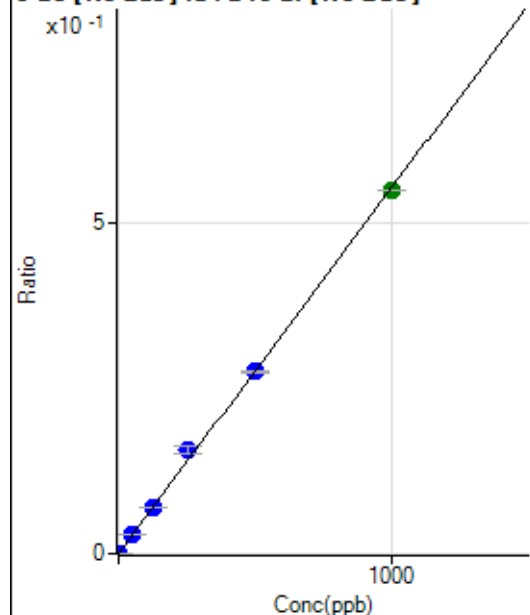


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8062321-MS.b\
Analysis File: P8062321-MS.batch.bin
DA Date-Time: 2021-06-28 00:41:20
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2021-06-23 17:04:45
2	005CALS.d	S02	2021-06-23 17:10:57
3	006CALS.d	S03	2021-06-23 17:14:04
4	007CALS.d	S04	2021-06-23 17:17:07
5	008CALS.d	S05	2021-06-23 17:20:12
6	009CALS.d	S06	2021-06-23 17:23:16
7	010CALS.d	S07	2021-06-23 17:26:21
8	011CALS.d	S08	2021-06-23 17:29:24

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	39.99	0.0000	P	18.9
2	☐	1.000	1.051	1336.47	0.0006	P	3.3
3	☐	50.000	51.542	66190.12	0.0285	P	1.7
4	☐	125.000	126.980	170330.45	0.0703	P	2.9
5	☐	250.000	283.108	344147.26	0.1567	P	7.5
6	☐	500.000	498.513	682117.40	0.2760	P	0.9
7	☐	1000.000	992.142	1356190.17	0.5492	A	0.2
8	☐			390.59	0.0002	P	10.0

$$y = 5.5358\text{E-}004 * x + 1.7507\text{E-}005$$

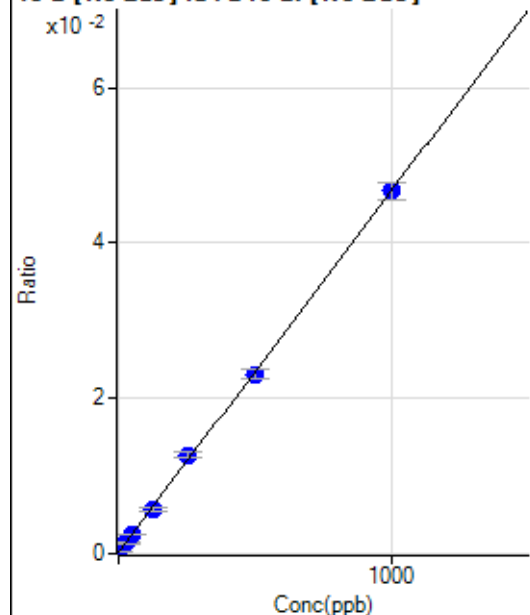
$$R = 0.9994$$

$$DL = 0.01793$$

$$BEC = 0.03162$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	437.26	0.0002	P	6.2
2	☐	25.000	25.384	3057.06	0.0014	P	6.0
3	☐	50.000	49.277	5763.34	0.0025	P	6.8
4	☐	125.000	118.598	13841.12	0.0057	P	6.3
5	☐	250.000	269.344	28010.38	0.0127	P	6.0
6	☐	500.000	492.543	57167.19	0.0231	P	5.3
7	☐	1000.000	999.719	115360.86	0.0467	P	4.7
8	☐			12615.62	0.0050	P	13.7

$$y = 4.6541\text{E-}005 * x + 1.9121\text{E-}004$$

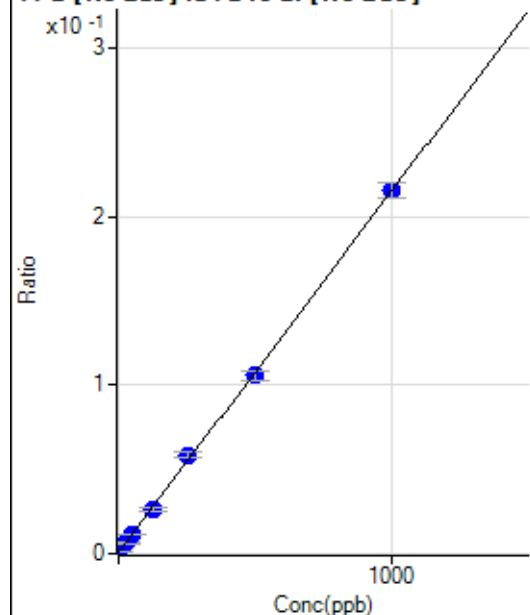
$$R = 0.9997$$

$$DL = 0.7655$$

$$BEC = 4.108$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1939.75	0.0008	P	6.5
2	☐	25.000	25.578	14090.63	0.0063	P	6.1
3	☐	50.000	48.249	25938.34	0.0112	P	5.1
4	☐	125.000	117.906	63264.94	0.0261	P	7.0
5	☐	250.000	269.788	129030.70	0.0586	P	5.7
6	☐	500.000	489.260	261279.71	0.1056	P	4.9
7	☐	1000.000	1001.383	531713.09	0.2153	P	4.1
8	☐			57798.60	0.0228	P	13.3

$$y = 2.1419\text{E-}004 * x + 8.4887\text{E-}004$$

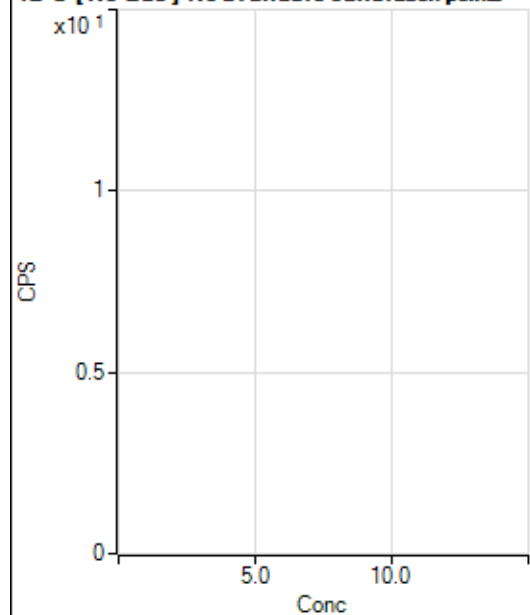
$$R = 0.9996$$

$$DL = 0.776$$

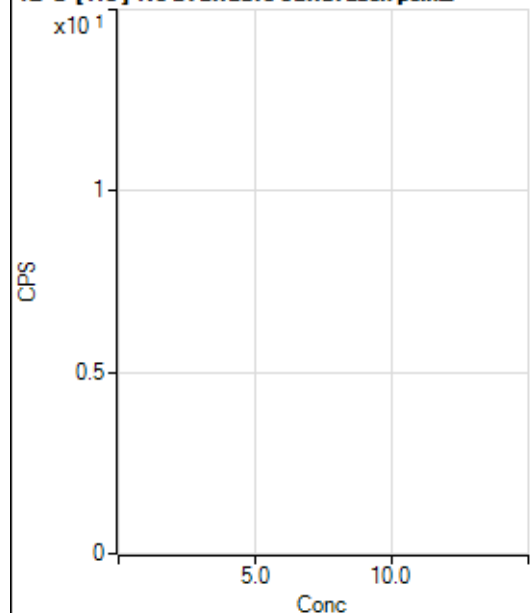
$$BEC = 3.963$$

Weight: <None>

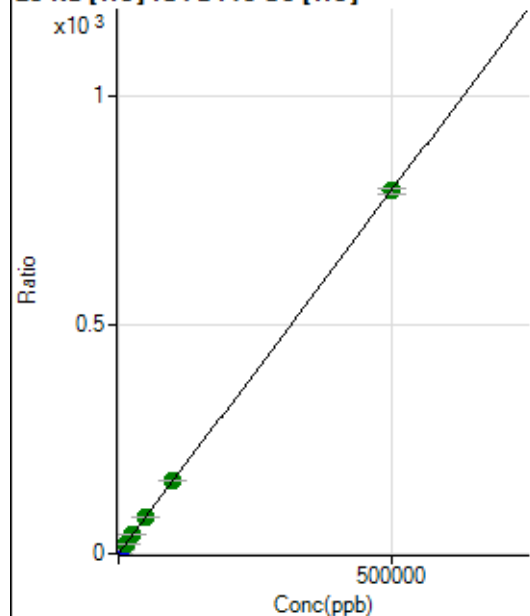
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			3759460.29		A	1.1
2	☐			4115494.93		A	0.6
3	☐			4212794.45		A	2.0
4	☐			4362391.90		A	1.3
5	☐			4523808.61		A	1.9
6	☐			4687426.84		A	3.1
7	☐			5279789.44		A	2.4
8	☐			4946712.39		A	1.4

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			38052.61		P	0.3
2	☐			42158.10		P	2.3
3	☐			43420.33		P	1.0
4	☐			45103.06		P	2.0
5	☐			48001.02		P	1.4
6	☐			49199.66		P	2.9
7	☐			57136.80		P	3.1
8	☐			57775.25		P	1.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	11718.87	0.1104	P	1.2
2	☐	500.000	520.575	97341.14	0.9362	P	1.7
3	☐	5000.000	5018.454	908553.13	8.0713	P	1.3
4	☐	12500.000	12689.531	2246122.38	20.2400	A	0.2
5	☐	25000.000	25694.421	4459181.91	40.8699	A	1.0
6	☐	50000.000	51298.702	9149177.20	81.4864	A	0.4
7	☐	100000.00	101505.56	17631674.18	161.1304	A	0.6
8	☐	500000.00	499529.35	87849611.68	792.5222	A	1.5

$$y = 0.0016 * x + 0.1104$$

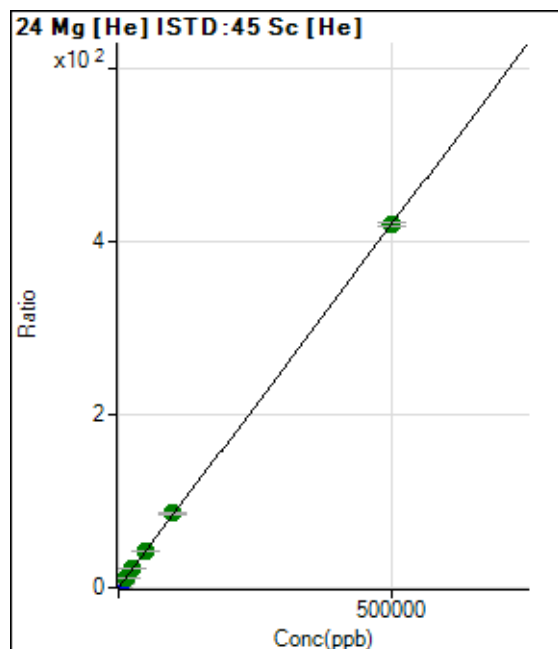
$$R = 1.0000$$

$$DL = 2.585$$

$$BEC = 69.62$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	263.90	0.0025	P	26.0
2	☐	500.000	516.699	45410.19	0.4367	P	1.2
3	☐	5000.000	5087.891	481600.49	4.2782	P	2.3
4	☐	12500.000	12807.218	1194682.06	10.7653	A	0.8
5	☐	25000.000	25764.156	2362582.50	21.6539	A	0.5
6	☐	50000.000	51174.309	4828960.27	43.0078	A	0.5
7	☐	100000.00	101993.89	9379996.47	85.7151	A	0.4
8	☐	500000.00	499437.00	46523254.17	419.7145	A	1.2

$$y = 8.4037E-004 * x + 0.0025$$

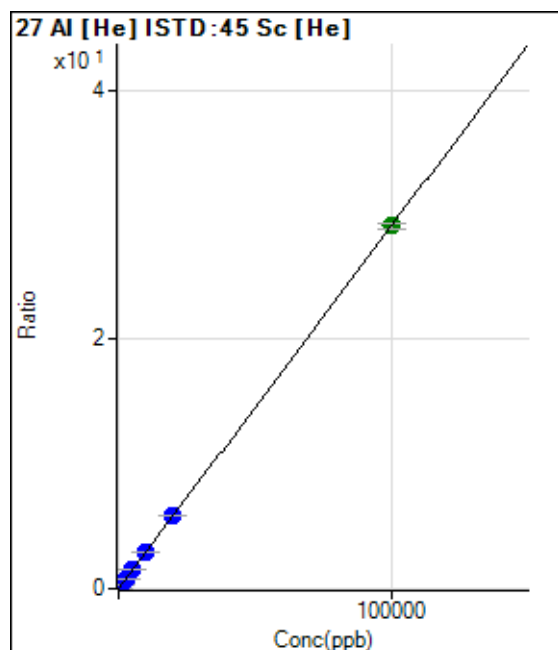
$$R = 1.0000$$

$$DL = 2.3$$

$$BEC = 2.947$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	157.06	0.0015	P	10.6
2	☐	20.000	21.267	798.26	0.0077	P	6.6
3	☐	1000.000	993.194	32722.43	0.2907	P	0.9
4	☐	2500.000	2505.387	81125.52	0.7311	P	1.3
5	☐	5000.000	5039.543	160279.78	1.4690	P	0.3
6	☐	10000.000	10087.703	329993.66	2.9391	P	0.9
7	☐	20000.000	20017.218	638027.89	5.8306	P	0.5
8	☐	100000.00	99985.742	3227390.23	29.1177	A	1.4

$$y = 2.9120E-004 * x + 0.0015$$

$$R = 1.0000$$

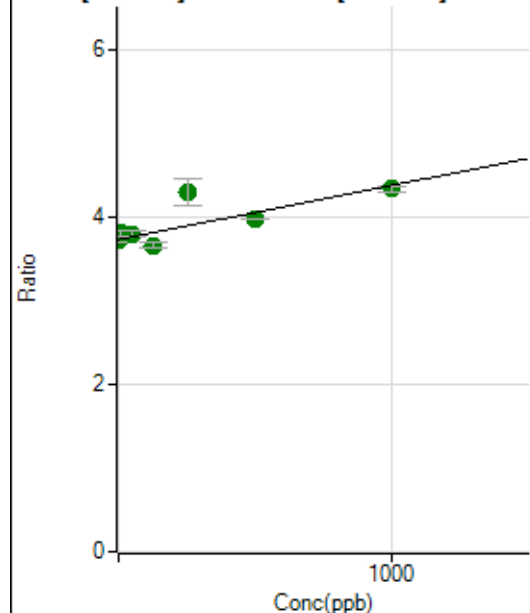
$$DL = 1.619$$

$$BEC = 5.088$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	13149670.43	3.7353	A	1.5
2	☐	10.000	120.269	13160920.96	3.8130	A	2.0
3	☐	50.000	105.612	13475081.03	3.8036	A	1.6
4	☐	125.000	-107.621	13469365.67	3.6658	A	1.9
5	☐	250.000	867.977	13930003.43	4.2962	A	7.4
6	☐	500.000	374.562	14659295.12	3.9774	A	0.5
7	☐	1000.000	933.419	15998198.45	4.3385	A	1.5
8	☐			13191881.29	3.3642	A	2.8

$$y = 6.4615E-004 * x + 3.7353$$

$$R = 0.7619$$

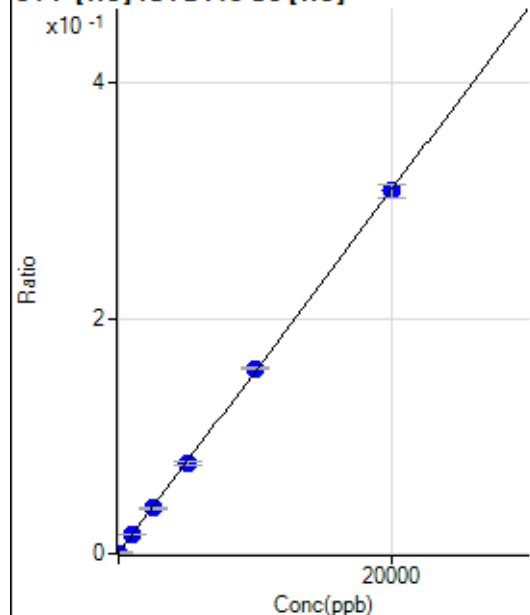
$$DL = 253.5$$

$$BEC = 5781$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	-8.877	52.78	0.0005	P	25.0
2	☐	0.000	8.877	80.56	0.0008	P	18.7
3	☐	1000.000	993.506	1797.38	0.0160	P	3.3
4	☐	2500.000	2472.910	4306.32	0.0388	P	3.9
5	☐	5000.000	4925.712	8363.72	0.0767	P	3.4
6	☐	10000.000	10168.804	17691.75	0.1576	P	1.7
7	☐	20000.000	19937.881	33736.93	0.3084	P	3.7
8	☐			100.00	0.0009	P	1.3

$$y = 1.5434E-005 * x + 6.3496E-004$$

$$R = 0.9999$$

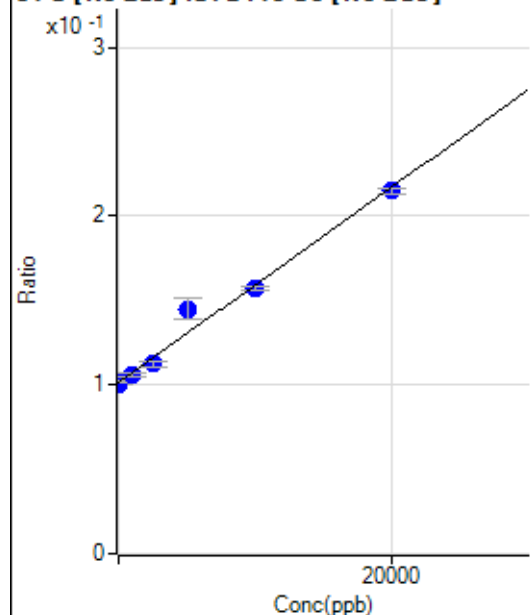
$$DL = 26.16$$

$$BEC = 41.14$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	-139.881	354404.65	0.1007	P	1.4
2	☐	0.000	139.881	353091.63	0.1023	P	1.2
3	☐	1000.000	703.297	373903.88	0.1056	P	2.4
4	☐	2500.000	1914.939	413467.54	0.1126	P	3.2
5	☐	5000.000	7557.246	470569.81	0.1452	P	8.2
6	☐	10000.000	9678.786	580329.19	0.1575	P	1.3
7	☐	20000.000	19609.263	792455.12	0.2149	P	1.8
8	☐			318807.12	0.0813	P	2.8

$$y = 5.7842\text{E-}006 * x + 0.1015$$

$$R = 0.9888$$

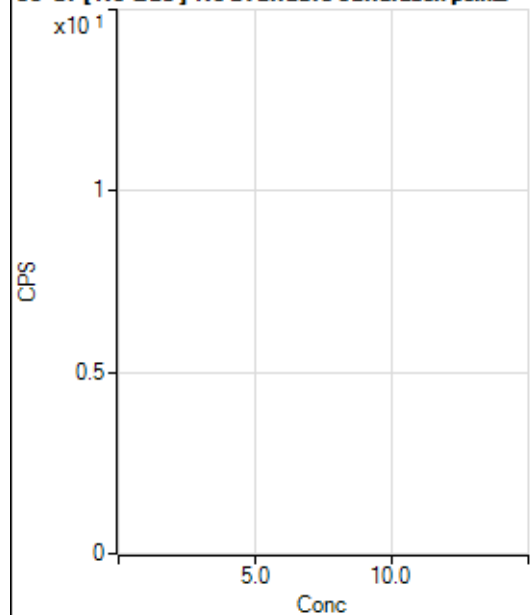
$$DL = 683.4$$

$$BEC = 1.754\text{E}+04$$

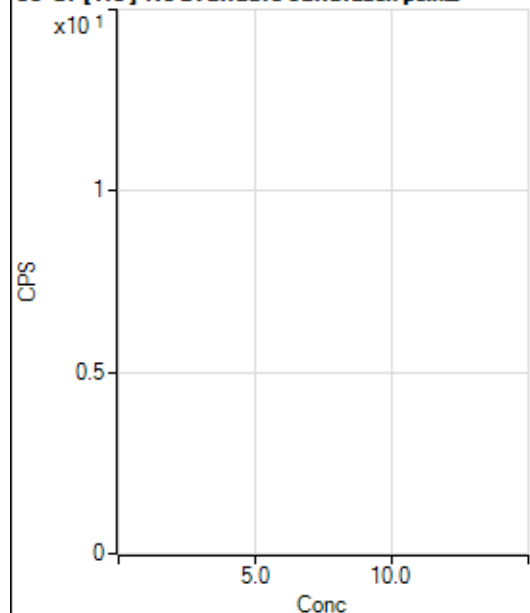
Weight: <None>

Min Conc: 0

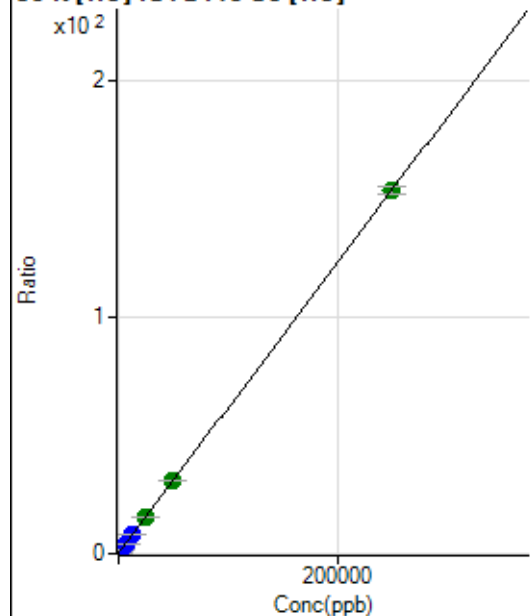
35 Cl [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			319170.79		P	1.1
2	☐			327640.77		P	1.6
3	☐			311153.56		P	1.0
4	☐			300039.11		P	0.5
5	☐			289468.85		P	1.4
6	☐			280726.57		P	0.9
7	☐			269499.86		P	0.9
8	☐			268054.49		P	0.4

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			2372.48		P	4.7
2	☐			2347.48		P	7.9
3	☐			2291.91		P	2.6
4	☐			2164.11		P	2.4
5	☐			2177.99		P	1.6
6	☐			2011.30		P	5.8
7	☐			1925.18		P	13.5
8	☐			1944.63		P	3.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	16963.06	0.1598	P	1.8
2	☐	500.000	530.116	50452.65	0.4852	P	1.8
3	☐	2500.000	2535.683	193202.76	1.7164	P	1.4
4	☐	6250.000	6372.646	451852.54	4.0717	P	0.3
5	☐	12500.000	12700.125	868028.09	7.9558	P	0.3
6	☐	25000.000	25375.105	1766935.48	15.7363	A	1.4
7	☐	50000.000	50370.899	3401138.10	31.0799	A	0.6
8	☐	250000.00	249874.82	17017600.90	153.5448	A	2.3

$$y = 6.1385E-004 * x + 0.1598$$

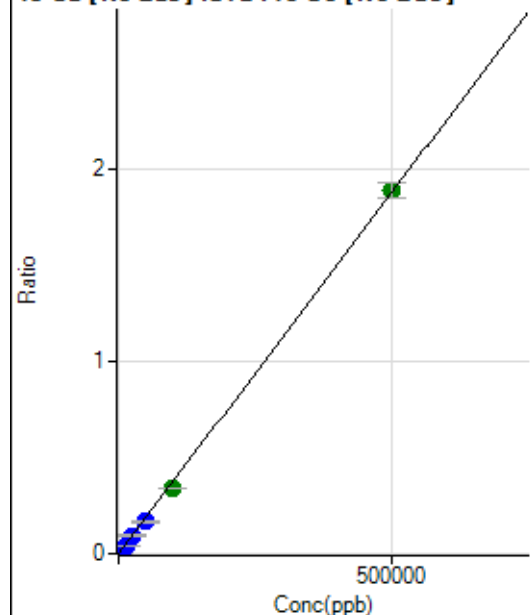
$$R = 1.0000$$

$$DL = 13.91$$

$$BEC = 260.4$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	170.73	0.0000	P	7.7
2	☐	500.000	514.156	6837.34	0.0020	P	1.1
3	☐	5000.000	4449.231	59402.62	0.0168	P	1.6
4	☐	12500.000	11036.128	152520.27	0.0415	P	3.0
5	☐	25000.000	25277.452	307821.27	0.0950	P	9.2
6	☐	50000.000	44139.887	611497.00	0.1659	P	0.9
7	☐	100000.00	90298.664	1251449.89	0.3394	A	1.4
8	☐	500000.00	502554.49	7402902.56	1.8885	A	4.1

$$y = 3.7577\text{E-}006 * x + 4.8469\text{E-}005$$

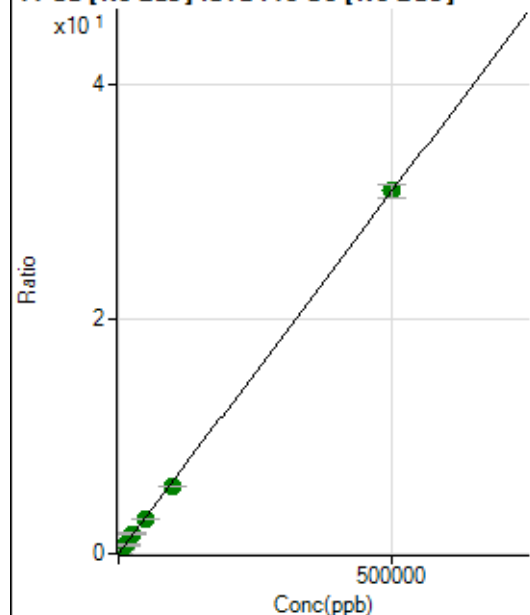
$$R = 0.9998$$

$$DL = 2.996$$

$$BEC = 12.9$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	23690.05	0.0067	P	1.8
2	☐	500.000	528.013	135712.95	0.0393	P	1.2
3	☐	5000.000	4860.762	1086617.69	0.3067	A	1.6
4	☐	12500.000	11953.170	2734015.41	0.7444	A	3.9
5	☐	25000.000	26735.887	5368963.82	1.6567	A	8.3
6	☐	50000.000	47456.460	10817713.62	2.9354	A	2.2
7	☐	100000.00	93244.091	21245996.93	5.7611	A	1.1
8	☐	500000.00	501533.77	121358410.1	30.9579	A	4.0

$$y = 6.1713\text{E-}005 * x + 0.0067$$

$$R = 0.9999$$

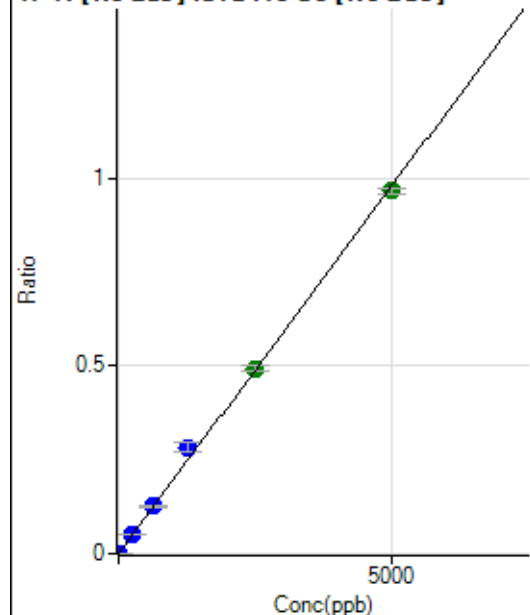
$$DL = 5.943$$

$$BEC = 109$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	150.00	0.0000	P	24.8
2	☐	5.000	5.212	3672.80	0.0011	P	8.2
3	☐	250.000	257.269	178693.68	0.0504	P	0.7
4	☐	625.000	642.695	462622.02	0.1259	P	2.6
5	☐	1250.000	1440.729	914351.63	0.2822	P	9.0
6	☐	2500.000	2524.197	1822157.44	0.4945	A	2.5
7	☐	5000.000	4937.644	3566533.89	0.9672	A	1.4
8	☐			1172.31	0.0003	P	22.1

$$y = 1.9587\text{E-}004 * x + 4.2640\text{E-}005$$

$$R = 0.9991$$

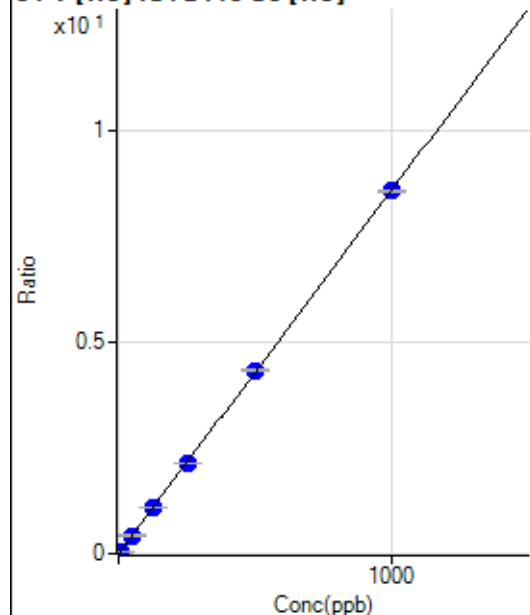
$$DL = 0.1617$$

$$BEC = 0.2177$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	6.67	0.0001	P	47.9
2	☐	5.000	5.218	4655.24	0.0448	P	4.5
3	☐	50.000	49.721	47985.81	0.4262	P	3.4
4	☐	125.000	125.625	119506.82	1.0769	P	0.5
5	☐	250.000	249.912	233727.45	2.1422	P	0.4
6	☐	500.000	503.035	484135.15	4.3118	P	1.2
7	☐	1000.000	998.439	936497.12	8.5582	P	0.5
8	☐			276.67	0.0025	P	15.1

$$y = 0.0086 * x + 6.2403\text{E-}005$$

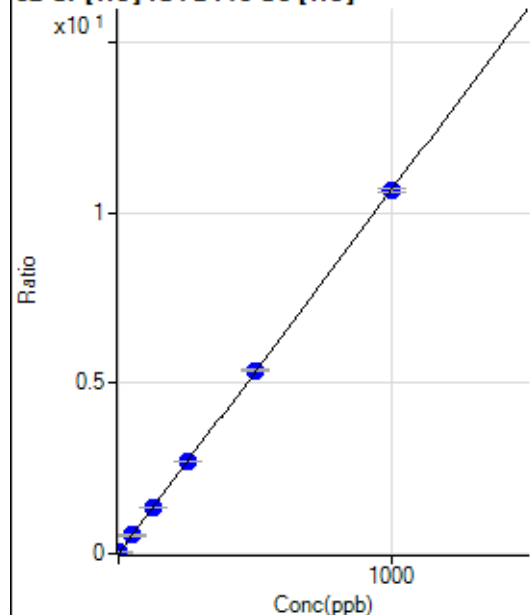
$$R = 1.0000$$

$$DL = 0.01047$$

$$BEC = 0.00728$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	614.46	0.0058	P	9.2
2	☐	2.000	2.255	3104.81	0.0299	P	2.2
3	☐	50.000	50.002	60710.45	0.5393	P	1.4
4	☐	125.000	125.540	149297.56	1.3454	P	0.9
5	☐	250.000	252.096	294124.43	2.6958	P	0.8
6	☐	500.000	503.656	604052.09	5.3800	P	0.8
7	☐	1000.000	997.580	1165385.29	10.6504	P	1.1
8	☐			3165.94	0.0286	P	1.3

$$y = 0.0107 * x + 0.0058$$

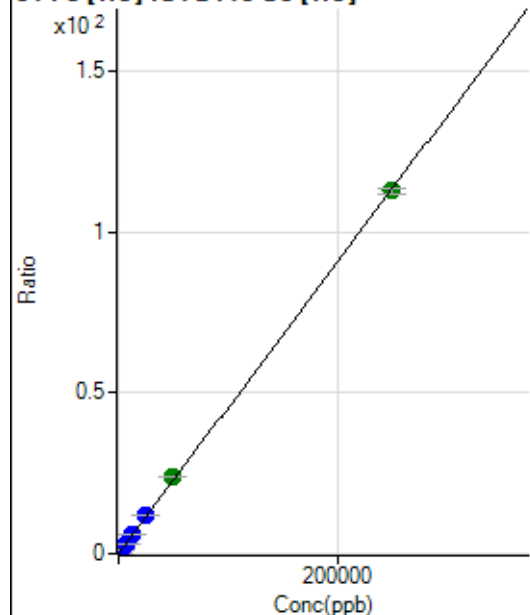
$$R = 1.0000$$

$$DL = 0.1497$$

$$BEC = 0.543$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	329.64	0.0031	P	9.6
2	☐	50.000	54.911	2905.91	0.0279	P	4.4
3	☐	2500.000	2605.317	133004.47	1.1816	P	1.3
4	☐	6250.000	6583.171	330800.38	2.9809	P	0.2
5	☐	12500.000	13080.938	645921.12	5.9201	P	0.4
6	☐	25000.000	26233.989	1332708.69	11.8696	P	0.5
7	☐	50000.000	53245.728	2635958.39	24.0880	A	0.7
8	☐	250000.00	249189.02	12494297.62	112.7199	A	1.7

$$y = 4.5233E-004 * x + 0.0031$$

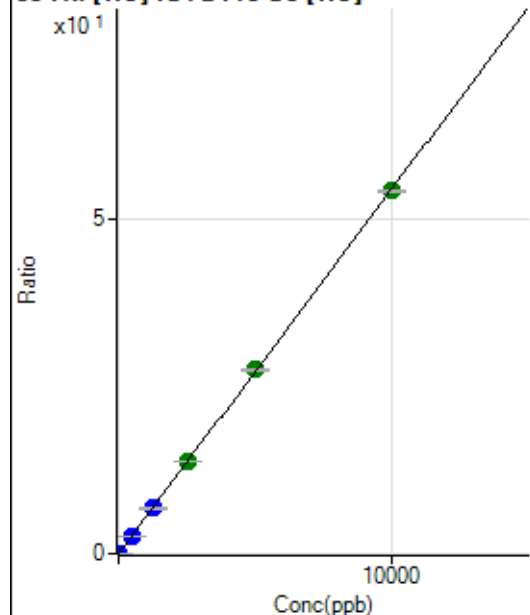
$$R = 0.9999$$

$$DL = 1.985$$

$$BEC = 6.877$$

Weight: <None>

Min Conc: 0

55 Mn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	40.00	0.0004	P	35.9
2	☐	1.000	1.018	615.57	0.0059	P	0.8
3	☐	500.000	490.368	300570.13	2.6702	P	1.5
4	☐	1250.000	1243.118	751138.88	6.7685	P	0.5
5	☐	2500.000	2550.761	1515268.39	13.8879	A	0.1
6	☐	5000.000	5058.503	3092269.99	27.5413	A	0.9
7	☐	10000.000	9959.400	5933571.44	54.2241	A	0.5
8	☐			3471.57	0.0313	P	2.1

