	33.34	cps
Silver	107-1	67	67	58	64	7.54	cps
Sodium	23-2	11880	11188	11913	11660	3.51	cps
Strontium	86-1	600	650	683	644	6.51	cps
Strontium	88-1	167	158	142	156	8.18	cps
Sulfur	34-1	581657	580006	579039	580234	0.23	cps
Terbium	159-1	6362565	6242496	6337301	6314121	1.00	cps
Terbium	159-2	2920373	2958508	2983107	2953996	1.07	cps
Thallium	203-1	158	217	150	175	20.76	cps
Thallium	205-1	675	458	408	514	27.58	cps
Tin	118-1	292	100	183	192	50.14	cps
Titanium	47-1	350	483	400	411	16.38	cps
Uranium	238-1	58	67	108	78	34.44	cps
Vanadium	51-2	20	10	7	12	56.76	cps
Yttrium	89-1	10203202	10008922	9908737	10040287	1.49	cps

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:44:07	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1123055	1132553	1150571	1135393	1.23	cps
Zinc	66-2	170	183	157	170	7.84	cps
Zirconium	90-1	350	375	317	347	8.43	cps
Zirconium	91-1	83	75	108	89	19.52	cps

LB Number : LB111459 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 17:46:59 DataFile Name : 018ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1784688	1742398	1749083	1758723	1.29	cps
Antimony	121-1	3842	3576	4017	3812	5.84	cps
Arsenic	75-2	48	56	45	50	11.46	cps
Barium	135-1	783	917	933	878	9.37	cps
Barium	137-1	1483	1842	1533	1620	11.98	cps
Beryllium	9-1	328	300	300	309	5.23	cps
Bismuth	209-1	3344330	3315524	3313467	3324441	0.52	cps
Bismuth	209-2	2001871	1977165	2063997	2014344	2.22	cps
Boron	11-1	3810	3594	3484	3629	4.57	cps
Boron	10-1	750	734	710	731	2.75	cps
Bromine	81-1	2473	3063	3194	2910	13.20	cps
Cadmium	106-1	2367	2384	2392	2381	0.54	cps
Cadmium	108-1	583	638	596	606	4.68	cps
Cadmium	111-1	1961	1906	1874	1914	2.30	cps
Calcium	43-1	833665	840616	840109	838130	0.46	cps
Calcium	44-1	13610214	14035124	13866637	13837325	1.55	cps
Chromium	52-2	17704	18142	17704	17850	1.41	cps
Cobalt	59-2	1760	1883	1970	1871	5.64	cps
Copper	63-2	9620	9984	9894	9832	1.93	cps
Dysprosium	156-1	42	0	50	31	87.67	cps
Dysprosium	156-2	10	10	0	7	86.60	cps
Erbium	164-1	17	50	42	36	48.03	cps
Erbium	164-2	17	3	20	13	66.16	cps
Gadolinium	160-1	67	33	100	67	50.00	cps
Gadolinium	160-2	30	17	13	20	44.10	cps
Holmium	165-1	6103406	5880841	6076518	6020255	2.02	cps
Holmium	165-2	3021002	3002151	3034020	3019057	0.53	cps
Indium	115-1	5860976	5674004	5935602	5823527	2.31	cps
Indium	115-2	915855	912284	918083	915408	0.32	cps
Iron	54-2	3599465	3596091	3681528	3625695	1.33	cps
Iron	56-2	65747070	64656226	65018582	65140626	0.85	cps
Iron	57-2	1689827	1654380	1653660	1665956	1.24	cps
Krypton	83-1	457	327	470	418	18.95	cps
Lead	207-1	6096	5813	6040	5983	2.51	cps
Lead	208-1	28563	28691	28952	28735	0.69	cps
Lead	206-1	7758	7630	7969	7786	2.20	cps

LB Number : LB111459 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 17:46:59 DataFile Name : 018ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1932720	1882188	1897452	1904120	1.36	cps
Magnesium	24-2	5329169	5303184	5290941	5307765	0.37	cps
Manganese	55-2	3144	3137	3037	3106	1.92	cps
Molybdenum	94-1	1605666	1628529	1658571	1630922	1.63	cps
Molybdenum	95-1	2821938	2883330	2889535	2864934	1.30	cps
Molybdenum	96-1	3009827	3064832	3065200	3046620	1.05	cps
Molybdenum	97-1	1744635	1819748	1813646	1792676	2.33	cps
Molybdenum	98-1	4448296	4619883	4528529	4532236	1.89	cps
Neodymium	150-1	40	13	27	27	50.01	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	2474	2227	2324	2341	5.31	cps
Phosphorus	31-2	124549	125045	125457	125017	0.36	cps
Potassium	39-2	4328266	4333876	4210137	4290760	1.63	cps
Rhodium	103-1	5600752	5456562	5643615	5566976	1.76	cps
Rhodium	103-2	2642721	2678613	2710830	2677388	1.27	cps
Scandium	45-1	4201774	3942201	4135307	4093094	3.29	cps
Scandium	45-2	136789	134544	136674	136002	0.93	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	31	40	37	36	12.73	cps
Selenium	82-1	-54	88	-39	-2	-4520.33	cps
Silicon	28-1	983511	998728	979559	987266	1.03	cps
Silver	109-1	142	117	133	131	9.75	cps
Silver	107-1	175	158	217	183	16.39	cps
Sodium	23-2	10654999	10902535	10849341	10802292	1.21	cps
Strontium	86-1	33591	34243	33649	33828	1.07	cps
Strontium	88-1	272262	285459	287966	281896	2.99	cps
Sulfur	34-1	1579164	1592237	1555745	1575716	1.17	cps
Terbium	159-1	6436001	6260089	6572831	6422974	2.44	cps
Terbium	159-2	2974849	2975248	2998115	2982737	0.45	cps
Thallium	203-1	200	292	383	292	31.43	cps
Thallium	205-1	667	817	908	797	15.30	cps
Tin	118-1	392	558	508	486	17.59	cps
Titanium	47-1	873291	877611	889615	880172	0.96	cps
Uranium	238-1	125	67	108	100	30.04	cps
Vanadium	51-2	147	147	130	141	6.82	cps
Yttrium	89-1	10072097	9846566	10201444	10040036	1.79	cps

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:46:59	DataFile Name :	018ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1138242	1125217	1142136	1135199	0.78	cps
Zinc	66-2	1987	2104	2017	2036	2.98	cps
Zirconium	90-1	450	375	375	400	10.83	cps
Zirconium	91-1	100	125	92	106	16.43	cps

LB Number : LB111459 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P8
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 17:49:47 DataFile Name : 019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1772051	1746571	1732801	1750475	1.14	cps
Antimony	121-1	67191	68765	69326	68427	1.62	cps
Arsenic	75-2	2398	2530	2348	2426	3.88	cps
Barium	135-1	14708	13766	14216	14230	3.31	cps
Barium	137-1	24205	24949	24823	24659	1.61	cps
Beryllium	9-1	15095	15639	15563	15432	1.91	cps
Bismuth	209-1	3528915	3577711	3509019	3538548	1.00	cps
Bismuth	209-2	2158580	2127752	2034357	2106896	3.07	cps
Boron	11-1	17365	19169	20446	18993	8.15	cps
Boron	10-1	3578	4012	4306	3965	9.24	cps
Bromine	81-1	2693	2853	2953	2833	4.63	cps
Cadmium	106-1	4943	4459	4384	4595	6.60	cps
Cadmium	108-1	1613	1654	1725	1664	3.42	cps
Cadmium	111-1	16993	17097	17082	17057	0.33	cps
Calcium	43-1	831266	851438	851758	844820	1.39	cps
Calcium	44-1	13638491	13815296	14019810	13824533	1.38	cps
Chromium	52-2	33893	35721	35056	34890	2.65	cps
Cobalt	59-2	33025	32627	31896	32516	1.76	cps
Copper	63-2	33279	33573	33242	33365	0.54	cps
Dysprosium	156-1	8	42	42	31	62.99	cps
Dysprosium	156-2	7	7	10	8	24.71	cps
Erbium	164-1	17	50	67	44	57.28	cps
Erbium	164-2	13	40	13	22	69.30	cps
Gadolinium	160-1	50	67	83	67	25.00	cps
Gadolinium	160-2	27	23	30	27	12.51	cps
Holmium	165-1	6229561	6354089	6151595	6245081	1.64	cps
Holmium	165-2	3195506	3197386	3078766	3157219	2.15	cps
Indium	115-1	6145118	6015994	5943977	6035030	1.69	cps
Indium	115-2	956439	955698	932005	948047	1.47	cps
Iron	54-2	3632367	3599862	3541433	3591221	1.28	cps
Iron	56-2	64883811	63953579	65811142	64882844	1.43	cps
Iron	57-2	1639033	1616181	1647036	1634084	0.98	cps
Krypton	83-1	380	443	437	420	8.29	cps
Lead	207-1	32914	33276	33488	33226	0.87	cps
Lead	208-1	152356	154330	152885	153190	0.67	cps
Lead	206-1	40157	39895	38557	39536	2.17	cps

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:49:47	DataFile Name :	019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	2005601	1970313	2015192	1997035	1.18	cps
Magnesium	24-2	5202373	5276217	5311403	5263331	1.06	cps
Manganese	55-2	11031	10978	10858	10955	0.81	cps
Molybdenum	94-1	1755189	1835417	1795084	1795230	2.23	cps
Molybdenum	95-1	2946750	3040721	2964739	2984070	1.67	cps
Molybdenum	96-1	3141230	3231119	3160246	3177532	1.49	cps
Molybdenum	97-1	1821247	1868557	1823596	1837800	1.45	cps
Molybdenum	98-1	4619114	4712299	4623344	4651586	1.13	cps
Neodymium	150-1	7	13	53	24	103.25	cps
Neodymium	150-2	17	3	0	7	132.33	cps
Nickel	60-2	10898	10571	10531	10666	1.89	cps
Phosphorus	31-2	123447	123279	124153	123626	0.38	cps
Potassium	39-2	4259322	4315534	4318474	4297777	0.78	cps
Rhodium	103-1	5763024	5698468	5703188	5721560	0.63	cps
Rhodium	103-2	2804058	2799204	2739390	2780884	1.30	cps
Scandium	45-1	4215993	4188807	4165360	4190053	0.60	cps
Scandium	45-2	143439	143503	139810	142250	1.49	cps
Selenium	77-2	30	17	37	28	36.66	cps
Selenium	78-2	146	138	136	140	3.78	cps
Selenium	82-1	1040	1122	979	1047	6.84	cps
Silicon	28-1	1082003	1083456	1076557	1080672	0.34	cps
Silver	109-1	65531	66679	67550	66587	1.52	cps
Silver	107-1	70037	69978	71770	70595	1.44	cps
Sodium	23-2	10724441	10777295	10693190	10731642	0.40	cps
Strontium	86-1	86769	85754	88094	86872	1.35	cps
Strontium	88-1	739178	733699	751387	741421	1.22	cps
Sulfur	34-1	1509086	1556300	1544929	1536772	1.60	cps
Terbium	159-1	6694008	6688848	6593143	6658666	0.85	cps
Terbium	159-2	3170340	3135337	3066216	3123964	1.70	cps
Thallium	203-1	38625	40915	40162	39901	2.93	cps
Thallium	205-1	93771	93947	96130	94616	1.39	cps
Tin	118-1	122906	124841	125362	124370	1.04	cps
Titanium	47-1	887494	914209	909083	903595	1.57	cps
Uranium	238-1	303347	306456	304069	304624	0.53	cps
Vanadium	51-2	14317	14251	14180	14249	0.48	cps
Yttrium	89-1	10510712	10576429	10428702	10505281	0.70	cps

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:49:47	DataFile Name :	019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1187012	1178296	1144179	1169829	1.94	cps
Zinc	66-2	5404	5404	5234	5348	1.84	cps
Zirconium	90-1	277583	285310	282666	281853	1.39	cps
Zirconium	91-1	61787	63579	64232	63199	2.00	cps

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P8
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:55:59	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	903982	901803	904297	903361	0.15	cps
Antimony	121-1	1543364	1611260	1661206	1605277	3.68	cps
Arsenic	75-2	59813	60041	60398	60084	0.49	cps
Barium	135-1	1569238	1619902	1662365	1617169	2.88	cps
Barium	137-1	2769804	2830608	2835495	2811969	1.30	cps
Beryllium	9-1	373913	384607	388069	382196	1.93	cps
Bismuth	209-1	3446478	3565354	3387957	3466597	2.61	cps
Bismuth	209-2	2106362	2103833	2050153	2086783	1.52	cps
Boron	11-1	117146	136529	151443	135040	12.73	cps
Boron	10-1	24449	28251	31221	27974	12.13	cps
Bromine	81-1	2643	2913	2803	2787	4.88	cps
Cadmium	106-1	39198	40635	40209	40014	1.85	cps
Cadmium	108-1	25728	26392	26926	26349	2.28	cps
Cadmium	111-1	357797	366353	365945	363365	1.33	cps
Calcium	43-1	2072799	2105986	2120853	2099879	1.17	cps
Calcium	44-1	33506850	35006442	34366985	34293426	2.19	cps
Chromium	52-2	438202	443024	440118	440448	0.55	cps
Cobalt	59-2	777557	775744	775725	776342	0.14	cps
Copper	63-2	5566259	5637103	5728079	5643814	1.44	cps
Dysprosium	156-1	158	158	125	147	13.07	cps
Dysprosium	156-2	43	30	60	44	33.82	cps
Erbium	164-1	83	58	42	61	34.32	cps
Erbium	164-2	23	27	13	21	32.88	cps
Gadolinium	160-1	208	150	125	161	26.54	cps
Gadolinium	160-2	63	97	90	83	21.17	cps
Holmium	165-1	6352306	6243645	6129135	6241696	1.79	cps
Holmium	165-2	3150215	3114991	3179361	3148189	1.02	cps
Indium	115-1	6095546	6038092	5715458	5949699	3.44	cps
Indium	115-2	972451	961653	955100	963068	0.91	cps
Iron	54-2	4333102	4427562	4407302	4389322	1.13	cps
Iron	56-2	78833599	79408710	80166396	79469568	0.84	cps
Iron	57-2	2026035	2044204	2014071	2028103	0.75	cps
Krypton	83-1	390	477	463	443	10.53	cps
Lead	207-1	3669614	3696733	3783926	3716758	1.61	cps
Lead	208-1	16250140	16636268	16934008	16606805	2.06	cps
Lead	206-1	4056590	4213998	4220021	4163536	2.23	cps