$$y = 0.0054 * x + 3.7617E-004$$

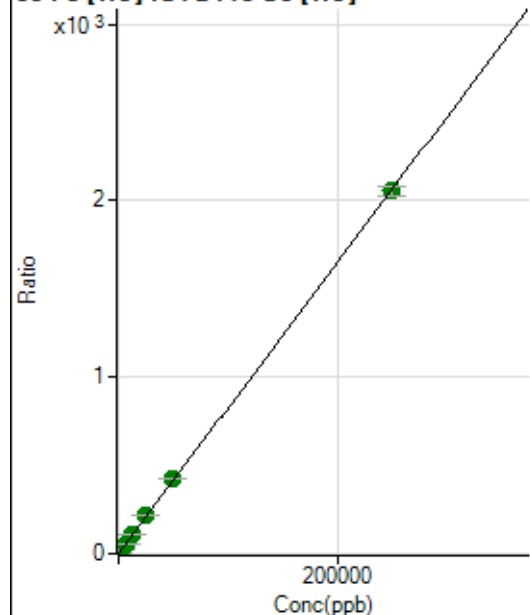
$$R = 1.0000$$

$$DL = 0.07433$$

$$BEC = 0.06909$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1866.82	0.0176	P	4.3
2	☐	50.000	55.700	49517.41	0.4763	P	1.7
3	☐	2500.000	2621.806	2432159.95	21.6074	A	1.0
4	☐	6250.000	6588.571	6022807.89	54.2726	A	0.2
5	☐	12500.000	13066.290	11741438.69	107.6147	A	0.6
6	☐	25000.000	26082.699	24116712.11	214.8010	A	1.3
7	☐	50000.000	51560.691	46465719.56	424.6049	A	0.6
8	☐	250000.00	249541.59	227745692.1	2,054.920	A	2.4

$$y = 0.0082 * x + 0.0176$$

$$R = 1.0000$$

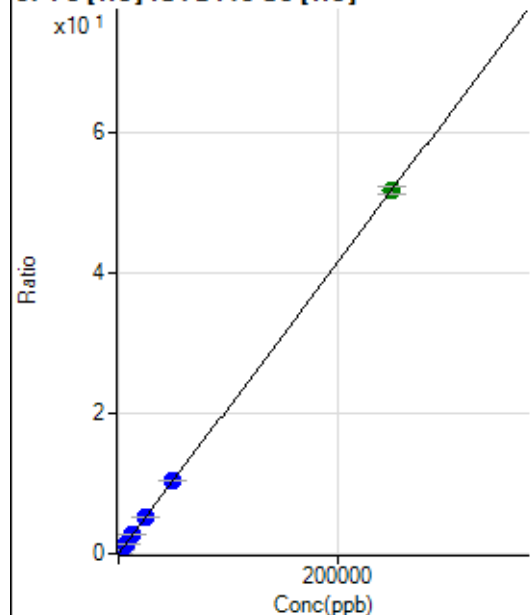
$$DL = 0.2726$$

$$BEC = 2.136$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	68.52	0.0006	P	10.0
2	☐	50.000	54.190	1229.70	0.0118	P	10.0
3	☐	2500.000	2545.121	59254.38	0.5264	P	1.7
4	☐	6250.000	6415.805	147151.32	1.3260	P	0.5
5	☐	12500.000	12732.917	287046.08	2.6309	P	1.3
6	☐	25000.000	25649.986	594984.53	5.2992	P	0.4
7	☐	50000.000	50472.226	1140933.73	10.4268	P	1.0
8	☐	250000.00	249824.31	5719895.09	51.6072	A	2.1

$$y = 2.0657E-004 * x + 6.4471E-004$$

$$R = 1.0000$$

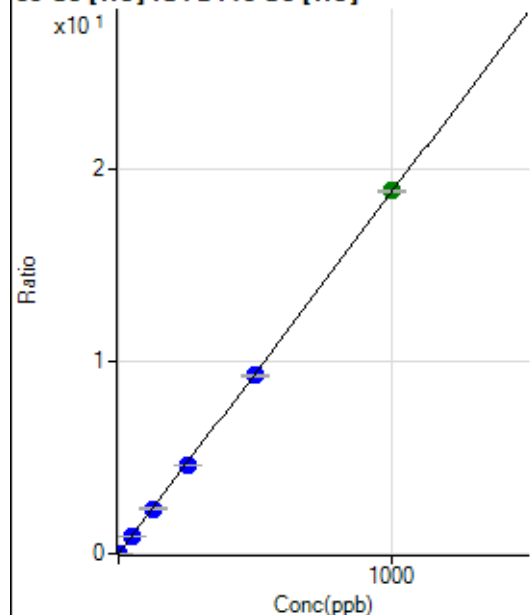
$$DL = 0.9374$$

$$BEC = 3.121$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	143.34	0.0014	P	15.9
2	☐	1.000	1.050	2190.20	0.0211	P	3.1
3	☐	50.000	49.122	103988.52	0.9238	P	1.6
4	☐	125.000	124.864	260362.99	2.3461	P	1.1
5	☐	250.000	247.242	506713.93	4.6442	P	0.2
6	☐	500.000	492.716	1038994.18	9.2539	P	0.7
7	☐	1000.000	1004.393	2064081.81	18.8624	A	0.5
8	☐			3075.92	0.0277	P	0.9

$$y = 0.0188 * x + 0.0014$$

$$R = 1.0000$$

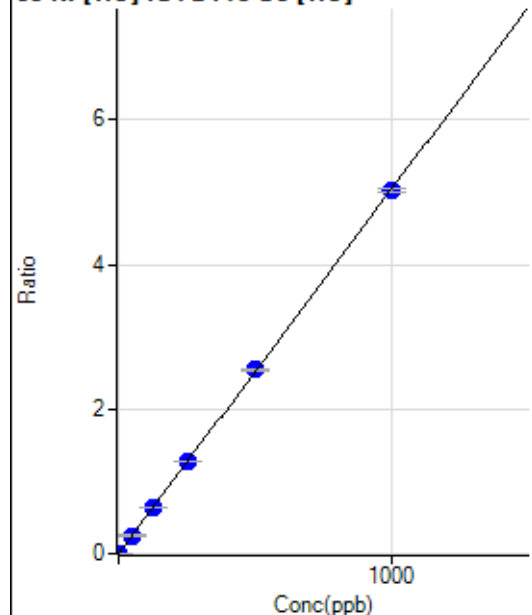
$$DL = 0.03433$$

$$BEC = 0.07198$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	16.67	0.0002	P	21.9
2	☐	1.000	1.175	632.24	0.0061	P	5.9
3	☐	50.000	50.015	28375.03	0.2521	P	1.0
4	☐	125.000	128.570	71885.97	0.6477	P	1.0
5	☐	250.000	254.401	139824.75	1.2815	P	0.7
6	☐	500.000	505.529	285903.78	2.5464	P	0.8
7	☐	1000.000	995.688	548809.14	5.0153	P	0.9
8	☐			864.48	0.0078	P	11.4

$$y = 0.0050 * x + 1.5755E-004$$

$$R = 1.0000$$

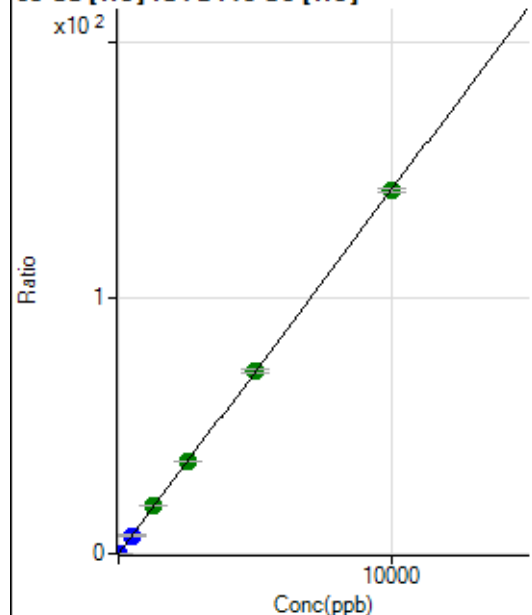
$$DL = 0.02055$$

$$BEC = 0.03128$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	234.45	0.0022	P	19.3
2	☐	2.000	2.026	3225.96	0.0310	P	3.1
3	☐	500.000	500.648	801860.13	7.1234	P	1.6
4	☐	1250.000	1307.502	2064074.17	18.5999	A	0.6
5	☐	2500.000	2540.257	3942505.64	36.1345	A	0.4
6	☐	5000.000	5026.522	8027861.62	71.4987	A	1.6
7	☐	10000.000	9969.455	15516704.21	141.8063	A	1.0
8	☐			4563.00	0.0412	P	7.2

$$y = 0.0142 * x + 0.0022$$

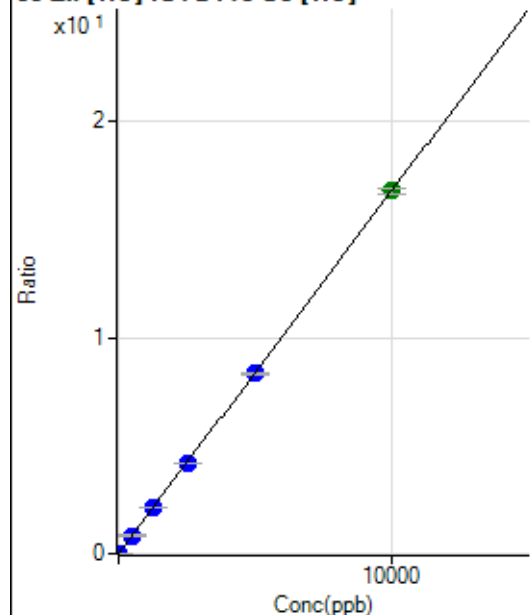
$$R = 1.0000$$

$$DL = 0.09031$$

$$BEC = 0.1557$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	177.78	0.0017	P	5.6
2	☐	2.000	2.261	567.80	0.0055	P	7.3
3	☐	500.000	500.474	94632.14	0.8407	P	1.4
4	☐	1250.000	1267.376	235970.78	2.1264	P	0.0
5	☐	2500.000	2508.859	459080.76	4.2076	P	0.3
6	☐	5000.000	4980.606	937659.98	8.3514	P	1.0
7	☐	10000.000	10005.286	1835439.99	16.7749	A	1.7
8	☐			2991.45	0.0270	P	2.3

$$y = 0.0017 * x + 0.0017$$

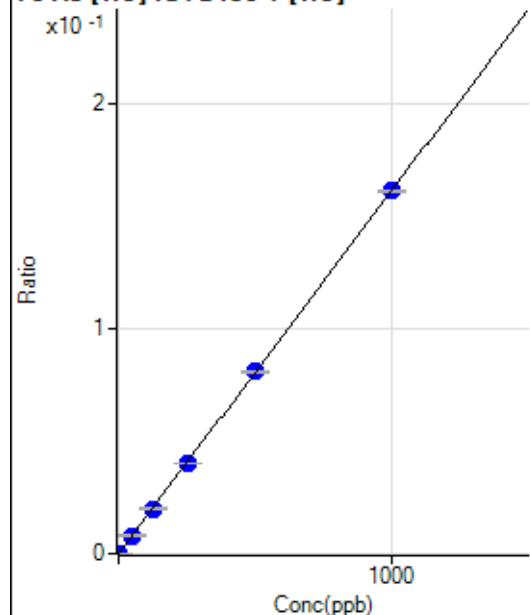
$$R = 1.0000$$

$$DL = 0.1666$$

$$BEC = 0.9998$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	8.33	0.0000	P	24.7
2	☐	1.000	0.983	112.68	0.0002	P	14.6
3	☐	50.000	49.842	5730.75	0.0080	P	2.5
4	☐	125.000	124.436	14158.18	0.0201	P	0.6
5	☐	250.000	248.319	27510.10	0.0400	P	1.4
6	☐	500.000	500.952	57225.52	0.0807	P	1.6
7	☐	1000.000	1000.023	110913.51	0.1611	P	0.3
8	☐			54.01	0.0001	P	16.3

$$y = 1.6110E-004 * x + 1.2333E-005$$

$$R = 1.0000$$

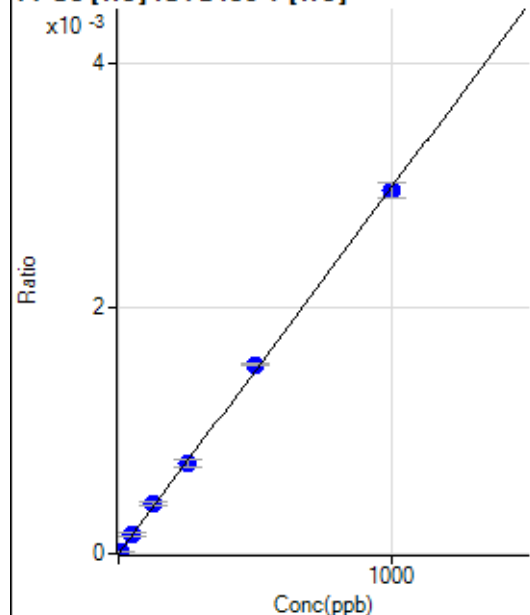
$$DL = 0.05668$$

$$BEC = 0.07656$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	5.071	10.00	0.0000	P	3.4
3	☐	50.000	51.271	108.89	0.0002	P	18.8
4	☐	125.000	136.486	287.79	0.0004	P	6.4
5	☐	250.000	245.591	504.46	0.0007	P	8.2
6	☐	500.000	516.966	1094.50	0.0015	P	0.7
7	☐	1000.000	991.119	2037.95	0.0030	P	4.1
8	☐			2.22	0.0000	P	173.2

$$y = 2.9859\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9997$$

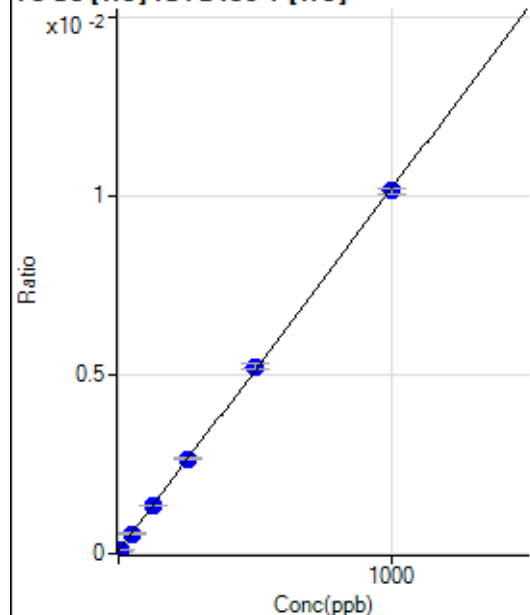
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	45.67	0.0001	P	10.2
2	☐	5.000	6.255	86.68	0.0001	P	3.1
3	☐	50.000	48.821	401.71	0.0006	P	11.4
4	☐	125.000	125.905	950.13	0.0013	P	3.8
5	☐	250.000	255.083	1827.31	0.0027	P	3.3
6	☐	500.000	510.114	3721.21	0.0052	P	2.5
7	☐	1000.000	993.612	6992.44	0.0102	P	1.7
8	☐			51.34	0.0001	P	5.6

$$y = 1.0156\text{E-}005 * x + 6.7671\text{E-}005$$

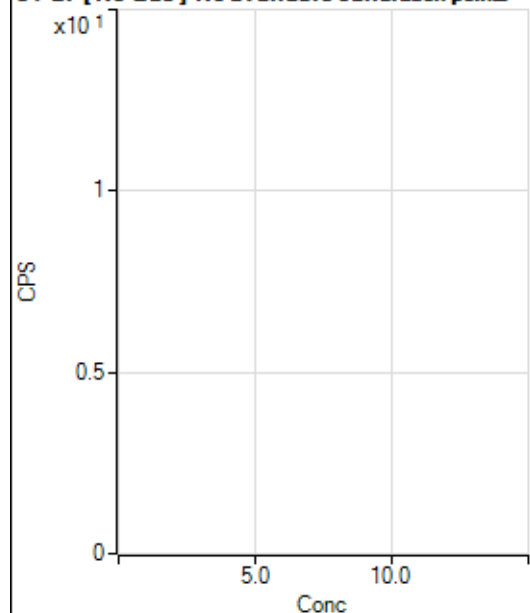
$$R = 0.9999$$

$$DL = 2.042$$

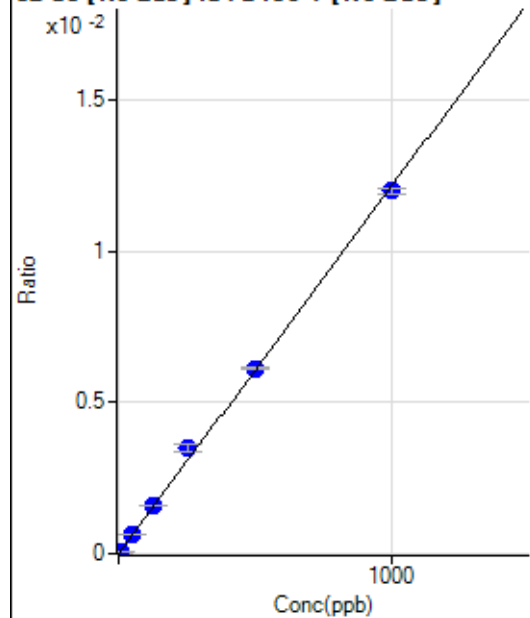
$$BEC = 6.663$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			11149.25		P	2.7
2	☐			10988.99		P	4.4
3	☐			11155.91		P	4.5
4	☐			10918.85		P	1.2
5	☐			10544.87		P	2.0
6	☐			10367.84		P	6.0
7	☐			10184.21		P	3.5
8	☐			10852.07		P	7.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	-0.83	0.0000	P	-13591.
2	☐	5.000	4.750	383.68	0.0001	P	6.6
3	☐	50.000	52.166	4270.67	0.0006	P	2.7
4	☐	125.000	130.559	11044.01	0.0016	P	2.3
5	☐	250.000	287.140	21623.52	0.0035	P	8.1
6	☐	500.000	504.901	42556.43	0.0061	P	1.0
7	☐	1000.000	987.463	82760.22	0.0120	P	1.8
8	☐			152.99	0.0000	P	10.0

$$y = 1.2151E-005 * x - 9.4965E-008$$

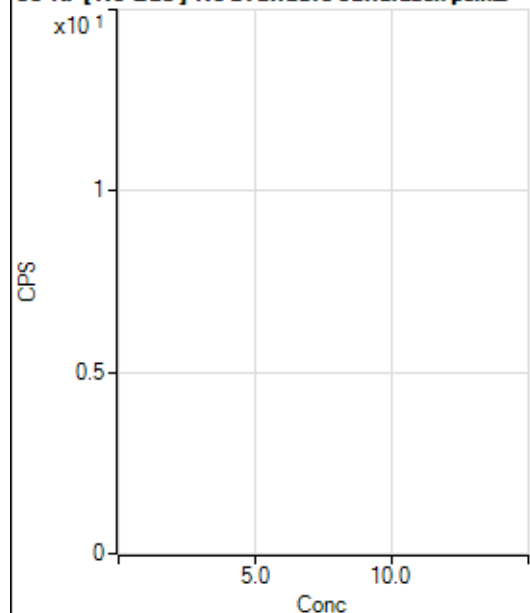
$$R = 0.9992$$

$$DL = 3.186$$

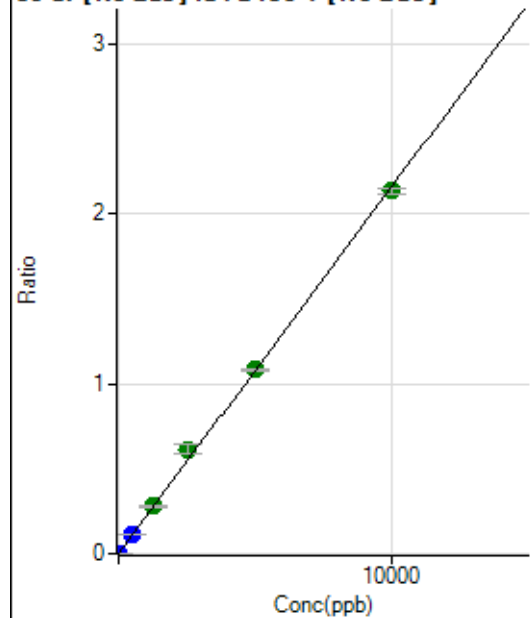
$$BEC = -0.007815$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			1005.60		P	7.7
2	☐			1028.94		P	1.6
3	☐			1065.61		P	2.5
4	☐			985.60		P	6.4
5	☐			1086.72		P	8.2
6	☐			1011.16		P	7.4
7	☐			1016.71		P	5.6
8	☐			1023.38		P	1.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1766.83	0.0003	P	5.1
2	☐	1.000	1.071	3264.35	0.0005	P	4.1
3	☐	500.000	512.452	745545.48	0.1107	P	0.4
4	☐	1250.000	1293.894	1942503.47	0.2790	A	2.0
5	☐	2500.000	2856.244	3814787.80	0.6156	A	8.2
6	☐	5000.000	5020.549	7503873.69	1.0818	A	1.0
7	☐	10000.000	9894.555	14703927.76	2.1318	A	1.8
8	☐			8347.15	0.0011	P	6.7

$$y = 2.1543E-004 * x + 2.6039E-004$$

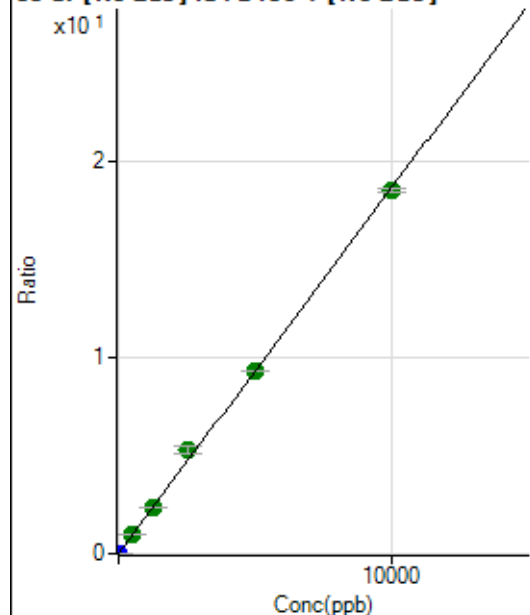
$$R = 0.9993$$

$$DL = 0.1852$$

$$BEC = 1.209$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	161.12	0.0000	P	26.3
2	☐	1.000	1.028	12881.30	0.0019	P	3.7
3	☐	500.000	509.787	6396504.35	0.9494	A	0.1
4	☐	1250.000	1264.486	16391960.61	2.3548	A	3.2
5	☐	2500.000	2824.643	32603039.62	5.2603	A	7.9
6	☐	5000.000	4991.339	64479908.39	9.2952	A	0.9
7	☐	10000.000	9920.870	127442361.1	18.4753	A	1.2
8	☐			59304.43	0.0080	P	7.8

$$y = 0.0019 * x + 2.3733E-005$$

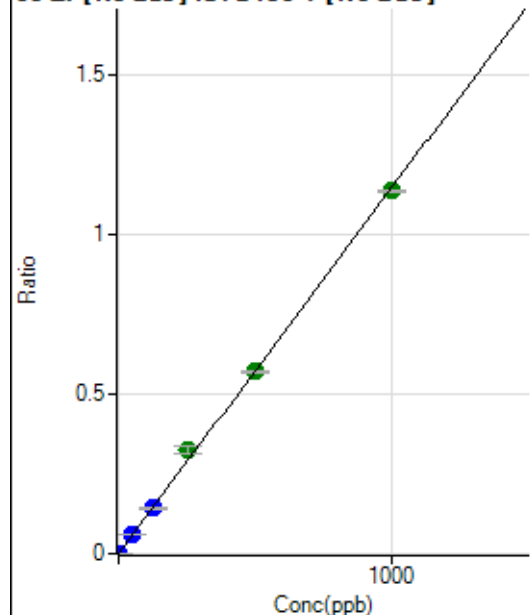
$$R = 0.9994$$

$$DL = 0.01004$$

$$BEC = 0.01274$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	333.34	0.0000	P	15.5
2	☐	1.000	1.021	8113.69	0.0012	P	3.9
3	☐	50.000	50.643	391589.82	0.0581	P	0.3
4	☐	125.000	124.430	993666.79	0.1427	P	2.3
5	☐	250.000	284.379	2021524.91	0.3261	A	7.8
6	☐	500.000	498.634	3966758.25	0.5718	A	1.1
7	☐	1000.000	992.127	7848400.52	1.1377	A	0.4
8	☐			3008.75	0.0004	P	8.1

$$y = 0.0011 * x + 4.9137E-005$$

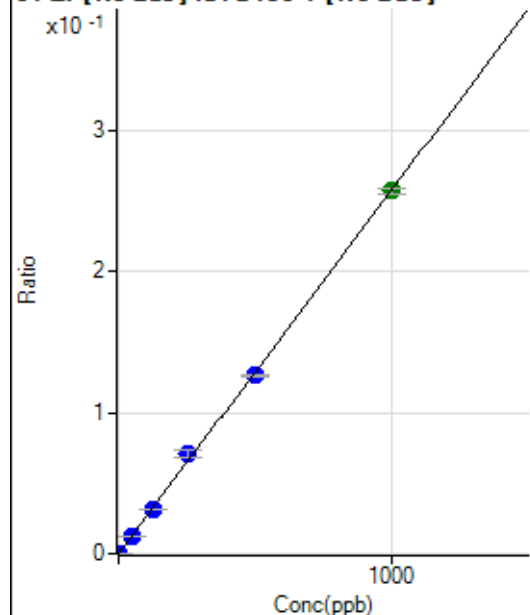
$$R = 0.9993$$

$$DL = 0.01987$$

$$BEC = 0.04285$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	50.00	0.0000	P	44.1
2	☐	1.000	1.131	1989.09	0.0003	P	4.5
3	☐	50.000	49.791	86498.71	0.0128	P	0.3
4	☐	125.000	122.221	219341.14	0.0315	P	1.6
5	☐	250.000	277.443	443188.65	0.0715	P	7.9
6	☐	500.000	489.991	875917.91	0.1263	P	1.2
7	☐	1000.000	998.501	1774780.16	0.2573	A	1.7
8	☐			641.70	0.0001	P	2.5

$$y = 2.5769\text{E-}004 * x + 7.3675\text{E-}006$$

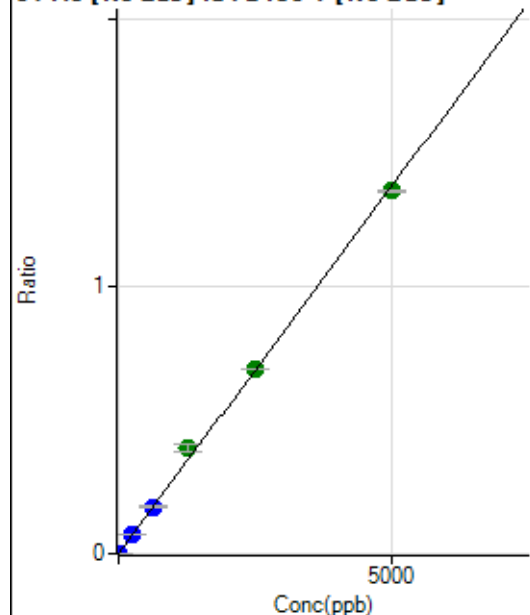
$$R = 0.9995$$

$$DL = 0.03783$$

$$BEC = 0.02859$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	133.34	0.0000	P	40.7
2	☐	5.000	5.148	9534.10	0.0014	P	4.4
3	☐	250.000	255.037	471591.87	0.0700	P	0.4
4	☐	625.000	637.552	1217989.54	0.1749	P	2.2
5	☐	1250.000	1439.809	2448923.97	0.3951	A	7.7
6	☐	2500.000	2520.425	4797061.96	0.6916	A	0.1
7	☐	5000.000	4940.514	9351032.07	1.3556	A	0.7
8	☐			4156.30	0.0006	P	11.8

$$y = 2.7438\text{E-}004 * x + 1.9637\text{E-}005$$

$$R = 0.9991$$

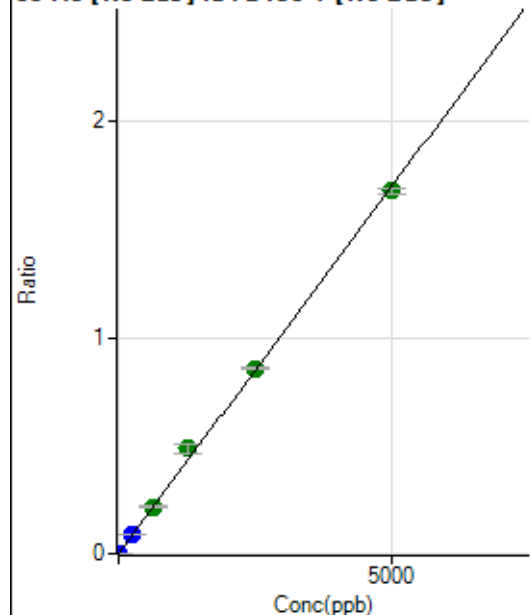
$$DL = 0.08742$$

$$BEC = 0.07157$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	33.33	0.0000	P	50.1
2	☐	5.000	5.084	11510.60	0.0017	P	2.2
3	☐	250.000	252.069	576443.60	0.0856	P	1.2
4	☐	625.000	635.070	1500543.33	0.2156	A	3.0
5	☐	1250.000	1431.498	3011227.65	0.4859	A	8.2
6	☐	2500.000	2519.121	5931113.55	0.8550	A	1.0
7	☐	5000.000	4943.703	11574180.46	1.6780	A	1.3
8	☐			4945.46	0.0007	P	7.3

$$y = 3.3942\text{E-}004 * x + 4.9152\text{E-}006$$

$$R = 0.9992$$

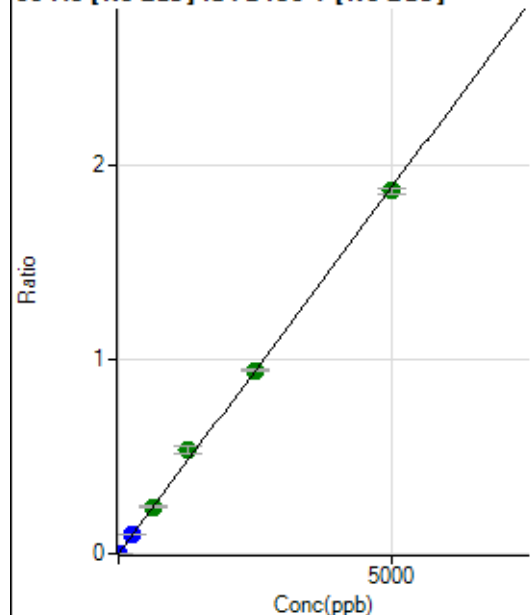
$$DL = 0.02175$$

$$BEC = 0.01448$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	105.56	0.0000	P	19.7
2	☐	5.000	5.053	12764.52	0.0019	P	0.9
3	☐	250.000	252.202	640078.58	0.0950	P	0.7
4	☐	625.000	637.197	1670910.69	0.2400	A	2.0
5	☐	1250.000	1414.120	3300260.64	0.5326	A	8.4
6	☐	2500.000	2505.553	6545894.16	0.9437	A	0.4
7	☐	5000.000	4954.559	12871275.90	1.8661	A	1.5
8	☐			9036.52	0.0012	P	8.2

$$y = 3.7663\text{E-}004 * x + 1.5553\text{E-}005$$

$$R = 0.9994$$

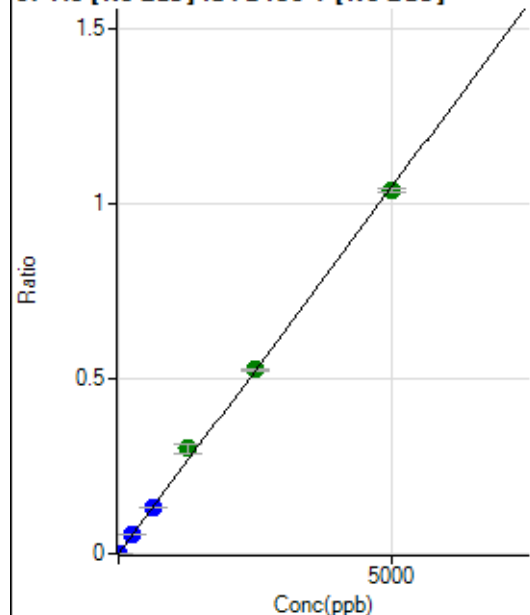
$$DL = 0.02439$$

$$BEC = 0.04129$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	11.11	0.0000	P	43.6
2	☐	5.000	5.216	7263.20	0.0011	P	2.8
3	☐	250.000	258.514	364232.09	0.0541	P	0.3
4	☐	625.000	629.209	916118.33	0.1316	P	1.5
5	☐	1250.000	1431.584	1855088.91	0.2994	A	8.3
6	☐	2500.000	2506.284	3635449.04	0.5241	A	1.1
7	☐	5000.000	4950.510	7140878.02	1.0352	A	1.1
8	☐			3192.14	0.0004	P	14.3

$$y = 2.0911\text{E-}004 * x + 1.6385\text{E-}006$$

$$R = 0.9992$$

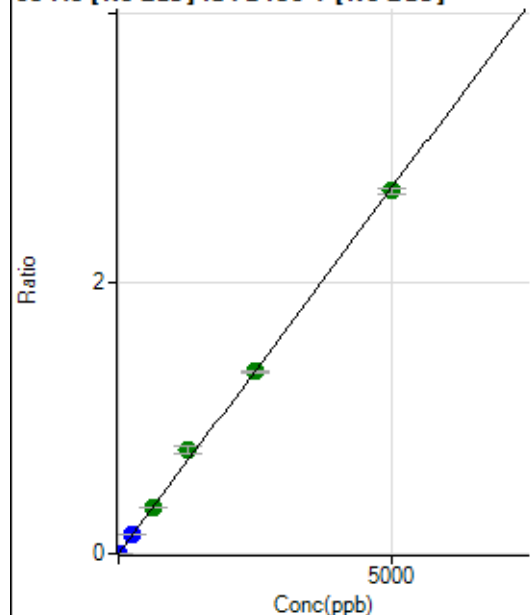
$$DL = 0.01026$$

$$BEC = 0.007835$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	50.00	0.0000	P	17.0
2	☐	5.000	5.119	18465.50	0.0028	P	0.7
3	☐	250.000	253.495	923678.72	0.1371	P	0.5
4	☐	625.000	629.263	2369142.44	0.3403	A	2.4
5	☐	1250.000	1422.460	4767345.59	0.7692	A	8.1
6	☐	2500.000	2486.811	9329241.09	1.3448	A	1.5
7	☐	5000.000	4962.772	18511554.41	2.6838	A	1.6
8	☐			7327.11	0.0010	P	10.1

$$y = 5.4078\text{E-}004 * x + 7.3709\text{E-}006$$

$$R = 0.9993$$

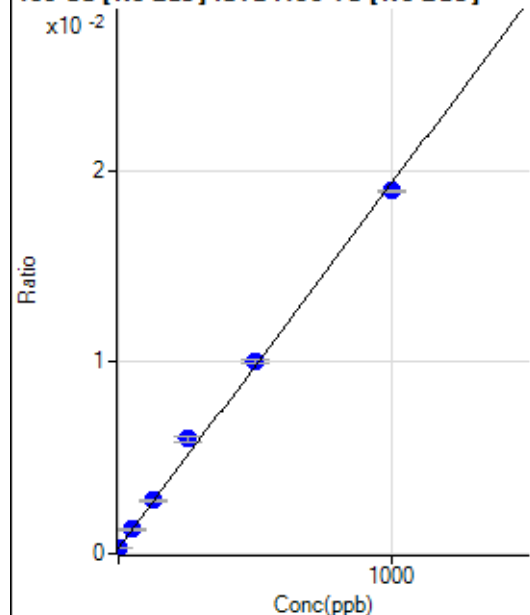
$$DL = 0.006941$$

$$BEC = 0.01363$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1505.68	0.0003	P	9.5
2	☐	1.000	-0.130	1475.12	0.0003	P	10.4
3	☐	50.000	51.414	6635.13	0.0013	P	3.9
4	☐	125.000	130.160	15086.49	0.0028	P	2.6
5	☐	250.000	299.323	29097.90	0.0060	P	5.8
6	☐	500.000	514.342	55166.56	0.0101	P	1.9
7	☐	1000.000	979.784	106666.58	0.0189	P	0.5
8	☐			1786.29	0.0003	P	11.5