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P8
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:55:59	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1969040	1977228	1903946	1950071	2.06	cps
Magnesium	24-2	13766807	13636260	13406447	13603171	1.34	cps
Manganese	55-2	2095726	2144299	2137830	2125952	1.24	cps
Molybdenum	94-1	3006248	3086125	3137504	3076625	2.15	cps
Molybdenum	95-1	3669751	3744177	3816226	3743385	1.96	cps
Molybdenum	96-1	4092991	4186271	4176127	4151796	1.23	cps
Molybdenum	97-1	2299326	2352040	2384292	2345219	1.83	cps
Molybdenum	98-1	5774373	5994169	6095829	5954790	2.76	cps
Neodymium	150-1	67	60	93	73	24.06	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	211876	211118	207744	210246	1.05	cps
Phosphorus	31-2	13482	13198	13723	13468	1.95	cps
Potassium	39-2	5502981	5601378	5515968	5540109	0.96	cps
Rhodium	103-1	5709428	5784308	5608217	5700651	1.55	cps
Rhodium	103-2	2839484	2763080	2722700	2775088	2.14	cps
Scandium	45-1	4148625	4325494	4123469	4199196	2.62	cps
Scandium	45-2	144808	143513	143974	144098	0.46	cps
Selenium	77-2	737	783	830	783	5.96	cps
Selenium	78-2	2608	2612	2749	2656	3.02	cps
Selenium	82-1	24912	24970	25564	25149	1.44	cps
Silicon	28-1	1901853	1988413	2066149	1985471	4.14	cps
Silver	109-1	1682945	1684370	1703030	1690115	0.66	cps
Silver	107-1	1789427	1809190	1820731	1806449	0.88	cps
Sodium	23-2	26843439	26209867	26280633	26444647	1.31	cps
Strontium	86-1	482320	496084	498146	492183	1.75	cps
Strontium	88-1	4108490	4178361	4182936	4156596	1.00	cps
Sulfur	34-1	679830	694024	695932	689929	1.28	cps
Terbium	159-1	6677973	6653575	6475932	6602493	1.67	cps
Terbium	159-2	3162325	3134437	3099868	3132210	1.00	cps
Thallium	203-1	967491	959538	979294	968774	1.03	cps
Thallium	205-1	2229991	2261859	2342692	2278181	2.55	cps
Tin	118-1	1120610	1147007	1155058	1140891	1.58	cps
Titanium	47-1	1099026	1127529	1150478	1125678	2.29	cps
Uranium	238-1	2797376	2883093	2909401	2863290	2.05	cps
Vanadium	51-2	369045	368049	366561	367885	0.34	cps
Yttrium	89-1	10474250	10676755	10168483	10439830	2.45	cps

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P8
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:55:59	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1200118	1198377	1188210	1195568	0.54	cps
Zinc	66-2	789556	791580	791980	791039	0.16	cps
Zirconium	90-1	2549797	2624696	2636137	2603543	1.80	cps
Zirconium	91-1	573853	582941	586841	581212	1.15	cps

LB Number : LB111459 Operator : Jaswal
 Lab Sample ID : CCB20 Instrumnet Name : P8
 Client Sample ID : CCB20 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 18:00:55 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	297	335	326	320	6.14	cps
Antimony	121-1	117	125	150	131	13.29	cps
Arsenic	75-2	13	7	16	12	38.19	cps
Barium	135-1	58	42	50	50	16.66	cps
Barium	137-1	33	92	50	58	51.51	cps
Beryllium	9-1	128	126	170	141	17.58	cps
Bismuth	209-1	3594976	3473229	3603627	3557277	2.05	cps
Bismuth	209-2	2144421	2124461	2137385	2135423	0.47	cps
Boron	11-1	7150	6834	6524	6836	4.58	cps
Boron	10-1	1502	1476	1358	1445	5.31	cps
Bromine	81-1	2353	2863	2783	2666	10.30	cps
Cadmium	106-1	2467	2359	2592	2473	4.72	cps
Cadmium	108-1	13	13	29	18	53.30	cps
Cadmium	111-1	1735	1671	1831	1746	4.62	cps
Calcium	43-1	352	355	319	342	5.92	cps
Calcium	44-1	20132	19970	19935	20012	0.52	cps
Chromium	52-2	870	870	790	843	5.48	cps
Cobalt	59-2	107	60	90	86	27.64	cps
Copper	63-2	993	1150	1093	1079	7.35	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	42	33	75	50	44.10	cps
Erbium	164-2	13	23	13	17	34.65	cps
Gadolinium	160-1	50	42	33	42	20.00	cps
Gadolinium	160-2	17	27	37	27	37.50	cps
Holmium	165-1	6085429	5975383	6092973	6051262	1.09	cps
Holmium	165-2	3129625	3066064	3104345	3100011	1.03	cps
Indium	115-1	6128199	5954742	6086725	6056555	1.50	cps
Indium	115-2	971565	965362	968361	968429	0.32	cps
Iron	54-2	372	439	472	428	11.90	cps
Iron	56-2	3634	3584	3467	3562	2.40	cps
Iron	57-2	133	89	161	128	28.51	cps
Krypton	83-1	483	443	423	450	6.79	cps
Lead	207-1	644	678	700	674	4.15	cps
Lead	208-1	2950	3061	2845	2952	3.67	cps
Lead	206-1	806	717	789	770	6.13	cps

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P8
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 18:00:55	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1975655	1971976	1919380	1955670	1.61	cps
Magnesium	24-2	550	525	525	533	2.71	cps
Manganese	55-2	100	93	87	93	7.14	cps
Molybdenum	94-1	350	217	300	289	23.32	cps
Molybdenum	95-1	292	342	275	303	11.46	cps
Molybdenum	96-1	550	358	342	417	27.79	cps
Molybdenum	97-1	225	183	192	200	11.02	cps
Molybdenum	98-1	475	442	408	442	7.55	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	127	140	137	134	5.16	cps
Phosphorus	31-2	183	167	167	172	5.59	cps
Potassium	39-2	24880	23520	24329	24243	2.82	cps
Rhodium	103-1	5957296	5784945	5862994	5868412	1.47	cps
Rhodium	103-2	2873547	2823824	2753321	2816898	2.14	cps
Scandium	45-1	4179148	4113932	4084848	4125976	1.17	cps
Scandium	45-2	143351	141998	141956	142435	0.56	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	28	39	42	36	20.29	cps
Selenium	82-1	-25	0	30	1	1919.26	cps
Silicon	28-1	942576	938401	939221	940066	0.24	cps
Silver	109-1	108	58	92	86	29.57	cps
Silver	107-1	133	67	92	97	34.64	cps
Sodium	23-2	17578	17811	17319	17569	1.40	cps
Strontium	86-1	733	808	742	761	5.40	cps
Strontium	88-1	200	200	175	192	7.53	cps
Sulfur	34-1	565934	559452	565407	563598	0.64	cps
Terbium	159-1	6541074	6414789	6416607	6457490	1.12	cps
Terbium	159-2	3106723	3071720	3020931	3066458	1.41	cps
Thallium	203-1	325	192	200	239	31.27	cps
Thallium	205-1	375	667	700	581	30.80	cps
Tin	118-1	358	200	233	264	31.63	cps
Titanium	47-1	583	367	525	492	22.80	cps
Uranium	238-1	50	75	33	53	39.74	cps
Vanadium	51-2	13	13	30	19	50.96	cps
Yttrium	89-1	10525135	10384534	10322505	10410725	1.00	cps

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P8
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 18:00:55	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1176664	1181218	1166817	1174900	0.63	cps
Zinc	66-2	193	160	203	186	12.23	cps
Zirconium	90-1	458	550	575	528	11.64	cps
Zirconium	91-1	100	100	142	114	21.12	cps

LB Number : LB111459 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 18:03:45 DataFile Name : 022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	731	731	695	719	2.91	cps
Antimony	121-1	7027	6752	6452	6743	4.27	cps
Arsenic	75-2	152	130	157	146	9.82	cps
Barium	135-1	6744	7110	6627	6827	3.70	cps
Barium	137-1	11455	11972	12006	11811	2.61	cps
Beryllium	9-1	958	934	904	932	2.90	cps
Bismuth	209-1	3419079	3453277	3376268	3416208	1.13	cps
Bismuth	209-2	2180463	2159742	1946323	2095509	6.19	cps
Boron	11-1	9799	11196	11666	10887	8.92	cps
Boron	10-1	2096	2230	2480	2268	8.59	cps
Bromine	81-1	2723	2523	2283	2509	8.79	cps
Cadmium	106-1	2667	2767	2617	2684	2.85	cps
Cadmium	108-1	113	79	79	90	21.31	cps
Cadmium	111-1	3013	3052	3060	3042	0.82	cps
Calcium	43-1	4758	4836	4694	4763	1.50	cps
Calcium	44-1	91749	92233	92836	92273	0.59	cps
Chromium	52-2	2500	2587	2674	2587	3.35	cps
Cobalt	59-2	1630	1780	1743	1718	4.55	cps
Copper	63-2	3821	4044	3944	3936	2.84	cps
Dysprosium	156-1	8	17	33	19	65.47	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	25	17	42	28	45.82	cps
Erbium	164-2	13	13	13	13	0.00	cps
Gadolinium	160-1	25	42	75	47	53.91	cps
Gadolinium	160-2	23	17	17	19	20.36	cps
Holmium	165-1	5963635	5979674	5885599	5942969	0.85	cps
Holmium	165-2	3133508	3146421	2790701	3023543	6.67	cps
Indium	115-1	5959792	5997052	5845734	5934193	1.33	cps
Indium	115-2	978372	976035	880843	945083	5.89	cps
Iron	54-2	2372	2356	2272	2334	2.30	cps
Iron	56-2	38552	37221	38290	38021	1.85	cps
Iron	57-2	844	1033	928	935	10.12	cps
Krypton	83-1	410	427	510	449	11.93	cps
Lead	207-1	2017	2034	1900	1984	3.66	cps
Lead	208-1	9685	9518	9157	9453	2.85	cps
Lead	206-1	2539	2222	2217	2326	7.93	cps

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 18:03:45	DataFile Name :	022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1979222	1931748	1954548	1955173	1.21	cps
Magnesium	24-2	30040	30875	31743	30886	2.76	cps
Manganese	55-2	457	463	430	450	3.92	cps
Molybdenum	94-1	6769	6293	6493	6518	3.66	cps
Molybdenum	95-1	7436	7969	7902	7769	3.74	cps
Molybdenum	96-1	9028	9245	8294	8856	5.63	cps
Molybdenum	97-1	5018	4801	4901	4907	2.21	cps
Molybdenum	98-1	12456	12189	12573	12406	1.59	cps
Neodymium	150-1	33	0	0	11	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	630	627	627	628	0.31	cps
Phosphorus	31-2	175	142	175	164	11.74	cps
Potassium	39-2	47429	48173	47955	47852	0.80	cps
Rhodium	103-1	5789225	5729292	5718919	5745812	0.66	cps
Rhodium	103-2	2873963	2901841	2624534	2800113	5.45	cps
Scandium	45-1	4120389	4119474	4102457	4114107	0.25	cps
Scandium	45-2	143038	143880	129397	138772	5.86	cps
Selenium	77-2	3	13	10	9	57.30	cps
Selenium	78-2	60	77	73	70	12.70	cps
Selenium	82-1	306	242	136	228	37.75	cps
Silicon	28-1	948771	960278	940265	949771	1.06	cps
Silver	109-1	3642	3951	3701	3765	4.35	cps
Silver	107-1	3709	3926	4076	3903	4.72	cps
Sodium	23-2	72162	72890	73753	72935	1.09	cps
Strontium	86-1	1700	1808	1658	1722	4.50	cps
Strontium	88-1	8470	8745	8261	8492	2.86	cps
Sulfur	34-1	567893	567890	568158	567980	0.03	cps
Terbium	159-1	6353682	6342478	6251812	6315991	0.88	cps
Terbium	159-2	3123012	3111760	2783410	3006061	6.42	cps
Thallium	203-1	2150	2400	2117	2222	6.97	cps
Thallium	205-1	5435	5585	5635	5551	1.88	cps
Tin	118-1	11547	11905	11805	11753	1.57	cps
Titanium	47-1	2567	2734	2642	2648	3.15	cps
Uranium	238-1	5301	5760	5543	5535	4.14	cps
Vanadium	51-2	3817	3891	3941	3883	1.60	cps
Yttrium	89-1	10133012	10339864	10139368	10204081	1.15	cps

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 18:03:45	DataFile Name :	022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1192992	1185801	1066895	1148563	6.17	cps
Zinc	66-2	517	507	643	556	13.71	cps
Zirconium	90-1	5660	5368	5643	5557	2.95	cps
Zirconium	91-1	1167	1308	1075	1183	9.93	cps

LB Number : LB111459 Operator : Jaswal
 Lab Sample ID : PB132301BL Instrumnet Name : P8
 Client Sample ID : PB132301BL Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 18:13:01 DataFile Name : 024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	286	325	340	317	8.75	cps
Antimony	121-1	25	33	42	33	25.01	cps
Arsenic	75-2	8	19	7	11	58.75	cps
Barium	135-1	8	8	17	11	43.34	cps
Barium	137-1	50	33	17	33	50.00	cps
Beryllium	9-1	70	68	90	76	16.00	cps
Bismuth	209-1	3510761	3426675	3594883	3510773	2.40	cps
Bismuth	209-2	2180772	2184305	2161546	2175541	0.56	cps
Boron	11-1	3330	3086	3200	3205	3.81	cps
Boron	10-1	672	650	696	673	3.42	cps
Bromine	81-1	2773	2683	2423	2626	6.93	cps
Cadmium	106-1	2517	2542	2425	2495	2.46	cps
Cadmium	108-1	4	4	8	6	43.22	cps
Cadmium	111-1	1784	1797	1713	1765	2.58	cps
Calcium	43-1	330	324	321	325	1.39	cps
Calcium	44-1	18910	19140	19065	19039	0.62	cps
Chromium	52-2	820	680	927	809	15.29	cps
Cobalt	59-2	47	57	90	64	35.20	cps
Copper	63-2	903	823	790	839	6.94	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	17	17	58	31	78.71	cps
Erbium	164-2	13	17	23	18	28.64	cps
Gadolinium	160-1	42	67	92	67	37.50	cps
Gadolinium	160-2	10	33	27	23	51.50	cps
Holmium	165-1	6109186	6027724	6205804	6114238	1.46	cps
Holmium	165-2	3136073	3157752	3210123	3167982	1.20	cps
Indium	115-1	6071335	5968209	6255687	6098411	2.39	cps
Indium	115-2	975560	972104	984038	977234	0.63	cps
Iron	54-2	361	383	461	402	13.07	cps
Iron	56-2	2639	2206	2122	2322	11.95	cps
Iron	57-2	122	156	111	130	17.85	cps
Krypton	83-1	513	430	487	477	8.93	cps
Lead	207-1	489	544	661	565	15.56	cps
Lead	208-1	2517	2772	2711	2667	5.00	cps
Lead	206-1	778	750	667	732	7.90	cps

LB Number : LB111459 Operator : Jaswal
 Lab Sample ID : PB132301BL Instrumnet Name : P8
 Client Sample ID : PB132301BL Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 18:13:01 DataFile Name : 024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1987791	1960561	2016595	1988316	1.41	cps
Magnesium	24-2	483	283	383	383	26.09	cps
Manganese	55-2	80	63	87	77	15.68	cps
Molybdenum	94-1	150	125	142	139	9.17	cps
Molybdenum	95-1	92	108	50	83	36.06	cps
Molybdenum	96-1	183	200	242	208	14.42	cps
Molybdenum	97-1	50	33	83	56	45.83	cps
Molybdenum	98-1	158	142	83	128	30.82	cps
Neodymium	150-1	7	0	27	11	124.89	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	90	100	130	107	19.52	cps
Phosphorus	31-2	158	133	200	164	20.55	cps
Potassium	39-2	22810	23486	22977	23091	1.53	cps
Rhodium	103-1	5860462	5760214	5981602	5867426	1.89	cps
Rhodium	103-2	2883987	2901409	2875176	2886857	0.46	cps
Scandium	45-1	4195600	4106291	4186869	4162920	1.18	cps
Scandium	45-2	143083	144267	144691	144014	0.58	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	33	31	44	36	19.44	cps
Selenium	82-1	-81	28	-69	-41	-146.69	cps
Silicon	28-1	954018	944723	935101	944614	1.00	cps
Silver	109-1	58	42	75	58	28.57	cps
Silver	107-1	125	58	142	108	40.71	cps
Sodium	23-2	14441	13924	12956	13774	5.47	cps
Strontium	86-1	683	750	675	703	5.85	cps
Strontium	88-1	158	108	117	128	20.96	cps
Sulfur	34-1	545256	547141	555700	549366	1.01	cps
Terbium	159-1	6516191	6311673	6732189	6520018	3.23	cps
Terbium	159-2	3172244	3148874	3153548	3158222	0.39	cps
Thallium	203-1	142	250	250	214	29.24	cps
Thallium	205-1	492	492	425	469	8.20	cps
Tin	118-1	208	225	217	217	3.85	cps
Titanium	47-1	408	408	475	431	8.94	cps
Uranium	238-1	33	33	42	36	13.33	cps
Vanadium	51-2	7	23	13	14	58.06	cps
Yttrium	89-1	10534851	10271415	10607271	10471179	1.69	cps

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	PB132301BL	Instrumnet Name :	P8
Client Sample ID :	PB132301BL	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 18:13:01	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1174098	1195545	1203755	1191132	1.29	cps
Zinc	66-2	207	150	180	179	15.85	cps
Zirconium	90-1	350	425	442	406	12.04	cps
Zirconium	91-1	75	58	117	83	36.06	cps

LB Number : LB111459 Operator : Jaswal
 Lab Sample ID : PB132301BS Instrumnet Name : P8
 Client Sample ID : PB132301BS Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 18:15:51 DataFile Name : 025LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	192066	189556	190632	190751	0.66	cps
Antimony	121-1	1585663	1661553	1661644	1636287	2.68	cps
Arsenic	75-2	61399	62222	62206	61942	0.76	cps
Barium	135-1	1626636	1643990	1679513	1650046	1.63	cps
Barium	137-1	2825553	2906006	2845436	2858998	1.47	cps
Beryllium	9-1	380750	391461	385744	385985	1.39	cps
Bismuth	209-1	3568744	3607610	3517318	3564558	1.27	cps
Bismuth	209-2	2172397	2150061	2185388	2169282	0.82	cps
Boron	11-1	101515	122080	135758	119784	14.39	cps
Boron	10-1	20656	25293	27941	24630	14.97	cps
Bromine	81-1	2653	2313	2112	2359	11.59	cps
Cadmium	106-1	40468	42491	40519	41159	2.80	cps
Cadmium	108-1	26734	26893	27448	27025	1.39	cps
Cadmium	111-1	366521	380281	377939	374914	1.96	cps
Calcium	43-1	433023	446130	439567	439573	1.49	cps
Calcium	44-1	6983377	7311883	7156887	7150716	2.30	cps
Chromium	52-2	458705	455651	462472	458943	0.74	cps
Cobalt	59-2	804575	818798	813234	812202	0.88	cps
Copper	63-2	5972433	6007419	6006248	5995367	0.33	cps
Dysprosium	156-1	58	50	25	44	39.03	cps
Dysprosium	156-2	17	13	23	18	28.64	cps
Erbium	164-1	58	8	42	36	70.51	cps
Erbium	164-2	10	20	13	14	35.26	cps
Gadolinium	160-1	83	67	25	58	51.51	cps
Gadolinium	160-2	30	43	33	36	19.51	cps
Holmium	165-1	6328688	6333048	6136524	6266087	1.79	cps
Holmium	165-2	3232944	3223211	3261404	3239186	0.61	cps
Indium	115-1	6134085	6098394	6013025	6081835	1.02	cps
Indium	115-2	1001072	1003976	993492	999513	0.54	cps
Iron	54-2	971950	973420	977936	974435	0.32	cps
Iron	56-2	17455301	17529896	17443217	17476138	0.27	cps
Iron	57-2	431055	432099	443674	435610	1.61	cps
Krypton	83-1	483	497	417	466	9.21	cps
Lead	207-1	3764419	3877552	3844074	3828681	1.52	cps
Lead	208-1	16786459	17221839	17188422	17065573	1.42	cps
Lead	206-1	4244975	4260725	4321256	4275652	0.94	cps

LB Number : LB111459 Operator : Jaswal
 Lab Sample ID : PB132301BS Instrumnet Name : P8
 Client Sample ID : PB132301BS Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 18:15:51 DataFile Name : 025LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1996040	1980956	1906522	1961173	2.44	cps
Magnesium	24-2	2935153	2918717	2930553	2928141	0.29	cps
Manganese	55-2	2158777	2209487	2209621	2192628	1.34	cps
Molybdenum	94-1	3094050	3163633	3117204	3124962	1.13	cps
Molybdenum	95-1	3821638	3821470	3807353	3816820	0.21	cps
Molybdenum	96-1	4138388	4229719	4282698	4216935	1.73	cps
Molybdenum	97-1	2372286	2415834	2398057	2395392	0.91	cps
Molybdenum	98-1	5957774	6011458	5988646	5985960	0.45	cps
Neodymium	150-1	53	60	60	58	6.67	cps
Neodymium	150-2	3	0	13	6	124.93	cps
Nickel	60-2	222199	223938	222848	222995	0.39	cps
Phosphorus	31-2	13432	12998	13607	13345	2.35	cps
Potassium	39-2	1239974	1213759	1196973	1216902	1.78	cps
Rhodium	103-1	5887725	5813548	5699987	5800420	1.63	cps
Rhodium	103-2	2903005	2938032	2911300	2917446	0.63	cps
Scandium	45-1	4332382	4238015	4155687	4242028	2.08	cps
Scandium	45-2	148549	148266	147110	147975	0.52	cps
Selenium	77-2	760	853	860	824	6.78	cps
Selenium	78-2	2756	2780	2767	2767	0.43	cps
Selenium	82-1	25260	26012	26279	25850	2.04	cps
Silicon	28-1	1844127	1942317	2035518	1940654	4.93	cps
Silver	109-1	1749342	1748616	1757670	1751876	0.29	cps
Silver	107-1	1875195	1873384	1908248	1885609	1.04	cps
Sodium	23-2	5729528	5639252	5706600	5691793	0.82	cps
Strontium	86-1	490868	507431	499983	499427	1.66	cps
Strontium	88-1	4131837	4226658	4240915	4199803	1.41	cps
Sulfur	34-1	679737	680780	678439	679652	0.17	cps
Terbium	159-1	6685056	6708588	6521749	6638464	1.53	cps
Terbium	159-2	3216109	3228261	3195717	3213363	0.51	cps
Thallium	203-1	987069	1002723	996007	995266	0.79	cps
Thallium	205-1	2351704	2353099	2373614	2359472	0.52	cps
Tin	118-1	1144958	1166702	1165843	1159168	1.06	cps
Titanium	47-1	1131984	1152312	1151271	1145189	1.00	cps
Uranium	238-1	2781912	2874746	2871286	2842648	1.85	cps
Vanadium	51-2	381274	373934	379744	378317	1.02	cps
Yttrium	89-1	10697505	10722524	10407983	10609337	1.65	cps

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	PB132301BS	Instrumnet Name :	P8
Client Sample ID :	PB132301BS	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 18:15:51	DataFile Name :	025LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1228114	1241931	1218315	1229453	0.97	cps
Zinc	66-2	823217	831721	831786	828908	0.59	cps
Zirconium	90-1	2574016	2655667	2651412	2627032	1.75	cps
Zirconium	91-1	572438	591438	595520	586466	2.10	cps

LB Number : LB111459 Operator : Jaswal
 Lab Sample ID : L4342-06 Instrumnet Name : P8
 Client Sample ID : BACKFILL-OFFSITE-1-S Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 18:18:41 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1754184	1719997	1735893	1736691	0.99	cps
Antimony	121-1	16227	17712	16319	16752	4.97	cps
Arsenic	75-2	7625	7645	7419	7563	1.66	cps
Barium	135-1	502472	517185	525265	514974	2.24	cps
Barium	137-1	876461	910222	900905	895862	1.95	cps
Beryllium	9-1	5322	5436	5270	5343	1.59	cps
Bismuth	209-1	3375397	3435697	3453332	3421475	1.19	cps
Bismuth	209-2	2056605	2042362	2064719	2054562	0.55	cps
Boron	11-1	44121	45328	44857	44769	1.36	cps
Boron	10-1	9189	9093	9107	9130	0.57	cps
Bromine	81-1	7800	9353	8972	8708	9.29	cps
Cadmium	106-1	3834	4059	3926	3940	2.87	cps
Cadmium	108-1	521	425	458	468	10.39	cps
Cadmium	111-1	4124	4452	4302	4293	3.83	cps
Calcium	43-1	38145986	40406292	39969265	39507181	3.03	cps
Calcium	44-1	638008510	674385143	668153302	660182318	2.95	cps
Chromium	52-2	113126	112078	111064	112089	0.92	cps
Cobalt	59-2	82075	81200	81173	81483	0.63	cps
Copper	63-2	92552	93139	94318	93336	0.96	cps
Dysprosium	156-1	97966	102777	103214	101319	2.87	cps
Dysprosium	156-2	46765	48016	47323	47368	1.32	cps
Erbium	164-1	89609	92244	92764	91539	1.85	cps
Erbium	164-2	42150	43347	43427	42975	1.66	cps
Gadolinium	160-1	97514	101316	99982	99604	1.94	cps
Gadolinium	160-2	54410	55434	56151	55332	1.58	cps
Holmium	165-1	6006528	6192706	6152269	6117168	1.60	cps
Holmium	165-2	3053467	3044595	3086144	3061402	0.71	cps
Indium	115-1	5887689	6344757	6638982	6290476	6.02	cps
Indium	115-2	1041346	1042512	1045123	1042994	0.19	cps
Iron	54-2	4965103	4962217	4901025	4942781	0.73	cps
Iron	56-2	90635224	90323033	89112771	90023676	0.89	cps
Iron	57-2	2311987	2262718	2301927	2292211	1.14	cps
Krypton	83-1	537	613	603	584	7.13	cps
Lead	207-1	157215	164284	166196	162565	2.91	cps
Lead	208-1	737919	766366	777981	760755	2.71	cps
Lead	206-1	196608	200638	201712	199653	1.35	cps

LB Number : LB111459 Operator : Jaswal
 Lab Sample ID : L4342-06 Instrumnet Name : P8
 Client Sample ID : BACKFILL-OFFSITE-1-S Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 18:18:41 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	2074303	2290220	2418744	2261089	7.70	cps
Magnesium	24-2	4593105	4709862	4663056	4655341	1.26	cps
Manganese	55-2	1467922	1426176	1422083	1438727	1.76	cps
Molybdenum	94-1	161673	169246	165352	165424	2.29	cps
Molybdenum	95-1	10804	12164	11038	11335	6.41	cps
Molybdenum	96-1	37969	38579	38211	38253	0.80	cps
Molybdenum	97-1	6977	7294	7127	7133	2.22	cps
Molybdenum	98-1	18129	18580	18688	18465	1.61	cps
Neodymium	150-1	161721	164738	167388	164616	1.72	cps
Neodymium	150-2	57436	57824	58661	57973	1.08	cps
Nickel	60-2	52433	51757	52175	52122	0.65	cps
Phosphorus	31-2	8194	8544	8411	8383	2.11	cps
Potassium	39-2	983860	986442	975038	981780	0.61	cps
Rhodium	103-1	5243325	5340584	5368582	5317497	1.24	cps
Rhodium	103-2	2536476	2531356	2561961	2543264	0.64	cps
Scandium	45-1	4119474	4204075	4247014	4190188	1.55	cps
Scandium	45-2	142017	140327	139814	140719	0.82	cps
Selenium	77-2	250	243	230	241	4.23	cps
Selenium	78-2	150	149	158	152	3.24	cps
Selenium	82-1	440	321	410	390	15.81	cps
Silicon	28-1	17168038	17378488	17366916	17304481	0.68	cps
Silver	109-1	2242	3834	4292	3456	31.14	cps
Silver	107-1	3050	4051	4984	4028	24.01	cps
Sodium	23-2	382561	380380	380769	381237	0.31	cps
Strontium	86-1	3899219	4025254	3995306	3973260	1.66	cps
Strontium	88-1	33795626	34614548	34276342	34228839	1.20	cps
Sulfur	34-1	621493	616072	609010	615525	1.02	cps
Terbium	159-1	6438426	6553697	6562702	6518275	1.06	cps
Terbium	159-2	2987504	3041219	3047797	3025507	1.09	cps
Thallium	203-1	5868	4993	4459	5107	13.93	cps
Thallium	205-1	13816	12131	10947	12298	11.73	cps
Tin	118-1	20724	23087	24188	22667	7.81	cps
Titanium	47-1	103656	106873	107510	106013	1.95	cps
Uranium	238-1	122302	128041	125264	125202	2.29	cps
Vanadium	51-2	179632	178167	179076	178958	0.41	cps
Yttrium	89-1	11678781	11952403	12024964	11885383	1.54	cps

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	L4342-06	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-OFFSITE-1-S	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 18:18:41	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1283504	1281630	1294521	1286552	0.54	cps
Zinc	66-2	50024	50928	50864	50605	1.00	cps
Zirconium	90-1	425583	445198	444346	438376	2.53	cps
Zirconium	91-1	94932	96768	100084	97261	2.68	cps