$$y = 1.9031\text{E-}005 * x + 2.8741\text{E-}004$$

$$R = 0.9984$$

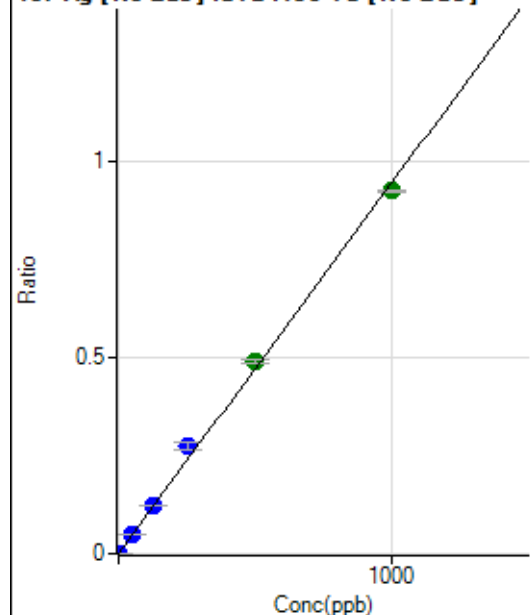
$$DL = 4.297$$

$$BEC = 15.1$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	33.33	0.0000	P	26.3
2	☐	1.000	1.006	4937.13	0.0010	P	4.7
3	☐	50.000	53.018	262390.12	0.0500	P	0.7
4	☐	125.000	130.504	672004.17	0.1232	P	2.6
5	☐	250.000	290.824	1333674.82	0.2745	P	7.4
6	☐	500.000	519.362	2683688.43	0.4902	A	2.0
7	☐	1000.000	979.274	5206639.79	0.9242	A	0.3
8	☐			2491.96	0.0004	P	5.7

$$y = 9.4376\text{E-}004 * x + 6.3823\text{E-}006$$

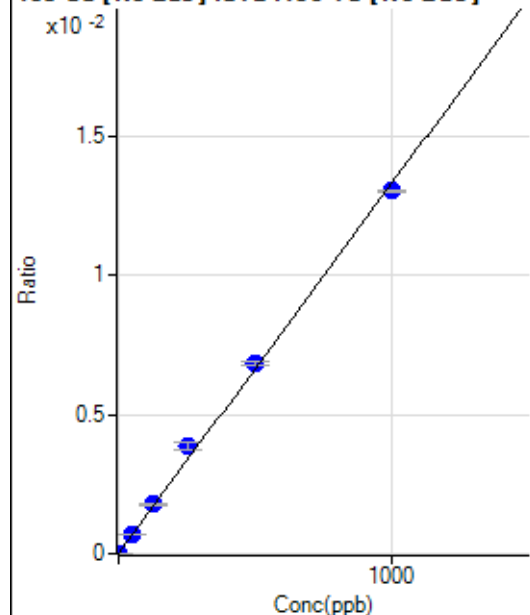
$$R = 0.9987$$

$$DL = 0.005341$$

$$BEC = 0.006763$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	34.72	0.0000	P	37.6
2	☐	1.000	0.869	94.45	0.0000	P	22.7
3	☐	50.000	52.515	3696.38	0.0007	P	2.0
4	☐	125.000	133.423	9714.63	0.0018	P	3.6
5	☐	250.000	290.403	18799.11	0.0039	P	7.1
6	☐	500.000	515.797	37592.84	0.0069	P	1.9
7	☐	1000.000	980.822	73519.65	0.0130	P	0.3
8	☐			140.28	0.0000	P	16.4

$$y = 1.3298\text{E-}005 * x + 6.6485\text{E-}006$$

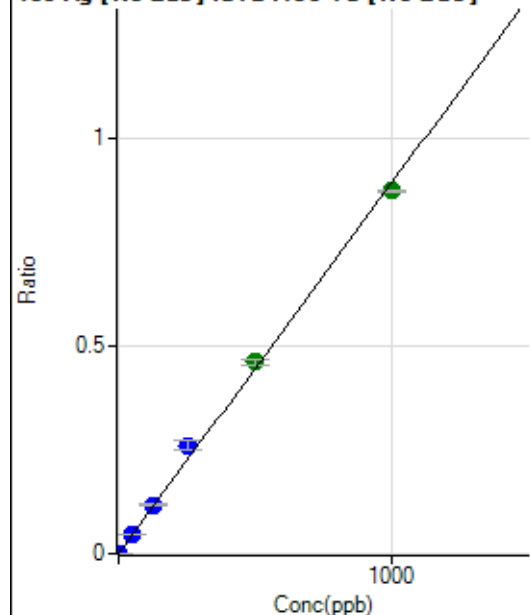
$$R = 0.9989$$

$$DL = 0.564$$

$$BEC = 0.4999$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	8.33	0.0000	P	100.9
2	☐	1.000	1.064	4923.24	0.0010	P	2.7
3	☐	50.000	53.641	251123.62	0.0479	P	0.9
4	☐	125.000	131.397	640087.88	0.1173	P	2.5
5	☐	250.000	293.071	1271183.46	0.2617	P	7.6
6	☐	500.000	517.965	2531754.24	0.4624	A	3.0
7	☐	1000.000	979.268	4925334.88	0.8743	A	0.8
8	☐			2469.74	0.0004	P	8.4

$$y = 8.9279\text{E-}004 * x + 1.6039\text{E-}006$$

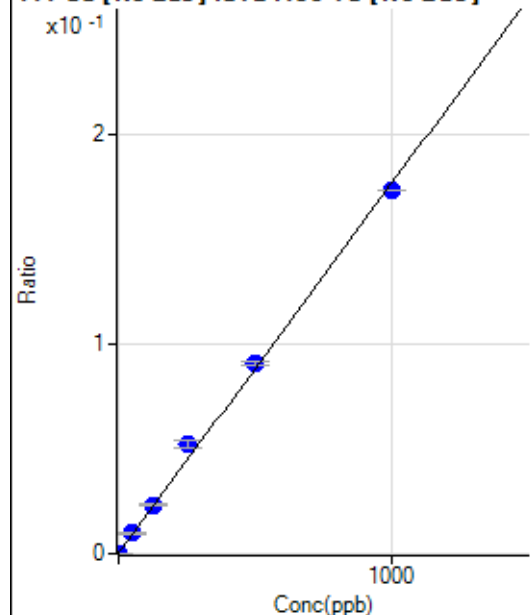
$$R = 0.9987$$

$$DL = 0.005437$$

$$BEC = 0.001796$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	741.04	0.0001	P	11.2
2	☐	1.000	1.039	1679.84	0.0003	P	1.9
3	☐	50.000	54.037	50834.97	0.0097	P	2.2
4	☐	125.000	131.262	127394.25	0.0234	P	3.0
5	☐	250.000	295.749	254835.12	0.0524	P	7.0
6	☐	500.000	514.571	498936.83	0.0911	P	2.6
7	☐	1000.000	980.293	977343.45	0.1735	P	0.1
8	☐			1111.63	0.0002	P	10.6

$$y = 1.7683\text{E-}004 * x + 1.4143\text{E-}004$$

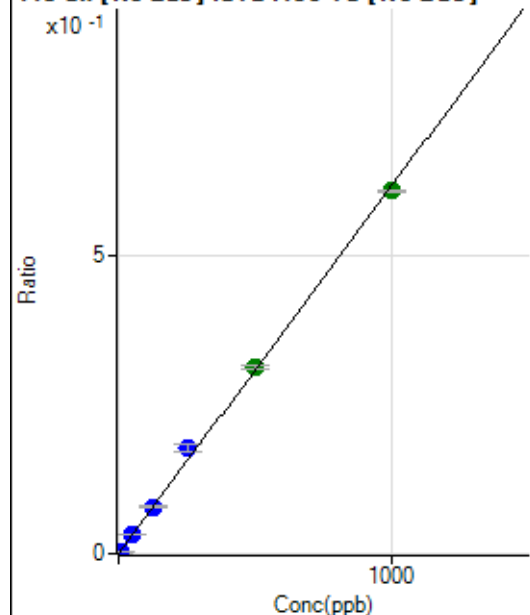
$$R = 0.9986$$

$$DL = 0.2676$$

$$BEC = 0.7998$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	519.47	0.0001	P	10.8
2	☐	5.000	5.046	16585.42	0.0032	P	2.7
3	☐	50.000	51.422	166751.55	0.0318	P	0.8
4	☐	125.000	126.215	425040.80	0.0779	P	3.2
5	☐	250.000	286.582	859171.24	0.1768	P	7.0
6	☐	500.000	507.329	1713248.33	0.3129	A	2.6
7	☐	1000.000	986.967	3428627.64	0.6086	A	0.8
8	☐			2086.33	0.0003	P	5.2

$$y = 6.1654\text{E-}004 * x + 9.9285\text{E-}005$$

$$R = 0.9992$$

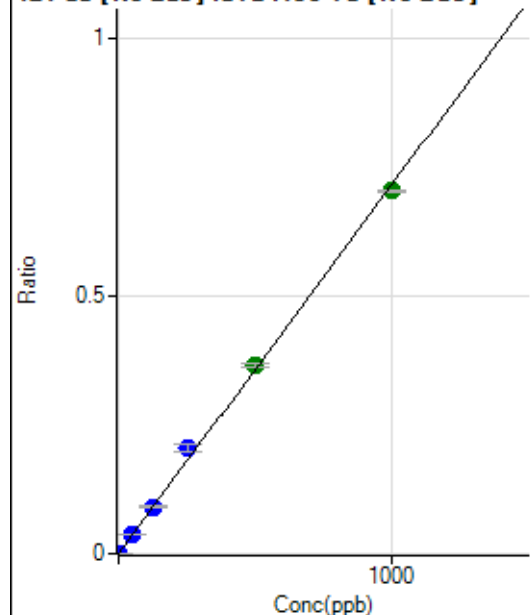
$$DL = 0.05202$$

$$BEC = 0.161$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	69.45	0.0000	P	25.8
2	☐	2.000	2.051	7649.56	0.0015	P	3.3
3	☐	50.000	51.783	194334.92	0.0371	P	2.4
4	☐	125.000	127.414	497550.72	0.0912	P	2.5
5	☐	250.000	287.113	998249.43	0.2055	P	7.6
6	☐	500.000	511.627	2004868.04	0.3661	A	1.3
7	☐	1000.000	984.517	3969042.58	0.7045	A	0.6
8	☐			3058.76	0.0005	P	3.5

$$y = 7.1560\text{E-}004 * x + 1.3287\text{E-}005$$

$$R = 0.9991$$

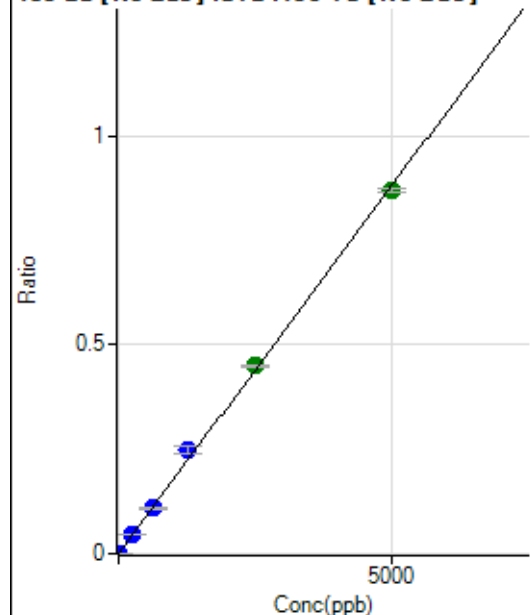
$$DL = 0.01438$$

$$BEC = 0.01857$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	27.78	0.0000	P	47.2
2	☐	10.000	10.434	9525.86	0.0018	P	1.0
3	☐	250.000	253.177	233806.52	0.0446	P	2.5
4	☐	625.000	623.413	599019.65	0.1098	P	3.3
5	☐	1250.000	1410.421	1207175.19	0.2484	P	7.2
6	☐	2500.000	2551.280	2460443.78	0.4494	A	1.9
7	☐	5000.000	4934.293	4896170.20	0.8691	A	1.1
8	☐			2541.99	0.0004	P	4.0

$$y = 1.7614\text{E-}004 * x + 5.3278\text{E-}006$$

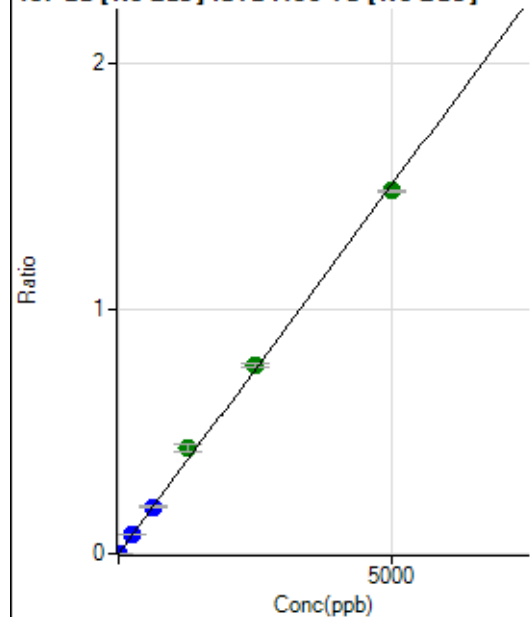
$$R = 0.9993$$

$$DL = 0.04284$$

$$BEC = 0.03025$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	38.89	0.0000	P	80.5
2	☐	10.000	10.330	16098.89	0.0031	P	1.0
3	☐	250.000	259.683	409610.15	0.0781	P	1.8
4	☐	625.000	636.056	1043649.34	0.1914	P	4.0
5	☐	1250.000	1434.856	2098084.03	0.4317	A	6.8
6	☐	2500.000	2557.717	4212395.84	0.7695	A	3.0
7	☐	5000.000	4923.061	8343755.66	1.4810	A	0.4
8	☐			4306.37	0.0007	P	4.0

$$y = 3.0083\text{E-}004 * x + 7.4161\text{E-}006$$

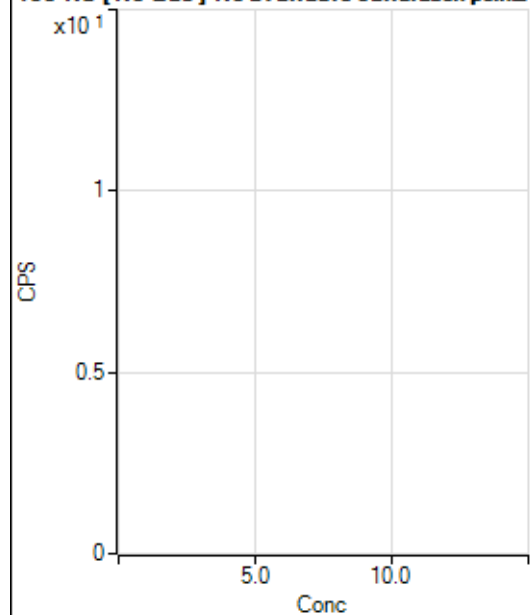
$$R = 0.9991$$

$$DL = 0.05956$$

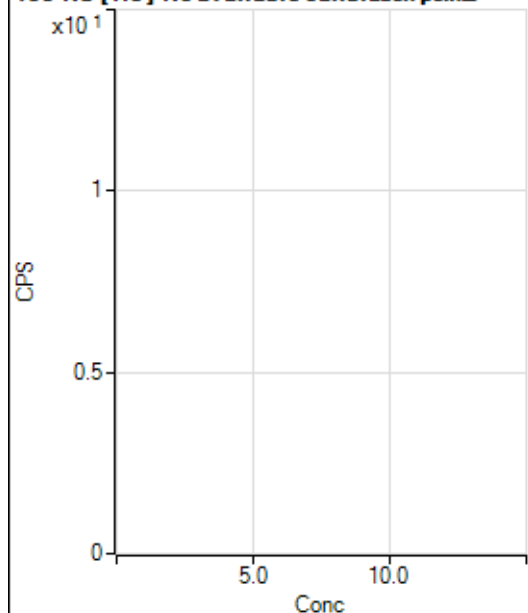
$$BEC = 0.02465$$

Weight: <None>

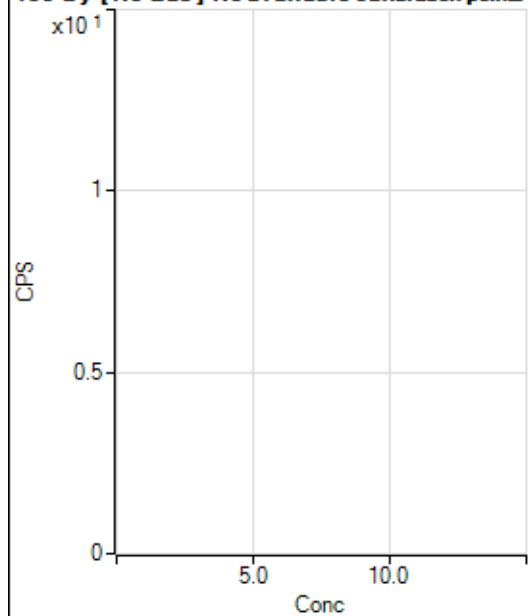
Min Conc: 0

150 Nd [No Gas] No available calibration points

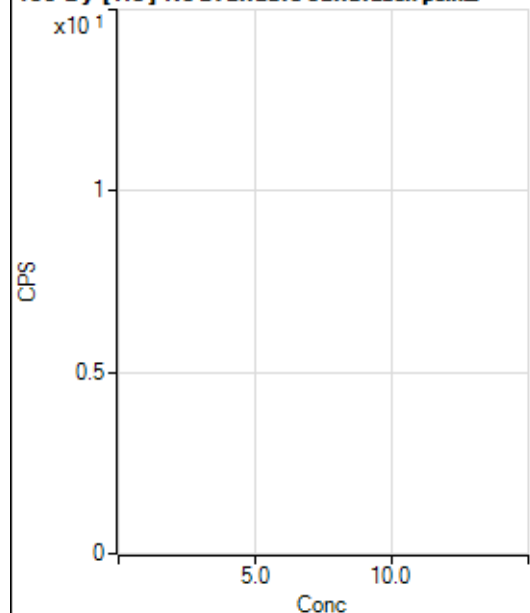
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			11.11		P	91.7
2	☐			6.67		P	100.0
3	☐			11.11		P	91.7
4	☐			22.22		P	45.8
5	☐			51.11		P	27.2
6	☐			120.00		P	14.7
7	☐			184.45		P	15.0
8	☐			31.11		P	24.7

150 Nd [He] No available calibration points

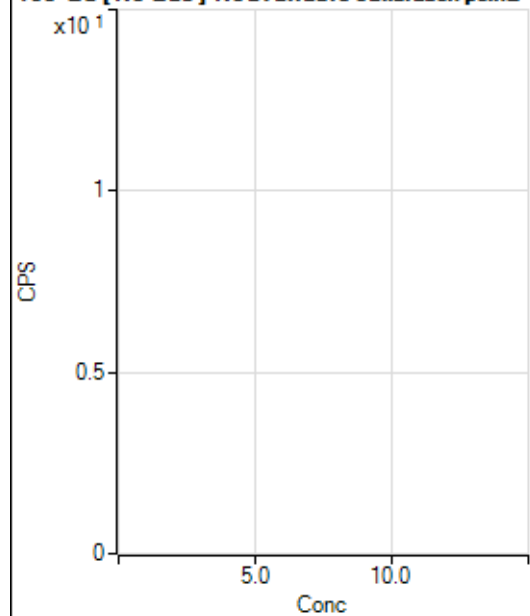
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			0.00		P	
2	☐			1.11		P	173.2
3	☐			0.00		P	
4	☐			2.22		P	173.2
5	☐			2.22		P	86.6
6	☐			13.33		P	25.0
7	☐			10.00		P	57.8
8	☐			13.33		P	43.3

156 Dy [No Gas] No available calibration points

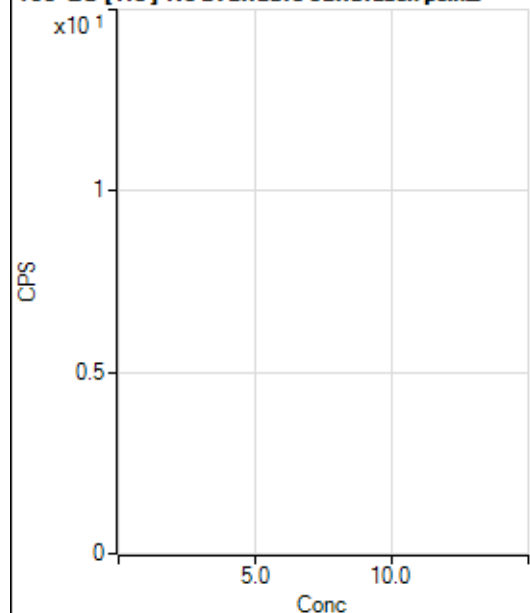
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			8.33		P	0.0
2	☐			11.11		P	43.3
3	☐			25.00		P	33.3
4	☐			22.22		P	57.3
5	☐			83.33		P	17.3
6	☐			97.23		P	9.9
7	☐			244.45		P	10.4
8	☐			919.50		P	9.1

156 Dy [He] No available calibration points

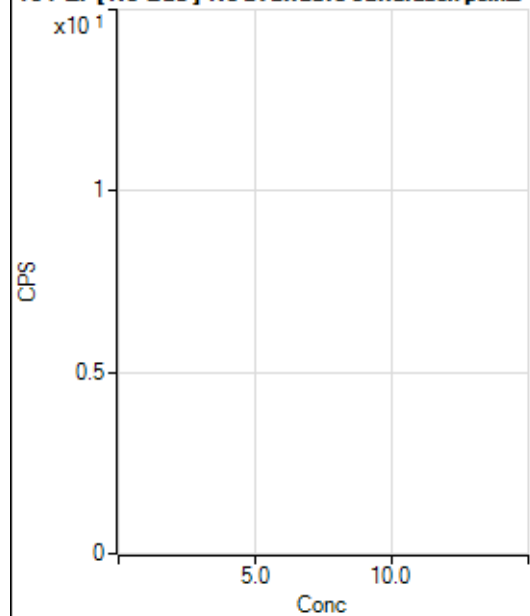
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			2.22		P	86.6
2	☐			2.22		P	86.6
3	☐			8.89		P	114.5
4	☐			21.11		P	63.8
5	☐			25.56		P	37.7
6	☐			44.44		P	22.9
7	☐			98.89		P	23.7
8	☐			467.79		P	6.8

160 Gd [No Gas] Noavailable calibration poin_

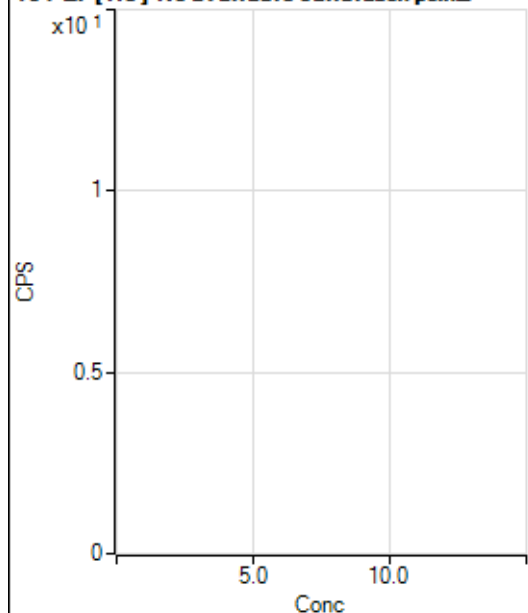
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			41.66		P	34.6
2	☐			27.78		P	45.8
3	☐			52.78		P	39.7
4	☐			52.78		P	18.2
5	☐			77.78		P	22.3
6	☐			155.56		P	29.5
7	☐			277.79		P	16.5
8	☐			1086.18		P	7.1

160 Gd [He] No available calibration points

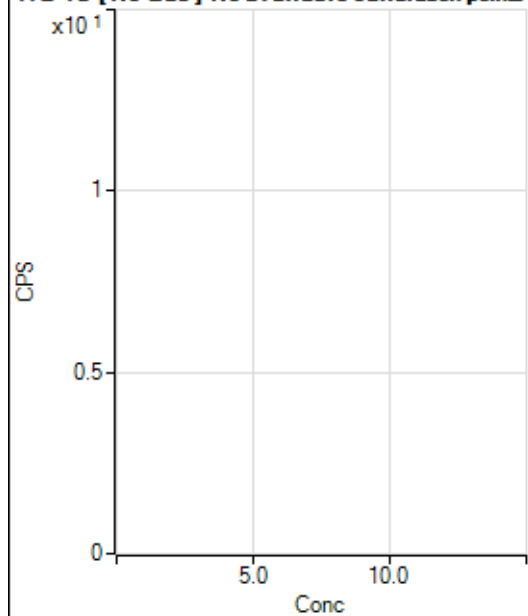
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			8.89		P	43.3
2	☐			12.22		P	15.7
3	☐			16.67		P	20.0
4	☐			20.00		P	86.6
5	☐			47.78		P	35.1
6	☐			74.44		P	11.3
7	☐			115.56		P	10.1
8	☐			565.57		P	2.7

164 Er [No Gas] No available calibration points

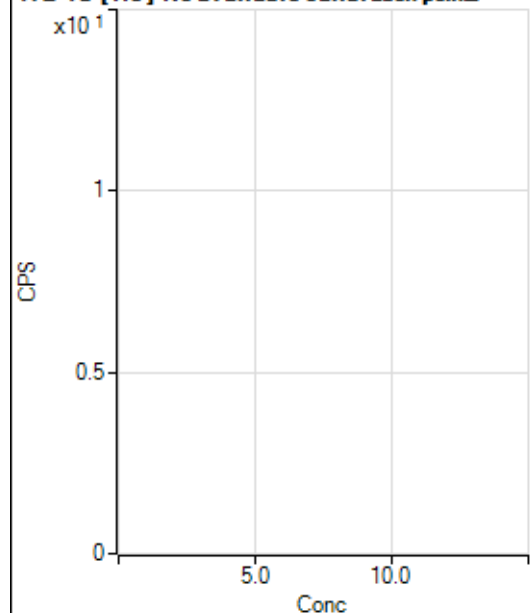
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			44.45		P	84.6
2	☐			36.11		P	48.0
3	☐			22.22		P	43.3
4	☐			47.22		P	36.7
5	☐			27.78		P	69.3
6	☐			52.78		P	39.7
7	☐			69.45		P	48.5
8	☐			150.00		P	24.2

164 Er [He] No available calibration points

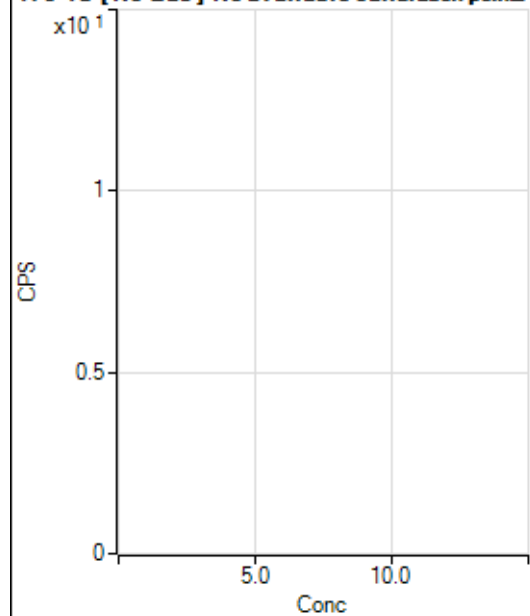
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			7.78		P	107.8
2	☐			8.89		P	43.3
3	☐			16.67		P	20.0
4	☐			21.11		P	32.9
5	☐			12.22		P	15.7
6	☐			7.78		P	49.5
7	☐			27.78		P	34.6
8	☐			58.89		P	18.2

172 Yb [No Gas] No available calibration points

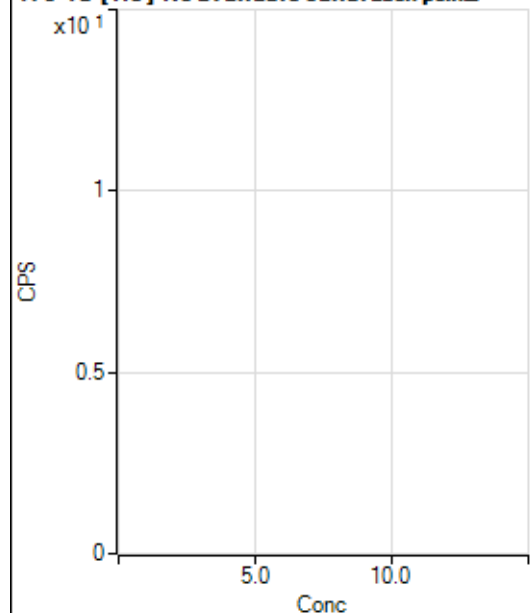
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			16.67		P	50.0
2	☐			19.44		P	89.2
3	☐			11.11		P	43.3
4	☐			11.11		P	114.6
5	☐			11.11		P	86.6
6	☐			13.89		P	34.7
7	☐			25.00		P	88.2
8	☐			16.67		P	50.0

172 Yb [He] No available calibration points

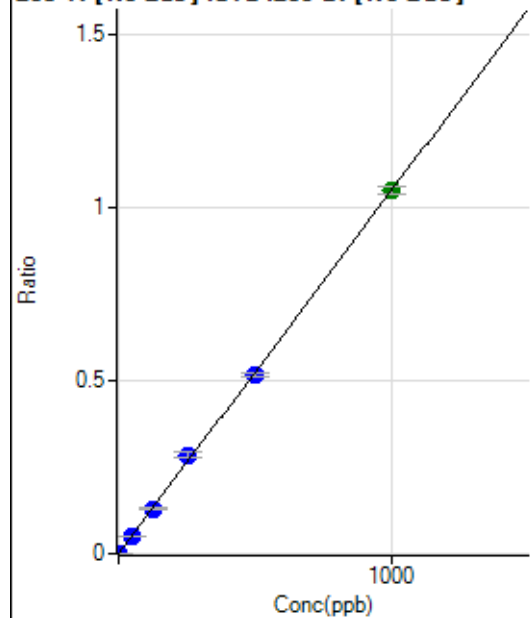
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			3.70		P	173.2
2	☐			0.00		P	
3	☐			5.56		P	100.0
4	☐			0.00		P	
5	☐			3.70		P	173.2
6	☐			5.56		P	100.0
7	☐			5.56		P	100.0
8	☐			12.96		P	107.9

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			497.25		P	26.2
2	☐			527.81		P	16.0
3	☐			577.81		P	15.3
4	☐			586.14		P	3.0
5	☐			469.47		P	17.8
6	☐			644.48		P	7.6
7	☐			630.59		P	9.4
8	☐			538.92		P	9.1