LB Number : LB111459 Operator : Jaswal
 Lab Sample ID : L4342-07 Instrumnet Name : P8
 Client Sample ID : BACKFILL-OFFSITE-2-S Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 18:21:29 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1192229	1173386	1194962	1186859	0.99	cps
Antimony	121-1	7544	8128	8653	8108	6.84	cps
Arsenic	75-2	8615	8488	8365	8489	1.47	cps
Barium	135-1	424291	435493	433519	431101	1.39	cps
Barium	137-1	726182	740426	746058	737555	1.39	cps
Beryllium	9-1	4474	4680	4392	4515	3.29	cps
Bismuth	209-1	3635102	3623801	3690677	3649860	0.98	cps
Bismuth	209-2	2109142	2129887	2086277	2108436	1.03	cps
Boron	11-1	29506	32175	32702	31461	5.45	cps
Boron	10-1	6082	6568	6656	6435	4.80	cps
Bromine	81-1	7089	8121	8301	7837	8.34	cps
Cadmium	106-1	3526	3909	3567	3667	5.74	cps
Cadmium	108-1	371	371	321	354	8.15	cps
Cadmium	111-1	3858	4039	3877	3925	2.54	cps
Calcium	43-1	38631639	39770959	39067599	39156732	1.47	cps
Calcium	44-1	636743648	659748772	645364331	647285584	1.80	cps
Chromium	52-2	105690	105647	104645	105327	0.56	cps
Cobalt	59-2	78866	78142	76219	77743	1.76	cps
Copper	63-2	80295	79595	79102	79664	0.75	cps
Dysprosium	156-1	82312	84676	84072	83687	1.47	cps
Dysprosium	156-2	37747	38181	37466	37798	0.95	cps
Erbium	164-1	73335	75548	76470	75118	2.14	cps
Erbium	164-2	35039	34825	33943	34603	1.68	cps
Gadolinium	160-1	80744	82865	84149	82586	2.08	cps
Gadolinium	160-2	43260	43042	43681	43328	0.75	cps
Holmium	165-1	6524971	6551080	6567829	6547960	0.33	cps
Holmium	165-2	3164779	3190042	3112567	3155796	1.25	cps
Indium	115-1	6506013	6680880	6738393	6641762	1.82	cps
Indium	115-2	987065	994671	986560	989432	0.46	cps
Iron	54-2	4681889	4639553	4581154	4634199	1.09	cps
Iron	56-2	85152685	85189196	84863602	85068494	0.21	cps
Iron	57-2	2160866	2189767	2114866	2155166	1.75	cps
Krypton	83-1	560	677	587	608	10.06	cps
Lead	207-1	131073	132722	134848	132881	1.42	cps
Lead	208-1	619301	627613	633543	626819	1.14	cps
Lead	206-1	162731	164924	166258	164638	1.08	cps

LB Number : LB111459 Operator : Jaswal
 Lab Sample ID : L4342-07 Instrumnet Name : P8
 Client Sample ID : BACKFILL-OFFSITE-2-S Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 18:21:29 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	2620108	2795656	2836346	2750703	4.18	cps
Magnesium	24-2	3799284	3778511	3749328	3775708	0.66	cps
Manganese	55-2	1198968	1193485	1170680	1187711	1.26	cps
Molybdenum	94-1	120233	122747	125455	122811	2.13	cps
Molybdenum	95-1	10079	10029	10279	10129	1.31	cps
Molybdenum	96-1	29223	29891	30526	29880	2.18	cps
Molybdenum	97-1	5968	6327	6185	6160	2.93	cps
Molybdenum	98-1	16093	16085	15943	16040	0.53	cps
Neodymium	150-1	132008	137670	136465	135381	2.20	cps
Neodymium	150-2	45814	45206	44698	45239	1.24	cps
Nickel	60-2	50262	50696	49713	50224	0.98	cps
Phosphorus	31-2	5243	5284	5118	5215	1.66	cps
Potassium	39-2	683305	684454	681428	683062	0.22	cps
Rhodium	103-1	5466053	5668852	5655670	5596858	2.03	cps
Rhodium	103-2	2622340	2659611	2613546	2631832	0.93	cps
Scandium	45-1	4272654	4271470	4360658	4301594	1.19	cps
Scandium	45-2	135337	137655	134536	135843	1.19	cps
Selenium	77-2	200	223	233	219	7.82	cps
Selenium	78-2	126	112	128	122	7.15	cps
Selenium	82-1	298	232	354	295	20.74	cps
Silicon	28-1	38133804	38847908	38958811	38646841	1.16	cps
Silver	109-1	3342	3134	3592	3356	6.84	cps
Silver	107-1	3517	3776	4176	3823	8.68	cps
Sodium	23-2	275552	275169	272223	274315	0.66	cps
Strontium	86-1	3259255	3299642	3348823	3302573	1.36	cps
Strontium	88-1	28006584	28480654	28718358	28401865	1.28	cps
Sulfur	34-1	603222	597570	594781	598524	0.72	cps
Terbium	159-1	6889712	6847046	6993001	6909919	1.09	cps
Terbium	159-2	3117005	3103312	3087369	3102562	0.48	cps
Thallium	203-1	3075	2842	3184	3034	5.76	cps
Thallium	205-1	7277	7803	7511	7530	3.49	cps
Tin	118-1	18029	18981	19898	18969	4.93	cps
Titanium	47-1	105110	105395	103742	104749	0.84	cps
Uranium	238-1	98683	99506	98699	98962	0.48	cps
Vanadium	51-2	218587	215261	216144	216664	0.80	cps
Yttrium	89-1	11714599	11953925	12141896	11936807	1.79	cps

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	L4342-07	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-OFFSITE-2-S	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 18:21:29	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1230443	1242103	1225171	1232573	0.70	cps
Zinc	66-2	41374	40070	40317	40587	1.71	cps
Zirconium	90-1	317706	322853	325544	322034	1.24	cps
Zirconium	91-1	71785	73000	73360	72715	1.13	cps

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	L4342-07DUP	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-OFFSITE-2-S	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 18:24:20	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1137220	1135836	1136488	1136514	0.06	cps
Antimony	121-1	5885	6919	7269	6691	10.76	cps
Arsenic	75-2	8148	8144	8139	8144	0.06	cps
Barium	135-1	419658	440249	430574	430160	2.39	cps
Barium	137-1	728421	755711	747712	743948	1.89	cps
Beryllium	9-1	4432	4466	4396	4431	0.79	cps
Bismuth	209-1	3669151	3227918	3514725	3470598	6.45	cps
Bismuth	209-2	2087629	2095096	2051698	2078141	1.12	cps
Boron	11-1	27813	29161	30920	29298	5.32	cps
Boron	10-1	5680	6242	6436	6119	6.42	cps
Bromine	81-1	7800	8081	8381	8087	3.59	cps
Cadmium	106-1	3701	3676	3592	3656	1.55	cps
Cadmium	108-1	354	358	363	358	1.16	cps
Cadmium	111-1	3926	3981	3803	3903	2.34	cps
Calcium	43-1	38086745	39205772	39289638	38860718	1.73	cps
Calcium	44-1	629523031	647741293	657339554	644867959	2.19	cps
Chromium	52-2	101121	101960	101094	101392	0.49	cps
Cobalt	59-2	73756	75468	74433	74553	1.16	cps
Copper	63-2	75590	76920	76930	76480	1.01	cps
Dysprosium	156-1	82949	86740	85767	85152	2.31	cps
Dysprosium	156-2	36389	36503	36784	36559	0.56	cps
Erbium	164-1	73579	79128	75908	76205	3.66	cps
Erbium	164-2	33328	33676	34458	33821	1.71	cps
Gadolinium	160-1	81038	81969	82295	81767	0.80	cps
Gadolinium	160-2	43103	43364	43019	43162	0.42	cps
Holmium	165-1	6600289	5955451	6290587	6282109	5.13	cps
Holmium	165-2	3113902	3122141	3093892	3109978	0.47	cps
Indium	115-1	6436280	5900299	6211293	6182624	4.35	cps
Indium	115-2	953831	948979	938123	946977	0.85	cps
Iron	54-2	4459212	4462510	4466968	4462896	0.09	cps
Iron	56-2	80936030	80586327	80103966	80542107	0.52	cps
Iron	57-2	2046446	2077438	2063278	2062387	0.75	cps
Krypton	83-1	563	663	600	609	8.31	cps
Lead	207-1	131583	132734	134395	132904	1.06	cps
Lead	208-1	615371	627739	632680	625263	1.43	cps
Lead	206-1	162235	166406	165555	164732	1.34	cps

LB Number : LB111459 Operator : Jaswal
 Lab Sample ID : L4342-07DUP Instrumnet Name : P8
 Client Sample ID : BACKFILL-OFFSITE-2-S Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 18:24:20 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	2732166	2680472	2895587	2769408	4.05	cps
Magnesium	24-2	3660328	3618206	3661334	3646623	0.67	cps
Manganese	55-2	1135581	1133208	1124016	1130935	0.54	cps
Molybdenum	94-1	119764	122705	121041	121170	1.22	cps
Molybdenum	95-1	9971	9462	10246	9893	4.02	cps
Molybdenum	96-1	29465	30091	29992	29849	1.13	cps
Molybdenum	97-1	6152	6060	6293	6168	1.91	cps
Molybdenum	98-1	15325	15642	16093	15687	2.46	cps
Neodymium	150-1	131867	137907	136625	135466	2.35	cps
Neodymium	150-2	44370	44912	44520	44600	0.63	cps
Nickel	60-2	47298	47760	48382	47813	1.14	cps
Phosphorus	31-2	5026	5151	5234	5137	2.04	cps
Potassium	39-2	636977	647199	643805	642660	0.81	cps
Rhodium	103-1	5486374	4961236	5309743	5252451	5.09	cps
Rhodium	103-2	2528696	2569159	2531888	2543248	0.88	cps
Scandium	45-1	4344408	3810679	4034349	4063145	6.60	cps
Scandium	45-2	131270	130720	128784	130258	1.00	cps
Selenium	77-2	187	200	210	199	5.88	cps
Selenium	78-2	115	121	113	116	3.58	cps
Selenium	82-1	259	237	291	262	10.49	cps
Silicon	28-1	37762846	38195855	38773113	38243938	1.33	cps
Silver	109-1	2334	3075	2725	2711	13.69	cps
Silver	107-1	3084	3592	3601	3426	8.64	cps
Sodium	23-2	247500	242703	249344	246516	1.39	cps
Strontium	86-1	3218453	3301610	3281394	3267152	1.33	cps
Strontium	88-1	27438472	28214202	28898023	28183566	2.59	cps
Sulfur	34-1	605657	608311	612182	608717	0.54	cps
Terbium	159-1	6981659	6239501	6604935	6608698	5.62	cps
Terbium	159-2	3055396	3086660	3021831	3054629	1.06	cps
Thallium	203-1	2892	3042	2775	2903	4.61	cps
Thallium	205-1	7102	7177	7060	7113	0.83	cps
Tin	118-1	17587	18463	18238	18096	2.51	cps
Titanium	47-1	102004	106109	105629	104581	2.15	cps
Uranium	238-1	98901	101027	103293	101074	2.17	cps
Vanadium	51-2	208479	206948	209541	208322	0.63	cps
Yttrium	89-1	11779829	10613423	11231502	11208252	5.21	cps

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	L4342-07DUP	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-OFFSITE-2-S	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 18:24:20	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1209837	1196002	1187094	1197644	0.96	cps
Zinc	66-2	35925	35300	35671	35632	0.88	cps
Zirconium	90-1	308066	326428	322547	319014	3.03	cps
Zirconium	91-1	69172	72849	71894	71305	2.68	cps

LB Number : LB111459 Operator : Jaswal
 Lab Sample ID : L4342-07LX5 Instrumnet Name : P8
 Client Sample ID : BACKFILL-OFFSITE-2-S Dilution Factor : 5
 Date & Time Acquired :: 2020-10-12 18:27:09 DataFile Name : 029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	232128	231711	228046	230628	0.97	cps
Antimony	121-1	1492	1825	1867	1728	11.90	cps
Arsenic	75-2	1612	1717	1640	1657	3.28	cps
Barium	135-1	80087	82844	83172	82034	2.07	cps
Barium	137-1	140390	143978	146857	143742	2.25	cps
Beryllium	9-1	1060	948	942	983	6.76	cps
Bismuth	209-1	3870482	3742029	3780246	3797586	1.74	cps
Bismuth	209-2	2201423	2251597	2147363	2200128	2.37	cps
Boron	11-1	9913	10065	10588	10189	3.47	cps
Boron	10-1	2018	2158	2140	2105	3.62	cps
Bromine	81-1	4025	4095	4305	4142	3.52	cps
Cadmium	106-1	2892	2692	2667	2750	4.48	cps
Cadmium	108-1	100	100	88	96	7.53	cps
Cadmium	111-1	2334	2173	2168	2225	4.24	cps
Calcium	43-1	7482490	7583690	7693944	7586708	1.39	cps
Calcium	44-1	124117603	124906374	128187977	125737318	1.72	cps
Chromium	52-2	20378	20705	20521	20535	0.80	cps
Cobalt	59-2	15138	15141	14955	15078	0.71	cps
Copper	63-2	17581	17975	17631	17729	1.21	cps
Dysprosium	156-1	15468	16043	15935	15815	1.93	cps
Dysprosium	156-2	7469	7239	7215	7308	1.92	cps
Erbium	164-1	14700	14784	13991	14492	3.00	cps
Erbium	164-2	6692	6885	6475	6684	3.07	cps
Gadolinium	160-1	15418	15910	15376	15568	1.91	cps
Gadolinium	160-2	8323	8636	8603	8521	2.02	cps
Holmium	165-1	6800136	6521977	6504259	6608791	2.51	cps
Holmium	165-2	3236984	3320872	3182453	3246770	2.15	cps
Indium	115-1	6561105	6358809	6405490	6441801	1.64	cps
Indium	115-2	953807	970156	946412	956792	1.27	cps
Iron	54-2	891629	900530	888960	893706	0.68	cps
Iron	56-2	16260190	16159080	16279482	16232917	0.40	cps
Iron	57-2	405010	409842	410611	408488	0.74	cps
Krypton	83-1	553	560	497	537	6.49	cps
Lead	207-1	26433	26566	27067	26689	1.25	cps
Lead	208-1	124705	126859	128051	126538	1.34	cps
Lead	206-1	33232	33571	34162	33655	1.40	cps

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	L4342-07LX5	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-OFFSITE-2-S	Dilution Factor :	5
Date & Time Acquired ::	2020-10-12 18:27:09	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	2557510	2475860	2559645	2531005	1.89	cps
Magnesium	24-2	758358	753745	748549	753551	0.65	cps
Manganese	55-2	229083	229093	224308	227495	1.21	cps
Molybdenum	94-1	22853	22694	24197	23248	3.55	cps
Molybdenum	95-1	1917	1834	1842	1864	2.46	cps
Molybdenum	96-1	6160	6185	6102	6149	0.70	cps
Molybdenum	97-1	1100	1158	1383	1214	12.33	cps
Molybdenum	98-1	2975	2875	3250	3034	6.40	cps
Neodymium	150-1	26313	25865	25992	26057	0.89	cps
Neodymium	150-2	8833	8893	8940	8889	0.60	cps
Nickel	60-2	9917	10010	9743	9890	1.37	cps
Phosphorus	31-2	1208	1233	1075	1172	7.26	cps
Potassium	39-2	153661	150402	146918	150327	2.24	cps
Rhodium	103-1	5962000	5825995	5793439	5860478	1.53	cps
Rhodium	103-2	2748866	2818588	2764992	2777482	1.31	cps
Scandium	45-1	4387280	4325615	4303392	4338762	1.00	cps
Scandium	45-2	134186	136397	132074	134219	1.61	cps
Selenium	77-2	57	43	20	40	46.40	cps
Selenium	78-2	43	48	52	48	9.47	cps
Selenium	82-1	-21	-13	8	-9	-175.44	cps
Silicon	28-1	8119148	8212608	8386708	8239488	1.65	cps
Silver	109-1	1133	1175	1200	1170	2.88	cps
Silver	107-1	1442	1283	1400	1375	5.97	cps
Sodium	23-2	65991	66268	63806	65355	2.06	cps
Strontium	86-1	630215	642521	655539	642758	1.97	cps
Strontium	88-1	5366834	5434027	5511649	5437503	1.33	cps
Sulfur	34-1	598508	596623	598586	597905	0.19	cps
Terbium	159-1	7125277	7019927	6972690	7039298	1.11	cps
Terbium	159-2	3179030	3225509	3175083	3193207	0.88	cps
Thallium	203-1	558	692	625	625	10.67	cps
Thallium	205-1	1550	1592	1475	1539	3.84	cps
Tin	118-1	3592	3367	3617	3526	3.91	cps
Titanium	47-1	20348	20282	21124	20585	2.28	cps
Uranium	238-1	19223	20000	19515	19579	2.00	cps
Vanadium	51-2	41574	41503	41139	41405	0.56	cps
Yttrium	89-1	11135099	10802792	10827559	10921817	1.69	cps

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	L4342-07LX5	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-OFFSITE-2-S	Dilution Factor :	5
Date & Time Acquired ::	2020-10-12 18:27:09	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1142841	1162240	1147871	1150984	0.87	cps
Zinc	66-2	8636	8149	8416	8400	2.90	cps
Zirconium	90-1	59511	60105	61302	60306	1.51	cps
Zirconium	91-1	13215	13832	13282	13443	2.52	cps

LB Number : LB111459 Operator : Jaswal
 Lab Sample ID : L4342-08 Instrumnet Name : P8
 Client Sample ID : BACKFILL-OFFSITE-3-S Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 18:30:00 DataFile Name : 030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1308819	1273710	1255954	1279495	2.10	cps
Antimony	121-1	5776	6318	6343	6146	5.21	cps
Arsenic	75-2	8383	8302	8108	8265	1.71	cps
Barium	135-1	463278	472544	472507	469443	1.14	cps
Barium	137-1	798647	810553	813931	807710	0.99	cps
Beryllium	9-1	4764	5012	4922	4899	2.56	cps
Bismuth	209-1	3683934	3612390	3729635	3675320	1.61	cps
Bismuth	209-2	2034089	2079052	2146963	2086701	2.72	cps
Boron	11-1	26290	29782	30275	28782	7.55	cps
Boron	10-1	5350	6072	6368	5930	8.83	cps
Bromine	81-1	6568	7279	7800	7216	8.57	cps
Cadmium	106-1	3926	3676	3901	3834	3.59	cps
Cadmium	108-1	417	408	408	411	1.17	cps
Cadmium	111-1	4336	4150	4324	4270	2.44	cps
Calcium	43-1	45279821	46489729	46823262	46197604	1.76	cps
Calcium	44-1	752397811	772368855	769905623	764890763	1.42	cps
Chromium	52-2	100366	99171	98194	99243	1.10	cps
Cobalt	59-2	78136	77043	76363	77181	1.16	cps
Copper	63-2	81854	81840	82320	82005	0.33	cps
Dysprosium	156-1	92124	92376	95331	93277	1.91	cps
Dysprosium	156-2	41250	41230	41103	41194	0.19	cps
Erbium	164-1	84233	87144	85952	85776	1.71	cps
Erbium	164-2	37021	37687	37443	37384	0.90	cps
Gadolinium	160-1	89642	91757	93545	91648	2.13	cps
Gadolinium	160-2	48156	47762	47702	47873	0.52	cps
Holmium	165-1	6584613	6621208	6554956	6586926	0.50	cps
Holmium	165-2	3050253	3077079	3159579	3095637	1.84	cps
Indium	115-1	6421245	6402373	6526729	6450116	1.04	cps
Indium	115-2	905254	919728	929136	918039	1.31	cps
Iron	54-2	4641690	4612987	4597551	4617409	0.49	cps
Iron	56-2	84443946	84535613	83525760	84168440	0.66	cps
Iron	57-2	2136398	2168128	2138978	2147835	0.82	cps
Krypton	83-1	580	653	663	632	7.20	cps
Lead	207-1	141234	143738	145523	143498	1.50	cps
Lead	208-1	663251	678887	687560	676566	1.82	cps
Lead	206-1	174259	178716	180496	177824	1.81	cps

LB Number : LB111459 Operator : Jaswal
 Lab Sample ID : L4342-08 Instrumnet Name : P8
 Client Sample ID : BACKFILL-OFFSITE-3-S Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 18:30:00 DataFile Name : 030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	2650345	2835284	2887178	2790936	4.46	cps
Magnesium	24-2	3969784	3899941	3863258	3910994	1.38	cps
Manganese	55-2	1314755	1299713	1336939	1317136	1.42	cps
Molybdenum	94-1	136709	137266	137659	137211	0.35	cps
Molybdenum	95-1	10905	10921	10846	10891	0.36	cps
Molybdenum	96-1	33466	33574	35287	34109	3.00	cps
Molybdenum	97-1	6744	6377	6777	6632	3.35	cps
Molybdenum	98-1	17478	17044	16744	17089	2.16	cps
Neodymium	150-1	147226	149185	149347	148586	0.79	cps
Neodymium	150-2	49544	49237	49273	49351	0.34	cps
Nickel	60-2	49683	49088	49175	49315	0.65	cps
Phosphorus	31-2	5393	5710	5901	5668	4.53	cps
Potassium	39-2	708306	690941	691603	696950	1.41	cps
Rhodium	103-1	5511759	5406332	5493627	5470573	1.03	cps
Rhodium	103-2	2461934	2525687	2490943	2492854	1.28	cps
Scandium	45-1	4197860	4270031	4297662	4255184	1.21	cps
Scandium	45-2	125987	128353	129883	128075	1.53	cps
Selenium	77-2	223	220	183	209	10.62	cps
Selenium	78-2	107	140	130	126	13.47	cps
Selenium	82-1	374	254	287	305	20.35	cps
Silicon	28-1	31435135	32289794	32343887	32022939	1.59	cps
Silver	109-1	2459	2925	2700	2695	8.66	cps
Silver	107-1	2900	3117	3284	3100	6.20	cps
Sodium	23-2	301826	297252	299793	299624	0.76	cps
Strontium	86-1	4039244	4066009	4034078	4046444	0.42	cps
Strontium	88-1	34797168	35549754	35438622	35261848	1.15	cps
Sulfur	34-1	629120	626258	627371	627583	0.23	cps
Terbium	159-1	6885037	6879322	6906803	6890387	0.21	cps
Terbium	159-2	3001664	3025847	3058131	3028547	0.94	cps
Thallium	203-1	3634	3851	3109	3531	10.80	cps
Thallium	205-1	8103	8928	8228	8420	5.28	cps
Tin	118-1	17837	19923	19239	19000	5.60	cps
Titanium	47-1	98966	101970	104504	101813	2.72	cps
Uranium	238-1	136865	140672	141179	139572	1.69	cps
Vanadium	51-2	211691	211097	208185	210325	0.89	cps
Yttrium	89-1	12001719	11880564	11919489	11933924	0.52	cps

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	L4342-08	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-OFFSITE-3-S	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 18:30:00	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1181199	1194309	1207720	1194409	1.11	cps
Zinc	66-2	39635	38576	39097	39103	1.35	cps
Zirconium	90-1	361457	361972	364903	362777	0.51	cps
Zirconium	91-1	79175	81663	81287	80708	1.66	cps

LB Number : LB111459 Operator : Jaswal
 Lab Sample ID : L4342-09 Instrumnet Name : P8
 Client Sample ID : BACKFILL-OFFSITE-4-S Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 18:32:48 DataFile Name : 031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1253262	1265520	1206747	1241843	2.50	cps
Antimony	121-1	5885	6735	6869	6496	8.22	cps
Arsenic	75-2	8291	8332	8194	8273	0.86	cps
Barium	135-1	452385	468790	466669	462615	1.93	cps
Barium	137-1	797023	809525	801360	802636	0.79	cps
Beryllium	9-1	4756	4922	4920	4866	1.96	cps
Bismuth	209-1	3671318	3769335	3802662	3747772	1.82	cps
Bismuth	209-2	2115866	2107450	2138590	2120635	0.76	cps
Boron	11-1	27620	29668	30519	29269	5.09	cps
Boron	10-1	5518	6030	6324	5957	6.85	cps
Bromine	81-1	6638	7390	7700	7243	7.54	cps
Cadmium	106-1	3976	3851	3717	3848	3.36	cps
Cadmium	108-1	371	408	388	389	4.83	cps
Cadmium	111-1	4369	4139	4106	4205	3.41	cps
Calcium	43-1	44174637	44404450	44478263	44352450	0.36	cps
Calcium	44-1	731487285	735821024	731570095	732959468	0.34	cps
Chromium	52-2	93969	92607	92332	92969	0.94	cps
Cobalt	59-2	74269	74500	75251	74673	0.69	cps
Copper	63-2	81361	81774	82357	81830	0.61	cps
Dysprosium	156-1	89625	90338	93551	91171	2.29	cps
Dysprosium	156-2	40164	39759	40207	40043	0.62	cps
Erbium	164-1	82288	85499	82103	83297	2.29	cps
Erbium	164-2	36844	36831	36747	36808	0.14	cps
Gadolinium	160-1	88031	89953	89734	89240	1.18	cps
Gadolinium	160-2	47307	46447	47401	47052	1.12	cps
Holmium	165-1	6608179	6678360	6866804	6717781	1.99	cps
Holmium	165-2	3125075	3188215	3170700	3161330	1.03	cps
Indium	115-1	6271838	6404698	6435173	6370570	1.36	cps
Indium	115-2	912527	917543	915477	915182	0.28	cps
Iron	54-2	4656713	4607414	4627079	4630402	0.54	cps
Iron	56-2	84111160	84395796	84317338	84274765	0.17	cps
Iron	57-2	2148316	2145766	2117446	2137176	0.80	cps
Krypton	83-1	597	623	683	634	7.00	cps
Lead	207-1	142760	145783	146952	145165	1.49	cps
Lead	208-1	671583	687933	693249	684255	1.65	cps
Lead	206-1	176784	181564	180923	179757	1.44	cps

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	L4342-09	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-OFFSITE-4-S	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 18:32:48	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	2761260	3019551	3118179	2966330	6.21	cps
Magnesium	24-2	3898072	3809635	3766280	3824662	1.76	cps
Manganese	55-2	1199480	1199488	1190384	1196451	0.44	cps
Molybdenum	94-1	137727	140251	139823	139267	0.97	cps
Molybdenum	95-1	11213	11438	11146	11266	1.36	cps
Molybdenum	96-1	34468	34753	33215	34145	2.40	cps
Molybdenum	97-1	7227	7035	6894	7052	2.37	cps
Molybdenum	98-1	17445	17645	18363	17817	2.71	cps
Neodymium	150-1	144670	147057	148167	146631	1.22	cps
Neodymium	150-2	47788	46925	47444	47386	0.92	cps
Nickel	60-2	47034	46877	47171	47027	0.31	cps
Phosphorus	31-2	5560	5201	5426	5396	3.36	cps
Potassium	39-2	691191	697931	687641	692254	0.75	cps
Rhodium	103-1	5410939	5424513	5466151	5433868	0.53	cps
Rhodium	103-2	2514931	2528696	2494484	2512704	0.69	cps
Scandium	45-1	4256753	4291393	4260776	4269641	0.44	cps
Scandium	45-2	126936	129477	126074	127496	1.39	cps
Selenium	77-2	163	273	163	200	31.75	cps
Selenium	78-2	116	118	110	115	3.63	cps
Selenium	82-1	287	233	177	233	23.67	cps
Silicon	28-1	19460919	19598735	19773671	19611109	0.80	cps
Silver	109-1	3526	3526	3050	3367	8.15	cps
Silver	107-1	3659	3992	3742	3798	4.57	cps
Sodium	23-2	296976	298953	292004	295978	1.21	cps
Strontium	86-1	3663770	3687984	3626381	3659378	0.85	cps
Strontium	88-1	31486493	31712244	32011336	31736691	0.83	cps
Sulfur	34-1	631884	628607	630557	630350	0.26	cps
Terbium	159-1	6944898	7037486	7126472	7036285	1.29	cps
Terbium	159-2	3072084	3057352	3087179	3072205	0.49	cps
Thallium	203-1	3642	3967	3784	3798	4.29	cps
Thallium	205-1	8245	8695	9053	8664	4.68	cps
Tin	118-1	19573	20290	21125	20329	3.82	cps
Titanium	47-1	102155	100770	103431	102119	1.30	cps
Uranium	238-1	139049	141439	140522	140337	0.86	cps
Vanadium	51-2	205463	205453	206934	205950	0.41	cps
Yttrium	89-1	11485787	11777867	11770145	11677933	1.43	cps

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	L4342-09	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-OFFSITE-4-S	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 18:32:48	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1179212	1169416	1174083	1174237	0.42	cps
Zinc	66-2	39829	39371	39916	39705	0.74	cps
Zirconium	90-1	367601	365691	367786	367026	0.32	cps
Zirconium	91-1	81513	81740	82645	81966	0.73	cps