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			383.35		P	11.6
2	☐			348.16		P	1.8
3	☐			290.75		P	8.6
4	☐			301.86		P	10.1
5	☐			301.86		P	28.2
6	☐			348.16		P	4.0
7	☐			288.90		P	29.1
8	☐			325.93		P	2.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	833.38	0.0003	P	7.9
2	☐	1.000	0.970	3614.50	0.0013	P	7.6
3	☐	50.000	48.719	145072.04	0.0513	P	1.7
4	☐	125.000	122.588	375319.56	0.1287	P	3.4
5	☐	250.000	270.720	749265.39	0.2839	P	6.4
6	☐	500.000	492.084	1534266.10	0.5158	P	1.5
7	☐	1000.000	999.144	3154615.46	1.0470	A	2.1
8	☐			1789.06	0.0006	P	11.1

$$y = 0.0010 * x + 2.9719E-004$$

$$R = 0.9997$$

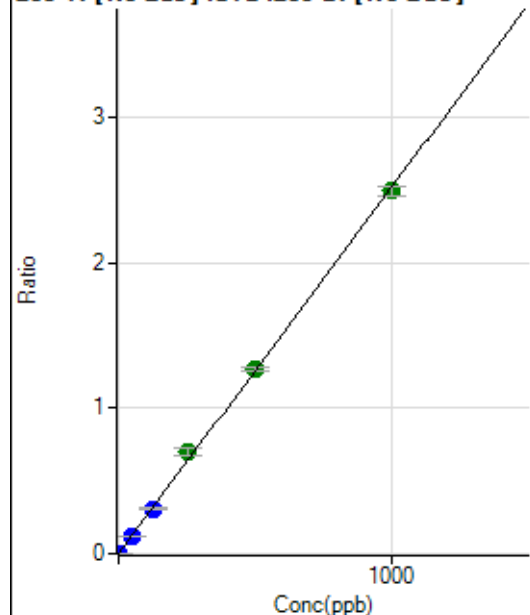
$$DL = 0.06728$$

$$BEC = 0.2837$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2016.02	0.0007	P	4.3
2	☐	1.000	1.159	9995.44	0.0036	P	2.3
3	☐	50.000	49.002	350248.11	0.1239	P	0.5
4	☐	125.000	123.134	904758.13	0.3103	P	3.9
5	☐	250.000	278.565	1848438.50	0.7012	A	8.7
6	☐	500.000	505.009	3779180.56	1.2706	A	1.9
7	☐	1000.000	990.637	7506908.46	2.4917	A	2.6
8	☐			10425.25	0.0035	P	11.1

$$y = 0.0025 * x + 7.1899E-004$$

$$R = 0.9995$$

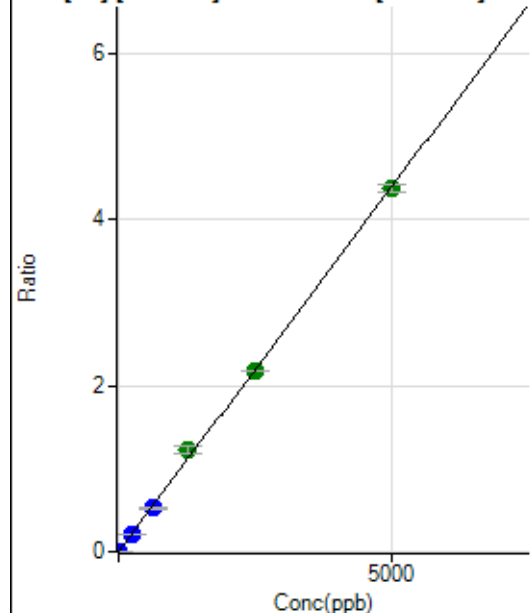
$$DL = 0.0373$$

$$BEC = 0.2859$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	364.83	0.0001	P	7.7
2	☐	1.000	1.026	2837.39	0.0010	P	2.8
3	☐	250.000	239.867	595769.26	0.2108	P	1.0
4	☐	625.000	598.027	1532064.70	0.5254	P	2.9
5	☐	1250.000	1405.966	3258383.58	1.2349	A	6.9
6	☐	2500.000	2478.509	6476004.14	2.1769	A	0.1
7	☐	5000.000	4975.632	13166931.43	4.3701	A	2.2
8	☐			9014.41	0.0030	P	7.6

$$y = 8.7826E-004 * x + 1.3017E-004$$

$$R = 0.9994$$

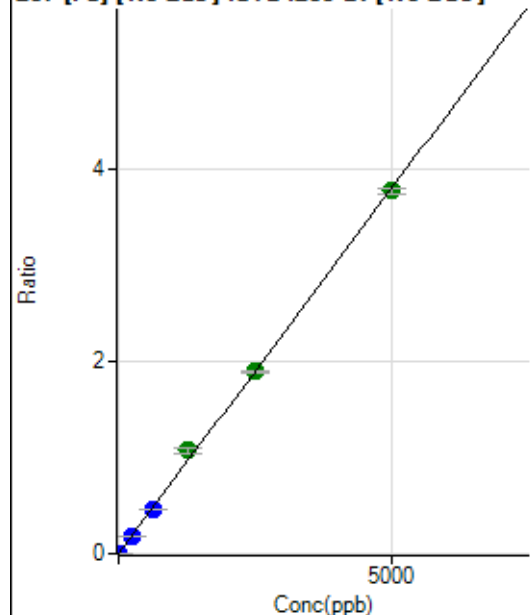
$$DL = 0.03433$$

$$BEC = 0.1482$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	316.68	0.0001	P	8.5
2	☐	1.000	0.965	2326.18	0.0008	P	5.4
3	☐	250.000	240.367	516368.00	0.1827	P	0.7
4	☐	625.000	601.498	1332922.85	0.4571	P	2.7
5	☐	1250.000	1409.547	2826252.96	1.0709	A	6.4
6	☐	2500.000	2490.183	5627998.04	1.8918	A	0.4
7	☐	5000.000	4968.441	11373760.55	3.7745	A	1.6
8	☐			7787.69	0.0026	P	8.1

$$y = 7.5967E-004 * x + 1.1303E-004$$

$$R = 0.9994$$

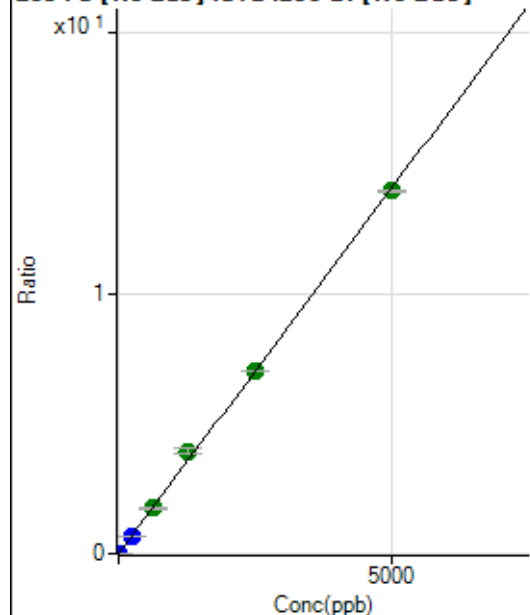
$$DL = 0.0381$$

$$BEC = 0.1488$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1219.49	0.0004	P	14.1
2	☐	1.000	0.944	8475.68	0.0031	P	4.6
3	☐	250.000	240.232	1905461.38	0.6742	P	0.7
4	☐	625.000	622.738	5094554.11	1.7471	A	3.3
5	☐	1250.000	1401.580	10376401.07	3.9315	A	6.3
6	☐	2500.000	2495.140	20821265.65	6.9987	A	0.6
7	☐	5000.000	4965.306	41976263.61	13.9270	A	0.7
8	☐			28711.02	0.0096	P	8.0

$$y = 0.0028 * x + 4.3537E-004$$

$$R = 0.9994$$

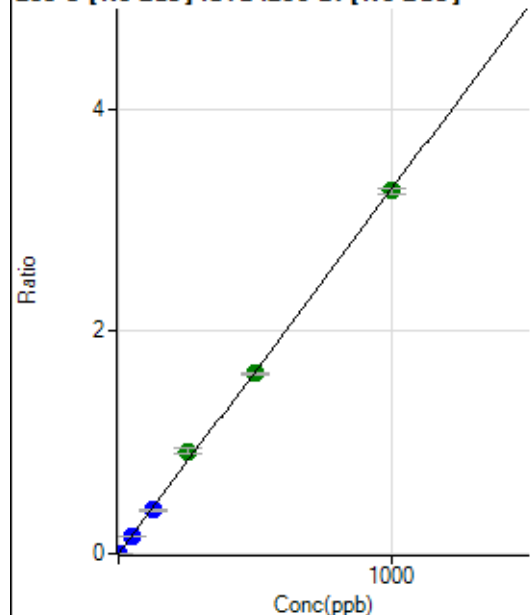
$$DL = 0.06559$$

$$BEC = 0.1552$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	22.22	0.0000	P	109.0
2	☐	1.000	0.961	8703.20	0.0032	P	2.5
3	☐	50.000	47.460	440172.60	0.1558	P	1.0
4	☐	125.000	119.577	1144522.86	0.3924	P	2.4
5	☐	250.000	281.546	2438569.89	0.9239	A	6.5
6	☐	500.000	495.083	4833311.57	1.6247	A	0.9
7	☐	1000.000	995.377	9842432.25	3.2665	A	1.9
8	☐			2950.43	0.0010	P	8.5

$$y = 0.0033 * x + 7.9780E-006$$

$$R = 0.9994$$

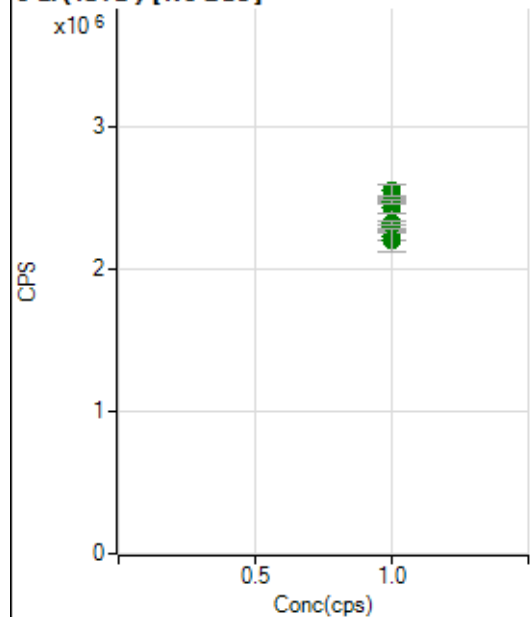
$$DL = 0.007951$$

$$BEC = 0.002431$$

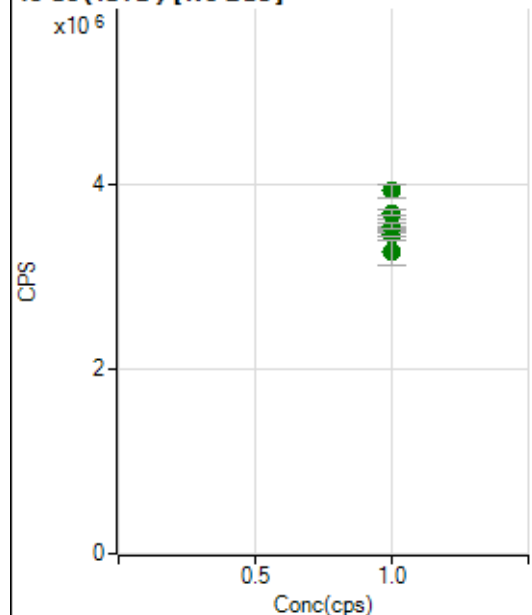
Weight: <None>

Min Conc: 0

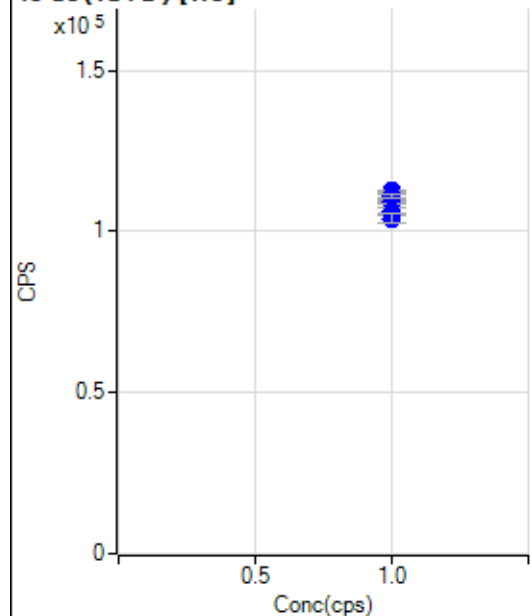
6 Li (ISTD) [No Gas]



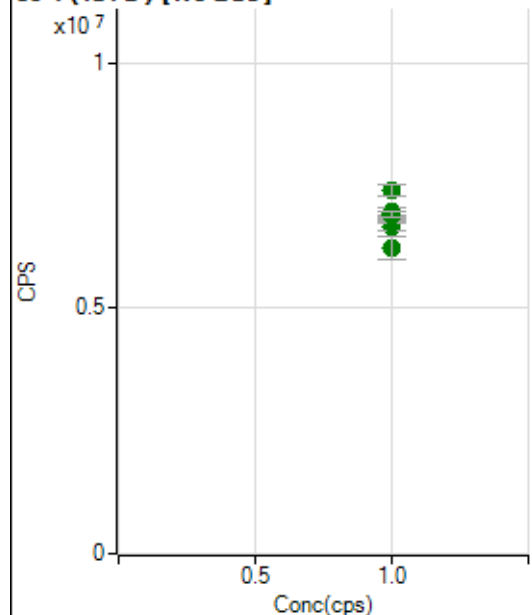
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2286726.93		A	1.6
2	☐	1.000		2228509.16		A	2.5
3	☐	1.000		2318630.07		A	0.9
4	☐	1.000		2423958.33		A	3.2
5	☐	1.000		2203651.59		A	7.4
6	☐	1.000		2471833.86		A	1.8
7	☐	1.000		2469204.83		A	0.7
8	☐	1.000		2544413.95		A	3.1

45 Sc (ISTD) [No Gas]

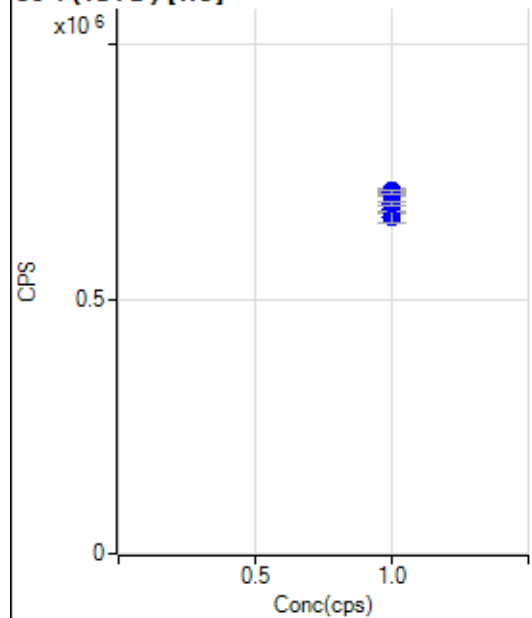
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3520663.32		A	1.0
2	☐	1.000		3452183.28		A	1.5
3	☐	1.000		3543423.00		A	1.8
4	☐	1.000		3675648.63		A	3.0
5	☐	1.000		3256020.20		A	8.5
6	☐	1.000		3685865.95		A	1.5
7	☐	1.000		3688120.82		A	1.6
8	☐	1.000		3923707.51		A	3.5

45 Sc (ISTD) [He]

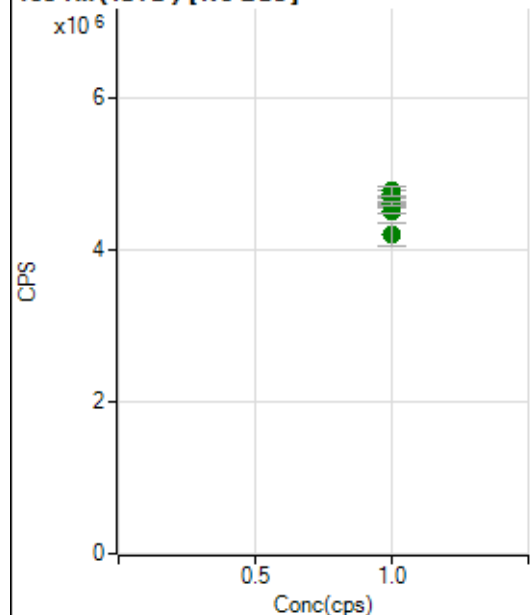
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		106120.43		P	2.5
2	☐	1.000		104005.20		P	3.0
3	☐	1.000		112558.43		P	0.8
4	☐	1.000		110974.22		P	0.7
5	☐	1.000		109106.78		P	0.1
6	☐	1.000		112280.01		P	0.7
7	☐	1.000		109430.13		P	1.2
8	☐	1.000		110852.20		P	1.3

89 Y (ISTD) [No Gas]

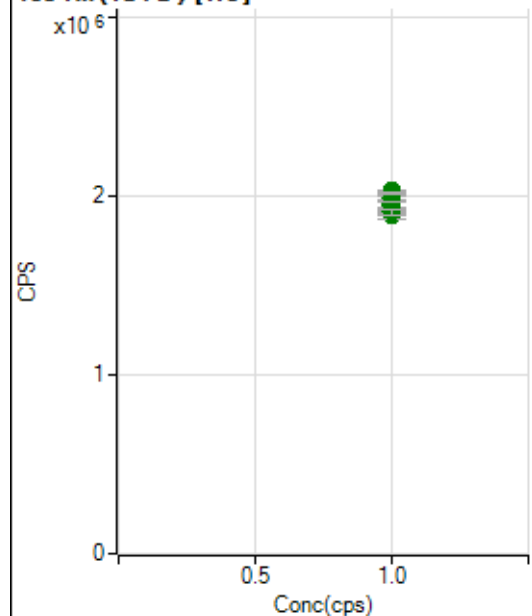
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		6785962.12		A	0.3
2	☐	1.000		6652154.62		A	2.6
3	☐	1.000		6737536.64		A	0.6
4	☐	1.000		6963781.77		A	1.9
5	☐	1.000		6223380.88		A	7.8
6	☐	1.000		6936540.04		A	0.8
7	☐	1.000		6898700.87		A	1.7
8	☐	1.000		7384792.39		A	3.3

89 Y (ISTD) [He]

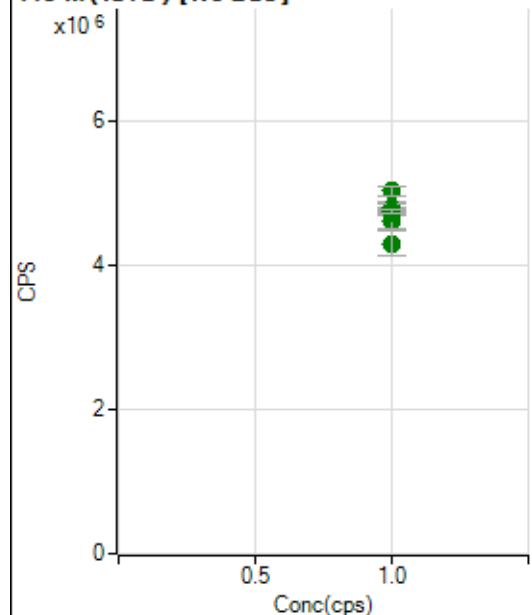
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		675090.70		P	2.2
2	☐	1.000		661003.33		P	3.4
3	☐	1.000		712516.08		P	1.5
4	☐	1.000		705855.40		P	1.0
5	☐	1.000		687535.62		P	1.0
6	☐	1.000		709029.70		P	0.7
7	☐	1.000		688401.04		P	1.3
8	☐	1.000		709001.03		P	1.2

103 Rh (ISTD) [No Gas]

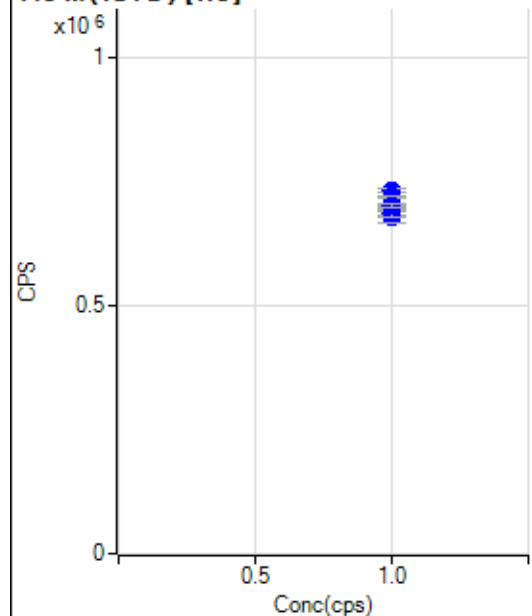
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		4752082.35		A	2.0
2	☐	1.000		4523952.31		A	1.9
3	☐	1.000		4653301.67		A	1.2
4	☐	1.000		4739040.12		A	2.3
5	☐	1.000		4201560.20		A	7.3
6	☐	1.000		4686340.77		A	1.7
7	☐	1.000		4608795.07		A	1.1
8	☐	1.000		4785475.06		A	2.9

103 Rh (ISTD) [He]

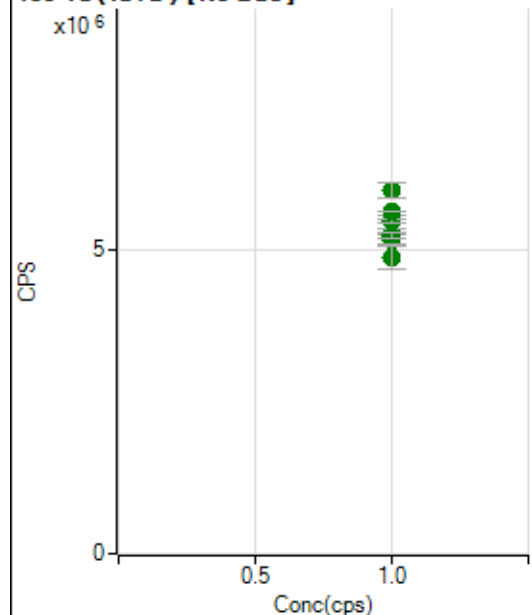
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1946882.96		A	3.0
2	☐	1.000		1890917.99		A	2.1
3	☐	1.000		2031593.87		A	0.2
4	☐	1.000		1994762.66		A	1.1
5	☐	1.000		1957892.89		A	1.8
6	☐	1.000		2017285.96		A	0.7
7	☐	1.000		1954878.93		A	1.5
8	☐	1.000		1911883.88		A	1.9

115 In (ISTD) [No Gas]

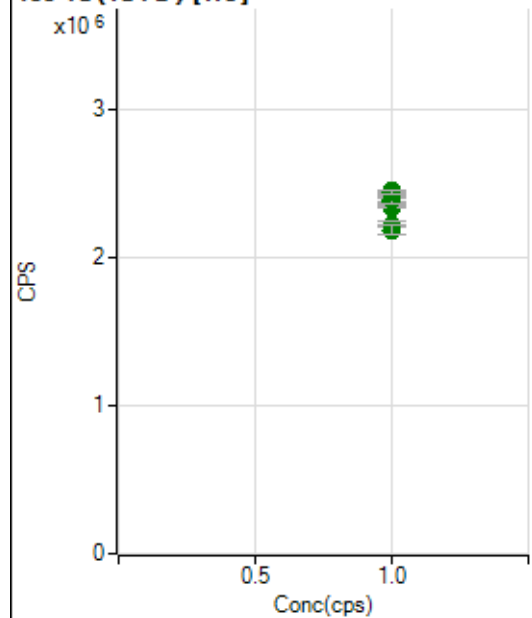
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		4793431.55		A	0.5
2	☐	1.000		4602193.36		A	3.9
3	☐	1.000		4719575.01		A	0.5
4	☐	1.000		4812157.11		A	2.9
5	☐	1.000		4304612.71		A	8.3
6	☐	1.000		4815217.21		A	1.7
7	☐	1.000		4752329.82		A	1.1
8	☐	1.000		5033139.61		A	2.3

115 In (ISTD) [He]

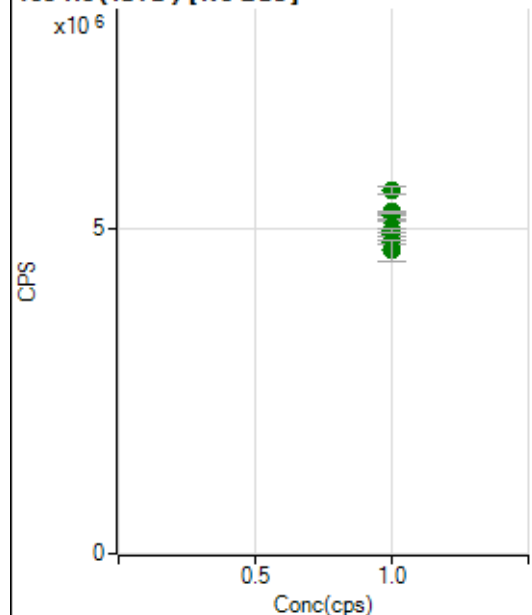
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		690531.06		P	2.7
2	☐	1.000		677518.70		P	3.5
3	☐	1.000		731107.64		P	1.1
4	☐	1.000		719561.47		P	0.7
5	☐	1.000		699167.69		P	0.4
6	☐	1.000		719662.88		P	0.3
7	☐	1.000		686913.11		P	2.2
8	☐	1.000		702206.94		P	1.1

159 Tb (ISTD) [No Gas]

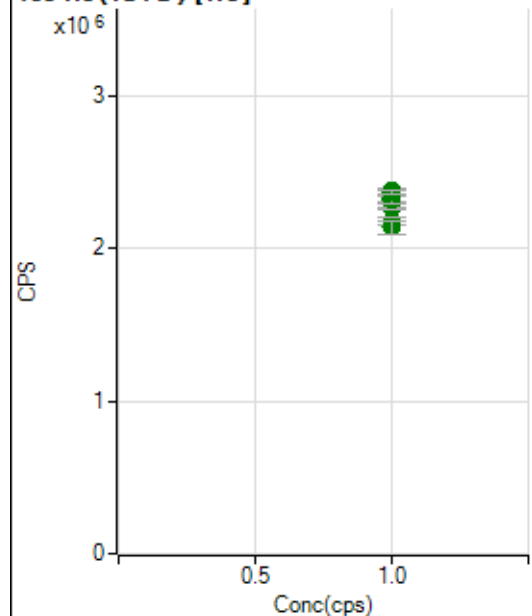
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		5234673.88		A	1.4
2	☐	1.000		5169125.09		A	3.1
3	☐	1.000		5243649.50		A	1.5
4	☐	1.000		5459359.40		A	3.7
5	☐	1.000		4876539.51		A	7.4
6	☐	1.000		5476192.28		A	1.5
7	☐	1.000		5633684.84		A	0.5
8	☐	1.000		5970592.13		A	4.2

159 Tb (ISTD) [He]

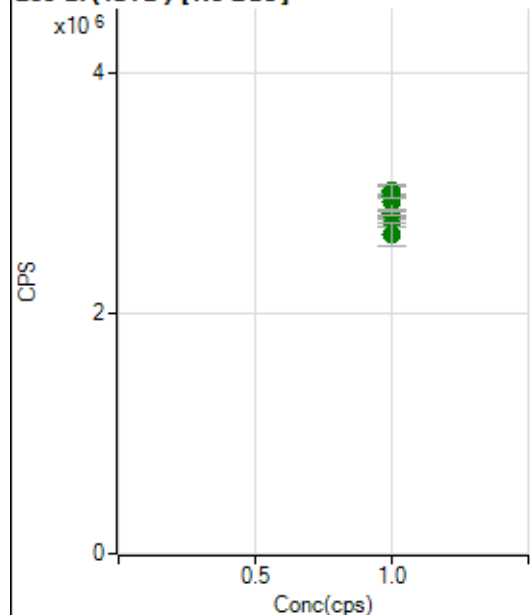
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2230308.39		A	2.2
2	☐	1.000		2190069.38		A	3.1
3	☐	1.000		2378784.41		A	0.7
4	☐	1.000		2381577.34		A	1.7
5	☐	1.000		2344684.86		A	0.8
6	☐	1.000		2454924.41		A	0.9
7	☐	1.000		2393655.16		A	2.0
8	☐	1.000		2441380.33		A	1.0

165 Ho (ISTD) [No Gas]

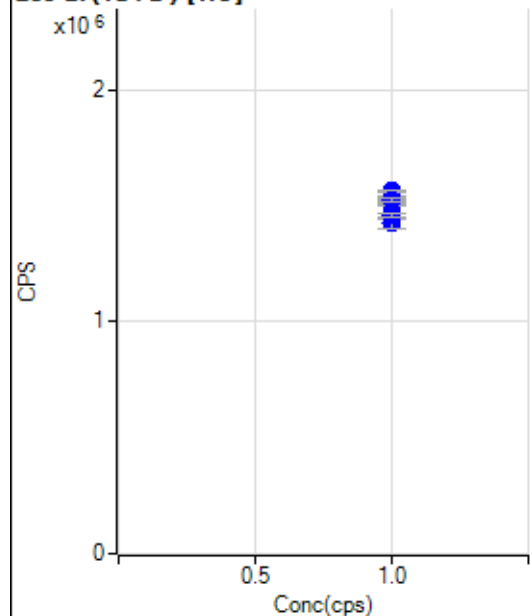
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		4907796.12		A	1.1
2	☐	1.000		4768743.03		A	1.3
3	☐	1.000		4944044.17		A	1.2
4	☐	1.000		5144264.09		A	2.0
5	☐	1.000		4648513.39		A	6.6
6	☐	1.000		5187759.23		A	2.4
7	☐	1.000		5250566.22		A	0.5
8	☐	1.000		5567126.95		A	2.1

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2182725.64		A	2.6
2	☐	1.000		2139084.48		A	4.2
3	☐	1.000		2275295.62		A	1.6
4	☐	1.000		2332789.36		A	1.9
5	☐	1.000		2268797.33		A	0.5
6	☐	1.000		2380509.36		A	1.3
7	☐	1.000		2318292.47		A	2.4
8	☐	1.000		2372548.84		A	0.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2803149.61		A	1.0
2	☐	1.000		2751789.99		A	2.3
3	☐	1.000		2826137.66		A	0.7
4	☐	1.000		2918511.97		A	4.1
5	☐	1.000		2647415.58		A	7.3
6	☐	1.000		2974885.13		A	1.2
7	☐	1.000		3013987.42		A	2.3
8	☐	1.000		3008032.84		A	3.9

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1456336.38		P	2.2
2	☐	1.000		1429832.98		P	3.4
3	☐	1.000		1530231.58		P	1.5
4	☐	1.000		1521132.29		P	0.9
5	☐	1.000		1504833.31		P	0.6
6	☐	1.000		1565403.74		P	0.6
7	☐	1.000		1524108.28		P	1.3
8	☐	1.000		1463145.20		P	1.1

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8062321-MS.b
Acq. Date-Time 2021-06-23 16:33:23
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		5673	56733.44			4.027	5.000
24		50697	506971.49			3.276	5.000
25		6823	68230.17			3.532	5.000
26		8176	81762.99			3.728	5.000
59		9976	99764.14			3.358	5.000
113		4399	43988.16			3.366	5.000
115		14219	142194.71			2.284	5.000
206		4939	49389.06			3.429	5.000
207		4058	40584.74			3.075	5.000
208		10154	101541.01			3.343	5.000
220		1	5.40			31.672	

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

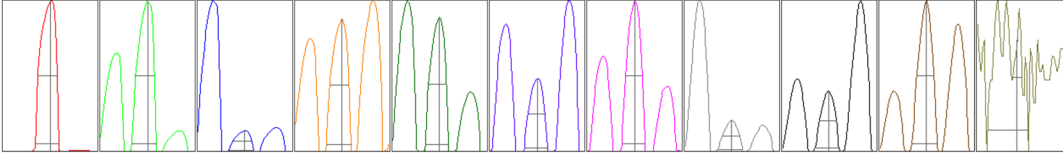
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	5940	5735	5571	5782	5339
24	52347	51326	49889	51720	48204
25	7060	6943	6703	6949	6460
26	8423	8370	8038	8348	7702
59	10291	10172	9842	10123	9455
113	4528	4473	4333	4491	4169
115	14656	14377	13822	14242	14000
206	5049	5007	4863	5097	4679
207	4183	4117	3980	4133	3880
208	10474	10301	9979	10371	9645

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	9961.23	9.05	8.90 - 9.10	
24	90696.82	24.05	23.90 - 24.10	
25	12237.24	25.00	24.90 - 25.10	
26	14367.02	26.00	25.90 - 26.10	
59	18856.08	59.00	58.90 - 59.10	
113	8669.10	113.05	112.90 - 113.10	
115	28403.42	115.05	114.90 - 115.10	
206	9621.53	206.00	205.90 - 206.10	
207	7969.60	207.00	206.90 - 207.10	
208	19932.41	208.00	207.90 - 208.10	
220	0.70	219.80	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.60	0.740	0.900	
24	0.59	0.779	0.900	
25	0.58	0.782	0.900	
26	0.60	0.784	0.900	
59	0.56	0.734	0.900	
113	0.53	0.730	0.900	
115	0.52	0.730	0.900	
206	0.54	0.782	0.900	
207	0.54	0.746	0.900	
208	0.54	0.806	0.900	
220	0.28	1.268		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.69 L/min Dilution Gas 0.40 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	8.5 V	Deflect	16.4 V
Extract 2	-185.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-75 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	170 V		

QP Parameters

Mass Gain	123	Axis Gain	0.9993	QP Bias	-4.0 V
Mass Offset	125	Axis Offset	-0.01		

Hardware Settings

Torch

Torch H	1.0 mm	Torch V	-0.8 mm
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EM

Discriminator	4.0 mV	Analog HV	2207 V	Pulse HV	1535 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		2131	21307.80			2.411	
89		10349	103488.67			2.551	
205		13665	136649.20			1.729	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	2119	2203	2130	2141	2060
89	10380	10713	10357	10326	9969
205	13678	13999	13589	13715	13343

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.69 L/min	Dilution Gas	0.40 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	8.5 V	Deflect	5.0 V
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US EPA Tune Check Report

Extract 2	-185.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-75 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	200 V		
QP Parameters					
Mass Gain	123	Axis Gain	0.9993	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	-0.01		
Hardware Settings					
Torch					
Torch H	1.0 mm	Torch V	-0.8 mm		
EM					
Discriminator	4.0 mV	Analog HV	2207 V	Pulse HV	1535 V

LB Number : LB115166 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P8
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2021-06-23 17:04:45 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.20	0.61	-0.41	0.00	N/A	ppb
Antimony	121-1	0.00	-0.01	0.00	0.00	N/A	ppb
Arsenic	75-2	0.02	-0.02	0.00	0.00	N/A	ppb
Barium	135-1	0.00	-0.01	0.02	0.00	N/A	ppb
Barium	137-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Beryllium	9-1	0.01	0.00	-0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.11	-0.18	0.29	0.00	N/A	ppb
Boron	11-1	0.26	-0.25	-0.01	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	0.08	-0.10	0.00	N/A	ppb
Cadmium	106-1	0.39	1.20	-1.59	0.00	N/A	ppb
Cadmium	108-1	0.03	-0.20	0.17	0.00	N/A	ppb
Calcium	43-1	-0.38	1.13	-0.75	0.00	N/A	ppb
Calcium	44-1	-0.91	-1.36	2.27	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.06	-0.03	-0.02	0.00	N/A	ppb
Cobalt	59-2	-0.01	0.01	0.00	0.00	N/A	ppb
Copper	63-2	0.03	-0.01	-0.03	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	0.05	0.63	-0.69	0.00	N/A	ppb
Iron	56-2	0.05	-0.10	0.05	0.00	N/A	ppb
Iron	57-2	-0.29	-0.04	0.33	0.00	N/A	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 17:04:45	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.00	-0.01	0.01	0.00	N/A	ppb
Lead	207-1	-0.01	0.01	0.01	0.00	N/A	ppb
Lead	208-1	-0.03	0.02	0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.29	-0.58	0.87	0.00	N/A	ppb
Manganese	55-2	-0.03	0.02	0.01	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.03	-0.03	0.00	N/A	ppb
Molybdenum	95-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	-0.01	0.00	N/A	ppb
Phosphorus	31-2	0.17	-15.34	-11.45	-8.88		ppb
Potassium	39-2	3.95	-5.11	1.15	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.82	-1.20	0.38	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.61	0.73	-0.12	0.00	N/A	ppb
Silicon	28-1	82.59	-86.29	3.70	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.89	-0.82	-0.07	0.00	N/A	ppb
Strontium	86-1	0.06	-0.07	0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-25.54	-415.00	20.90	-139.88		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.03	-0.02	-0.01	0.00	N/A	ppb
Thallium	205-1	0.01	0.00	-0.01	0.00	N/A	ppb
Tin	118-1	0.01	-0.02	0.01	0.00	N/A	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 17:04:45	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.06	-0.03	-0.04	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.03	0.06	-0.03	0.00	N/A	ppb
Zirconium	90-1	0.00	-0.01	0.00	0.00	N/A	ppb
Zirconium	91-1	-0.01	0.00	0.01	0.00	N/A	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 17:10:57	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.00	19.29	22.50	21.27	8.12	ppb
Antimony	121-1	1.99	2.03	2.13	2.05	3.36	ppb
Arsenic	75-2	1.01	1.12	0.82	0.98	15.75	ppb
Barium	135-1	10.36	10.39	10.55	10.43	1.01	ppb
Barium	137-1	10.32	10.23	10.44	10.33	1.03	ppb
Beryllium	9-1	1.06	1.08	1.01	1.05	3.43	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	10-1	23.46	25.75	26.94	25.38	6.95	ppb
Boron	11-1	23.79	25.54	27.40	25.58	7.05	ppb
Bromine	81-1						cps
Cadmium	111-1	1.00	1.04	1.07	1.04	3.31	ppb
Cadmium	106-1	-0.81	1.65	-1.23	-0.13		ppb
Cadmium	108-1	0.76	1.22	0.63	0.87	35.74	ppb
Calcium	43-1	509.18	520.75	512.54	514.16	1.16	ppb
Calcium	44-1	519.06	531.83	533.14	528.01	1.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.31	2.19	2.27	2.26	2.78	ppb
Cobalt	59-2	1.07	1.07	1.01	1.05	3.35	ppb
Copper	63-2	2.06	2.07	1.95	2.03	3.38	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				98		%
Indium	115-1				96		%
Indium	115-2				98		%
Iron	54-2	57.13	51.84	55.76	54.91	5.00	ppb
Iron	56-2	56.85	55.22	55.03	55.70	1.80	ppb
Iron	57-2	56.14	58.72	47.72	54.19	10.62	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 17:10:57	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.00	1.02	1.06	1.03	3.21	ppb
Lead	207-1	1.03	0.91	0.96	0.96	6.20	ppb
Lead	208-1	0.99	0.89	0.94	0.94	5.38	ppb
Lithium	6-1				97		%
Magnesium	24-2	523.71	511.39	514.99	516.70	1.23	ppb
Manganese	55-2	1.01	1.03	1.01	1.02	0.83	ppb
Molybdenum	94-1	5.22	5.34	4.89	5.15	4.51	ppb
Molybdenum	95-1	5.20	4.97	5.08	5.08	2.25	ppb
Molybdenum	96-1	5.06	5.10	5.00	5.05	0.96	ppb
Molybdenum	97-1	5.10	5.17	5.38	5.22	2.79	ppb
Molybdenum	98-1	5.16	5.11	5.09	5.12	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.19	1.10	1.24	1.18	6.10	ppb
Phosphorus	31-2	1.73	5.41	19.49	8.88	105.57	ppb
Potassium	39-2	540.39	535.76	514.20	530.12	2.64	ppb
Rhodium	103-1				95		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	82-1	4.57	5.11	4.57	4.75	6.58	ppb
Selenium	77-2	5.26	5.02	4.92	5.07	3.43	ppb
Selenium	78-2	6.49	6.49	5.79	6.26	6.46	ppb
Silicon	28-1	105.94	11.18	243.69	120.27	97.21	ppb
Silver	107-1	1.01	0.96	1.05	1.01	4.69	ppb
Silver	109-1	1.06	1.09	1.04	1.06	2.68	ppb
Sodium	23-2	531.69	517.21	512.83	520.58	1.90	ppb
Strontium	86-1	1.07	0.98	1.16	1.07	8.67	ppb
Strontium	88-1	0.99	1.02	1.07	1.03	3.76	ppb
Sulfur	34-1	140.78	-76.75	355.61	139.88	154.55	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	1.06	0.97	0.87	0.97	9.76	ppb
Thallium	205-1	1.17	1.12	1.19	1.16	2.93	ppb
Tin	118-1	4.91	5.03	5.19	5.05	2.79	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 17:10:57	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.93	5.73	4.97	5.21	8.59	ppb
Uranium	238-1	0.98	0.97	0.93	0.96	2.52	ppb
Vanadium	51-2	5.34	5.36	4.95	5.22	4.46	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	2.53	2.09	2.16	2.26	10.56	ppb
Zirconium	90-1	1.05	0.97	1.04	1.02	4.02	ppb
Zirconium	91-1	1.19	1.12	1.09	1.13	4.60	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 17:14:04	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1001.89	983.15	994.55	993.19	0.95	ppb
Antimony	121-1	51.86	52.99	50.49	51.78	2.42	ppb
Arsenic	75-2	51.03	48.55	49.95	49.84	2.50	ppb
Barium	135-1	254.43	258.89	246.21	253.18	2.54	ppb
Barium	137-1	263.64	260.80	254.61	259.68	1.78	ppb
Beryllium	9-1	52.00	52.08	50.55	51.54	1.67	ppb
Bismuth	209-1				101		%
Bismuth	209-2				105		%
Boron	10-1	46.26	48.31	53.27	49.28	7.32	ppb
Boron	11-1	45.41	48.69	50.65	48.25	5.48	ppb
Bromine	81-1						cps
Cadmium	111-1	54.38	55.06	52.68	54.04	2.27	ppb
Cadmium	106-1	53.02	52.83	48.39	51.41	5.10	ppb
Cadmium	108-1	52.10	53.70	51.74	52.51	1.99	ppb
Calcium	43-1	4517.77	4377.24	4452.68	4449.23	1.58	ppb
Calcium	44-1	4952.91	4821.89	4807.49	4860.76	1.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.73	49.29	49.98	50.00	1.43	ppb
Cobalt	59-2	49.93	48.38	49.06	49.12	1.58	ppb
Copper	63-2	509.71	493.76	498.47	500.65	1.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				104		%
Indium	115-1				98		%
Indium	115-2				106		%
Iron	54-2	2637.63	2609.25	2569.07	2605.32	1.32	ppb
Iron	56-2	2636.55	2591.57	2637.30	2621.81	1.00	ppb
Iron	57-2	2585.84	2501.25	2548.27	2545.12	1.67	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 17:14:04	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	237.09	241.90	240.62	239.87	1.04	ppb
Lead	207-1	240.47	241.94	238.69	240.37	0.68	ppb
Lead	208-1	240.53	241.77	238.41	240.23	0.71	ppb
Lithium	6-1				101		%
Magnesium	24-2	5214.17	4980.86	5068.63	5087.89	2.32	ppb
Manganese	55-2	497.27	482.73	491.10	490.37	1.49	ppb
Molybdenum	94-1	256.15	254.20	254.76	255.04	0.39	ppb
Molybdenum	95-1	255.47	249.71	251.02	252.07	1.20	ppb
Molybdenum	96-1	253.49	252.94	250.17	252.20	0.71	ppb
Molybdenum	97-1	259.26	257.95	258.33	258.51	0.26	ppb
Molybdenum	98-1	253.16	254.80	252.53	253.50	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.59	49.60	49.86	50.02	1.03	ppb
Phosphorus	31-2	990.66	1029.00	960.85	993.51	3.44	ppb
Potassium	39-2	2573.39	2496.08	2537.58	2535.68	1.53	ppb
Rhodium	103-1				98		%
Rhodium	103-2				104		%
Scandium	45-1				101		%
Scandium	45-2				106		%
Selenium	82-1	50.87	53.67	51.96	52.17	2.71	ppb
Selenium	77-2	43.18	48.67	61.97	51.27	18.84	ppb
Selenium	78-2	54.42	41.95	50.10	48.82	12.97	ppb
Silicon	28-1	202.98	13.38	100.48	105.61	89.86	ppb
Silver	107-1	53.42	52.99	52.64	53.02	0.74	ppb
Silver	109-1	53.25	54.21	53.46	53.64	0.94	ppb
Sodium	23-2	5094.89	4967.01	4993.46	5018.45	1.35	ppb
Strontium	86-1	514.35	510.09	512.92	512.45	0.42	ppb
Strontium	88-1	510.13	510.04	509.19	509.79	0.10	ppb
Sulfur	34-1	1071.43	229.99	808.48	703.30	61.21	ppb
Terbium	159-1				100		%
Terbium	159-2				107		%
Thallium	203-1	49.31	49.06	47.78	48.72	1.69	ppb
Thallium	205-1	49.28	48.93	48.80	49.00	0.50	ppb
Tin	118-1	51.70	51.64	50.92	51.42	0.84	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 17:14:04	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	258.83	255.35	257.63	257.27	0.69	ppb
Uranium	238-1	47.81	47.65	46.93	47.46	0.99	ppb
Vanadium	51-2	51.51	48.12	49.54	49.72	3.42	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				106		%
Zinc	66-2	506.54	492.74	502.15	500.47	1.41	ppb
Zirconium	90-1	50.81	50.56	50.55	50.64	0.29	ppb
Zirconium	91-1	49.64	49.89	49.85	49.79	0.27	ppb

LB Number : LB115166 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2021-06-23 17:17:07 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2541.16	2494.54	2480.46	2505.39	1.27	ppb
Antimony	121-1	130.38	124.13	127.74	127.41	2.46	ppb
Arsenic	75-2	125.17	124.40	123.74	124.44	0.57	ppb
Barium	135-1	644.23	603.52	622.49	623.41	3.27	ppb
Barium	137-1	664.09	614.31	629.76	636.06	4.01	ppb
Beryllium	9-1	129.46	122.82	128.66	126.98	2.85	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Boron	10-1	113.58	114.75	127.46	118.60	6.49	ppb
Boron	11-1	112.43	113.60	127.69	117.91	7.20	ppb
Bromine	81-1						cps
Cadmium	111-1	135.63	128.04	130.11	131.26	2.99	ppb
Cadmium	106-1	131.39	125.97	133.12	130.16	2.87	ppb
Cadmium	108-1	138.97	130.33	130.96	133.42	3.61	ppb
Calcium	43-1	11351.99	11061.34	10695.06	11036.13	2.98	ppb
Calcium	44-1	12444.91	11909.55	11505.04	11953.17	3.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	126.73	125.53	124.36	125.54	0.94	ppb
Cobalt	59-2	125.33	125.90	123.37	124.86	1.06	ppb
Copper	63-2	1308.77	1299.35	1314.39	1307.50	0.58	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				104		%
Iron	54-2	6601.10	6572.74	6575.68	6583.17	0.24	ppb
Iron	56-2	6593.16	6573.38	6599.18	6588.57	0.20	ppb
Iron	57-2	6397.44	6455.69	6394.28	6415.81	0.54	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 17:17:07	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	615.30	580.42	598.36	598.03	2.92	ppb
Lead	207-1	620.10	589.72	594.68	601.50	2.71	ppb
Lead	208-1	646.32	612.70	609.19	622.74	3.29	ppb
Lithium	6-1				106		%
Magnesium	24-2	12716.94	12795.49	12909.23	12807.22	0.75	ppb
Manganese	55-2	1243.59	1248.81	1236.96	1243.12	0.48	ppb
Molybdenum	94-1	653.27	631.53	627.85	637.55	2.16	ppb
Molybdenum	95-1	655.71	618.98	630.52	635.07	2.96	ppb
Molybdenum	96-1	652.01	629.12	630.46	637.20	2.02	ppb
Molybdenum	97-1	639.05	620.94	627.64	629.21	1.46	ppb
Molybdenum	98-1	643.47	613.40	630.92	629.26	2.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	127.07	129.36	129.28	128.57	1.01	ppb
Phosphorus	31-2	2496.32	2557.67	2364.74	2472.91	3.99	ppb
Potassium	39-2	6379.66	6389.01	6349.28	6372.65	0.33	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	82-1	134.00	128.63	129.05	130.56	2.28	ppb
Selenium	77-2	126.45	141.63	141.37	136.49	6.37	ppb
Selenium	78-2	130.86	126.04	120.81	125.90	3.99	ppb
Silicon	28-1	-15.46	-83.07	-224.33	-107.62		ppb
Silver	107-1	134.08	127.22	130.21	130.50	2.64	ppb
Silver	109-1	134.15	127.71	132.33	131.40	2.53	ppb
Sodium	23-2	12711.92	12703.34	12653.33	12689.53	0.25	ppb
Strontium	86-1	1321.09	1291.98	1268.61	1293.89	2.03	ppb
Strontium	88-1	1310.29	1234.83	1248.34	1264.49	3.18	ppb
Sulfur	34-1	2553.13	1867.55	1324.14	1914.94	32.16	ppb
Terbium	159-1				104		%
Terbium	159-2				107		%
Thallium	203-1	127.02	118.85	121.90	122.59	3.37	ppb
Thallium	205-1	128.42	119.06	121.92	123.13	3.90	ppb
Tin	118-1	130.80	123.02	124.82	126.21	3.23	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 17:17:07	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	660.09	641.78	626.21	642.69	2.64	ppb
Uranium	238-1	122.65	116.84	119.23	119.58	2.44	ppb
Vanadium	51-2	125.04	126.28	125.56	125.63	0.50	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				105		%
Zinc	66-2	1267.22	1267.46	1267.45	1267.38	0.01	ppb
Zirconium	90-1	127.73	122.46	123.10	124.43	2.31	ppb
Zirconium	91-1	124.27	121.92	120.48	122.22	1.56	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 17:20:12	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5054.11	5037.77	5026.75	5039.54	0.27	ppb
Antimony	121-1	299.72	299.73	261.89	287.11	7.61	ppb
Arsenic	75-2	251.25	249.21	244.50	248.32	1.40	ppb
Barium	135-1	1449.44	1487.35	1294.47	1410.42	7.25	ppb
Barium	137-1	1461.67	1516.08	1326.82	1434.86	6.79	ppb
Beryllium	9-1	289.30	300.57	259.46	283.11	7.50	ppb
Bismuth	209-1				94		%
Bismuth	209-2				103		%
Boron	10-1	257.34	287.92	262.77	269.34	6.06	ppb
Boron	11-1	259.78	287.62	261.96	269.79	5.74	ppb
Bromine	81-1						cps
Cadmium	111-1	305.60	309.67	271.97	295.75	7.00	ppb
Cadmium	106-1	304.70	314.29	278.98	299.32	6.10	ppb
Cadmium	108-1	301.47	303.17	266.56	290.40	7.12	ppb
Calcium	43-1	25470.84	27512.58	22848.94	25277.45	9.25	ppb
Calcium	44-1	26952.91	28847.46	24407.30	26735.89	8.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	250.99	250.79	254.50	252.10	0.83	ppb
Cobalt	59-2	247.60	246.77	247.35	247.24	0.17	ppb
Copper	63-2	2529.64	2546.33	2544.80	2540.26	0.36	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				95		%
Holmium	165-2				104		%
Indium	115-1				90		%
Indium	115-2				101		%
Iron	54-2	13140.97	13046.30	13055.54	13080.94	0.40	ppb
Iron	56-2	13002.14	13048.06	13148.67	13066.29	0.57	ppb
Iron	57-2	12595.65	12695.32	12907.78	12732.92	1.25	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 17:20:12	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1457.38	1467.12	1293.40	1405.97	6.94	ppb
Lead	207-1	1464.27	1459.22	1305.15	1409.55	6.42	ppb
Lead	208-1	1448.64	1457.04	1299.07	1401.58	6.34	ppb
Lithium	6-1				96		%
Magnesium	24-2	25744.52	25658.79	25889.16	25764.16	0.45	ppb
Manganese	55-2	2547.73	2553.25	2551.30	2550.76	0.11	ppb
Molybdenum	94-1	1468.39	1534.29	1316.75	1439.81	7.75	ppb
Molybdenum	95-1	1464.29	1528.35	1301.85	1431.50	8.16	ppb
Molybdenum	96-1	1435.33	1521.41	1285.63	1414.12	8.44	ppb
Molybdenum	97-1	1435.85	1548.23	1310.68	1431.58	8.30	ppb
Molybdenum	98-1	1426.13	1535.60	1305.65	1422.46	8.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	255.91	252.33	254.96	254.40	0.73	ppb
Phosphorus	31-2	4735.28	4987.67	5054.19	4925.71	3.42	ppb
Potassium	39-2	12658.91	12736.73	12704.74	12700.13	0.31	ppb
Rhodium	103-1				88		%
Rhodium	103-2				101		%
Scandium	45-1				92		%
Scandium	45-2				103		%
Selenium	82-1	286.30	310.77	264.35	287.14	8.09	ppb
Selenium	77-2	228.82	239.97	267.98	245.59	8.21	ppb
Selenium	78-2	262.80	256.58	245.86	255.08	3.36	ppb
Silicon	28-1	911.68	1337.74	354.51	867.98	56.81	ppb
Silver	107-1	296.70	308.89	266.89	290.82	7.43	ppb
Silver	109-1	303.35	308.38	267.48	293.07	7.61	ppb
Sodium	23-2	25838.05	25402.13	25843.08	25694.42	0.99	ppb
Strontium	86-1	2890.05	3071.22	2607.46	2856.24	8.18	ppb
Strontium	88-1	2852.73	3032.37	2588.83	2824.64	7.90	ppb
Sulfur	34-1	7775.86	9500.89	5394.99	7557.25	27.28	ppb
Terbium	159-1				93		%
Terbium	159-2				105		%
Thallium	203-1	280.15	281.28	250.74	270.72	6.40	ppb
Thallium	205-1	292.78	292.32	250.59	278.57	8.70	ppb
Tin	118-1	296.14	299.94	263.67	286.58	6.96	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 17:20:12	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1442.82	1569.03	1310.34	1440.73	8.98	ppb
Uranium	238-1	287.55	296.20	260.88	281.55	6.54	ppb
Vanadium	51-2	249.24	251.08	249.42	249.91	0.41	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				92		%
Yttrium	89-2				102		%
Zinc	66-2	2514.80	2499.29	2512.49	2508.86	0.33	ppb
Zirconium	90-1	287.51	304.91	260.72	284.38	7.83	ppb
Zirconium	91-1	283.29	295.86	253.18	277.44	7.90	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 17:23:16	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10189.15	10034.68	10039.28	10087.70	0.87	ppb
Antimony	121-1	504.56	513.02	517.31	511.63	1.27	ppb
Arsenic	75-2	509.69	494.02	499.14	500.95	1.60	ppb
Barium	135-1	2529.92	2607.14	2516.78	2551.28	1.91	ppb
Barium	137-1	2491.56	2639.99	2541.60	2557.72	2.95	ppb
Beryllium	9-1	503.61	495.30	496.63	498.51	0.90	ppb
Bismuth	209-1				106		%
Bismuth	209-2				107		%
Boron	10-1	468.59	488.15	520.89	492.54	5.37	ppb
Boron	11-1	465.52	488.24	514.02	489.26	4.96	ppb
Bromine	81-1						cps
Cadmium	111-1	499.04	523.89	520.78	514.57	2.63	ppb
Cadmium	106-1	503.92	523.85	515.26	514.34	1.94	ppb
Cadmium	108-1	504.53	522.32	520.54	515.80	1.90	ppb
Calcium	43-1	44501.37	43685.00	44233.29	44139.89	0.94	ppb
Calcium	44-1	48491.87	46365.96	47511.56	47456.46	2.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	507.77	499.25	503.95	503.66	0.85	ppb
Cobalt	59-2	495.54	488.78	493.83	492.72	0.71	ppb
Copper	63-2	5116.87	4999.71	4962.98	5026.52	1.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				109		%
Indium	115-1				100		%
Indium	115-2				104		%
Iron	54-2	26386.08	26123.70	26192.19	26233.99	0.52	ppb
Iron	56-2	26387.77	25708.70	26151.63	26082.70	1.32	ppb
Iron	57-2	25696.19	25545.87	25707.89	25649.99	0.35	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 17:23:16	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2481.90	2478.52	2475.11	2478.51	0.14	ppb
Lead	207-1	2481.61	2499.69	2489.25	2490.18	0.36	ppb
Lead	208-1	2477.34	2503.70	2504.37	2495.14	0.62	ppb
Lithium	6-1				108		%
Magnesium	24-2	51391.27	51212.14	50919.52	51174.31	0.47	ppb
Manganese	55-2	5109.25	5018.79	5047.48	5058.50	0.91	ppb
Molybdenum	94-1	2518.67	2524.36	2518.25	2520.43	0.14	ppb
Molybdenum	95-1	2490.87	2539.47	2527.02	2519.12	1.00	ppb
Molybdenum	96-1	2496.28	2517.32	2503.06	2505.55	0.43	ppb
Molybdenum	97-1	2480.12	2536.91	2501.83	2506.28	1.14	ppb
Molybdenum	98-1	2462.79	2468.84	2528.80	2486.81	1.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	506.91	501.03	508.65	505.53	0.79	ppb
Phosphorus	31-2	10238.06	9970.66	10297.69	10168.80	1.71	ppb
Potassium	39-2	25621.07	25533.64	24970.61	25375.10	1.39	ppb
Rhodium	103-1				99		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				106		%
Selenium	82-1	500.85	510.21	503.64	504.90	0.95	ppb
Selenium	77-2	513.20	519.99	517.71	516.97	0.67	ppb
Selenium	78-2	502.51	502.88	524.96	510.11	2.52	ppb
Silicon	28-1	408.27	366.83	348.58	374.56	8.17	ppb
Silver	107-1	508.54	528.82	520.72	519.36	1.96	ppb
Silver	109-1	500.09	528.21	525.59	517.97	3.00	ppb
Sodium	23-2	51520.64	51082.75	51292.72	51298.70	0.43	ppb
Strontium	86-1	5006.72	5078.36	4976.57	5020.55	1.04	ppb
Strontium	88-1	4956.01	4978.11	5039.89	4991.34	0.87	ppb
Sulfur	34-1	10058.74	9595.87	9381.75	9678.79	3.58	ppb
Terbium	159-1				105		%
Terbium	159-2				110		%
Thallium	203-1	495.84	496.84	483.57	492.08	1.50	ppb
Thallium	205-1	514.21	506.13	494.68	505.01	1.94	ppb
Tin	118-1	493.45	508.59	519.95	507.33	2.62	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 17:23:16	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2585.86	2458.96	2527.78	2524.20	2.52	ppb
Uranium	238-1	491.95	500.05	493.25	495.08	0.88	ppb
Vanadium	51-2	509.36	501.80	497.95	503.04	1.15	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				105		%
Zinc	66-2	5024.09	4930.11	4987.63	4980.61	0.95	ppb
Zirconium	90-1	493.56	498.13	504.21	498.63	1.07	ppb
Zirconium	91-1	483.62	495.81	490.54	489.99	1.25	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 17:26:21	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19948.04	20143.47	19960.14	20017.22	0.55	ppb
Antimony	121-1	988.32	977.58	987.65	984.52	0.61	ppb
Arsenic	75-2	997.06	1001.57	1001.44	1000.02	0.26	ppb
Barium	135-1	4975.70	4951.29	4875.90	4934.29	1.05	ppb
Barium	137-1	4898.75	4932.69	4937.74	4923.06	0.43	ppb
Beryllium	9-1	991.95	990.60	993.88	992.14	0.17	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Boron	10-1	950.94	1002.36	1045.85	999.72	4.75	ppb
Boron	11-1	962.43	997.47	1044.25	1001.38	4.10	ppb
Bromine	81-1						cps
Cadmium	111-1	981.06	980.26	979.56	980.29	0.08	ppb
Cadmium	106-1	976.71	977.52	985.12	979.78	0.47	ppb
Cadmium	108-1	979.24	983.88	979.36	980.82	0.27	ppb
Calcium	43-1	90672.99	88857.76	91365.25	90298.66	1.43	ppb
Calcium	44-1	93909.80	92046.97	93775.50	93244.09	1.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	999.37	1007.47	985.90	997.58	1.09	ppb
Cobalt	59-2	1001.10	1010.39	1001.69	1004.39	0.52	ppb
Copper	63-2	10006.92	10045.30	9856.15	9969.45	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				107		%
Holmium	165-2				106		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	54-2	53606.35	52852.64	53278.20	53245.73	0.71	ppb
Iron	56-2	51199.68	51737.63	51744.77	51560.69	0.61	ppb
Iron	57-2	50377.89	51019.90	50018.88	50472.23	1.00	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 17:26:21	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4853.62	5009.06	5064.21	4975.63	2.19	ppb
Lead	207-1	4876.64	5031.21	4997.47	4968.44	1.64	ppb
Lead	208-1	4957.65	5004.01	4934.26	4965.31	0.71	ppb
Lithium	6-1				108		%
Magnesium	24-2	101560.50	102142.37	102278.80	101993.89	0.37	ppb
Manganese	55-2	10008.49	9955.76	9913.95	9959.40	0.48	ppb
Molybdenum	94-1	4936.48	4907.90	4977.17	4940.51	0.70	ppb
Molybdenum	95-1	4961.39	4872.14	4997.57	4943.70	1.31	ppb
Molybdenum	96-1	4978.94	4872.53	5012.21	4954.56	1.47	ppb
Molybdenum	97-1	4929.16	4908.61	5013.76	4950.51	1.13	ppb
Molybdenum	98-1	5005.35	4871.14	5011.82	4962.77	1.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	989.25	1006.49	991.33	995.69	0.95	ppb
Phosphorus	31-2	19691.98	20767.35	19354.31	19937.88	3.70	ppb
Potassium	39-2	50554.06	50042.19	50516.45	50370.90	0.57	ppb
Rhodium	103-1				97		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	82-1	987.24	969.63	1005.52	987.46	1.82	ppb
Selenium	77-2	958.72	978.39	1036.25	991.12	4.07	ppb
Selenium	78-2	1008.61	997.11	975.12	993.61	1.71	ppb
Silicon	28-1	887.29	864.48	1048.49	933.42	10.75	ppb
Silver	107-1	982.40	976.10	979.33	979.27	0.32	ppb
Silver	109-1	987.10	979.80	970.91	979.27	0.83	ppb
Sodium	23-2	101951.64	101785.03	100780.03	101505.56	0.62	ppb
Strontium	86-1	9953.17	9694.10	10036.40	9894.56	1.80	ppb
Strontium	88-1	10011.32	9788.49	9962.80	9920.87	1.18	ppb
Sulfur	34-1	19587.52	18969.99	20270.28	19609.26	3.32	ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	974.63	1009.80	1013.00	999.14	2.13	ppb
Thallium	205-1	960.99	1000.43	1010.49	990.64	2.64	ppb
Tin	118-1	995.12	987.00	978.78	986.97	0.83	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 17:26:21	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4907.30	4889.10	5016.53	4937.64	1.40	ppb
Uranium	238-1	976.05	995.88	1014.20	995.38	1.92	ppb
Vanadium	51-2	998.17	1003.30	993.85	998.44	0.47	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	10131.66	10076.24	9807.96	10005.29	1.73	ppb
Zirconium	90-1	992.63	987.63	996.12	992.13	0.43	ppb
Zirconium	91-1	1001.86	979.71	1013.94	998.50	1.74	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 17:29:24	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	101531.98	98813.06	99612.18	99985.74	1.40	ppb
Antimony	121-1	0.67	0.72	0.70	0.70	3.61	ppb
Arsenic	75-2	0.48	0.37	0.33	0.40	19.47	ppb
Barium	135-1	2.38	2.49	2.30	2.39	4.10	ppb
Barium	137-1	2.47	2.38	2.28	2.38	4.08	ppb
Beryllium	9-1	0.28	0.24	0.22	0.25	11.28	ppb
Bismuth	209-1				107		%
Bismuth	209-2				100		%
Boron	10-1	116.85	103.63	87.66	102.71	14.23	ppb
Boron	11-1	116.56	102.33	88.20	102.36	13.86	ppb
Bromine	81-1						cps
Cadmium	111-1	0.38	0.18	0.20	0.25	44.12	ppb
Cadmium	106-1	2.60	-0.94	0.22	0.63	288.00	ppb
Cadmium	108-1	1.16	1.60	1.05	1.27	22.85	ppb
Calcium	43-1	516075.20	512819.44	478768.84	502554.50	4.11	ppb
Calcium	44-1	512832.30	513574.12	478194.91	501533.78	4.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.09	2.16	2.15	2.13	1.64	ppb
Cobalt	59-2	1.41	1.42	1.39	1.41	0.96	ppb
Copper	63-2	2.96	2.72	2.54	2.74	7.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				109		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	54-2	252072.91	251102.67	244391.50	249189.03	1.68	ppb
Iron	56-2	256573.99	245516.23	246534.57	249541.59	2.45	ppb
Iron	57-2	255275.69	249335.14	244862.11	249824.31	2.09	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 17:29:24	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	3.50	3.32	2.99	3.27	7.97	ppb
Lead	207-1	3.47	3.38	2.95	3.27	8.44	ppb
Lead	208-1	3.44	3.38	2.94	3.25	8.33	ppb
Lithium	6-1				111		%
Magnesium	24-2	504293.72	501481.14	492536.16	499437.01	1.23	ppb
Manganese	55-2	5.56	5.68	5.80	5.68	2.16	ppb
Molybdenum	94-1	2.22	1.99	1.74	1.98	12.20	ppb
Molybdenum	95-1	2.10	1.98	1.81	1.96	7.37	ppb
Molybdenum	96-1	3.45	3.26	2.93	3.21	8.29	ppb
Molybdenum	97-1	2.27	2.20	1.73	2.07	14.35	ppb
Molybdenum	98-1	1.98	1.87	1.62	1.83	10.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.71	1.47	1.37	1.52	11.64	ppb
Phosphorus	31-2	18.17	16.84	16.94	17.32	4.26	ppb
Potassium	39-2	256392.37	247283.52	245948.57	249874.82	2.27	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				111		%
Scandium	45-2				104		%
Selenium	82-1	1.68	1.90	1.56	1.71	9.92	ppb
Selenium	77-2	0.00	0.00	3.14	1.05	173.21	ppb
Selenium	78-2	0.38	0.90	0.12	0.47	85.70	ppb
Silicon	28-1	-444.16	-548.29	-730.58	-574.34		ppb
Silver	107-1	0.45	0.41	0.44	0.44	5.84	ppb
Silver	109-1	0.50	0.42	0.46	0.46	8.46	ppb
Sodium	23-2	502615.82	504779.61	491192.63	499529.35	1.46	ppb
Strontium	86-1	4.45	3.85	3.83	4.04	8.73	ppb
Strontium	88-1	4.64	4.32	3.97	4.31	7.80	ppb
Sulfur	34-1	-3180.14	-3354.11	-3931.42	-3488.55		ppb
Terbium	159-1				114		%
Terbium	159-2				109		%
Thallium	203-1	0.32	0.32	0.21	0.29	22.09	ppb
Thallium	205-1	1.24	1.12	0.93	1.10	14.03	ppb
Tin	118-1	0.38	0.44	0.40	0.41	7.20	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 17:29:24	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.67	1.27	1.00	1.31	25.74	ppb
Uranium	238-1	0.32	0.29	0.27	0.30	8.52	ppb
Vanadium	51-2	0.33	0.28	0.24	0.28	15.45	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				105		%
Zinc	66-2	14.80	15.51	14.97	15.10	2.47	ppb
Zirconium	90-1	0.35	0.30	0.29	0.31	9.22	ppb
Zirconium	91-1	0.31	0.30	0.31	0.31	2.69	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 18:10:38	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	533.70	528.58	520.46	527.58	1.27	ppb
Antimony	121-1	182.30	193.39	208.71	194.80	6.81	ppb
Arsenic	75-2	211.91	205.98	206.33	208.07	1.60	ppb
Barium	135-1	92.43	94.97	102.78	96.73	5.58	ppb
Barium	137-1	94.20	98.28	104.80	99.10	5.39	ppb
Beryllium	9-1	95.49	98.82	102.42	98.91	3.51	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	407.40	464.57	523.84	465.27	12.51	ppb
Boron	11-1	410.83	468.63	529.35	469.60	12.62	ppb
Bromine	81-1						cps
Cadmium	111-1	100.05	105.90	112.84	106.26	6.02	ppb
Cadmium	106-1	147.09	159.44	173.07	159.87	8.13	ppb
Cadmium	108-1	136.95	137.85	145.95	140.25	3.53	ppb
Calcium	43-1	2324.23	2511.44	2594.55	2476.74	5.59	ppb
Calcium	44-1	1851.27	2057.08	2099.61	2002.66	6.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	105.07	102.51	101.61	103.06	1.74	ppb
Cobalt	59-2	103.15	101.53	99.97	101.55	1.56	ppb
Copper	63-2	105.03	103.74	102.08	103.62	1.43	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				102		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	54-2	2147.21	2107.80	2091.62	2115.54	1.35	ppb
Iron	56-2	2160.82	2135.36	2102.18	2132.78	1.38	ppb
Iron	57-2	2043.46	2074.97	2059.38	2059.27	0.77	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 18:10:38	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	189.36	208.79	202.20	200.11	4.94	ppb
Lead	207-1	180.67	206.69	199.91	195.76	6.89	ppb
Lead	208-1	179.00	206.43	202.24	195.89	7.54	ppb
Lithium	6-1				108		%
Magnesium	24-2	1202.59	1192.82	1170.70	1188.70	1.37	ppb
Manganese	55-2	99.10	98.12	96.76	97.99	1.20	ppb
Molybdenum	94-1	2363.26	2478.54	2655.58	2499.13	5.89	ppb
Molybdenum	95-1	2342.50	2484.86	2582.42	2469.93	4.89	ppb
Molybdenum	96-1	2374.28	2502.30	2560.46	2479.02	3.84	ppb
Molybdenum	97-1	2343.04	2519.41	2616.84	2493.09	5.57	ppb
Molybdenum	98-1	2353.71	2493.49	2577.70	2474.97	4.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	107.71	104.41	104.14	105.42	1.88	ppb
Phosphorus	31-2	28.30	-16.08	-6.06	2.05	1134.55	ppb
Potassium	39-2	1985.98	1998.36	1980.83	1988.39	0.45	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	82-1	176.88	189.58	197.40	187.95	5.51	ppb
Selenium	77-2	214.69	224.01	227.19	221.96	2.93	ppb
Selenium	78-2	223.50	205.62	211.72	213.61	4.25	ppb
Silicon	28-1	-553.27	-172.45	338.22	-129.17		ppb
Silver	107-1	46.58	47.39	51.23	48.40	5.14	ppb
Silver	109-1	45.94	49.12	51.70	48.92	5.90	ppb
Sodium	23-2	2054.90	2053.31	2030.80	2046.34	0.66	ppb
Strontium	86-1	4680.75	5032.81	5201.13	4971.56	5.34	ppb
Strontium	88-1	4684.90	4995.37	5142.11	4940.79	4.72	ppb
Sulfur	34-1	-2439.35	-1295.71	-134.61	-1289.89		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	191.60	214.67	211.09	205.79	6.03	ppb
Thallium	205-1	195.48	217.54	214.00	209.01	5.67	ppb
Tin	118-1	469.33	481.72	524.41	491.82	5.88	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 18:10:38	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2285.00	2489.35	2548.58	2440.98	5.67	ppb
Uranium	238-1	465.29	501.16	506.61	491.02	4.57	ppb
Vanadium	51-2	102.37	99.64	97.09	99.70	2.65	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	202.93	198.40	199.69	200.34	1.17	ppb
Zirconium	90-1	472.56	513.90	528.55	505.00	5.75	ppb
Zirconium	91-1	459.63	498.29	516.38	491.43	5.90	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 18:26:59	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.31	21.43	19.83	20.52	3.99	ppb
Antimony	121-1	2.16	2.05	1.94	2.05	5.34	ppb
Arsenic	75-2	1.11	1.10	1.00	1.07	6.09	ppb
Barium	135-1	10.77	9.89	10.04	10.23	4.60	ppb
Barium	137-1	10.89	10.10	9.81	10.26	5.45	ppb
Beryllium	9-1	1.03	1.07	1.05	1.05	1.99	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Boron	10-1	27.86	27.64	29.51	28.34	3.61	ppb
Boron	11-1	26.90	28.63	30.80	28.77	6.79	ppb
Bromine	81-1						cps
Cadmium	111-1	1.05	0.88	0.89	0.94	10.35	ppb
Cadmium	106-1	-0.26	-1.33	0.49	-0.36		ppb
Cadmium	108-1	0.54	1.12	0.37	0.68	58.24	ppb
Calcium	43-1	521.09	517.04	495.38	511.17	2.70	ppb
Calcium	44-1	531.32	508.83	519.69	519.95	2.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.10	2.00	2.08	2.06	2.70	ppb
Cobalt	59-2	0.93	0.99	1.02	0.98	4.63	ppb
Copper	63-2	1.80	2.06	1.83	1.90	7.26	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	50.58	57.04	55.36	54.33	6.17	ppb
Iron	56-2	53.92	53.82	52.98	53.57	0.96	ppb
Iron	57-2	48.07	51.32	48.84	49.41	3.44	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 18:26:59	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.98	1.04	0.83	0.95	11.36	ppb
Lead	207-1	1.07	1.01	1.01	1.03	3.27	ppb
Lead	208-1	1.00	0.99	1.02	1.01	1.36	ppb
Lithium	6-1				101		%
Magnesium	24-2	500.94	510.53	502.49	504.65	1.02	ppb
Manganese	55-2	1.13	0.92	0.94	1.00	11.65	ppb
Molybdenum	94-1	5.20	5.38	4.92	5.16	4.45	ppb
Molybdenum	95-1	5.02	5.16	4.93	5.04	2.29	ppb
Molybdenum	96-1	5.24	5.17	4.77	5.06	4.96	ppb
Molybdenum	97-1	5.31	4.89	4.82	5.01	5.31	ppb
Molybdenum	98-1	4.99	4.80	4.96	4.92	2.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.24	1.18	1.07	1.16	7.59	ppb
Phosphorus	31-2	25.33	-5.05	-6.70	4.53	398.42	ppb
Potassium	39-2	518.95	522.69	486.19	509.28	3.94	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	82-1	5.38	6.99	5.08	5.82	17.63	ppb
Selenium	77-2	3.46	11.96	4.90	6.77	67.21	ppb
Selenium	78-2	8.42	4.80	6.60	6.60	27.41	ppb
Silicon	28-1	-10.79	-221.22	223.15	-2.95		ppb
Silver	107-1	1.04	0.99	1.09	1.04	4.70	ppb
Silver	109-1	1.14	0.98	0.98	1.03	9.13	ppb
Sodium	23-2	523.55	531.66	523.24	526.15	0.91	ppb
Strontium	86-1	1.10	1.17	0.78	1.02	20.63	ppb
Strontium	88-1	1.03	1.06	1.01	1.03	2.39	ppb
Sulfur	34-1	-680.82	-955.83	-143.55	-593.40		ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	0.75	0.85	0.74	0.78	7.50	ppb
Thallium	205-1	1.06	1.04	1.08	1.06	2.09	ppb
Tin	118-1	5.46	4.85	4.79	5.03	7.40	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 18:26:59	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.52	5.78	5.30	5.53	4.30	ppb
Uranium	238-1	0.99	0.94	0.88	0.93	5.90	ppb
Vanadium	51-2	5.45	5.34	4.94	5.24	5.05	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	2.05	2.17	2.24	2.15	4.53	ppb
Zirconium	90-1	1.06	0.98	0.99	1.01	4.57	ppb
Zirconium	91-1	1.06	1.14	0.92	1.04	10.84	ppb