LB Number : LB111459 Operator : Jaswal
 Lab Sample ID : L4342-10 Instrumnet Name : P8
 Client Sample ID : BACKFILL-OFFSITE-5-S Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 18:35:39 DataFile Name : 032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1344360	1332634	1367926	1348307	1.33	cps
Antimony	121-1	6377	6127	6552	6352	3.36	cps
Arsenic	75-2	9478	9445	9686	9537	1.37	cps
Barium	135-1	489610	504777	503718	499368	1.70	cps
Barium	137-1	857279	869546	881945	869590	1.42	cps
Beryllium	9-1	5210	5610	5104	5308	5.03	cps
Bismuth	209-1	3763055	3794381	3803736	3787057	0.56	cps
Bismuth	209-2	2160507	2124474	2082402	2122461	1.84	cps
Boron	11-1	28478	31507	32656	30880	6.99	cps
Boron	10-1	5682	6404	6826	6304	9.18	cps
Bromine	81-1	6348	6879	7289	6839	6.90	cps
Cadmium	106-1	4359	3959	4009	4109	5.31	cps
Cadmium	108-1	417	479	488	461	8.40	cps
Cadmium	111-1	4693	4590	4499	4594	2.12	cps
Calcium	43-1	47157142	47729449	47573607	47486733	0.62	cps
Calcium	44-1	778601636	794453455	778907338	783987476	1.16	cps
Chromium	52-2	129440	128201	128551	128731	0.50	cps
Cobalt	59-2	90706	87701	89744	89384	1.72	cps
Copper	63-2	84814	84828	84992	84878	0.12	cps
Dysprosium	156-1	100628	105036	103558	103074	2.18	cps
Dysprosium	156-2	44320	44290	44280	44296	0.05	cps
Erbium	164-1	89904	93939	94762	92868	2.80	cps
Erbium	164-2	41387	41271	40866	41175	0.66	cps
Gadolinium	160-1	95525	101662	99966	99051	3.20	cps
Gadolinium	160-2	52011	51606	51737	51784	0.40	cps
Holmium	165-1	6766379	6806157	7016092	6862876	1.96	cps
Holmium	165-2	3155450	3173844	3130644	3153313	0.69	cps
Indium	115-1	6387733	6421734	6505986	6438484	0.95	cps
Indium	115-2	917789	914306	899068	910388	1.09	cps
Iron	54-2	5549331	5491269	5448184	5496261	0.92	cps
Iron	56-2	101491944	99454661	100600591	100515732	1.02	cps
Iron	57-2	2609702	2525356	2568650	2567903	1.64	cps
Krypton	83-1	743	670	653	689	6.95	cps
Lead	207-1	150734	158435	157534	155568	2.71	cps
Lead	208-1	718599	746869	749244	738237	2.31	cps
Lead	206-1	189584	197854	199173	195537	2.66	cps

LB Number : LB111459 Operator : Jaswal
 Lab Sample ID : L4342-10 Instrumnet Name : P8
 Client Sample ID : BACKFILL-OFFSITE-5-S Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 18:35:39 DataFile Name : 032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	2839122	2955640	3030575	2941779	3.28	cps
Magnesium	24-2	4036824	3981237	4050589	4022884	0.91	cps
Manganese	55-2	1541012	1538999	1535355	1538456	0.19	cps
Molybdenum	94-1	147830	153001	150332	150388	1.72	cps
Molybdenum	95-1	11839	11822	12373	12011	2.61	cps
Molybdenum	96-1	35538	36741	37785	36688	3.07	cps
Molybdenum	97-1	7444	6819	7160	7141	4.38	cps
Molybdenum	98-1	18863	18988	19114	18988	0.66	cps
Neodymium	150-1	158215	162509	162213	160979	1.49	cps
Neodymium	150-2	53275	52934	53416	53208	0.47	cps
Nickel	60-2	53018	52436	52065	52506	0.92	cps
Phosphorus	31-2	7811	7944	7719	7825	1.45	cps
Potassium	39-2	728658	716764	714314	719912	1.07	cps
Rhodium	103-1	5539316	5490980	5648744	5559680	1.45	cps
Rhodium	103-2	2512870	2538637	2474801	2508769	1.28	cps
Scandium	45-1	4360658	4295321	4395647	4350542	1.17	cps
Scandium	45-2	130224	128301	124761	127762	2.17	cps
Selenium	77-2	227	187	257	223	15.72	cps
Selenium	78-2	128	139	134	134	4.12	cps
Selenium	82-1	179	360	308	282	33.00	cps
Silicon	28-1	27662444	27666559	27966240	27765081	0.63	cps
Silver	109-1	1867	2067	2192	2042	8.03	cps
Silver	107-1	2217	2692	2434	2448	9.72	cps
Sodium	23-2	350943	342154	349523	347540	1.36	cps
Strontium	86-1	4835989	4970449	4940162	4915533	1.43	cps
Strontium	88-1	41844447	43028423	42886752	42586541	1.52	cps
Sulfur	34-1	640457	634995	643858	639770	0.70	cps
Terbium	159-1	7192671	7101416	7273813	7189300	1.20	cps
Terbium	159-2	3144564	3129746	2988213	3087508	2.80	cps
Thallium	203-1	3326	3684	3659	3556	5.63	cps
Thallium	205-1	8069	8945	8803	8606	5.46	cps
Tin	118-1	16202	16669	16794	16555	1.89	cps
Titanium	47-1	98807	100980	101006	100264	1.26	cps
Uranium	238-1	157400	161056	160801	159752	1.28	cps
Vanadium	51-2	229053	227415	231161	229209	0.82	cps
Yttrium	89-1	12384315	12116893	12196705	12232638	1.12	cps

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	L4342-10	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-OFFSITE-5-S	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 18:35:39	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1208685	1206290	1181196	1198724	1.27	cps
Zinc	66-2	41755	41213	41210	41392	0.76	cps
Zirconium	90-1	383064	401265	393722	392684	2.33	cps
Zirconium	91-1	84959	88138	89688	87595	2.75	cps

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P8
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 18:42:58	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	830993	833623	829535	831384	0.25	cps
Antimony	121-1	1555535	1569849	1589571	1571652	1.09	cps
Arsenic	75-2	57100	56701	56770	56857	0.38	cps
Barium	135-1	1618238	1617570	1661271	1632360	1.53	cps
Barium	137-1	2866508	2833704	2890993	2863735	1.00	cps
Beryllium	9-1	384026	385457	389737	386407	0.77	cps
Bismuth	209-1	3631267	3730395	3753125	3704929	1.75	cps
Bismuth	209-2	2204344	2115321	2163895	2161187	2.06	cps
Boron	11-1	118838	138613	149749	135733	11.53	cps
Boron	10-1	24956	28584	31060	28200	10.89	cps
Bromine	81-1	3043	2653	2803	2833	6.95	cps
Cadmium	106-1	39607	40878	41204	40563	2.08	cps
Cadmium	108-1	25941	25987	26476	26135	1.13	cps
Cadmium	111-1	358137	363801	365426	362455	1.06	cps
Calcium	43-1	2063279	2113079	2110119	2095493	1.33	cps
Calcium	44-1	33527172	34559468	34859130	34315256	2.04	cps
Chromium	52-2	416133	415477	413239	414950	0.37	cps
Cobalt	59-2	737773	739574	743206	740184	0.37	cps
Copper	63-2	5397398	5468359	5382923	5416227	0.84	cps
Dysprosium	156-1	125	150	117	131	13.28	cps
Dysprosium	156-2	43	53	60	52	16.07	cps
Erbium	164-1	75	50	33	53	39.74	cps
Erbium	164-2	37	17	27	27	37.50	cps
Gadolinium	160-1	167	167	92	142	30.56	cps
Gadolinium	160-2	60	100	80	80	25.00	cps
Holmium	165-1	6338741	6381981	6524157	6414960	1.51	cps
Holmium	165-2	3274141	3188812	3234156	3232370	1.32	cps
Indium	115-1	5960419	6090684	6167612	6072905	1.72	cps
Indium	115-2	943639	927344	947838	939607	1.15	cps
Iron	54-2	4141509	4179770	4104669	4141983	0.91	cps
Iron	56-2	73652360	75299502	75190982	74714281	1.23	cps
Iron	57-2	1877499	1913690	1906678	1899289	1.01	cps
Krypton	83-1	520	447	410	459	12.21	cps
Lead	207-1	3909215	3936278	3992331	3945941	1.07	cps
Lead	208-1	17593404	17678659	17810904	17694323	0.62	cps
Lead	206-1	4385249	4408294	4428721	4407421	0.49	cps

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P8
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 18:42:58	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	2110182	2091290	2068740	2090071	0.99	cps
Magnesium	24-2	13059698	12885784	13060141	13001874	0.77	cps
Manganese	55-2	1990631	1981428	2000119	1990726	0.47	cps
Molybdenum	94-1	3046072	3097846	3071018	3071645	0.84	cps
Molybdenum	95-1	3671580	3781238	3790751	3747857	1.77	cps
Molybdenum	96-1	4107893	4190400	4205747	4168013	1.26	cps
Molybdenum	97-1	2327303	2366067	2373891	2355754	1.06	cps
Molybdenum	98-1	5872619	5957236	5975879	5935245	0.93	cps
Neodymium	150-1	27	47	53	42	32.86	cps
Neodymium	150-2	13	7	3	8	65.47	cps
Nickel	60-2	200155	204396	201187	201913	1.10	cps
Phosphorus	31-2	12306	12539	12414	12420	0.94	cps
Potassium	39-2	5164901	5136512	5113018	5138144	0.51	cps
Rhodium	103-1	5708939	5776696	5842608	5776081	1.16	cps
Rhodium	103-2	2759921	2703798	2736365	2733361	1.03	cps
Scandium	45-1	4097466	4266748	4324176	4229464	2.79	cps
Scandium	45-2	133796	133460	134591	133949	0.43	cps
Selenium	77-2	690	810	717	739	8.53	cps
Selenium	78-2	2500	2436	2505	2481	1.55	cps
Selenium	82-1	24148	25010	25109	24756	2.13	cps
Silicon	28-1	1844704	1952149	2053933	1950262	5.36	cps
Silver	109-1	1686266	1686284	1695120	1689223	0.30	cps
Silver	107-1	1792353	1817851	1815988	1808731	0.79	cps
Sodium	23-2	25188062	25186466	25306475	25227001	0.27	cps
Strontium	86-1	474838	492410	484461	483903	1.82	cps
Strontium	88-1	4067213	4221101	4154204	4147506	1.86	cps
Sulfur	34-1	709886	707144	706942	707990	0.23	cps
Terbium	159-1	6634095	6803132	6814284	6750504	1.50	cps
Terbium	159-2	3164800	3088477	3152094	3135124	1.30	cps
Thallium	203-1	998087	1013416	1028700	1013401	1.51	cps
Thallium	205-1	2409656	2450287	2447784	2435909	0.93	cps
Tin	118-1	1106643	1136338	1141054	1128011	1.65	cps
Titanium	47-1	1098095	1120727	1124441	1114421	1.28	cps
Uranium	238-1	3012062	3067941	3052762	3044255	0.95	cps
Vanadium	51-2	346305	347812	345942	346686	0.29	cps
Yttrium	89-1	10326492	10454976	10771008	10517492	2.18	cps

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P8
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 18:42:58	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1143342	1119604	1139366	1134104	1.12	cps
Zinc	66-2	740860	749007	745069	744979	0.55	cps
Zirconium	90-1	2515850	2607227	2610925	2578000	2.09	cps
Zirconium	91-1	565628	581602	581827	576352	1.61	cps

LB Number : LB111459 Operator : Jaswal
 Lab Sample ID : CCB21 Instrumnet Name : P8
 Client Sample ID : CCB21 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 18:48:10 DataFile Name : 034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	221	220	227	223	1.80	cps
Antimony	121-1	125	225	142	164	32.69	cps
Arsenic	75-2	3	8	15	9	69.55	cps
Barium	135-1	33	17	8	19	65.47	cps
Barium	137-1	42	25	25	31	31.50	cps
Beryllium	9-1	146	116	118	127	13.24	cps
Bismuth	209-1	3736027	3658369	3511742	3635379	3.13	cps
Bismuth	209-2	2185684	2217340	2199285	2200770	0.72	cps
Boron	11-1	6520	6546	6074	6380	4.16	cps
Boron	10-1	1410	1306	1322	1346	4.16	cps
Bromine	81-1	2503	2933	2713	2716	7.92	cps
Cadmium	106-1	2617	2550	2317	2495	6.32	cps
Cadmium	108-1	21	13	13	15	31.48	cps
Cadmium	111-1	1846	1797	1626	1756	6.60	cps
Calcium	43-1	380	410	406	399	4.10	cps
Calcium	44-1	20719	20498	21266	20827	1.90	cps
Chromium	52-2	657	617	790	688	13.20	cps
Cobalt	59-2	63	57	53	58	8.81	cps
Copper	63-2	1480	1423	1597	1500	5.89	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	92	25	33	50	72.65	cps
Erbium	164-2	10	23	20	18	39.03	cps
Gadolinium	160-1	83	50	42	58	37.80	cps
Gadolinium	160-2	10	17	10	12	31.50	cps
Holmium	165-1	6293339	6125536	6023191	6147355	2.22	cps
Holmium	165-2	3147545	3204308	3133508	3161787	1.19	cps
Indium	115-1	6190472	5910732	5997652	6032952	2.37	cps
Indium	115-2	951892	971893	939958	954581	1.69	cps
Iron	54-2	383	350	400	378	6.74	cps
Iron	56-2	2911	2695	2773	2793	3.93	cps
Iron	57-2	111	172	133	139	22.27	cps
Krypton	83-1	450	477	477	468	3.29	cps
Lead	207-1	806	861	706	791	9.97	cps
Lead	208-1	3506	3622	3278	3469	5.05	cps
Lead	206-1	867	928	794	863	7.73	cps

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P8
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 18:48:10	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	2061264	1980976	1984705	2008982	2.26	cps
Magnesium	24-2	650	625	658	644	2.69	cps
Manganese	55-2	93	63	63	73	23.62	cps
Molybdenum	94-1	350	275	275	300	14.43	cps
Molybdenum	95-1	300	283	267	283	5.88	cps
Molybdenum	96-1	458	408	558	475	16.08	cps
Molybdenum	97-1	158	183	117	153	22.04	cps
Molybdenum	98-1	450	358	417	408	11.36	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	77	87	70	78	10.79	cps
Phosphorus	31-2	208	117	167	164	28.00	cps
Potassium	39-2	25323	24605	25147	25025	1.50	cps
Rhodium	103-1	5946368	5773952	5763579	5827966	1.76	cps
Rhodium	103-2	2837589	2819037	2789562	2815396	0.86	cps
Scandium	45-1	4233548	4084350	3963577	4093825	3.30	cps
Scandium	45-2	133884	137743	133726	135118	1.68	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	38	43	38	40	7.28	cps
Selenium	82-1	2	-36	-17	-17	-110.07	cps
Silicon	28-1	891154	860320	872209	874561	1.78	cps
Silver	109-1	400	333	292	342	15.99	cps
Silver	107-1	392	433	383	403	6.65	cps
Sodium	23-2	15842	15358	15167	15456	2.25	cps
Strontium	86-1	658	692	567	639	10.13	cps
Strontium	88-1	183	133	158	158	15.79	cps
Sulfur	34-1	576701	580801	586183	581228	0.82	cps
Terbium	159-1	6555308	6544901	6462806	6521005	0.78	cps
Terbium	159-2	3184413	3113353	3064917	3120894	1.93	cps
Thallium	203-1	150	125	100	125	20.00	cps
Thallium	205-1	317	383	283	328	15.54	cps
Tin	118-1	275	317	350	314	11.97	cps
Titanium	47-1	342	392	358	364	7.00	cps
Uranium	238-1	17	17	8	14	34.67	cps
Vanadium	51-2	30	33	17	27	33.06	cps
Yttrium	89-1	10685545	10301897	10121899	10369780	2.78	cps

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P8
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 18:48:10	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1144722	1155010	1117555	1139096	1.70	cps
Zinc	66-2	307	353	303	321	8.71	cps
Zirconium	90-1	567	375	317	419	31.18	cps
Zirconium	91-1	142	75	108	108	30.77	cps

LB Number : LB111459 Operator : Jaswal
 Lab Sample ID : L4342-07MS Instrumnet Name : P8
 Client Sample ID : BACKFILL-OFFSITE-2-S Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 18:50:59 DataFile Name : 035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1313199	1303934	1279765	1298966	1.33	cps
Antimony	121-1	1518463	1586669	1590860	1565331	2.60	cps
Arsenic	75-2	65148	64560	64025	64578	0.87	cps
Barium	135-1	1887879	2004085	1996156	1962707	3.31	cps
Barium	137-1	3260336	3439183	3452505	3384008	3.17	cps
Beryllium	9-1	370206	374662	373713	372860	0.63	cps
Bismuth	209-1	3581842	3594568	3778227	3651546	3.01	cps
Bismuth	209-2	2084748	2144661	2159191	2129533	1.85	cps
Boron	11-1	151226	167796	179655	166226	8.59	cps
Boron	10-1	30740	34884	37789	34471	10.28	cps
Bromine	81-1	5967	6088	6859	6305	7.67	cps
Cadmium	106-1	39633	42374	40602	40870	3.40	cps
Cadmium	108-1	26213	26150	27181	26514	2.18	cps
Cadmium	111-1	348819	364727	363454	359000	2.46	cps
Calcium	43-1	36959106	38020612	38358585	37779435	1.93	cps
Calcium	44-1	617065528	632222013	641681671	630323071	1.97	cps
Chromium	52-2	511005	516094	514058	513719	0.50	cps
Cobalt	59-2	800922	805624	797541	801362	0.51	cps
Copper	63-2	1051806	1055349	1044387	1050514	0.53	cps
Dysprosium	156-1	78162	82571	81548	80760	2.86	cps
Dysprosium	156-2	36781	36259	36707	36582	0.77	cps
Erbium	164-1	70362	74325	73436	72708	2.86	cps
Erbium	164-2	33064	33990	33422	33492	1.39	cps
Gadolinium	160-1	76051	80216	80736	79001	3.25	cps
Gadolinium	160-2	41708	43069	42173	42317	1.64	cps
Holmium	165-1	6337945	6444789	6741705	6508146	3.21	cps
Holmium	165-2	3192590	3218643	3233963	3215065	0.65	cps
Indium	115-1	6094565	6292716	6640297	6342526	4.36	cps
Indium	115-2	952164	957876	956941	955660	0.32	cps
Iron	54-2	5220834	5243659	5170146	5211546	0.72	cps
Iron	56-2	95318660	95773735	93331969	94808122	1.37	cps
Iron	57-2	2440365	2387210	2353254	2393610	1.83	cps
Krypton	83-1	540	597	613	583	6.59	cps
Lead	207-1	856437	905041	920173	893884	3.73	cps
Lead	208-1	3973421	4186585	4196684	4118896	3.06	cps
Lead	206-1	989234	1013098	1038298	1013543	2.42	cps

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	L4342-07MS	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-OFFSITE-2-S	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 18:50:59	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	2192564	2255142	2460826	2302844	6.09	cps
Magnesium	24-2	5990311	6021387	5971981	5994560	0.42	cps
Manganese	55-2	1506805	1490923	1481068	1492932	0.87	cps
Molybdenum	94-1	3040273	3156269	3175005	3123849	2.34	cps
Molybdenum	95-1	3626607	3605508	3636943	3623019	0.44	cps
Molybdenum	96-1	3968156	4123808	4068144	4053369	1.95	cps
Molybdenum	97-1	2249343	2339448	2298060	2295617	1.96	cps
Molybdenum	98-1	5662930	5875772	5785725	5774809	1.85	cps
Neodymium	150-1	124208	129429	129039	127559	2.28	cps
Neodymium	150-2	43774	44677	43520	43991	1.38	cps
Nickel	60-2	248846	250641	245371	248286	1.08	cps
Phosphorus	31-2	5501	4934	4701	5045	8.16	cps
Potassium	39-2	1606433	1602656	1587945	1599011	0.61	cps
Rhodium	103-1	5472162	5479170	5683488	5544940	2.16	cps
Rhodium	103-2	2632098	2610254	2613379	2618577	0.45	cps
Scandium	45-1	4267973	4249583	4447882	4321813	2.54	cps
Scandium	45-2	133982	136985	135792	135586	1.12	cps
Selenium	77-2	900	820	830	850	5.13	cps
Selenium	78-2	2511	2437	2418	2456	2.00	cps
Selenium	82-1	25009	25612	25392	25338	1.20	cps
Silicon	28-1	38110583	38857835	38575656	38514691	0.98	cps
Silver	109-1	1677042	1702640	1681934	1687205	0.81	cps
Silver	107-1	1759951	1833962	1822241	1805384	2.20	cps
Sodium	23-2	5086773	5010787	4944764	5014108	1.42	cps
Strontium	86-1	3587347	3655130	3641048	3627842	0.99	cps
Strontium	88-1	30903191	31368918	31756090	31342733	1.36	cps
Sulfur	34-1	607639	602774	599017	603143	0.72	cps
Terbium	159-1	6784795	6936725	7199891	6973804	3.01	cps
Terbium	159-2	3078679	3167968	3192913	3146520	1.91	cps
Thallium	203-1	997691	1044554	1056207	1032817	3.00	cps
Thallium	205-1	2386953	2483427	2515805	2462062	2.72	cps
Tin	118-1	1072097	1096458	1109237	1092598	1.73	cps
Titanium	47-1	1114592	1160332	1158382	1144435	2.26	cps
Uranium	238-1	3092696	3201118	3243585	3179133	2.45	cps
Vanadium	51-2	560758	555249	548458	554822	1.11	cps
Yttrium	89-1	11774854	11639134	11993604	11802531	1.52	cps

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	L4342-07MS	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-OFFSITE-2-S	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 18:50:59	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1244022	1245321	1237449	1242264	0.34	cps
Zinc	66-2	161447	161839	159200	160829	0.89	cps
Zirconium	90-1	2892649	3020965	2987574	2967063	2.24	cps
Zirconium	91-1	649233	676217	671815	665755	2.17	cps

LB Number : LB111459 Operator : Jaswal
 Lab Sample ID : L4342-07MSD Instrumnet Name : P8
 Client Sample ID : BACKFILL-OFFSITE-2-S Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 18:53:50 DataFile Name : 036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1236934	1242194	1260357	1246495	0.99	cps
Antimony	121-1	1530269	1605678	1634778	1590242	3.39	cps
Arsenic	75-2	62948	62422	62256	62542	0.58	cps
Barium	135-1	1972076	2038645	2025983	2012235	1.76	cps
Barium	137-1	3398028	3480740	3523418	3467395	1.84	cps
Beryllium	9-1	366616	368063	367422	367367	0.20	cps
Bismuth	209-1	3713815	3749939	3863795	3775850	2.07	cps
Bismuth	209-2	2163920	2187143	2180781	2177281	0.55	cps
Boron	11-1	163205	177845	189406	176819	7.43	cps
Boron	10-1	34257	36885	38983	36708	6.45	cps
Bromine	81-1	6518	6869	6719	6702	2.62	cps
Cadmium	106-1	40920	42040	41179	41379	1.42	cps
Cadmium	108-1	25386	26797	26918	26367	3.23	cps
Cadmium	111-1	356950	366569	368673	364064	1.72	cps
Calcium	43-1	37665373	38670839	38777932	38371381	1.60	cps
Calcium	44-1	628204495	639660323	640113447	635992755	1.06	cps
Chromium	52-2	496926	502784	492285	497332	1.06	cps
Cobalt	59-2	783435	789948	783530	785638	0.48	cps
Copper	63-2	1022329	1031687	1035130	1029716	0.64	cps
Dysprosium	156-1	82772	83980	82529	83094	0.94	cps
Dysprosium	156-2	36607	37482	36801	36963	1.24	cps
Erbium	164-1	73268	73880	76059	74403	1.97	cps
Erbium	164-2	34227	34709	33392	34109	1.95	cps
Gadolinium	160-1	78556	81834	84005	81465	3.37	cps
Gadolinium	160-2	42136	43524	42852	42837	1.62	cps
Holmium	165-1	6620724	6786830	6877168	6761574	1.92	cps
Holmium	165-2	3176550	3248474	3214866	3213297	1.12	cps
Indium	115-1	6254907	6467210	6492030	6404716	2.03	cps
Indium	115-2	931890	943794	940807	938830	0.66	cps
Iron	54-2	5056662	5045318	5067716	5056566	0.22	cps
Iron	56-2	91676871	92476255	93254858	92469328	0.85	cps
Iron	57-2	2334333	2358813	2370286	2354477	0.78	cps
Krypton	83-1	560	533	673	589	12.62	cps
Lead	207-1	909384	920566	939413	923121	1.64	cps
Lead	208-1	4167118	4214888	4292940	4224982	1.50	cps
Lead	206-1	1031285	1048120	1058653	1046020	1.32	cps

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	L4342-07MSD	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-OFFSITE-2-S	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 18:53:50	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	2549011	2755848	2749103	2684654	4.38	cps
Magnesium	24-2	5838224	5821464	5792437	5817375	0.40	cps
Manganese	55-2	1456230	1478861	1462747	1465946	0.79	cps
Molybdenum	94-1	3094141	3134862	3180471	3136491	1.38	cps
Molybdenum	95-1	3586024	3644642	3657143	3629270	1.05	cps
Molybdenum	96-1	4036160	4040242	4024481	4033627	0.20	cps
Molybdenum	97-1	2264435	2234605	2265561	2254867	0.78	cps
Molybdenum	98-1	5716798	5689372	5729304	5711825	0.36	cps
Neodymium	150-1	129356	132869	133180	131802	1.61	cps
Neodymium	150-2	44166	44159	43979	44101	0.24	cps
Nickel	60-2	241854	240575	239676	240702	0.45	cps
Phosphorus	31-2	4818	4843	5234	4965	4.71	cps
Potassium	39-2	1523584	1508823	1515184	1515864	0.49	cps
Rhodium	103-1	5554033	5623229	5662139	5613134	0.98	cps
Rhodium	103-2	2597121	2631782	2609539	2612814	0.67	cps
Scandium	45-1	4201573	4395082	4449173	4348609	2.99	cps
Scandium	45-2	131605	133141	131082	131943	0.81	cps
Selenium	77-2	900	817	807	841	6.09	cps
Selenium	78-2	2312	2470	2418	2400	3.36	cps
Selenium	82-1	25306	25393	25368	25356	0.18	cps
Silicon	28-1	39359558	38712137	38316832	38796176	1.36	cps
Silver	109-1	1702275	1734140	1750827	1729081	1.43	cps
Silver	107-1	1781427	1842278	1849343	1824349	2.05	cps
Sodium	23-2	4862165	4842611	4890789	4865188	0.50	cps
Strontium	86-1	3627257	3635421	3709399	3657359	1.24	cps
Strontium	88-1	31189225	31730034	32129783	31683014	1.49	cps
Sulfur	34-1	598115	588365	590686	592389	0.86	cps
Terbium	159-1	6919945	7131736	7304497	7118726	2.71	cps
Terbium	159-2	3143629	3201430	3190368	3178476	0.97	cps
Thallium	203-1	1060937	1064657	1092805	1072800	1.62	cps
Thallium	205-1	2532474	2526162	2586510	2548382	1.30	cps
Tin	118-1	1084242	1102788	1109030	1098687	1.17	cps
Titanium	47-1	1120891	1147739	1149965	1139531	1.42	cps
Uranium	238-1	3212462	3319011	3342322	3291265	2.10	cps
Vanadium	51-2	538775	543841	544033	542217	0.55	cps
Yttrium	89-1	11675783	11950692	12180900	11935792	2.12	cps

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	L4342-07MSD	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-OFFSITE-2-S	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 18:53:50	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1216910	1230450	1227653	1225004	0.58	cps
Zinc	66-2	155977	157340	154585	155967	0.88	cps
Zirconium	90-1	2894633	2962467	3023927	2960342	2.18	cps
Zirconium	91-1	650221	669758	683271	667750	2.49	cps

LB Number : LB111459 Operator : Jaswal
 Lab Sample ID : L4342-07A Instrumnet Name : P8
 Client Sample ID : BACKFILL-OFFSITE-2-S Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 19:00:09 DataFile Name : 038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1236762	1231717	1221378	1229952	0.64	cps
Antimony	121-1	1572453	1593142	1601364	1588986	0.94	cps
Arsenic	75-2	61931	62061	62417	62136	0.40	cps
Barium	135-1	1961011	2039623	1999085	1999906	1.97	cps
Barium	137-1	3386530	3529477	3447267	3454425	2.08	cps
Beryllium	9-1	365612	372376	369247	369078	0.92	cps
Bismuth	209-1	3710165	3632008	3821353	3721176	2.56	cps
Bismuth	209-2	2104631	2106107	2085265	2098668	0.55	cps
Boron	11-1	165121	180666	191736	179174	7.46	cps
Boron	10-1	33666	37117	39593	36792	8.09	cps
Bromine	81-1	6488	6268	7089	6615	6.43	cps
Cadmium	106-1	40410	42115	42382	41636	2.57	cps
Cadmium	108-1	25808	26563	27114	26495	2.48	cps
Cadmium	111-1	359562	367119	361328	362670	1.09	cps
Calcium	43-1	37273678	38119373	38481799	37958283	1.63	cps
Calcium	44-1	626941713	630371285	635730975	631014658	0.70	cps
Chromium	52-2	488111	490634	493370	490705	0.54	cps
Cobalt	59-2	773612	770802	779401	774605	0.57	cps
Copper	63-2	1014414	1019366	1029582	1021121	0.76	cps
Dysprosium	156-1	80409	85565	81414	82463	3.31	cps
Dysprosium	156-2	36490	36443	36911	36615	0.70	cps
Erbium	164-1	72398	77240	75363	75000	3.26	cps
Erbium	164-2	33479	33459	34124	33687	1.12	cps
Gadolinium	160-1	77324	82186	81297	80269	3.23	cps
Gadolinium	160-2	42283	43096	42334	42571	1.07	cps
Holmium	165-1	6444997	6533501	6862564	6613687	3.33	cps
Holmium	165-2	3145964	3142204	3186195	3158121	0.77	cps
Indium	115-1	6079501	6277541	6572843	6309962	3.93	cps
Indium	115-2	898527	900248	898542	899106	0.11	cps
Iron	54-2	4987531	4994065	5032311	5004635	0.48	cps
Iron	56-2	90158816	90237335	91050094	90482082	0.55	cps
Iron	57-2	2292881	2321094	2320572	2311516	0.70	cps
Krypton	83-1	647	560	650	619	8.24	cps
Lead	207-1	924605	939049	933396	932350	0.78	cps
Lead	208-1	4211024	4322279	4275333	4269545	1.31	cps
Lead	206-1	1031847	1067085	1060507	1053146	1.78	cps