LB Number : LB115166 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-06-23 18:33:18 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.53	-0.86	-1.09	-0.83		ppb
Antimony	121-1	0.00	0.00	0.00	0.00		ppb
Arsenic	75-2	-0.05	0.01	-0.01	-0.02		ppb
Barium	135-1	-0.01	-0.01	0.00	-0.01		ppb
Barium	137-1	-0.02	-0.01	0.00	-0.01		ppb
Beryllium	9-1	-0.01	0.00	-0.01	-0.01		ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	10-1	6.49	4.95	5.52	5.66	13.80	ppb
Boron	11-1	6.07	5.53	6.44	6.01	7.59	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	0.05	-0.04	0.00	1193.97	ppb
Cadmium	106-1	-0.12	0.62	-0.80	-0.10		ppb
Cadmium	108-1	-0.44	-0.32	-0.18	-0.31		ppb
Calcium	43-1	-0.15	-0.44	1.82	0.41	300.15	ppb
Calcium	44-1	-2.21	-2.10	3.94	-0.12		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	0.05	-0.02	0.00	871.51	ppb
Cobalt	59-2	-0.03	-0.01	-0.02	-0.02		ppb
Copper	63-2	-0.03	-0.01	-0.03	-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				98		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				100		%
Iron	54-2	2.81	0.44	1.60	1.62	73.22	ppb
Iron	56-2	1.03	0.86	0.96	0.95	9.37	ppb
Iron	57-2	0.67	1.25	-0.95	0.32	354.18	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 18:33:18	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	-0.01	-0.02	0.00		ppb
Lead	207-1	0.02	0.02	-0.01	0.01	150.98	ppb
Lead	208-1	0.00	0.02	0.00	0.00	230.37	ppb
Lithium	6-1				103		%
Magnesium	24-2	0.03	-0.53	-1.26	-0.58		ppb
Manganese	55-2	-0.01	0.01	-0.01	0.00		ppb
Molybdenum	94-1	-0.01	-0.04	0.01	-0.01		ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	3655.07	ppb
Molybdenum	96-1	0.00	0.01	0.02	0.01	121.55	ppb
Molybdenum	97-1	0.01	0.00	0.00	0.00	146.81	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.02	0.00	0.01	101.94	ppb
Phosphorus	31-2	24.78	22.23	-2.41	14.86	101.03	ppb
Potassium	39-2	-4.64	-12.17	-8.79	-8.53		ppb
Rhodium	103-1				97		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				103		%
Selenium	82-1	-0.27	-1.02	0.86	-0.15		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.17	-0.08	0.41	-0.28		ppb
Silicon	28-1	-116.01	-135.16	400.31	49.71	611.09	ppb
Silver	107-1	0.00	0.01	0.01	0.01	128.38	ppb
Silver	109-1	0.01	0.01	0.01	0.01	28.13	ppb
Sodium	23-2	5.74	5.31	4.41	5.15	13.24	ppb
Strontium	86-1	-0.03	0.02	-0.04	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	525.50	ppb
Sulfur	34-1	-823.05	-842.24	282.08	-461.07		ppb
Terbium	159-1				98		%
Terbium	159-2				101		%
Thallium	203-1	-0.17	-0.20	-0.17	-0.18		ppb
Thallium	205-1	-0.10	-0.11	-0.10	-0.11		ppb
Tin	118-1	0.05	0.03	0.02	0.04	38.29	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 18:33:18	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.12	0.06	0.00	0.06	107.53	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	-0.22	0.01	0.05	-0.05		ppb
Zirconium	90-1	0.00	-0.01	-0.01	0.00		ppb
Zirconium	91-1	0.04	0.02	0.02	0.03	42.95	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 18:36:23	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92565.87	81810.41	90232.24	88202.84	6.41	ppb
Antimony	121-1	1.12	1.15	1.05	1.11	4.49	ppb
Arsenic	75-2	0.27	0.17	0.23	0.22	22.90	ppb
Barium	135-1	1.44	1.44	1.33	1.40	4.32	ppb
Barium	137-1	1.33	1.20	1.38	1.31	7.16	ppb
Beryllium	9-1	0.26	0.27	0.22	0.25	10.52	ppb
Bismuth	209-1				108		%
Bismuth	209-2				112		%
Boron	10-1	5.88	5.82	5.70	5.80	1.57	ppb
Boron	11-1	5.76	5.36	4.62	5.25	11.06	ppb
Bromine	81-1						cps
Cadmium	111-1	0.34	0.29	0.25	0.29	14.94	ppb
Cadmium	106-1	-1.12	-0.32	-1.00	-0.81		ppb
Cadmium	108-1	11.01	9.64	9.01	9.89	10.35	ppb
Calcium	43-1	102319.17	104210.78	102102.18	102877.37	1.13	ppb
Calcium	44-1	100656.77	102175.21	101968.43	101600.14	0.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.55	17.08	19.64	18.76	7.74	ppb
Cobalt	59-2	1.02	1.00	1.12	1.05	5.87	ppb
Copper	63-2	7.39	6.31	7.38	7.03	8.85	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				116		%
Indium	115-1				105		%
Indium	115-2				110		%
Iron	54-2	100903.35	88189.08	98651.11	95914.51	7.07	ppb
Iron	56-2	100204.17	88562.68	98362.86	95709.90	6.54	ppb
Iron	57-2	101425.38	90259.97	100634.42	97439.92	6.39	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 18:36:23	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	6.14	6.77	6.74	6.55	5.37	ppb
Lead	207-1	5.74	6.32	5.97	6.01	4.90	ppb
Lead	208-1	5.69	6.33	5.92	5.98	5.43	ppb
Lithium	6-1				113		%
Magnesium	24-2	94012.85	81900.01	91125.11	89012.66	7.11	ppb
Manganese	55-2	7.01	6.00	6.74	6.58	7.95	ppb
Molybdenum	94-1	1320.75	1293.97	1279.36	1298.03	1.62	ppb
Molybdenum	95-1	1834.54	1857.15	1815.16	1835.62	1.14	ppb
Molybdenum	96-1	1775.18	1795.16	1766.94	1779.09	0.82	ppb
Molybdenum	97-1	1873.84	1856.10	1824.60	1851.51	1.35	ppb
Molybdenum	98-1	1839.68	1838.59	1817.93	1832.06	0.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.00	4.57	4.98	4.85	4.95	ppb
Phosphorus	31-2	95636.28	83534.72	94194.07	91121.69	7.25	ppb
Potassium	39-2	96570.30	84350.39	95343.18	92087.96	7.31	ppb
Rhodium	103-1				102		%
Rhodium	103-2				110		%
Scandium	45-1				110		%
Scandium	45-2				114		%
Selenium	82-1	1.33	-0.88	-0.48	-0.01		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.40	-1.72	-0.49	-0.87		ppb
Silicon	28-1	-399.77	-456.63	-390.47	-415.62		ppb
Silver	107-1	0.03	0.05	0.04	0.04	26.09	ppb
Silver	109-1	0.03	0.02	0.03	0.03	9.31	ppb
Sodium	23-2	98777.55	85681.42	95169.61	93209.53	7.26	ppb
Strontium	86-1	33.86	33.33	32.27	33.16	2.44	ppb
Strontium	88-1	33.64	33.35	32.64	33.21	1.56	ppb
Sulfur	34-1	82125.52	78841.82	78702.54	79889.96	2.42	ppb
Terbium	159-1				110		%
Terbium	159-2				115		%
Thallium	203-1	0.09	0.22	0.31	0.20	54.82	ppb
Thallium	205-1	0.14	0.31	0.34	0.26	41.45	ppb
Tin	118-1	0.13	0.24	0.26	0.21	32.48	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 18:36:23	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1963.67	1975.61	1973.80	1971.03	0.33	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	20.08	ppb
Vanadium	51-2	0.14	0.10	0.11	0.12	17.21	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				112		%
Zinc	66-2	9.82	9.13	11.03	10.00	9.65	ppb
Zirconium	90-1	0.03	0.02	0.01	0.02	50.84	ppb
Zirconium	91-1	0.02	0.06	0.03	0.04	68.41	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 18:39:18	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	95488.78	101730.80	97182.30	98133.96	3.29	ppb
Antimony	121-1	19.69	20.44	20.73	20.29	2.65	ppb
Arsenic	75-2	20.58	21.85	20.88	21.11	3.14	ppb
Barium	135-1	20.37	19.29	20.88	20.18	4.03	ppb
Barium	137-1	20.05	20.80	21.91	20.92	4.47	ppb
Beryllium	9-1	19.51	19.80	19.39	19.57	1.10	ppb
Bismuth	209-1				109		%
Bismuth	209-2				101		%
Boron	10-1	55.79	60.48	60.95	59.07	4.83	ppb
Boron	11-1	56.28	61.51	60.41	59.40	4.64	ppb
Bromine	81-1						cps
Cadmium	111-1	18.94	20.13	20.44	19.83	3.99	ppb
Cadmium	106-1	22.02	24.43	22.93	23.13	5.28	ppb
Cadmium	108-1	29.74	28.42	28.78	28.98	2.35	ppb
Calcium	43-1	102083.99	102300.76	100331.70	101572.15	1.06	ppb
Calcium	44-1	101118.77	101366.28	100363.06	100949.37	0.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.63	42.76	40.44	40.61	5.09	ppb
Cobalt	59-2	20.09	22.15	20.91	21.05	4.92	ppb
Copper	63-2	26.67	28.98	28.25	27.97	4.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				101		%
Iron	54-2	101480.03	111138.48	104332.90	105650.47	4.70	ppb
Iron	56-2	99578.44	109895.57	104588.33	104687.44	4.93	ppb
Iron	57-2	101487.60	110299.78	107426.62	106404.67	4.22	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 18:39:18	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	23.73	23.65	23.52	23.63	0.44	ppb
Lead	207-1	22.50	22.95	22.58	22.67	1.07	ppb
Lead	208-1	21.97	22.43	22.26	22.22	1.03	ppb
Lithium	6-1				115		%
Magnesium	24-2	93654.79	101964.98	96620.69	97413.49	4.32	ppb
Manganese	55-2	25.71	28.15	27.45	27.10	4.64	ppb
Molybdenum	94-1	1394.52	1370.21	1406.22	1390.32	1.32	ppb
Molybdenum	95-1	1850.91	1830.37	1888.51	1856.59	1.59	ppb
Molybdenum	96-1	1797.66	1755.98	1808.38	1787.34	1.55	ppb
Molybdenum	97-1	1846.09	1829.54	1895.57	1857.07	1.85	ppb
Molybdenum	98-1	1830.23	1813.14	1862.03	1835.13	1.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.00	26.88	26.15	25.67	5.82	ppb
Phosphorus	31-2	96329.49	103310.80	99310.59	99650.29	3.52	ppb
Potassium	39-2	97656.98	105407.17	99398.32	100820.83	4.03	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				111		%
Scandium	45-2				105		%
Selenium	82-1	19.62	18.89	19.30	19.27	1.90	ppb
Selenium	77-2	10.81	21.89	11.22	14.64	42.92	ppb
Selenium	78-2	20.45	22.16	21.90	21.50	4.29	ppb
Silicon	28-1	-318.25	-454.06	-337.36	-369.89		ppb
Silver	107-1	18.04	18.73	18.86	18.54	2.37	ppb
Silver	109-1	18.17	18.02	19.27	18.49	3.68	ppb
Sodium	23-2	99360.59	108265.70	102494.75	103373.68	4.37	ppb
Strontium	86-1	85.11	85.96	87.32	86.13	1.30	ppb
Strontium	88-1	86.03	87.04	86.89	86.65	0.62	ppb
Sulfur	34-1	79563.94	80831.09	76586.88	78993.97	2.76	ppb
Terbium	159-1				112		%
Terbium	159-2				106		%
Thallium	203-1	19.26	19.82	19.55	19.54	1.43	ppb
Thallium	205-1	19.64	19.85	19.99	19.83	0.90	ppb
Tin	118-1	49.19	49.37	51.01	49.86	2.02	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 18:39:18	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1959.90	2008.21	1986.44	1984.85	1.22	ppb
Uranium	238-1	51.50	50.88	51.28	51.22	0.62	ppb
Vanadium	51-2	19.37	21.60	20.12	20.37	5.56	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				103		%
Zinc	66-2	30.28	34.59	31.92	32.26	6.74	ppb
Zirconium	90-1	51.93	52.65	53.39	52.66	1.39	ppb
Zirconium	91-1	50.98	50.96	51.28	51.07	0.35	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P8
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 18:42:12	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51447.70	52752.89	50841.74	51680.78	1.89	ppb
Antimony	121-1	486.68	483.82	517.70	496.07	3.79	ppb
Arsenic	75-2	491.48	489.34	490.16	490.33	0.22	ppb
Barium	135-1	2528.70	2472.68	2643.40	2548.26	3.42	ppb
Barium	137-1	2502.97	2462.64	2595.70	2520.44	2.71	ppb
Beryllium	9-1	473.11	483.91	504.77	487.26	3.30	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	10-1	478.42	503.64	547.13	509.73	6.82	ppb
Boron	11-1	479.82	505.18	543.42	509.47	6.28	ppb
Bromine	81-1						cps
Cadmium	111-1	485.72	480.23	513.07	493.01	3.57	ppb
Cadmium	106-1	479.29	479.29	514.41	491.00	4.13	ppb
Cadmium	108-1	476.09	480.35	502.63	486.36	2.93	ppb
Calcium	43-1	250021.08	242432.21	269893.33	254115.54	5.58	ppb
Calcium	44-1	252101.61	245890.73	267997.47	255329.94	4.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	502.07	503.21	493.27	499.52	1.09	ppb
Cobalt	59-2	481.61	483.68	476.15	480.48	0.81	ppb
Copper	63-2	4823.23	4851.37	4723.85	4799.48	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				110		%
Holmium	165-2				109		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	54-2	129150.49	131994.58	128022.10	129722.39	1.58	ppb
Iron	56-2	127172.27	129695.52	125694.85	127520.88	1.59	ppb
Iron	57-2	129215.72	132448.13	129504.45	130389.44	1.37	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P8
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 18:42:12	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2529.47	2531.68	2583.39	2548.18	1.20	ppb
Lead	207-1	2504.04	2578.57	2522.16	2534.92	1.53	ppb
Lead	208-1	2474.54	2558.21	2521.93	2518.22	1.67	ppb
Lithium	6-1				113		%
Magnesium	24-2	258595.07	259856.18	256068.22	258173.16	0.75	ppb
Manganese	55-2	4987.88	5096.16	4886.70	4990.25	2.10	ppb
Molybdenum	94-1	2455.92	2417.91	2612.63	2495.49	4.14	ppb
Molybdenum	95-1	2418.69	2452.79	2582.86	2484.78	3.49	ppb
Molybdenum	96-1	2423.47	2459.57	2598.18	2493.74	3.70	ppb
Molybdenum	97-1	2444.73	2398.10	2614.36	2485.73	4.58	ppb
Molybdenum	98-1	2436.63	2435.07	2585.75	2485.82	3.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	481.08	484.98	474.53	480.20	1.10	ppb
Phosphorus	31-2	9792.67	10243.86	9906.84	9981.12	2.35	ppb
Potassium	39-2	126787.88	127013.76	125151.57	126317.74	0.80	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				109		%
Scandium	45-2				108		%
Selenium	82-1	473.84	471.09	500.95	481.96	3.42	ppb
Selenium	77-2	470.75	484.43	439.01	464.73	5.01	ppb
Selenium	78-2	476.06	479.54	484.12	479.91	0.84	ppb
Silicon	28-1	246.28	180.32	593.00	339.86	65.23	ppb
Silver	107-1	487.81	488.89	519.24	498.64	3.58	ppb
Silver	109-1	485.92	479.93	502.86	489.57	2.43	ppb
Sodium	23-2	256599.63	257982.26	252582.51	255721.47	1.10	ppb
Strontium	86-1	4873.28	4808.78	5102.21	4928.09	3.13	ppb
Strontium	88-1	4905.22	4852.17	5146.93	4968.11	3.16	ppb
Sulfur	34-1	8041.37	7648.65	8981.65	8223.89	8.33	ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	482.07	510.74	498.33	497.05	2.89	ppb
Thallium	205-1	507.50	517.41	520.15	515.02	1.29	ppb
Tin	118-1	493.75	485.91	516.68	498.78	3.21	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P8
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 18:42:12	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2582.05	2507.91	2607.40	2565.79	2.01	ppb
Uranium	238-1	515.75	517.98	521.21	518.31	0.53	ppb
Vanadium	51-2	499.29	509.86	498.02	502.39	1.29	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	4673.71	4746.80	4662.91	4694.47	0.97	ppb
Zirconium	90-1	493.29	491.40	522.57	502.42	3.48	ppb
Zirconium	91-1	480.18	483.01	515.29	492.83	3.96	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P8
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 18:51:24	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.65	0.82	1.76	1.08	55.55	ppb
Antimony	121-1	0.03	0.04	0.03	0.03	5.59	ppb
Arsenic	75-2	-0.03	-0.05	-0.04	-0.04		ppb
Barium	135-1	0.00	0.01	0.01	0.01	59.18	ppb
Barium	137-1	0.00	0.05	-0.01	0.01	268.11	ppb
Beryllium	9-1	0.00	0.01	0.01	0.01	68.48	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Boron	10-1	7.98	7.07	7.42	7.49	6.08	ppb
Boron	11-1	7.92	7.62	7.50	7.68	2.81	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.20	-0.03	-0.05	-0.09		ppb
Cadmium	106-1	-4.12	-1.11	-1.58	-2.27		ppb
Cadmium	108-1	-0.16	-0.27	-0.25	-0.23		ppb
Calcium	43-1	3.98	2.88	4.53	3.80	22.19	ppb
Calcium	44-1	6.87	10.16	13.43	10.16	32.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.08	0.06	-0.01	0.05	105.61	ppb
Cobalt	59-2	-0.04	-0.03	-0.04	-0.04		ppb
Copper	63-2	0.04	0.06	0.12	0.07	59.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				102		%
Iron	54-2	1.71	2.74	3.14	2.53	29.13	ppb
Iron	56-2	2.47	2.21	2.70	2.46	9.93	ppb
Iron	57-2	2.67	0.51	3.22	2.13	67.10	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P8
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 18:51:24	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.17	0.16	0.23	0.19	20.40	ppb
Lead	207-1	0.12	0.19	0.19	0.16	25.51	ppb
Lead	208-1	0.13	0.17	0.17	0.16	14.38	ppb
Lithium	6-1				107		%
Magnesium	24-2	3.10	3.48	3.52	3.37	6.96	ppb
Manganese	55-2	0.05	0.05	0.04	0.05	11.93	ppb
Molybdenum	94-1	0.08	0.07	0.14	0.09	44.16	ppb
Molybdenum	95-1	0.09	0.08	0.09	0.09	8.95	ppb
Molybdenum	96-1	0.05	0.07	0.04	0.06	30.97	ppb
Molybdenum	97-1	0.08	0.04	0.07	0.06	35.66	ppb
Molybdenum	98-1	0.07	0.06	0.07	0.06	9.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.02	0.03	0.02	35.06	ppb
Phosphorus	31-2	-7.26	17.19	-16.67	-2.25		ppb
Potassium	39-2	-5.98	7.46	12.56	4.68	204.60	ppb
Rhodium	103-1				99		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				105		%
Selenium	82-1	0.29	0.87	0.21	0.46	79.35	ppb
Selenium	77-2	0.00	0.00	3.22	1.07	173.21	ppb
Selenium	78-2	-0.45	-2.38	-0.28	-1.04		ppb
Silicon	28-1	-201.80	-87.03	349.00	20.06	1448.85	ppb
Silver	107-1	0.01	0.01	0.01	0.01	8.34	ppb
Silver	109-1	0.03	0.02	0.02	0.02	31.50	ppb
Sodium	23-2	37.41	37.44	37.43	37.43	0.04	ppb
Strontium	86-1	-0.16	-0.04	-0.05	-0.09		ppb
Strontium	88-1	0.07	0.06	0.06	0.06	7.36	ppb
Sulfur	34-1	-2912.67	-2448.24	-1608.93	-2323.28		ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	0.05	0.02	0.02	0.03	63.08	ppb
Thallium	205-1	0.06	0.08	0.10	0.08	25.90	ppb
Tin	118-1	0.03	0.00	0.00	0.01	195.09	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P8
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 18:51:24	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.16	0.02	0.22	0.13	79.40	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	15.81	ppb
Vanadium	51-2	0.01	-0.01	0.02	0.01	187.75	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				103		%
Zinc	66-2	-0.32	-0.03	0.17	-0.06		ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	60.29	ppb
Zirconium	91-1	0.05	0.01	0.05	0.04	52.82	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 18:54:28	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.13	22.16	20.89	21.73	3.32	ppb
Antimony	121-1	2.05	1.92	2.11	2.03	4.85	ppb
Arsenic	75-2	0.83	1.18	1.00	1.01	17.47	ppb
Barium	135-1	10.08	9.20	9.67	9.65	4.54	ppb
Barium	137-1	10.11	9.80	10.33	10.08	2.64	ppb
Beryllium	9-1	1.07	1.02	0.96	1.02	5.39	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Boron	10-1	26.15	26.90	30.45	27.83	8.26	ppb
Boron	11-1	27.03	28.12	29.77	28.31	4.87	ppb
Bromine	81-1						cps
Cadmium	111-1	1.25	1.05	1.07	1.12	9.56	ppb
Cadmium	106-1	3.07	0.25	-0.90	0.81	253.18	ppb
Cadmium	108-1	0.99	0.75	0.40	0.71	41.38	ppb
Calcium	43-1	504.58	509.04	504.40	506.01	0.52	ppb
Calcium	44-1	525.72	527.48	522.47	525.22	0.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.09	2.33	2.21	2.21	5.45	ppb
Cobalt	59-2	1.04	1.00	0.94	0.99	5.10	ppb
Copper	63-2	2.17	2.10	2.09	2.12	2.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	54-2	57.08	58.12	54.87	56.69	2.92	ppb
Iron	56-2	55.73	55.17	54.19	55.03	1.42	ppb
Iron	57-2	58.39	45.39	55.64	53.14	12.89	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 18:54:28	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.07	0.99	1.17	1.08	8.33	ppb
Lead	207-1	1.08	1.09	1.22	1.13	6.61	ppb
Lead	208-1	1.08	1.08	1.17	1.11	4.68	ppb
Lithium	6-1				109		%
Magnesium	24-2	531.87	524.34	507.56	521.26	2.39	ppb
Manganese	55-2	0.94	1.19	0.98	1.04	13.11	ppb
Molybdenum	94-1	5.01	4.84	5.12	4.99	2.88	ppb
Molybdenum	95-1	4.85	4.48	4.89	4.74	4.79	ppb
Molybdenum	96-1	4.82	4.74	5.28	4.95	5.85	ppb
Molybdenum	97-1	4.92	4.63	5.05	4.87	4.49	ppb
Molybdenum	98-1	4.72	5.01	5.03	4.92	3.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.23	1.13	1.22	1.19	4.35	ppb
Phosphorus	31-2	40.50	3.58	-7.98	12.03	210.48	ppb
Potassium	39-2	498.06	524.93	502.82	508.60	2.82	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	82-1	4.35	3.93	4.58	4.29	7.74	ppb
Selenium	77-2	6.74	6.57	6.26	6.52	3.69	ppb
Selenium	78-2	6.57	6.09	3.56	5.41	29.87	ppb
Silicon	28-1	-129.20	-79.14	212.04	1.23	14944.46	ppb
Silver	107-1	1.05	0.96	1.06	1.03	5.17	ppb
Silver	109-1	1.02	1.06	0.92	1.00	6.93	ppb
Sodium	23-2	573.38	549.46	541.39	554.74	3.00	ppb
Strontium	86-1	0.95	0.70	1.02	0.89	19.04	ppb
Strontium	88-1	0.96	1.03	1.03	1.01	4.11	ppb
Sulfur	34-1	-2590.61	-2244.06	-1677.72	-2170.80		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.89	0.94	0.90	0.91	3.02	ppb
Thallium	205-1	1.22	1.13	1.24	1.19	4.93	ppb
Tin	118-1	4.97	4.85	4.98	4.93	1.51	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 18:54:28	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.13	5.80	5.60	5.51	6.30	ppb
Uranium	238-1	0.89	0.85	0.93	0.89	4.45	ppb
Vanadium	51-2	5.04	5.31	5.14	5.16	2.67	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	2.29	2.18	1.93	2.13	8.61	ppb
Zirconium	90-1	1.01	0.98	1.03	1.01	2.23	ppb
Zirconium	91-1	0.92	0.97	0.97	0.95	3.33	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	M2262-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT2-	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 18:57:35	DataFile Name :	021AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.82	13.95	12.89	12.89	8.29	ppb
Antimony	121-1	0.68	0.66	0.71	0.68	3.38	ppb
Arsenic	75-2	0.61	0.66	0.64	0.64	3.97	ppb
Barium	135-1	3.28	3.47	3.42	3.39	2.83	ppb
Barium	137-1	3.14	3.53	3.19	3.29	6.37	ppb
Beryllium	9-1	0.62	0.63	0.67	0.64	3.71	ppb
Bismuth	209-1				109		%
Bismuth	209-2				101		%
Boron	10-1	7.96	6.44	6.44	6.95	12.61	ppb
Boron	11-1	7.66	6.78	7.20	7.21	6.11	ppb
Bromine	81-1						cps
Cadmium	111-1	0.62	0.81	0.57	0.67	18.51	ppb
Cadmium	106-1	-0.94	1.62	-1.53	-0.28		ppb
Cadmium	108-1	0.49	0.39	0.41	0.43	12.94	ppb
Calcium	43-1	57.53	56.88	62.87	59.09	5.56	ppb
Calcium	44-1	60.94	62.08	67.76	63.59	5.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.71	0.77	0.66	0.71	7.59	ppb
Cobalt	59-2	0.67	0.70	0.59	0.65	8.30	ppb
Copper	63-2	1.46	1.56	1.40	1.48	5.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				100		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	54-2	35.91	39.16	34.73	36.60	6.27	ppb
Iron	56-2	34.94	37.53	35.14	35.87	4.03	ppb
Iron	57-2	39.16	34.98	29.59	34.57	13.87	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	M2262-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT2-	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 18:57:35	DataFile Name :	021AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.72	0.72	0.61	0.69	9.01	ppb
Lead	207-1	0.67	0.75	0.69	0.70	6.18	ppb
Lead	208-1	0.70	0.72	0.72	0.71	1.36	ppb
Lithium	6-1				113		%
Magnesium	24-2	70.49	72.97	69.16	70.87	2.72	ppb
Manganese	55-2	1.68	1.45	1.37	1.50	10.66	ppb
Molybdenum	94-1	1.36	1.51	1.29	1.39	8.08	ppb
Molybdenum	95-1	0.62	0.63	0.71	0.65	7.33	ppb
Molybdenum	96-1	0.86	0.74	0.66	0.76	12.90	ppb
Molybdenum	97-1	0.64	0.75	0.66	0.68	8.58	ppb
Molybdenum	98-1	0.65	0.67	0.66	0.66	2.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.64	0.83	0.71	0.73	13.29	ppb
Phosphorus	31-2	11.91	65.09	26.96	34.65	79.11	ppb
Potassium	39-2	31.42	51.26	36.65	39.78	25.85	ppb
Rhodium	103-1				105		%
Rhodium	103-2				101		%
Scandium	45-1				108		%
Scandium	45-2				102		%
Selenium	82-1	0.94	-0.29	0.56	0.40	155.96	ppb
Selenium	77-2	0.00	1.73	0.00	0.58	173.21	ppb
Selenium	78-2	-0.07	1.42	0.81	0.72	104.38	ppb
Silicon	28-1	-323.80	-338.18	-88.53	-250.17		ppb
Silver	107-1	0.66	0.69	0.72	0.69	3.85	ppb
Silver	109-1	0.70	0.65	0.62	0.65	6.24	ppb
Sodium	23-2	103.00	112.69	89.70	101.79	11.34	ppb
Strontium	86-1	0.58	0.49	0.55	0.54	8.83	ppb
Strontium	88-1	0.69	0.71	0.67	0.69	2.84	ppb
Sulfur	34-1	-2901.80	-2822.98	-2066.50	-2597.10		ppb
Terbium	159-1				107		%
Terbium	159-2				101		%
Thallium	203-1	0.59	0.67	0.58	0.61	8.05	ppb
Thallium	205-1	0.67	0.64	0.71	0.67	5.06	ppb
Tin	118-1	0.75	0.66	0.65	0.69	8.08	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	M2262-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT2-	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 18:57:35	DataFile Name :	021AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.81	0.62	0.73	0.72	13.50	ppb
Uranium	238-1	0.60	0.64	0.63	0.62	3.28	ppb
Vanadium	51-2	0.83	0.77	0.59	0.73	17.07	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				100		%
Zinc	66-2	2.04	1.74	1.88	1.89	7.91	ppb
Zirconium	90-1	0.67	0.68	0.63	0.66	4.06	ppb
Zirconium	91-1	0.62	0.71	0.66	0.66	7.24	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	M2262-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-03-QT2-2021	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 19:00:39	DataFile Name :	022AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.52	3.60	5.22	4.45	18.25	ppb
Antimony	121-1	0.20	0.27	0.24	0.24	14.05	ppb
Arsenic	75-2	0.18	0.25	0.25	0.23	17.26	ppb
Barium	135-1	1.13	1.22	1.11	1.15	5.21	ppb
Barium	137-1	1.22	1.22	1.32	1.25	4.81	ppb
Beryllium	9-1	0.22	0.25	0.22	0.23	6.17	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	6.36	6.64	6.67	6.56	2.56	ppb
Boron	11-1	6.30	6.62	7.05	6.65	5.62	ppb
Bromine	81-1						cps
Cadmium	111-1	0.20	0.11	0.27	0.19	42.43	ppb
Cadmium	106-1	-0.50	-1.72	-0.42	-0.88		ppb
Cadmium	108-1	-0.06	0.01	0.11	0.02	523.55	ppb
Calcium	43-1	19.55	18.22	21.16	19.64	7.48	ppb
Calcium	44-1	19.01	17.82	25.61	20.81	20.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.30	0.22	0.26	0.26	16.94	ppb
Cobalt	59-2	0.21	0.25	0.23	0.23	9.18	ppb
Copper	63-2	0.42	0.49	0.47	0.46	7.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	54-2	11.90	9.78	14.04	11.91	17.90	ppb
Iron	56-2	12.17	11.88	12.11	12.05	1.29	ppb
Iron	57-2	8.52	10.55	11.34	10.14	14.36	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	M2262-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-03-QT2-2021	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 19:00:39	DataFile Name :	022AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.27	0.27	0.37	0.30	19.99	ppb
Lead	207-1	0.32	0.31	0.32	0.31	1.66	ppb
Lead	208-1	0.34	0.32	0.29	0.31	7.20	ppb
Lithium	6-1				110		%
Magnesium	24-2	23.91	25.90	24.61	24.80	4.06	ppb
Manganese	55-2	0.39	0.48	0.41	0.43	10.87	ppb
Molybdenum	94-1	1.23	1.19	1.13	1.18	4.60	ppb
Molybdenum	95-1	1.14	1.07	1.27	1.16	8.82	ppb
Molybdenum	96-1	1.12	1.17	1.25	1.18	5.79	ppb
Molybdenum	97-1	1.20	1.36	1.35	1.30	6.65	ppb
Molybdenum	98-1	1.25	1.23	1.30	1.26	2.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.27	0.28	0.19	0.25	18.76	ppb
Phosphorus	31-2	-1.35	2.21	-21.78	-6.98		ppb
Potassium	39-2	11.75	9.50	7.13	9.46	24.43	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	82-1	2.25	2.26	0.52	1.67	59.96	ppb
Selenium	77-2	3.32	1.61	3.12	2.68	34.90	ppb
Selenium	78-2	1.39	3.85	3.24	2.83	45.30	ppb
Silicon	28-1	-252.66	-314.70	226.08	-113.76		ppb
Silver	107-1	0.25	0.26	0.22	0.25	8.14	ppb
Silver	109-1	0.24	0.28	0.24	0.25	9.88	ppb
Sodium	23-2	50.95	46.18	46.02	47.72	5.87	ppb
Strontium	86-1	0.10	0.00	0.32	0.14	115.62	ppb
Strontium	88-1	0.24	0.24	0.26	0.25	3.48	ppb
Sulfur	34-1	-2570.64	-2516.78	-1356.60	-2148.01		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.13	0.22	0.16	0.17	24.95	ppb
Thallium	205-1	0.25	0.27	0.23	0.25	7.57	ppb
Tin	118-1	0.21	0.26	0.27	0.25	14.55	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	M2262-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-03-QT2-2021	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 19:00:39	DataFile Name :	022AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.43	1.21	1.31	1.32	8.15	ppb
Uranium	238-1	0.22	0.23	0.21	0.22	3.51	ppb
Vanadium	51-2	0.20	0.24	0.27	0.24	14.15	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	0.48	0.26	0.39	0.38	29.78	ppb
Zirconium	90-1	0.22	0.28	0.22	0.24	15.29	ppb
Zirconium	91-1	0.25	0.25	0.23	0.25	5.32	ppb

LB Number : LB115166 Operator : Jaswal
 Lab Sample ID : M2262-07 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2021-06-23 19:03:51 DataFile Name : 023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.11	11.82	12.37	12.77	9.36	ppb
Antimony	121-1	0.65	0.67	0.65	0.66	1.87	ppb
Arsenic	75-2	0.86	0.67	0.70	0.74	13.04	ppb
Barium	135-1	3.62	3.23	3.37	3.41	5.86	ppb
Barium	137-1	3.61	3.31	3.12	3.35	7.41	ppb
Beryllium	9-1	0.70	0.68	0.67	0.69	1.82	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	3.10	3.88	5.28	4.09	27.06	ppb
Boron	11-1	3.85	3.83	4.68	4.12	11.70	ppb
Bromine	81-1						cps
Cadmium	111-1	0.70	0.62	0.84	0.72	15.54	ppb
Cadmium	106-1	0.16	-1.82	1.26	-0.13		ppb
Cadmium	108-1	0.24	0.23	0.16	0.21	20.86	ppb
Calcium	43-1	56.52	53.65	55.21	55.13	2.61	ppb
Calcium	44-1	60.19	61.50	65.84	62.51	4.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.80	0.62	0.76	0.73	12.70	ppb
Cobalt	59-2	0.70	0.67	0.68	0.68	2.08	ppb
Copper	63-2	1.37	1.37	1.41	1.38	1.53	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				101		%
Indium	115-2				103		%
Iron	54-2	35.56	34.07	36.80	35.48	3.85	ppb
Iron	56-2	35.04	35.36	36.37	35.59	1.94	ppb
Iron	57-2	36.49	36.52	34.37	35.79	3.44	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	M2262-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 19:03:51	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.66	0.75	0.75	0.72	7.68	ppb
Lead	207-1	0.73	0.72	0.66	0.71	5.09	ppb
Lead	208-1	0.73	0.70	0.61	0.68	8.69	ppb
Lithium	6-1				108		%
Magnesium	24-2	66.75	73.20	73.72	71.22	5.45	ppb
Manganese	55-2	1.34	1.40	1.48	1.41	4.90	ppb
Molybdenum	94-1	1.53	1.40	1.32	1.42	7.64	ppb
Molybdenum	95-1	0.69	0.68	0.65	0.67	3.15	ppb
Molybdenum	96-1	0.71	0.77	0.69	0.72	5.79	ppb
Molybdenum	97-1	0.69	0.64	0.67	0.67	4.47	ppb
Molybdenum	98-1	0.65	0.72	0.66	0.68	5.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.74	0.78	0.86	0.79	7.65	ppb
Phosphorus	31-2	22.67	6.23	6.50	11.80	79.76	ppb
Potassium	39-2	34.29	17.56	26.58	26.14	32.03	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				106		%
Selenium	82-1	0.67	1.85	1.53	1.35	44.97	ppb
Selenium	77-2	1.64	3.18	3.16	2.66	33.14	ppb
Selenium	78-2	0.29	1.33	-1.24	0.13	1014.75	ppb
Silicon	28-1	-199.21	-183.18	136.25	-82.05		ppb
Silver	107-1	0.73	0.61	0.71	0.69	9.59	ppb
Silver	109-1	0.76	0.73	0.65	0.72	7.52	ppb
Sodium	23-2	86.84	90.11	86.84	87.93	2.15	ppb
Strontium	86-1	0.53	0.75	0.62	0.63	17.38	ppb
Strontium	88-1	0.71	0.68	0.71	0.70	2.73	ppb
Sulfur	34-1	-2235.70	-2015.79	-1646.81	-1966.10		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	0.60	0.54	0.66	0.60	9.68	ppb
Thallium	205-1	0.67	0.67	0.68	0.68	0.35	ppb
Tin	118-1	0.69	0.67	0.73	0.70	4.39	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	M2262-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 19:03:51	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.72	0.82	0.84	0.79	8.43	ppb
Uranium	238-1	0.61	0.64	0.61	0.62	2.58	ppb
Vanadium	51-2	0.81	0.67	0.78	0.75	10.03	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	1.42	1.29	1.16	1.29	10.26	ppb
Zirconium	90-1	0.70	0.65	0.64	0.67	5.07	ppb
Zirconium	91-1	0.66	0.52	0.70	0.63	14.89	ppb