LB Number : LB111459 Operator : Jaswal
 Lab Sample ID : L4342-07A Instrumnet Name : P8
 Client Sample ID : BACKFILL-OFFSITE-2-S Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 19:00:09 DataFile Name : 038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	2489891	2648601	2760509	2633000	5.16	cps
Magnesium	24-2	5779498	5735268	5656008	5723591	1.09	cps
Manganese	55-2	1433266	1414581	1440374	1429407	0.93	cps
Molybdenum	94-1	3099045	3157864	3152702	3136537	1.04	cps
Molybdenum	95-1	3570413	3649902	3650542	3623619	1.27	cps
Molybdenum	96-1	3983350	3994323	4075080	4017584	1.25	cps
Molybdenum	97-1	2227229	2266101	2266410	2253247	1.00	cps
Molybdenum	98-1	5619260	5810737	5797924	5742640	1.86	cps
Neodymium	150-1	128778	132627	134869	132091	2.33	cps
Neodymium	150-2	43741	43176	43818	43578	0.80	cps
Nickel	60-2	241700	238855	238941	239832	0.67	cps
Phosphorus	31-2	4843	4592	5034	4823	4.59	cps
Potassium	39-2	1496785	1502840	1505651	1501759	0.30	cps
Rhodium	103-1	5445063	5549362	5665553	5553326	1.99	cps
Rhodium	103-2	2527599	2505904	2505622	2513042	0.50	cps
Scandium	45-1	4194066	4250525	4421973	4288855	2.77	cps
Scandium	45-2	128101	127840	127000	127647	0.45	cps
Selenium	77-2	797	883	780	820	6.77	cps
Selenium	78-2	2384	2254	2352	2330	2.91	cps
Selenium	82-1	25046	25424	25224	25231	0.75	cps
Silicon	28-1	37949238	38322454	38515337	38262343	0.75	cps
Silver	109-1	1963791	2018160	1983210	1988387	1.39	cps
Silver	107-1	2087556	2155062	2138442	2127020	1.65	cps
Sodium	23-2	4833089	4855700	4750920	4813236	1.15	cps
Strontium	86-1	3595910	3715395	3664339	3658548	1.64	cps
Strontium	88-1	30481699	31948610	31678189	31369499	2.49	cps
Sulfur	34-1	602500	596559	597168	598742	0.55	cps
Terbium	159-1	6743791	6885158	7187718	6938889	3.27	cps
Terbium	159-2	3097219	3097513	3103330	3099354	0.11	cps
Thallium	203-1	1055304	1092846	1077657	1075269	1.76	cps
Thallium	205-1	2470255	2616185	2593439	2559960	3.07	cps
Tin	118-1	1077261	1113049	1119656	1103322	2.07	cps
Titanium	47-1	1116991	1145363	1144500	1135618	1.42	cps
Uranium	238-1	3250327	3320170	3382077	3317525	1.99	cps
Vanadium	51-2	532004	531199	530510	531237	0.14	cps
Yttrium	89-1	11412740	11622779	12012251	11682590	2.60	cps

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	L4342-07A	Instrumnet Name :	P8
Client Sample ID :	BACKFILL-OFFSITE-2-S	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 19:00:09	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1175526	1177703	1182982	1178737	0.33	cps
Zinc	66-2	153531	155401	156773	155235	1.05	cps
Zirconium	90-1	2935150	3056836	3022228	3004738	2.09	cps
Zirconium	91-1	655271	674833	672626	667577	1.60	cps

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P8
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 19:11:50	DataFile Name :	039CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	830320	832998	828406	830574	0.28	cps
Antimony	121-1	1542895	1570371	1592883	1568716	1.60	cps
Arsenic	75-2	56249	56652	56943	56615	0.62	cps
Barium	135-1	1596648	1639241	1630744	1622211	1.39	cps
Barium	137-1	2769569	2784749	2821838	2792052	0.96	cps
Beryllium	9-1	371365	383120	388849	381111	2.34	cps
Bismuth	209-1	3710536	3611278	3547366	3623060	2.27	cps
Bismuth	209-2	2194638	2214821	2170684	2193381	1.01	cps
Boron	11-1	121327	139866	154453	138549	11.98	cps
Boron	10-1	25723	29369	31944	29012	10.77	cps
Bromine	81-1	3064	2853	2673	2863	6.83	cps
Cadmium	106-1	38554	40234	39373	39387	2.13	cps
Cadmium	108-1	25198	25966	25879	25681	1.64	cps
Cadmium	111-1	346681	357284	358326	354097	1.82	cps
Calcium	43-1	2044333	2089786	2135399	2089839	2.18	cps
Calcium	44-1	33575071	33667544	34543831	33928815	1.58	cps
Chromium	52-2	416822	413857	416164	415614	0.37	cps
Cobalt	59-2	734220	733126	732776	733374	0.10	cps
Copper	63-2	5359511	5308681	5336347	5334846	0.48	cps
Dysprosium	156-1	150	58	133	114	42.87	cps
Dysprosium	156-2	53	47	53	51	7.52	cps
Erbium	164-1	42	42	58	47	20.38	cps
Erbium	164-2	17	10	20	16	32.73	cps
Gadolinium	160-1	133	192	117	147	26.75	cps
Gadolinium	160-2	87	67	57	70	21.82	cps
Holmium	165-1	6486852	6449046	6334052	6423317	1.24	cps
Holmium	165-2	3238671	3337211	3300388	3292090	1.51	cps
Indium	115-1	6091364	6015359	5902083	6002935	1.59	cps
Indium	115-2	938751	967958	941990	949566	1.69	cps
Iron	54-2	4157143	4118822	4062301	4112755	1.16	cps
Iron	56-2	74904616	74347324	73779066	74343668	0.76	cps
Iron	57-2	1889816	1887359	1861565	1879580	0.83	cps
Krypton	83-1	477	490	510	492	3.41	cps
Lead	207-1	3848039	3739937	3869079	3819018	1.81	cps
Lead	208-1	17112160	16996815	17293791	17134255	0.87	cps
Lead	206-1	4222434	4235005	4382106	4279848	2.07	cps

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P8
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 19:11:50	DataFile Name :	039CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	2075766	2012195	2005681	2031214	1.91	cps
Magnesium	24-2	12941898	12898890	12879339	12906709	0.25	cps
Manganese	55-2	2002644	2015568	1949558	1989257	1.76	cps
Molybdenum	94-1	2935177	2994815	3058113	2996035	2.05	cps
Molybdenum	95-1	3601209	3721493	3715898	3679533	1.85	cps
Molybdenum	96-1	4054239	4098101	4145524	4099288	1.11	cps
Molybdenum	97-1	2268123	2333152	2313430	2304902	1.45	cps
Molybdenum	98-1	5733749	5810321	5868527	5804199	1.16	cps
Neodymium	150-1	87	80	60	76	18.37	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	199914	199117	198846	199292	0.28	cps
Phosphorus	31-2	12139	11622	12414	12058	3.34	cps
Potassium	39-2	5167909	5128056	5110146	5135370	0.58	cps
Rhodium	103-1	5807226	5677183	5551224	5678544	2.25	cps
Rhodium	103-2	2710980	2785373	2676102	2724152	2.05	cps
Scandium	45-1	4311988	4159091	4161162	4210747	2.08	cps
Scandium	45-2	132429	137734	134675	134946	1.97	cps
Selenium	77-2	810	710	717	746	7.50	cps
Selenium	78-2	2508	2600	2514	2541	2.00	cps
Selenium	82-1	24218	24551	24815	24528	1.22	cps
Silicon	28-1	1806297	1932561	1996505	1911788	5.06	cps
Silver	109-1	1633751	1653910	1683046	1656902	1.50	cps
Silver	107-1	1732035	1803299	1808496	1781277	2.40	cps
Sodium	23-2	24924470	24958767	24867607	24916948	0.18	cps
Strontium	86-1	465082	475947	484192	475074	2.02	cps
Strontium	88-1	3972175	4025858	4118468	4038833	1.83	cps
Sulfur	34-1	706132	708374	710152	708220	0.28	cps
Terbium	159-1	6755479	6686285	6672519	6704761	0.66	cps
Terbium	159-2	3165129	3238457	3161061	3188216	1.37	cps
Thallium	203-1	962488	1001712	1005840	990014	2.42	cps
Thallium	205-1	2362329	2341160	2433525	2379005	2.03	cps
Tin	118-1	1084247	1127744	1128945	1113645	2.29	cps
Titanium	47-1	1078298	1105514	1118572	1100794	1.87	cps
Uranium	238-1	2883807	2968668	2954168	2935547	1.55	cps
Vanadium	51-2	346293	341775	345097	344388	0.68	cps
Yttrium	89-1	10528432	10311581	10222884	10354299	1.52	cps

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P8
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 19:11:50	DataFile Name :	039CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1135568	1175556	1140054	1150392	1.90	cps
Zinc	66-2	744447	744886	741845	743726	0.22	cps
Zirconium	90-1	2459457	2555915	2537574	2517649	2.03	cps
Zirconium	91-1	555535	566886	570943	564455	1.41	cps

LB Number : LB111459 Operator : Jaswal
 Lab Sample ID : CCB22 Instrumnet Name : P8
 Client Sample ID : CCB22 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 19:22:22 DataFile Name : 040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	204	229	202	212	6.99	cps
Antimony	121-1	100	142	125	122	17.16	cps
Arsenic	75-2	11	10	12	11	9.09	cps
Barium	135-1	33	8	17	19	65.47	cps
Barium	137-1	25	33	17	25	33.32	cps
Beryllium	9-1	150	144	124	139	9.77	cps
Bismuth	209-1	3610945	3659184	3486956	3585695	2.48	cps
Bismuth	209-2	2161957	2172700	2224446	2186368	1.53	cps
Boron	11-1	5282	5490	5314	5362	2.09	cps
Boron	10-1	1166	1124	1112	1134	2.50	cps
Bromine	81-1	2683	2633	2793	2703	3.03	cps
Cadmium	106-1	2192	2342	2250	2261	3.34	cps
Cadmium	108-1	8	4	21	11	78.05	cps
Cadmium	111-1	1549	1661	1577	1596	3.66	cps
Calcium	43-1	386	352	366	368	4.61	cps
Calcium	44-1	19366	18909	19079	19118	1.21	cps
Chromium	52-2	777	717	790	761	5.13	cps
Cobalt	59-2	60	50	50	53	10.83	cps
Copper	63-2	1103	1087	1190	1127	4.92	cps
Dysprosium	156-1	33	8	17	19	65.47	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	50	33	25	36	35.25	cps
Erbium	164-2	13	10	20	14	35.26	cps
Gadolinium	160-1	50	83	75	69	24.98	cps
Gadolinium	160-2	13	23	23	20	28.87	cps
Holmium	165-1	6144396	6197533	5874179	6072036	2.86	cps
Holmium	165-2	3143873	3188971	3170366	3167737	0.72	cps
Indium	115-1	5938348	6047806	5761076	5915743	2.45	cps
Indium	115-2	931007	957465	963856	950776	1.83	cps
Iron	54-2	356	361	378	365	3.17	cps
Iron	56-2	2734	2723	2578	2678	3.24	cps
Iron	57-2	117	172	117	135	23.73	cps
Krypton	83-1	440	413	473	442	6.80	cps
Lead	207-1	800	933	817	850	8.55	cps
Lead	208-1	4006	3811	4256	4024	5.54	cps
Lead	206-1	1033	956	1111	1033	7.53	cps

LB Number : LB111459 Operator : Jaswal
 Lab Sample ID : CCB22 Instrumnet Name : P8
 Client Sample ID : CCB22 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 19:22:22 DataFile Name : 040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1948785	1927398	1880735	1918973	1.81	cps
Magnesium	24-2	467	450	533	483	9.12	cps
Manganese	55-2	110	100	90	100	10.00	cps
Molybdenum	94-1	200	167	208	192	11.50	cps
Molybdenum	95-1	242	117	92	150	53.58	cps
Molybdenum	96-1	417	350	283	350	19.05	cps
Molybdenum	97-1	125	125	100	117	12.37	cps
Molybdenum	98-1	267	242	308	272	12.37	cps
Neodymium	150-1	7	0	20	9	114.55	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	97	63	93	84	21.74	cps
Phosphorus	31-2	133	158	150	147	8.65	cps
Potassium	39-2	24571	24079	23904	24185	1.43	cps
Rhodium	103-1	5667807	5865836	5472898	5668847	3.47	cps
Rhodium	103-2	2726922	2802412	2813035	2780790	1.69	cps
Scandium	45-1	4174830	4103977	4021677	4100161	1.87	cps
Scandium	45-2	131062	133269	135506	133279	1.67	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	37	29	41	36	17.13	cps
Selenium	82-1	13	0	14	9	84.51	cps
Silicon	28-1	879591	876162	874418	876724	0.30	cps
Silver	109-1	558	633	633	608	7.12	cps
Silver	107-1	542	592	758	631	17.99	cps
Sodium	23-2	13140	12648	12381	12723	3.03	cps
Strontium	86-1	708	617	817	714	14.02	cps
Strontium	88-1	175	183	100	153	30.04	cps
Sulfur	34-1	575720	573181	576869	575256	0.33	cps
Terbium	159-1	6477403	6586598	6106272	6390091	3.94	cps
Terbium	159-2	3049424	3146139	3184050	3126538	2.22	cps
Thallium	203-1	183	92	92	122	43.30	cps
Thallium	205-1	267	300	233	267	12.50	cps
Tin	118-1	200	283	225	236	18.11	cps
Titanium	47-1	475	392	408	425	10.38	cps
Uranium	238-1	8	25	17	17	50.01	cps
Vanadium	51-2	20	17	27	21	24.12	cps
Yttrium	89-1	10089707	10303639	9845907	10079751	2.27	cps

LB Number :	LB111459	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P8
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 19:22:22	DataFile Name :	040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1117123	1138298	1147218	1134213	1.36	cps
Zinc	66-2	227	243	267	246	8.18	cps
Zirconium	90-1	417	442	333	397	14.28	cps
Zirconium	91-1	83	117	125	108	20.35	cps