LB Number : LB115166 Operator : Jaswal
 Lab Sample ID : M2262-09 Instrumnet Name : P8
 Client Sample ID : MDL-WATER-03-QT2-20 Dilution Factor : 1
 Date & Time Acquired :: 2021-06-23 19:06:56 DataFile Name : 024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.14	5.18	4.16	4.83	11.96	ppb
Antimony	121-1	0.27	0.26	0.29	0.27	6.48	ppb
Arsenic	75-2	0.12	0.20	0.11	0.15	35.23	ppb
Barium	135-1	1.13	1.29	1.37	1.26	9.62	ppb
Barium	137-1	1.28	1.16	1.58	1.34	16.21	ppb
Beryllium	9-1	0.26	0.25	0.24	0.25	3.55	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	4.63	5.30	7.20	5.71	23.31	ppb
Boron	11-1	4.84	5.40	7.09	5.78	20.27	ppb
Bromine	81-1						cps
Cadmium	111-1	0.28	0.22	0.41	0.30	32.61	ppb
Cadmium	106-1	0.18	-2.36	1.44	-0.25		ppb
Cadmium	108-1	0.16	-0.15	0.23	0.08	255.40	ppb
Calcium	43-1	19.14	20.53	27.82	22.49	20.72	ppb
Calcium	44-1	19.07	23.79	52.47	31.77	56.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.26	0.32	0.31	0.30	10.38	ppb
Cobalt	59-2	0.23	0.19	0.22	0.21	10.22	ppb
Copper	63-2	0.44	0.47	0.43	0.45	5.76	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				96		%
Indium	115-2				98		%
Iron	54-2	12.90	8.28	9.78	10.32	22.86	ppb
Iron	56-2	12.53	12.79	12.46	12.59	1.40	ppb
Iron	57-2	10.24	10.85	10.87	10.65	3.35	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	M2262-09	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-03-QT2-20	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 19:06:56	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.30	0.26	0.33	0.30	13.04	ppb
Lead	207-1	0.25	0.29	0.43	0.32	28.54	ppb
Lead	208-1	0.24	0.31	0.41	0.32	26.17	ppb
Lithium	6-1				103		%
Magnesium	24-2	24.79	23.73	24.42	24.31	2.22	ppb
Manganese	55-2	0.47	0.58	0.43	0.49	16.20	ppb
Molybdenum	94-1	1.28	1.24	1.48	1.33	9.90	ppb
Molybdenum	95-1	1.22	1.27	1.50	1.33	10.87	ppb
Molybdenum	96-1	1.23	1.34	1.60	1.39	13.88	ppb
Molybdenum	97-1	1.24	1.27	1.40	1.30	6.64	ppb
Molybdenum	98-1	1.30	1.30	1.52	1.38	9.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.24	0.23	0.27	0.25	8.91	ppb
Phosphorus	31-2	18.48	-11.09	-11.04	-1.22		ppb
Potassium	39-2	14.48	12.05	28.87	18.47	49.23	ppb
Rhodium	103-1				95		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				102		%
Selenium	82-1	3.23	2.21	3.13	2.86	19.76	ppb
Selenium	77-2	3.27	0.00	0.00	1.09	173.21	ppb
Selenium	78-2	2.71	0.31	2.76	1.93	72.50	ppb
Silicon	28-1	-175.45	-1.48	1372.80	398.62	212.77	ppb
Silver	107-1	0.25	0.26	0.28	0.26	6.34	ppb
Silver	109-1	0.25	0.24	0.39	0.29	28.99	ppb
Sodium	23-2	42.31	46.00	44.52	44.28	4.19	ppb
Strontium	86-1	0.10	0.14	0.39	0.21	74.60	ppb
Strontium	88-1	0.23	0.27	0.29	0.26	10.92	ppb
Sulfur	34-1	-2133.09	-1408.17	2029.19	-504.02		ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	0.13	0.10	0.30	0.18	60.77	ppb
Thallium	205-1	0.19	0.24	0.35	0.26	31.09	ppb
Tin	118-1	0.27	0.26	0.31	0.28	8.32	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	M2262-09	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-03-QT2-20	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 19:06:56	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.59	1.46	1.50	1.52	4.41	ppb
Uranium	238-1	0.21	0.23	0.28	0.24	16.78	ppb
Vanadium	51-2	0.28	0.22	0.29	0.26	14.45	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	0.30	0.57	0.42	0.43	31.29	ppb
Zirconium	90-1	0.23	0.22	0.27	0.24	11.30	ppb
Zirconium	91-1	0.21	0.23	0.31	0.25	20.48	ppb

LB Number : LB115166 Operator : Jaswal
 Lab Sample ID : M2262-10 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-04-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2021-06-23 19:10:11 DataFile Name : 025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.38	12.68	13.18	13.08	2.76	ppb
Antimony	121-1	0.73	0.72	0.72	0.72	0.80	ppb
Arsenic	75-2	0.77	0.58	0.74	0.69	14.97	ppb
Barium	135-1	3.09	3.22	3.84	3.38	11.95	ppb
Barium	137-1	3.47	3.45	3.36	3.43	1.62	ppb
Beryllium	9-1	0.70	0.66	0.71	0.69	3.82	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	1.95	2.61	3.53	2.70	29.43	ppb
Boron	11-1	3.07	2.84	3.59	3.17	12.12	ppb
Bromine	81-1						cps
Cadmium	111-1	0.66	0.75	0.79	0.73	9.10	ppb
Cadmium	106-1	-0.86	0.07	0.98	0.06	1494.36	ppb
Cadmium	108-1	0.62	0.12	0.36	0.37	68.32	ppb
Calcium	43-1	57.05	54.82	50.77	54.22	5.88	ppb
Calcium	44-1	53.58	62.73	63.41	59.91	9.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.66	0.76	0.71	0.71	6.95	ppb
Cobalt	59-2	0.66	0.66	0.62	0.65	3.17	ppb
Copper	63-2	1.48	1.42	1.45	1.45	2.25	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				101		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	54-2	36.26	34.66	38.34	36.42	5.07	ppb
Iron	56-2	36.35	35.98	34.60	35.64	2.59	ppb
Iron	57-2	37.19	35.75	32.22	35.05	7.29	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	M2262-10	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 19:10:11	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.75	0.74	0.80	0.76	4.39	ppb
Lead	207-1	0.62	0.72	0.62	0.65	8.76	ppb
Lead	208-1	0.61	0.65	0.53	0.59	10.54	ppb
Lithium	6-1				108		%
Magnesium	24-2	71.93	78.03	67.14	72.37	7.54	ppb
Manganese	55-2	1.28	1.47	1.29	1.35	7.84	ppb
Molybdenum	94-1	1.66	1.48	1.42	1.52	8.10	ppb
Molybdenum	95-1	0.76	0.61	0.70	0.69	10.96	ppb
Molybdenum	96-1	0.82	0.65	0.76	0.74	11.33	ppb
Molybdenum	97-1	0.69	0.73	0.68	0.70	3.74	ppb
Molybdenum	98-1	0.71	0.66	0.58	0.65	10.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.63	0.84	0.69	0.72	14.95	ppb
Phosphorus	31-2	33.32	35.94	24.65	31.30	18.88	ppb
Potassium	39-2	40.27	33.05	9.87	27.73	57.27	ppb
Rhodium	103-1				100		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	82-1	1.26	1.02	0.51	0.93	41.25	ppb
Selenium	77-2	0.00	1.59	0.00	0.53	173.21	ppb
Selenium	78-2	1.00	-0.09	0.35	0.42	129.62	ppb
Silicon	28-1	-263.76	37.70	83.91	-47.38		ppb
Silver	107-1	0.66	0.76	0.74	0.72	7.39	ppb
Silver	109-1	0.71	0.72	0.76	0.73	3.38	ppb
Sodium	23-2	90.12	88.77	88.31	89.07	1.06	ppb
Strontium	86-1	0.53	0.50	0.60	0.54	9.03	ppb
Strontium	88-1	0.71	0.65	0.74	0.70	6.35	ppb
Sulfur	34-1	-2391.87	-1515.65	-1169.05	-1692.19		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	0.62	0.53	0.60	0.58	7.59	ppb
Thallium	205-1	0.64	0.64	0.62	0.64	1.59	ppb
Tin	118-1	0.59	0.63	0.73	0.65	11.05	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	M2262-10	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 19:10:11	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.72	0.97	0.60	0.76	24.68	ppb
Uranium	238-1	0.61	0.65	0.64	0.63	3.41	ppb
Vanadium	51-2	0.69	0.76	0.73	0.73	4.81	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	0.94	1.15	1.02	1.04	10.11	ppb
Zirconium	90-1	0.71	0.71	0.70	0.71	0.81	ppb
Zirconium	91-1	0.78	0.80	0.76	0.78	2.19	ppb

LB Number : LB115166 Operator : Jaswal
 Lab Sample ID : M2262-12 Instrumnet Name : P8
 Client Sample ID : MDL-WATER-06-QT2-20 Dilution Factor : 1
 Date & Time Acquired :: 2021-06-23 19:19:36 DataFile Name : 028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.52	3.98	5.44	4.98	17.41	ppb
Antimony	121-1	0.27	0.21	0.23	0.24	12.95	ppb
Arsenic	75-2	0.24	0.28	0.19	0.24	17.99	ppb
Barium	135-1	1.18	0.95	0.92	1.02	13.80	ppb
Barium	137-1	1.31	1.24	1.16	1.24	5.81	ppb
Beryllium	9-1	0.26	0.23	0.18	0.22	18.48	ppb
Bismuth	209-1				107		%
Bismuth	209-2				98		%
Boron	10-1	3.87	4.04	3.19	3.70	12.13	ppb
Boron	11-1	3.53	3.83	3.50	3.62	4.98	ppb
Bromine	81-1						cps
Cadmium	111-1	0.35	0.17	0.28	0.27	34.08	ppb
Cadmium	106-1	0.25	-2.36	0.98	-0.37		ppb
Cadmium	108-1	-0.27	0.01	-0.10	-0.12		ppb
Calcium	43-1	19.31	16.89	15.41	17.20	11.44	ppb
Calcium	44-1	18.46	20.74	14.42	17.87	17.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.23	0.25	0.28	0.25	10.65	ppb
Cobalt	59-2	0.23	0.18	0.27	0.23	19.20	ppb
Copper	63-2	0.48	0.63	0.55	0.55	13.37	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				100		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	54-2	15.58	11.80	12.61	13.33	14.94	ppb
Iron	56-2	12.93	13.52	12.65	13.03	3.42	ppb
Iron	57-2	12.93	13.85	13.07	13.28	3.75	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	M2262-12	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-06-QT2-20	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 19:19:36	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.20	0.26	0.23	0.23	14.37	ppb
Lead	207-1	0.26	0.21	0.24	0.24	10.17	ppb
Lead	208-1	0.25	0.22	0.23	0.23	8.08	ppb
Lithium	6-1				111		%
Magnesium	24-2	27.49	24.27	23.37	25.04	8.66	ppb
Manganese	55-2	0.49	0.34	0.42	0.42	18.33	ppb
Molybdenum	94-1	1.27	1.30	1.14	1.23	6.79	ppb
Molybdenum	95-1	1.28	1.23	1.17	1.23	4.34	ppb
Molybdenum	96-1	1.23	1.33	1.14	1.23	7.64	ppb
Molybdenum	97-1	1.28	1.33	1.09	1.23	10.39	ppb
Molybdenum	98-1	1.26	1.25	1.15	1.22	4.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.29	0.28	0.30	0.29	3.88	ppb
Phosphorus	31-2	10.02	0.16	47.49	19.22	129.89	ppb
Potassium	39-2	23.78	24.47	9.42	19.22	44.22	ppb
Rhodium	103-1				103		%
Rhodium	103-2				98		%
Scandium	45-1				107		%
Scandium	45-2				100		%
Selenium	82-1	2.79	1.89	1.73	2.14	26.76	ppb
Selenium	77-2	1.70	3.46	9.73	4.97	85.02	ppb
Selenium	78-2	3.41	2.95	0.06	2.14	84.77	ppb
Silicon	28-1	-98.19	-65.12	-169.38	-110.90		ppb
Silver	107-1	0.24	0.25	0.23	0.24	3.73	ppb
Silver	109-1	0.27	0.27	0.23	0.26	8.81	ppb
Sodium	23-2	45.78	42.02	41.70	43.17	5.25	ppb
Strontium	86-1	0.18	-0.02	0.27	0.14	104.87	ppb
Strontium	88-1	0.27	0.22	0.23	0.24	9.90	ppb
Sulfur	34-1	-1638.66	-1353.08	-2037.40	-1676.38		ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	0.08	0.07	0.08	0.08	7.52	ppb
Thallium	205-1	0.16	0.14	0.14	0.15	8.24	ppb
Tin	118-1	0.21	0.21	0.21	0.21	1.63	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	M2262-12	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-06-QT2-20	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 19:19:36	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.26	1.48	1.25	1.33	9.89	ppb
Uranium	238-1	0.23	0.24	0.20	0.23	9.45	ppb
Vanadium	51-2	0.26	0.26	0.22	0.25	9.29	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				98		%
Zinc	66-2	0.39	0.41	0.69	0.50	33.30	ppb
Zirconium	90-1	0.24	0.24	0.20	0.23	10.70	ppb
Zirconium	91-1	0.26	0.19	0.34	0.26	29.44	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	PB137430BL	Instrumnet Name :	P8
Client Sample ID :	PB137430BL	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 19:22:46	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.52	-0.55	-0.19	-0.42		ppb
Antimony	121-1	-0.01	-0.01	0.00	-0.01		ppb
Arsenic	75-2	-0.04	0.01	-0.04	-0.02		ppb
Barium	135-1	-0.02	-0.01	-0.02	-0.02		ppb
Barium	137-1	0.00	-0.01	0.01	0.00		ppb
Beryllium	9-1	-0.01	0.00	0.00	-0.01		ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	1.62	1.03	1.66	1.44	24.71	ppb
Boron	11-1	1.51	1.50	1.70	1.57	7.30	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	-0.01	-0.08	-0.03		ppb
Cadmium	106-1	0.03	-0.12	-1.48	-0.52		ppb
Cadmium	108-1	-0.32	-0.20	-0.25	-0.26		ppb
Calcium	43-1	-2.34	1.99	0.48	0.04	4913.23	ppb
Calcium	44-1	-2.75	-0.57	7.50	1.39	387.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.08	0.03	0.03	0.05	70.20	ppb
Cobalt	59-2	-0.04	-0.03	-0.04	-0.04		ppb
Copper	63-2	-0.03	-0.03	-0.05	-0.03		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				98		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				100		%
Iron	54-2	-0.22	-0.05	1.69	0.47	223.20	ppb
Iron	56-2	-0.06	-0.25	0.01	-0.10		ppb
Iron	57-2	-0.31	-0.91	0.29	-0.31		ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	PB137430BL	Instrumnet Name :	P8
Client Sample ID :	PB137430BL	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 19:22:46	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.00	0.05	0.00	0.02	169.46	ppb
Lead	207-1	-0.03	0.01	0.00	-0.01		ppb
Lead	208-1	-0.04	-0.02	0.00	-0.02		ppb
Lithium	6-1				104		%
Magnesium	24-2	-0.31	-0.23	-0.16	-0.24		ppb
Manganese	55-2	-0.05	-0.01	0.00	-0.02		ppb
Molybdenum	94-1	-0.01	0.01	0.02	0.01	243.96	ppb
Molybdenum	95-1	-0.01	-0.01	0.00	0.00		ppb
Molybdenum	96-1	0.00	-0.01	0.00	-0.01		ppb
Molybdenum	97-1	-0.01	0.02	0.00	0.00	636.06	ppb
Molybdenum	98-1	-0.01	0.00	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.02	0.02	0.02	51.05	ppb
Phosphorus	31-2	5.05	32.69	2.86	13.54	122.84	ppb
Potassium	39-2	3.41	1.65	-12.29	-2.41		ppb
Rhodium	103-1				97		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	82-1	0.13	1.32	-0.60	0.28	342.70	ppb
Selenium	77-2	1.69	0.00	1.60	1.10	86.70	ppb
Selenium	78-2	0.80	0.99	0.41	0.73	40.54	ppb
Silicon	28-1	79.56	251.41	434.18	255.05	69.53	ppb
Silver	107-1	0.01	0.00	0.01	0.01	52.77	ppb
Silver	109-1	0.01	0.01	0.00	0.01	30.07	ppb
Sodium	23-2	17.47	10.40	16.01	14.63	25.51	ppb
Strontium	86-1	-0.07	-0.13	0.04	-0.05		ppb
Strontium	88-1	0.00	-0.01	0.00	0.00		ppb
Sulfur	34-1	-1205.70	-619.98	-256.11	-693.93		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.18	-0.13	-0.13	-0.15		ppb
Thallium	205-1	-0.13	-0.11	-0.08	-0.11		ppb
Tin	118-1	0.08	0.02	0.03	0.05	71.46	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	PB137430BL	Instrumnet Name :	P8
Client Sample ID :	PB137430BL	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 19:22:46	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.01	-0.04	0.10	0.02	451.05	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	-0.01	-0.01	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	-0.02	-0.15	-0.46	-0.21		ppb
Zirconium	90-1	0.01	0.01	0.00	0.00	90.74	ppb
Zirconium	91-1	-0.01	0.01	0.01	0.01	154.58	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P8
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 19:25:50	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52064.44	50647.64	51868.51	51526.86	1.49	ppb
Antimony	121-1	501.46	491.20	493.50	495.39	1.09	ppb
Arsenic	75-2	493.29	480.24	486.84	486.79	1.34	ppb
Barium	135-1	2505.82	2508.67	2488.84	2501.11	0.43	ppb
Barium	137-1	2458.91	2487.07	2533.45	2493.14	1.51	ppb
Beryllium	9-1	494.01	483.97	485.58	487.85	1.10	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Boron	10-1	475.58	505.84	527.61	503.01	5.19	ppb
Boron	11-1	484.96	506.64	519.64	503.75	3.48	ppb
Bromine	81-1						cps
Cadmium	111-1	478.66	481.03	485.51	481.73	0.72	ppb
Cadmium	106-1	490.00	485.35	491.69	489.01	0.67	ppb
Cadmium	108-1	484.07	476.44	483.71	481.41	0.89	ppb
Calcium	43-1	242519.69	249672.66	257847.16	250013.17	3.07	ppb
Calcium	44-1	245543.53	251122.02	251055.95	249240.50	1.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	496.57	488.92	489.07	491.52	0.89	ppb
Cobalt	59-2	480.90	474.71	471.11	475.57	1.04	ppb
Copper	63-2	4848.59	4737.58	4768.11	4784.76	1.20	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				113		%
Indium	115-1				105		%
Indium	115-2				106		%
Iron	54-2	128716.92	127240.80	125751.42	127236.38	1.17	ppb
Iron	56-2	129219.43	126127.57	126580.51	127309.17	1.31	ppb
Iron	57-2	131237.06	127451.63	128002.99	128897.23	1.59	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P8
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 19:25:50	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2501.50	2525.83	2506.47	2511.27	0.51	ppb
Lead	207-1	2491.36	2536.18	2443.89	2490.48	1.85	ppb
Lead	208-1	2488.35	2514.78	2403.46	2468.86	2.36	ppb
Lithium	6-1				114		%
Magnesium	24-2	259393.77	252165.72	255080.21	255546.57	1.42	ppb
Manganese	55-2	5012.52	4929.22	4875.13	4938.96	1.40	ppb
Molybdenum	94-1	2494.35	2500.82	2433.86	2476.34	1.49	ppb
Molybdenum	95-1	2478.72	2441.92	2404.85	2441.83	1.51	ppb
Molybdenum	96-1	2474.08	2451.39	2399.64	2441.70	1.56	ppb
Molybdenum	97-1	2505.03	2512.74	2376.66	2464.81	3.10	ppb
Molybdenum	98-1	2484.52	2463.97	2389.64	2446.04	2.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	488.21	477.27	474.50	479.99	1.51	ppb
Phosphorus	31-2	9523.28	9586.78	10168.99	9759.68	3.65	ppb
Potassium	39-2	127849.24	124151.84	125316.97	125772.68	1.50	ppb
Rhodium	103-1				100		%
Rhodium	103-2				104		%
Scandium	45-1				110		%
Scandium	45-2				112		%
Selenium	82-1	479.99	467.74	473.07	473.60	1.30	ppb
Selenium	77-2	428.84	484.00	450.62	454.49	6.11	ppb
Selenium	78-2	460.62	476.71	490.04	475.79	3.10	ppb
Silicon	28-1	204.51	320.98	347.71	291.07	26.16	ppb
Silver	107-1	490.34	492.77	499.64	494.25	0.98	ppb
Silver	109-1	488.63	484.60	494.37	489.20	1.00	ppb
Sodium	23-2	258232.48	250092.48	256590.79	254971.92	1.69	ppb
Strontium	86-1	5053.85	4939.17	4945.60	4979.54	1.29	ppb
Strontium	88-1	5014.57	4936.07	4992.79	4981.14	0.81	ppb
Sulfur	34-1	8878.71	9006.46	9284.67	9056.62	2.29	ppb
Terbium	159-1				110		%
Terbium	159-2				112		%
Thallium	203-1	485.01	510.76	494.32	496.70	2.62	ppb
Thallium	205-1	500.20	517.44	497.75	505.13	2.12	ppb
Tin	118-1	500.58	496.99	486.58	494.71	1.47	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P8
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 19:25:50	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2486.62	2575.90	2490.32	2517.61	2.01	ppb
Uranium	238-1	505.92	498.75	501.93	502.20	0.71	ppb
Vanadium	51-2	507.56	494.51	495.65	499.24	1.45	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				110		%
Zinc	66-2	4684.46	4580.62	4600.72	4621.93	1.19	ppb
Zirconium	90-1	501.59	495.25	493.71	496.85	0.84	ppb
Zirconium	91-1	497.51	485.01	480.61	487.71	1.80	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	CCB29	Instrumnet Name :	P8
Client Sample ID :	CCB29	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 19:34:00	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.18	0.56	0.17	0.18	201.45	ppb
Antimony	121-1	0.04	0.04	0.05	0.04	6.60	ppb
Arsenic	75-2	-0.01	-0.04	-0.01	-0.02		ppb
Barium	135-1	0.03	0.01	0.01	0.02	48.12	ppb
Barium	137-1	0.02	0.01	0.01	0.01	56.66	ppb
Beryllium	9-1	0.00	0.01	0.00	0.00	164.17	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Boron	10-1	8.18	7.25	7.66	7.70	6.08	ppb
Boron	11-1	7.35	7.24	7.74	7.44	3.50	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	-0.07	0.00	-0.02		ppb
Cadmium	106-1	-0.01	-1.72	-0.27	-0.67		ppb
Cadmium	108-1	-0.22	-0.39	-0.26	-0.29		ppb
Calcium	43-1	-0.11	1.68	1.35	0.98	97.54	ppb
Calcium	44-1	1.86	4.15	7.58	4.53	63.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	-0.01	0.11	0.05	143.98	ppb
Cobalt	59-2	-0.04	-0.03	-0.04	-0.03		ppb
Copper	63-2	0.07	0.04	0.07	0.06	31.85	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				100		%
Iron	54-2	2.30	1.61	0.01	1.31	89.79	ppb
Iron	56-2	1.76	1.80	1.44	1.67	11.80	ppb
Iron	57-2	0.35	1.65	-0.86	0.38	328.74	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	CCB29	Instrumnet Name :	P8
Client Sample ID :	CCB29	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 19:34:00	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.11	0.12	0.10	0.11	8.01	ppb
Lead	207-1	0.08	0.06	0.10	0.08	25.78	ppb
Lead	208-1	0.08	0.04	0.07	0.07	30.48	ppb
Lithium	6-1				107		%
Magnesium	24-2	3.27	3.91	3.82	3.67	9.34	ppb
Manganese	55-2	0.07	0.09	0.07	0.08	15.78	ppb
Molybdenum	94-1	0.06	0.04	0.02	0.04	44.63	ppb
Molybdenum	95-1	0.04	0.04	0.04	0.04	6.09	ppb
Molybdenum	96-1	0.07	0.05	0.04	0.05	27.24	ppb
Molybdenum	97-1	0.04	0.04	0.05	0.04	16.57	ppb
Molybdenum	98-1	0.05	0.06	0.05	0.05	8.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.04	0.01	0.03	48.67	ppb
Phosphorus	31-2	-1.29	34.49	19.43	17.54	102.40	ppb
Potassium	39-2	17.83	6.01	9.32	11.05	55.20	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	82-1	1.09	0.11	0.71	0.64	76.90	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-2.49	0.31	-0.68	-0.95		ppb
Silicon	28-1	-171.67	-74.37	147.72	-32.77		ppb
Silver	107-1	0.01	0.04	0.35	0.13	141.64	ppb
Silver	109-1	0.03	0.02	0.02	0.02	22.12	ppb
Sodium	23-2	33.53	32.44	35.69	33.89	4.88	ppb
Strontium	86-1	0.14	-0.08	0.07	0.04	264.09	ppb
Strontium	88-1	0.06	0.06	0.06	0.06	3.45	ppb
Sulfur	34-1	-2677.73	-2359.85	-1926.24	-2321.27		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	-0.18	-0.13	-0.12	-0.14		ppb
Thallium	205-1	-0.03	-0.05	-0.08	-0.05		ppb
Tin	118-1	0.02	-0.01	-0.02	-0.01		ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	CCB29	Instrumnet Name :	P8
Client Sample ID :	CCB29	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 19:34:00	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.10	-0.01	0.01	0.03	177.70	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	70.79	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	-0.06	-0.05	-0.13	-0.08		ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	52.67	ppb
Zirconium	91-1	0.01	0.02	0.01	0.01	60.22	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	PB137430BS	Instrumnet Name :	P8
Client Sample ID :	PB137430BS	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 19:37:05	DataFile Name :	032LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10058.85	10100.03	9978.00	10045.63	0.62	ppb
Antimony	121-1	500.42	508.69	510.45	506.52	1.06	ppb
Arsenic	75-2	507.60	508.98	493.43	503.34	1.71	ppb
Barium	135-1	2524.60	2539.42	2512.50	2525.50	0.53	ppb
Barium	137-1	2504.52	2491.67	2538.23	2511.47	0.96	ppb
Beryllium	9-1	486.53	478.04	487.55	484.04	1.08	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Boron	10-1	447.28	472.22	504.61	474.70	6.06	ppb
Boron	11-1	446.85	472.31	509.14	476.10	6.58	ppb
Bromine	81-1						cps
Cadmium	111-1	507.78	510.60	504.01	507.47	0.65	ppb
Cadmium	106-1	510.64	512.71	496.17	506.51	1.78	ppb
Cadmium	108-1	513.75	506.50	509.89	510.05	0.71	ppb
Calcium	43-1	44058.08	43931.55	43405.44	43798.35	0.79	ppb
Calcium	44-1	47653.22	45934.40	46782.45	46790.03	1.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	507.77	505.88	492.83	502.16	1.62	ppb
Cobalt	59-2	497.02	490.95	487.96	491.98	0.94	ppb
Copper	63-2	5088.70	5029.59	4895.91	5004.73	1.97	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				109		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	54-2	27302.69	27147.55	26179.43	26876.55	2.26	ppb
Iron	56-2	26738.62	26379.09	25636.16	26251.29	2.14	ppb
Iron	57-2	25839.99	25279.74	25099.63	25406.45	1.52	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	PB137430BS	Instrumnet Name :	P8
Client Sample ID :	PB137430BS	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 19:37:05	DataFile Name :	032LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2469.76	2467.78	2450.48	2462.67	0.43	ppb
Lead	207-1	2499.16	2516.50	2466.94	2494.20	1.01	ppb
Lead	208-1	2504.87	2493.10	2445.30	2481.09	1.27	ppb
Lithium	6-1				114		%
Magnesium	24-2	51509.18	51596.53	50021.68	51042.46	1.73	ppb
Manganese	55-2	5151.37	5099.16	4882.08	5044.20	2.83	ppb
Molybdenum	94-1	2459.23	2499.44	2477.27	2478.65	0.81	ppb
Molybdenum	95-1	2471.50	2492.04	2439.94	2467.83	1.06	ppb
Molybdenum	96-1	2463.19	2464.42	2442.81	2456.81	0.49	ppb
Molybdenum	97-1	2542.24	2485.17	2438.45	2488.62	2.09	ppb
Molybdenum	98-1	2523.01	2450.40	2396.02	2456.47	2.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	515.30	509.96	494.37	506.54	2.15	ppb
Phosphorus	31-2	10147.34	10027.10	9824.00	9999.48	1.63	ppb
Potassium	39-2	25460.32	26352.48	25378.48	25730.43	2.10	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				110		%
Scandium	45-2				108		%
Selenium	82-1	502.85	500.13	498.59	500.52	0.43	ppb
Selenium	77-2	525.19	434.72	516.34	492.08	10.14	ppb
Selenium	78-2	496.43	491.74	503.19	497.12	1.16	ppb
Silicon	28-1	263.10	322.70	358.57	314.79	15.32	ppb
Silver	107-1	521.29	516.53	519.78	519.20	0.47	ppb
Silver	109-1	503.58	514.83	502.50	506.97	1.35	ppb
Sodium	23-2	52262.92	51587.85	50516.61	51455.79	1.71	ppb
Strontium	86-1	4960.85	4935.03	4925.30	4940.39	0.37	ppb
Strontium	88-1	5027.75	4879.90	4907.52	4938.39	1.59	ppb
Sulfur	34-1	8394.63	8079.30	8045.91	8173.28	2.35	ppb
Terbium	159-1				111		%
Terbium	159-2				109		%
Thallium	203-1	479.46	484.42	477.90	480.60	0.71	ppb
Thallium	205-1	493.74	489.48	490.08	491.10	0.47	ppb
Tin	118-1	497.74	498.68	491.20	495.87	0.82	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	PB137430BS	Instrumnet Name :	P8
Client Sample ID :	PB137430BS	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 19:37:05	DataFile Name :	032LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2545.49	2472.34	2507.08	2508.30	1.46	ppb
Uranium	238-1	486.32	483.92	475.68	481.98	1.16	ppb
Vanadium	51-2	511.61	507.24	492.56	503.80	1.98	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				107		%
Zinc	66-2	5014.63	4952.64	4869.24	4945.50	1.48	ppb
Zirconium	90-1	497.07	504.30	493.79	498.39	1.08	ppb
Zirconium	91-1	486.31	490.91	485.87	487.69	0.57	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	PB137432BL	Instrumnet Name :	P8
Client Sample ID :	PB137432BL	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 19:42:55	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.19	-0.66	-0.37	-0.41		ppb
Antimony	121-1	0.03	0.07	0.04	0.05	44.31	ppb
Arsenic	75-2	-0.03	-0.01	-0.02	-0.02		ppb
Barium	135-1	0.02	0.04	0.04	0.03	34.50	ppb
Barium	137-1	0.04	0.02	0.03	0.03	26.92	ppb
Beryllium	9-1	0.01	0.04	0.02	0.02	51.13	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	10-1	17.22	15.52	17.12	16.62	5.74	ppb
Boron	11-1	17.08	15.62	16.32	16.34	4.46	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.05	-0.12	-0.05	-0.07		ppb
Cadmium	106-1	-1.85	-2.72	-1.06	-1.88		ppb
Cadmium	108-1	-0.39	-0.16	-0.26	-0.27		ppb
Calcium	43-1	1.23	1.02	1.25	1.16	10.81	ppb
Calcium	44-1	-0.64	2.41	8.61	3.46	136.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.08	0.14	0.10	0.10	29.77	ppb
Cobalt	59-2	-0.01	-0.04	-0.02	-0.03		ppb
Copper	63-2	0.06	0.09	0.07	0.07	19.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	54-2	0.86	1.90	0.38	1.04	74.71	ppb
Iron	56-2	0.39	0.36	0.24	0.33	24.71	ppb
Iron	57-2	0.27	-0.44	0.05	-0.04		ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	PB137432BL	Instrumnet Name :	P8
Client Sample ID :	PB137432BL	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 19:42:55	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.12	0.22	0.12	0.15	38.37	ppb
Lead	207-1	0.13	0.13	0.17	0.14	14.99	ppb
Lead	208-1	0.15	0.11	0.17	0.14	20.74	ppb
Lithium	6-1				106		%
Magnesium	24-2	0.89	1.81	0.30	1.00	76.37	ppb
Manganese	55-2	0.06	0.05	0.09	0.07	27.91	ppb
Molybdenum	94-1	0.07	0.06	0.10	0.08	26.92	ppb
Molybdenum	95-1	0.13	0.10	0.07	0.10	33.72	ppb
Molybdenum	96-1	0.12	0.09	0.06	0.09	32.73	ppb
Molybdenum	97-1	0.14	0.09	0.07	0.10	34.58	ppb
Molybdenum	98-1	0.08	0.13	0.09	0.10	25.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.03	0.05	0.03	30.83	ppb
Phosphorus	31-2	22.00	-11.83	-1.90	2.75	631.59	ppb
Potassium	39-2	-5.89	-8.48	-3.24	-5.87		ppb
Rhodium	103-1				99		%
Rhodium	103-2				105		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	82-1	-0.41	0.91	0.10	0.20	333.93	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.77	2.18	-1.54	-0.04		ppb
Silicon	28-1	-177.34	-85.31	316.09	17.81	1472.98	ppb
Silver	107-1	0.04	0.03	0.03	0.03	16.89	ppb
Silver	109-1	0.03	0.03	0.03	0.03	13.80	ppb
Sodium	23-2	26.55	26.10	25.02	25.89	3.04	ppb
Strontium	86-1	0.05	0.18	0.10	0.11	61.67	ppb
Strontium	88-1	0.11	0.09	0.09	0.10	14.29	ppb
Sulfur	34-1	-3063.42	-2800.66	-1993.45	-2619.18		ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	-0.12	-0.16	-0.12	-0.13		ppb
Thallium	205-1	0.03	0.04	0.05	0.04	19.16	ppb
Tin	118-1	0.08	0.08	0.06	0.07	20.89	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	PB137432BL	Instrumnet Name :	P8
Client Sample ID :	PB137432BL	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 19:42:55	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.01	0.05	0.08	0.04	124.54	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	22.76	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	257.11	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				103		%
Zinc	66-2	0.11	0.06	-0.06	0.04	238.62	ppb
Zirconium	90-1	0.02	0.03	0.01	0.02	54.77	ppb
Zirconium	91-1	0.02	0.04	0.02	0.03	51.89	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	PB137432BS	Instrumnet Name :	P8
Client Sample ID :	PB137432BS	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 19:46:53	DataFile Name :	034LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9942.32	9767.11	9886.53	9865.32	0.91	ppb
Antimony	121-1	538.16	508.65	491.02	512.61	4.65	ppb
Arsenic	75-2	495.08	500.92	491.66	495.89	0.94	ppb
Barium	135-1	2635.89	2519.47	2482.99	2546.12	3.14	ppb
Barium	137-1	2657.15	2556.57	2477.64	2563.79	3.51	ppb
Beryllium	9-1	504.26	474.99	475.34	484.86	3.47	ppb
Bismuth	209-1				105		%
Bismuth	209-2				106		%
Boron	10-1	461.05	471.15	491.18	474.46	3.23	ppb
Boron	11-1	467.72	472.56	491.10	477.13	2.59	ppb
Bromine	81-1						cps
Cadmium	111-1	528.69	509.56	507.04	515.09	2.30	ppb
Cadmium	106-1	528.92	512.72	508.30	516.64	2.10	ppb
Cadmium	108-1	536.21	504.80	496.30	512.43	4.10	ppb
Calcium	43-1	45317.07	44155.89	43272.68	44248.55	2.32	ppb
Calcium	44-1	47692.98	46641.24	46912.36	47082.19	1.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	497.45	488.95	492.19	492.86	0.87	ppb
Cobalt	59-2	482.50	482.00	483.72	482.74	0.18	ppb
Copper	63-2	4948.10	4957.25	4952.62	4952.66	0.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				105		%
Iron	54-2	25542.32	26122.06	25915.43	25859.94	1.14	ppb
Iron	56-2	25757.11	25872.42	25614.19	25747.91	0.50	ppb
Iron	57-2	25325.89	24861.28	24903.80	25030.32	1.03	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	PB137432BS	Instrumnet Name :	P8
Client Sample ID :	PB137432BS	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 19:46:53	DataFile Name :	034LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2552.91	2438.05	2461.29	2484.08	2.44	ppb
Lead	207-1	2580.34	2443.62	2507.28	2510.41	2.73	ppb
Lead	208-1	2593.08	2448.07	2492.65	2511.27	2.96	ppb
Lithium	6-1				113		%
Magnesium	24-2	50280.31	49541.11	51317.81	50379.75	1.77	ppb
Manganese	55-2	4925.96	4982.92	5005.18	4971.35	0.82	ppb
Molybdenum	94-1	2599.44	2468.45	2520.51	2529.47	2.61	ppb
Molybdenum	95-1	2621.47	2444.55	2487.46	2517.83	3.67	ppb
Molybdenum	96-1	2553.33	2442.42	2518.83	2504.86	2.27	ppb
Molybdenum	97-1	2637.70	2463.43	2548.09	2549.74	3.42	ppb
Molybdenum	98-1	2593.50	2448.37	2549.82	2530.56	2.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	491.44	492.17	490.69	491.43	0.15	ppb
Phosphorus	31-2	9543.78	9816.88	9741.05	9700.57	1.45	ppb
Potassium	39-2	25403.17	24923.13	25468.32	25264.87	1.18	ppb
Rhodium	103-1				102		%
Rhodium	103-2				106		%
Scandium	45-1				108		%
Scandium	45-2				110		%
Selenium	82-1	525.58	492.55	507.61	508.58	3.25	ppb
Selenium	77-2	523.89	490.41	487.85	500.72	4.02	ppb
Selenium	78-2	497.11	486.69	485.76	489.85	1.29	ppb
Silicon	28-1	536.80	360.12	381.79	426.23	22.61	ppb
Silver	107-1	545.59	519.78	517.75	527.71	2.94	ppb
Silver	109-1	534.74	509.97	505.89	516.87	3.02	ppb
Sodium	23-2	50536.64	50145.01	51595.38	50759.01	1.48	ppb
Strontium	86-1	5234.29	4935.52	4976.40	5048.74	3.21	ppb
Strontium	88-1	5233.02	4983.56	5016.80	5077.79	2.67	ppb
Sulfur	34-1	8821.20	8040.10	8064.15	8308.49	5.35	ppb
Terbium	159-1				107		%
Terbium	159-2				109		%
Thallium	203-1	496.96	482.75	486.01	488.57	1.52	ppb
Thallium	205-1	519.22	490.37	495.19	501.59	3.08	ppb
Tin	118-1	515.17	502.75	495.04	504.32	2.01	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	PB137432BS	Instrumnet Name :	P8
Client Sample ID :	PB137432BS	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 19:46:53	DataFile Name :	034LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2657.64	2575.88	2505.40	2579.64	2.95	ppb
Uranium	238-1	507.98	493.02	492.15	497.72	1.79	ppb
Vanadium	51-2	495.37	489.95	496.14	493.82	0.68	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				108		%
Zinc	66-2	4860.70	4864.26	4908.75	4877.91	0.55	ppb
Zirconium	90-1	516.43	493.46	495.70	501.86	2.52	ppb
Zirconium	91-1	507.32	476.01	489.07	490.80	3.20	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	PB137431BL	Instrumnet Name :	P8
Client Sample ID :	PB137431BL	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 19:59:23	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.46	-0.39	-0.54	-0.47		ppb
Antimony	121-1	0.03	0.01	0.03	0.02	64.93	ppb
Arsenic	75-2	-0.04	-0.03	-0.01	-0.03		ppb
Barium	135-1	0.01	-0.01	-0.01	0.00		ppb
Barium	137-1	0.04	-0.02	0.02	0.01	258.86	ppb
Beryllium	9-1	0.02	0.01	0.01	0.01	37.96	ppb
Bismuth	209-1				102		%
Bismuth	209-2				97		%
Boron	10-1	7.20	7.59	9.08	7.96	12.45	ppb
Boron	11-1	8.19	7.83	8.88	8.30	6.45	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.04	-0.08	-0.09	-0.07		ppb
Cadmium	106-1	-1.00	-1.80	-2.01	-1.60		ppb
Cadmium	108-1	-0.21	-0.39	-0.17	-0.26		ppb
Calcium	43-1	-1.94	-2.19	-0.53	-1.55		ppb
Calcium	44-1	-0.99	-3.82	12.61	2.60	338.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.07	0.06	0.09	0.07	19.22	ppb
Cobalt	59-2	-0.04	-0.03	-0.03	-0.04		ppb
Copper	63-2	0.00	0.06	0.01	0.02	132.76	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				99		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	54-2	1.30	0.65	-0.08	0.62	110.87	ppb
Iron	56-2	0.08	0.14	0.05	0.09	52.42	ppb
Iron	57-2	-0.35	-1.35	-1.33	-1.01		ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	PB137431BL	Instrumnet Name :	P8
Client Sample ID :	PB137431BL	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 19:59:23	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.07	0.07	0.07	0.07	1.82	ppb
Lead	207-1	0.07	0.07	0.07	0.07	2.95	ppb
Lead	208-1	0.05	0.03	0.08	0.05	51.53	ppb
Lithium	6-1				106		%
Magnesium	24-2	-0.07	-0.33	1.12	0.24	318.58	ppb
Manganese	55-2	0.01	0.05	0.00	0.02	172.71	ppb
Molybdenum	94-1	0.03	0.00	0.07	0.03	101.27	ppb
Molybdenum	95-1	0.03	0.05	0.03	0.04	23.63	ppb
Molybdenum	96-1	0.02	0.02	0.03	0.02	15.42	ppb
Molybdenum	97-1	0.04	0.03	0.02	0.03	42.48	ppb
Molybdenum	98-1	0.02	0.04	0.02	0.03	34.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.05	0.01	0.04	56.70	ppb
Phosphorus	31-2	29.72	14.87	0.06	14.88	99.62	ppb
Potassium	39-2	-3.43	10.67	11.98	6.41	133.35	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	-1.52	-0.64	-0.51	-0.89		ppb
Selenium	77-2	1.69	0.00	0.00	0.56	173.21	ppb
Selenium	78-2	0.50	-0.34	0.23	0.13	327.53	ppb
Silicon	28-1	-64.04	-379.44	641.57	66.03	791.75	ppb
Silver	107-1	0.03	0.02	0.02	0.02	21.66	ppb
Silver	109-1	0.02	0.01	0.02	0.02	25.62	ppb
Sodium	23-2	19.71	23.47	22.44	21.87	8.88	ppb
Strontium	86-1	-0.08	0.02	0.23	0.06	267.41	ppb
Strontium	88-1	0.04	0.04	0.04	0.04	5.06	ppb
Sulfur	34-1	-2423.57	-2993.89	-759.32	-2058.93		ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	-0.16	-0.18	-0.17	-0.17		ppb
Thallium	205-1	-0.08	-0.09	-0.07	-0.08		ppb
Tin	118-1	0.09	0.07	0.06	0.07	22.12	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	PB137431BL	Instrumnet Name :	P8
Client Sample ID :	PB137431BL	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 19:59:23	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.07	-0.03	0.21	0.08	142.84	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	19.27	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	17774.62	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	-0.01	-0.27	0.06	-0.07		ppb
Zirconium	90-1	0.02	0.01	0.01	0.01	37.44	ppb
Zirconium	91-1	0.01	0.03	0.01	0.02	70.24	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	PB137431BS	Instrumnet Name :	P8
Client Sample ID :	PB137431BS	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 20:02:28	DataFile Name :	036LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10224.33	10254.57	9853.22	10110.71	2.21	ppb
Antimony	121-1	502.48	520.52	515.87	512.95	1.83	ppb
Arsenic	75-2	512.63	505.10	496.02	504.58	1.65	ppb
Barium	135-1	2478.00	2578.95	2570.58	2542.51	2.20	ppb
Barium	137-1	2446.73	2580.10	2531.50	2519.45	2.68	ppb
Beryllium	9-1	480.38	483.11	489.24	484.24	0.94	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Boron	10-1	443.73	483.68	500.81	476.07	6.15	ppb
Boron	11-1	442.72	485.73	501.01	476.48	6.34	ppb
Bromine	81-1						cps
Cadmium	111-1	493.65	518.50	517.85	510.00	2.78	ppb
Cadmium	106-1	488.22	521.95	516.27	508.81	3.55	ppb
Cadmium	108-1	500.15	517.40	510.61	509.38	1.71	ppb
Calcium	43-1	43143.23	44505.61	42150.27	43266.37	2.73	ppb
Calcium	44-1	45428.26	46527.85	45853.78	45936.63	1.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	510.98	509.45	496.20	505.54	1.61	ppb
Cobalt	59-2	493.67	497.61	485.68	492.32	1.23	ppb
Copper	63-2	5038.51	5109.79	4916.58	5021.62	1.95	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				105		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	54-2	26870.23	26416.93	26379.87	26555.68	1.03	ppb
Iron	56-2	26523.51	26544.39	25401.83	26156.58	2.50	ppb
Iron	57-2	25537.45	25674.33	24847.10	25352.96	1.75	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	PB137431BS	Instrumnet Name :	P8
Client Sample ID :	PB137431BS	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 20:02:28	DataFile Name :	036LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2458.31	2514.31	2408.12	2460.24	2.16	ppb
Lead	207-1	2411.39	2491.71	2435.62	2446.24	1.68	ppb
Lead	208-1	2382.95	2458.69	2446.75	2429.46	1.68	ppb
Lithium	6-1				114		%
Magnesium	24-2	51562.84	52631.86	50598.63	51597.77	1.97	ppb
Manganese	55-2	5099.59	5149.12	4940.66	5063.13	2.15	ppb
Molybdenum	94-1	2447.72	2477.53	2462.52	2462.59	0.61	ppb
Molybdenum	95-1	2425.61	2475.25	2487.99	2462.95	1.34	ppb
Molybdenum	96-1	2469.76	2497.43	2477.03	2481.41	0.58	ppb
Molybdenum	97-1	2455.62	2506.73	2500.36	2487.57	1.12	ppb
Molybdenum	98-1	2424.77	2523.20	2457.62	2468.53	2.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	508.86	508.39	498.09	505.11	1.21	ppb
Phosphorus	31-2	10141.43	10198.88	10083.82	10141.38	0.57	ppb
Potassium	39-2	26536.03	26312.87	25182.89	26010.60	2.79	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				111		%
Scandium	45-2				108		%
Selenium	82-1	485.79	504.61	499.24	496.54	1.95	ppb
Selenium	77-2	554.08	499.48	435.87	496.48	11.92	ppb
Selenium	78-2	506.70	503.65	494.42	501.59	1.28	ppb
Silicon	28-1	163.37	350.90	132.24	215.50	54.89	ppb
Silver	107-1	510.57	531.94	524.82	522.44	2.08	ppb
Silver	109-1	492.21	528.72	530.37	517.10	4.17	ppb
Sodium	23-2	51598.41	53462.38	51001.70	52020.83	2.47	ppb
Strontium	86-1	4915.90	5028.73	4947.96	4964.20	1.17	ppb
Strontium	88-1	4911.14	5012.90	4964.11	4962.71	1.03	ppb
Sulfur	34-1	8268.84	8365.32	7579.95	8071.37	5.31	ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	474.07	488.78	472.51	478.45	1.88	ppb
Thallium	205-1	504.85	498.60	479.80	494.41	2.64	ppb
Tin	118-1	493.68	511.31	501.77	502.25	1.76	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	PB137431BS	Instrumnet Name :	P8
Client Sample ID :	PB137431BS	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 20:02:28	DataFile Name :	036LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2482.87	2518.38	2468.02	2489.76	1.04	ppb
Uranium	238-1	477.68	493.17	472.23	481.03	2.26	ppb
Vanadium	51-2	510.50	505.21	497.27	504.33	1.32	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				106		%
Zinc	66-2	4977.92	4988.24	4837.80	4934.65	1.70	ppb
Zirconium	90-1	486.26	506.24	489.65	494.05	2.16	ppb
Zirconium	91-1	467.97	488.97	486.24	481.06	2.37	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P8
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 20:13:26	DataFile Name :	038CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53161.74	51324.77	51133.90	51873.47	2.16	ppb
Antimony	121-1	508.58	496.34	507.94	504.29	1.37	ppb
Arsenic	75-2	501.88	500.27	497.85	500.00	0.41	ppb
Barium	135-1	2532.03	2489.35	2569.35	2530.25	1.58	ppb
Barium	137-1	2472.40	2511.41	2544.32	2509.37	1.43	ppb
Beryllium	9-1	502.40	482.26	488.30	490.99	2.11	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	10-1	507.65	517.56	546.21	523.81	3.82	ppb
Boron	11-1	507.47	526.32	548.27	527.35	3.87	ppb
Bromine	81-1						cps
Cadmium	111-1	490.87	488.93	490.44	490.08	0.21	ppb
Cadmium	106-1	497.51	493.00	492.55	494.36	0.55	ppb
Cadmium	108-1	498.82	487.74	493.35	493.30	1.12	ppb
Calcium	43-1	254862.60	242981.87	252646.23	250163.57	2.53	ppb
Calcium	44-1	258198.21	245447.93	247017.79	250221.31	2.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	503.84	498.89	500.26	500.99	0.51	ppb
Cobalt	59-2	481.77	480.24	481.21	481.07	0.16	ppb
Copper	63-2	4805.94	4873.38	4786.27	4821.86	0.95	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				108		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	54-2	128953.63	128758.45	129906.91	129206.33	0.48	ppb
Iron	56-2	131031.85	129657.76	128070.99	129586.87	1.14	ppb
Iron	57-2	131396.60	129647.75	131883.25	130975.87	0.90	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P8
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 20:13:26	DataFile Name :	038CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2514.99	2540.14	2523.00	2526.04	0.51	ppb
Lead	207-1	2500.82	2539.53	2544.16	2528.17	0.94	ppb
Lead	208-1	2486.96	2522.63	2571.80	2527.13	1.69	ppb
Lithium	6-1				112		%
Magnesium	24-2	262577.39	255525.51	258193.59	258765.50	1.38	ppb
Manganese	55-2	5031.48	5057.12	4990.38	5026.33	0.67	ppb
Molybdenum	94-1	2546.30	2449.10	2551.03	2515.48	2.29	ppb
Molybdenum	95-1	2556.83	2387.16	2524.79	2489.59	3.62	ppb
Molybdenum	96-1	2533.89	2395.58	2522.23	2483.90	3.09	ppb
Molybdenum	97-1	2574.81	2443.84	2485.53	2501.39	2.67	ppb
Molybdenum	98-1	2550.46	2446.09	2515.77	2504.11	2.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	485.57	487.90	483.83	485.77	0.42	ppb
Phosphorus	31-2	10186.28	10139.94	9726.34	10017.52	2.53	ppb
Potassium	39-2	127787.77	127852.56	126845.86	127495.40	0.44	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				111		%
Scandium	45-2				112		%
Selenium	82-1	483.65	465.52	488.89	479.35	2.56	ppb
Selenium	77-2	519.15	486.77	521.04	508.99	3.78	ppb
Selenium	78-2	488.00	477.73	483.80	483.18	1.07	ppb
Silicon	28-1	410.06	122.59	373.01	301.89	51.80	ppb
Silver	107-1	498.94	496.75	508.71	501.47	1.27	ppb
Silver	109-1	501.67	494.07	506.24	500.66	1.23	ppb
Sodium	23-2	261387.69	252213.80	257253.94	256951.81	1.79	ppb
Strontium	86-1	5034.84	4851.91	4955.43	4947.39	1.85	ppb
Strontium	88-1	4980.44	4867.83	4967.73	4938.67	1.25	ppb
Sulfur	34-1	8376.86	7220.13	7736.16	7777.72	7.45	ppb
Terbium	159-1				108		%
Terbium	159-2				111		%
Thallium	203-1	490.22	482.28	507.44	493.31	2.61	ppb
Thallium	205-1	505.09	506.22	527.29	512.87	2.44	ppb
Tin	118-1	511.28	494.43	503.43	503.05	1.68	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P8
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 20:13:26	DataFile Name :	038CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2579.82	2440.41	2499.53	2506.59	2.79	ppb
Uranium	238-1	507.15	506.70	524.02	512.63	1.93	ppb
Vanadium	51-2	512.14	505.43	507.21	508.26	0.68	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				109		%
Zinc	66-2	4746.85	4675.03	4737.01	4719.63	0.82	ppb
Zirconium	90-1	500.91	481.38	504.26	495.52	2.49	ppb
Zirconium	91-1	489.91	480.58	495.95	488.81	1.58	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	CCB30	Instrumnet Name :	P8
Client Sample ID :	CCB30	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 20:19:26	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.92	1.53	-0.05	0.80	99.80	ppb
Antimony	121-1	0.06	0.07	0.10	0.07	28.78	ppb
Arsenic	75-2	-0.02	-0.03	0.02	-0.01		ppb
Barium	135-1	0.05	0.06	0.02	0.04	50.15	ppb
Barium	137-1	0.08	0.04	0.02	0.05	66.59	ppb
Beryllium	9-1	0.05	0.03	0.03	0.03	33.49	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Boron	10-1	19.65	19.32	21.07	20.01	4.65	ppb
Boron	11-1	20.60	18.92	18.23	19.25	6.33	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	0.00	0.05	0.01	292.18	ppb
Cadmium	106-1	-0.60	-0.48	0.55	-0.18		ppb
Cadmium	108-1	-0.11	-0.33	0.06	-0.13		ppb
Calcium	43-1	3.82	5.77	2.80	4.13	36.53	ppb
Calcium	44-1	8.96	7.11	4.10	6.72	36.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.06	0.15	0.03	421.57	ppb
Cobalt	59-2	-0.02	-0.03	-0.03	-0.03		ppb
Copper	63-2	0.12	0.11	0.07	0.10	26.62	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				102		%
Indium	115-1				107		%
Indium	115-2				102		%
Iron	54-2	2.83	3.04	2.48	2.79	10.31	ppb
Iron	56-2	2.75	2.27	2.04	2.36	15.38	ppb
Iron	57-2	2.50	1.03	2.18	1.90	40.67	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	CCB30	Instrumnet Name :	P8
Client Sample ID :	CCB30	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 20:19:26	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.27	0.28	0.18	0.24	24.27	ppb
Lead	207-1	0.18	0.27	0.24	0.23	20.48	ppb
Lead	208-1	0.17	0.22	0.26	0.22	18.64	ppb
Lithium	6-1				112		%
Magnesium	24-2	3.90	3.80	4.96	4.22	15.18	ppb
Manganese	55-2	0.13	0.10	0.10	0.11	17.12	ppb
Molybdenum	94-1	0.13	0.12	0.10	0.12	15.26	ppb
Molybdenum	95-1	0.14	0.09	0.08	0.11	32.50	ppb
Molybdenum	96-1	0.17	0.13	0.12	0.14	17.19	ppb
Molybdenum	97-1	0.18	0.12	0.11	0.13	29.01	ppb
Molybdenum	98-1	0.11	0.07	0.08	0.09	20.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.06	0.02	0.03	79.83	ppb
Phosphorus	31-2	12.84	12.77	16.91	14.17	16.72	ppb
Potassium	39-2	26.92	22.21	11.50	20.21	39.08	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				109		%
Scandium	45-2				104		%
Selenium	82-1	-1.23	0.98	-0.73	-0.33		ppb
Selenium	77-2	0.00	3.25	0.00	1.08	173.21	ppb
Selenium	78-2	0.09	0.22	-0.51	-0.07		ppb
Silicon	28-1	-268.79	-158.65	-219.57	-215.67		ppb
Silver	107-1	0.03	0.03	0.05	0.04	23.77	ppb
Silver	109-1	0.05	0.03	0.04	0.04	30.20	ppb
Sodium	23-2	56.76	52.49	51.76	53.67	5.04	ppb
Strontium	86-1	0.02	-0.05	-0.07	-0.03		ppb
Strontium	88-1	0.16	0.11	0.09	0.12	30.13	ppb
Sulfur	34-1	-3334.52	-3134.92	-3427.26	-3298.90		ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	-0.09	-0.12	-0.14	-0.12		ppb
Thallium	205-1	0.06	0.08	0.08	0.07	20.85	ppb
Tin	118-1	0.00	0.08	0.02	0.03	126.12	ppb

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	CCB30	Instrumnet Name :	P8
Client Sample ID :	CCB30	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 20:19:26	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.16	0.11	0.03	0.10	69.84	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	11.36	ppb
Vanadium	51-2	0.01	0.02	0.00	0.01	107.91	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				102		%
Zinc	66-2	0.41	0.37	0.43	0.40	6.85	ppb
Zirconium	90-1	0.03	0.03	0.01	0.02	54.20	ppb
Zirconium	91-1	0.02	0.01	0.04	0.02	79.04	ppb

LB Number : LB115166 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P8
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2021-06-23 17:04:45 DataFile Name : 003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	149	174	149	157	9.19	cps
Antimony	121-1	75	50	83	69	24.98	cps
Arsenic	75-2	10	6	9	8	24.98	cps
Barium	135-1	25	17	42	28	45.82	cps
Barium	137-1	17	75	25	39	81.12	cps
Beryllium	9-1	46	42	32	40	18.03	cps
Bismuth	209-1	2830968	2803889	2774592	2803150	1.01	cps
Bismuth	209-2	1425440	1452897	1490673	1456336	2.25	cps
Boron	10-1	418	424	470	437	6.51	cps
Boron	11-1	2034	1844	1942	1940	4.90	cps
Bromine	81-1	10825	11206	11416	11149	2.69	cps
Cadmium	111-1	770	815	639	741	12.33	cps
Cadmium	106-1	1558	1633	1325	1506	10.68	cps
Cadmium	108-1	38	21	46	35	36.66	cps
Calcium	43-1	165	188	160	171	8.78	cps
Calcium	44-1	23345	23672	24053	23690	1.50	cps
Carbon	12-1	3718521	3758565	3801295	3759460	1.10	cps
Carbon	12-2	38117	37925	38117	38053	0.29	cps
Chlorine	35-1	323379	317119	317015	319171	1.14	cps
Chlorine	35-2	2500	2325	2292	2372	4.72	cps
Chromium	52-2	670	570	603	614	8.29	cps
Cobalt	59-2	123	167	140	143	15.25	cps
Copper	63-2	280	223	200	234	17.55	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	83	42	8	44	84.56	cps
Erbium	164-2	7	0	17	8	107.84	cps
Gadolinium	160-1	33	58	33	42	34.64	cps
Gadolinium	160-2	7	7	13	9	43.25	cps
Holmium	165-1	4869836	4884849	4968704	4907796	1.09	cps
Holmium	165-2	2127178	2180056	2240943	2182726	2.61	cps
Indium	115-1	4806283	4764593	4809419	4793432	0.52	cps
Indium	115-2	672733	688632	710229	690531	2.73	cps
Iron	54-2	328	356	306	330	7.60	cps
Iron	56-2	1883	1750	1967	1867	5.86	cps
Iron	57-2	61	67	78	69	12.39	cps

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 17:04:45	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	937	1090	990	1006	7.74	cps
Lead	206-1	378	333	383	365	7.51	cps
Lead	207-1	289	328	333	317	7.65	cps
Lead	208-1	1033	1339	1286	1219	13.39	cps
Lithium	6-1	2245831	2319652	2294697	2286727	1.64	cps
Magnesium	24-2	233	208	350	264	28.65	cps
Manganese	55-2	23	50	47	40	36.33	cps
Molybdenum	94-1	125	192	83	133	40.98	cps
Molybdenum	95-1	33	17	50	33	50.00	cps
Molybdenum	96-1	108	125	83	106	19.86	cps
Molybdenum	97-1	17	8	8	11	43.34	cps
Molybdenum	98-1	58	42	50	50	16.66	cps
Neodymium	150-1	0	20	13	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	17	20	13	17	20.01	cps
Phosphorus	31-2	67	42	50	53	24.12	cps
Potassium	39-2	16969	16401	17519	16963	3.30	cps
Rhodium	103-1	4643894	4830301	4782052	4752082	2.04	cps
Rhodium	103-2	1903075	1924124	2013449	1946883	3.01	cps
Scandium	45-1	3498348	3562234	3501408	3520663	1.02	cps
Scandium	45-2	104573	104664	109124	106120	2.45	cps
Selenium	82-1	67	-100	31	-1	-10565.76	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	41	50	46	46	9.88	cps
Silicon	28-1	13254187	13107523	13087301	13149670	0.69	cps
Silver	107-1	25	33	42	33	25.01	cps
Silver	109-1	8	0	17	8	100.02	cps
Sodium	23-2	11697	11421	12039	11719	2.64	cps
Strontium	86-1	1842	1675	1784	1767	4.79	cps
Strontium	88-1	150	208	125	161	26.54	cps
Sulfur	34-1	354505	352954	355755	354405	0.40	cps
Terbium	159-1	5286231	5266013	5151778	5234674	1.38	cps
Terbium	159-2	2175502	2245345	2270078	2230308	2.20	cps
Thallium	203-1	917	783	800	833	8.72	cps
Thallium	205-1	2126	2012	1910	2016	5.35	cps
Tin	118-1	550	458	550	519	10.19	cps

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 17:04:45	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	192	133	125	150	24.22	cps
Uranium	238-1	8	8	50	22	108.27	cps
Vanadium	51-2	3	7	10	7	50.03	cps
Ytterbium	172-1	8	17	25	17	50.01	cps
Ytterbium	172-2	11	0	0	4	173.21	cps
Ytterbium	176-1	617	517	358	497	26.20	cps
Ytterbium	176-2	339	383	428	383	11.59	cps
Yttrium	89-1	6765069	6809147	6783671	6785962	0.33	cps
Yttrium	89-2	667104	665749	692420	675091	2.23	cps
Zinc	66-2	170	187	177	178	4.72	cps
Zirconium	90-1	358	275	367	333	15.21	cps
Zirconium	91-1	33	42	75	50	44.10	cps

LB Number : LB115166 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P8
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2021-06-23 17:10:57 DataFile Name : 005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	795	741	859	798	7.37	cps
Antimony	121-1	7536	7761	7652	7650	1.47	cps
Arsenic	75-2	111	129	98	113	13.82	cps
Barium	135-1	9587	9695	9295	9526	2.17	cps
Barium	137-1	16302	16293	15701	16099	2.14	cps
Beryllium	9-1	1354	1404	1252	1336	5.80	cps
Bismuth	209-1	2723717	2823121	2708531	2751790	2.26	cps
Bismuth	209-2	1378540	1435595	1475364	1429833	3.40	cps
Boron	10-1	2882	3160	3130	3057	4.99	cps
Boron	11-1	13351	14368	14552	14091	4.59	cps
Bromine	81-1	11306	11226	10435	10989	4.38	cps
Cadmium	111-1	1672	1716	1652	1680	1.94	cps
Cadmium	106-1	1425	1683	1317	1475	12.77	cps
Cadmium	108-1	88	121	75	94	25.09	cps
Calcium	43-1	6823	6989	6700	6837	2.12	cps
Calcium	44-1	134803	137843	134493	135713	1.36	cps
Carbon	12-1	4091615	4114790	4140079	4115495	0.59	cps
Carbon	12-2	43206	41300	41969	42158	2.29	cps
Chlorine	35-1	321710	331399	329813	327641	1.59	cps
Chlorine	35-2	2150	2517	2375	2347	7.88	cps
Chromium	52-2	3067	3040	3207	3105	2.88	cps
Cobalt	59-2	2164	2237	2170	2190	1.85	cps
Copper	63-2	3170	3310	3197	3226	2.30	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	50	42	17	36	48.03	cps
Erbium	164-2	7	7	13	9	43.25	cps
Gadolinium	160-1	17	25	42	28	45.82	cps
Gadolinium	160-2	10	13	13	12	15.73	cps
Holmium	165-1	4774368	4829608	4702252	4768743	1.34	cps
Holmium	165-2	2041861	2155751	2219641	2139084	4.21	cps
Indium	115-1	4729492	4682123	4394965	4602193	3.93	cps
Indium	115-2	654482	676493	701581	677519	3.48	cps
Iron	54-2	2917	2773	3028	2906	4.41	cps
Iron	56-2	48940	49307	50305	49517	1.43	cps
Iron	57-2	1233	1333	1122	1230	8.59	cps

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 17:10:57	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1037	1040	1010	1029	1.60	cps
Lead	206-1	2739	2895	2878	2837	3.01	cps
Lead	207-1	2434	2267	2278	2326	4.01	cps
Lead	208-1	8777	8293	8357	8476	3.10	cps
Lithium	6-1	2245601	2273905	2166021	2228509	2.51	cps
Magnesium	24-2	44594	45121	46516	45410	2.19	cps
Manganese	55-2	593	623	630	616	3.17	cps
Molybdenum	94-1	9720	10087	8795	9534	6.99	cps
Molybdenum	95-1	11847	11505	11180	11511	2.90	cps
Molybdenum	96-1	12865	13157	12272	12765	3.53	cps
Molybdenum	97-1	7144	7369	7277	7263	1.56	cps
Molybdenum	98-1	18721	18855	17820	18465	3.05	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	620	593	683	632	7.31	cps
Phosphorus	31-2	67	75	100	81	21.53	cps
Potassium	39-2	49527	51016	50815	50453	1.60	cps
Rhodium	103-1	4494850	4618511	4458496	4523952	1.85	cps
Rhodium	103-2	1850310	1892594	1929850	1890918	2.10	cps
Scandium	45-1	3477689	3485254	3393607	3452183	1.47	cps
Scandium	45-2	100757	104389	106870	104005	2.96	cps
Selenium	82-1	371	422	359	384	8.71	cps
Selenium	77-2	10	10	10	10	0.00	cps
Selenium	78-2	85	89	86	87	2.40	cps
Silicon	28-1	13228383	13043772	13210608	13160921	0.77	cps
Silver	107-1	5018	4809	4984	4937	2.27	cps
Silver	109-1	4976	5168	4626	4923	5.58	cps
Sodium	23-2	96108	97174	98742	97341	1.36	cps
Strontium	86-1	3292	3200	3300	3264	1.70	cps
Strontium	88-1	12514	13123	13006	12881	2.51	cps
Sulfur	34-1	355757	352145	351373	353092	0.66	cps
Terbium	159-1	5240011	5281317	4986048	5169125	3.09	cps
Terbium	159-2	2123444	2185895	2260869	2190069	3.14	cps
Thallium	203-1	3842	3717	3284	3614	8.11	cps
Thallium	205-1	9961	9991	10035	9995	0.37	cps
Tin	118-1	16393	16903	16460	16585	1.67	cps

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 17:10:57	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3509	4059	3451	3673	9.14	cps
Uranium	238-1	8770	9020	8320	8703	4.08	cps
Vanadium	51-2	4621	4804	4541	4655	2.90	cps
Ytterbium	172-1	33	25	0	19	89.21	cps
Ytterbium	172-2	0	0	0	0	0.00	cps
Ytterbium	176-1	625	483	475	528	15.97	cps
Ytterbium	176-2	344	344	356	348	1.84	cps
Yttrium	89-1	6694445	6799361	6462658	6652155	2.59	cps
Yttrium	89-2	636397	666482	680131	661003	3.39	cps
Zinc	66-2	597	540	567	568	4.99	cps
Zirconium	90-1	8361	7928	8053	8114	2.75	cps
Zirconium	91-1	2100	2009	1859	1989	6.13	cps

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 17:14:04	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33301	32236	32630	32722	1.65	cps
Antimony	121-1	192865	197387	192752	194335	1.36	cps
Arsenic	75-2	5960	5570	5663	5731	3.56	cps
Barium	135-1	232829	237305	231285	233807	1.34	cps
Barium	137-1	412042	408287	408501	409610	0.51	cps
Beryllium	9-1	66260	66712	65598	66190	0.85	cps
Bismuth	209-1	2802795	2838151	2837467	2826138	0.72	cps
Bismuth	209-2	1552869	1530296	1507530	1530232	1.48	cps
Boron	10-1	5392	5642	6256	5763	7.72	cps
Boron	11-1	24327	26084	27404	25938	5.95	cps
Bromine	81-1	10735	11016	11717	11156	4.53	cps
Cadmium	111-1	50685	51393	50427	50835	0.98	cps
Cadmium	106-1	6735	6727	6443	6635	2.50	cps
Cadmium	108-1	3634	3751	3705	3696	1.59	cps
Calcium	43-1	59319	59589	59300	59403	0.27	cps
Calcium	44-1	1088437	1099189	1072227	1086618	1.25	cps
Carbon	12-1	4120565	4227873	4289945	4212794	2.03	cps
Carbon	12-2	43214	43925	43122	43420	1.01	cps
Chlorine	35-1	308827	314555	310079	311154	0.97	cps
Chlorine	35-2	2309	2225	2342	2292	2.62	cps
Chromium	52-2	62128	59570	60434	60710	2.14	cps
Cobalt	59-2	106625	101921	103419	103989	2.31	cps
Copper	63-2	823603	786974	795004	801860	2.40	cps
Dysprosium	156-1	25	33	17	25	33.32	cps
Dysprosium	156-2	7	20	0	9	114.55	cps
Erbium	164-1	17	17	33	22	43.28	cps
Erbium	164-2	17	20	13	17	20.01	cps
Gadolinium	160-1	33	75	50	53	39.74	cps
Gadolinium	160-2	13	17	20	17	20.01	cps
Holmium	165-1	4881123	4992942	4958068	4944044	1.16	cps
Holmium	165-2	2316709	2262494	2246683	2275296	1.61	cps
Indium	115-1	4701555	4707876	4749294	4719575	0.55	cps
Indium	115-2	739940	729962	723421	731108	1.14	cps
Iron	54-2	135846	132559	130609	133004	1.99	cps
Iron	56-2	2467613	2392539	2436328	2432160	1.55	cps
Iron	57-2	60735	57951	59078	59254	2.36	cps

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 17:14:04	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1097	1047	1053	1066	2.55	cps
Lead	206-1	583972	603337	599999	595769	1.74	cps
Lead	207-1	512322	521962	514820	516368	0.97	cps
Lead	208-1	1892038	1925775	1898572	1905461	0.94	cps
Lithium	6-1	2300342	2312725	2342823	2318630	0.94	cps
Magnesium	24-2	497901	469162	477739	481600	3.06	cps
Manganese	55-2	307504	294452	299754	300570	2.18	cps
Molybdenum	94-1	470501	472594	471681	471592	0.22	cps
Molybdenum	95-1	580354	574169	574808	576444	0.59	cps
Molybdenum	96-1	639075	645420	635741	640079	0.77	cps
Molybdenum	97-1	362856	365403	364438	364232	0.35	cps
Molybdenum	98-1	916298	933437	921301	923679	0.95	cps
Neodymium	150-1	0	13	20	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	28956	28001	28168	28375	1.80	cps
Phosphorus	31-2	1808	1850	1733	1797	3.29	cps
Potassium	39-2	197546	189541	192521	193203	2.09	cps
Rhodium	103-1	4626881	4613222	4719802	4653302	1.25	cps
Rhodium	103-2	2037276	2028435	2029072	2031594	0.24	cps
Scandium	45-1	3484243	3612156	3533870	3543423	1.82	cps
Scandium	45-2	113564	112019	112092	112558	0.77	cps
Selenium	82-1	4136	4417	4259	4271	3.30	cps
Selenium	77-2	93	103	130	109	17.41	cps
Selenium	78-2	449	351	405	402	12.22	cps
Silicon	28-1	13471792	13523830	13429621	13475081	0.35	cps
Silver	107-1	261945	260279	264947	262390	0.90	cps
Silver	109-1	246989	251860	254522	251124	1.52	cps
Sodium	23-2	930380	894994	900286	908553	2.10	cps
Strontium	86-1	743317	746132	747187	745545	0.27	cps
Strontium	88-1	6358162	6434222	6397129	6396504	0.59	cps
Sulfur	34-1	375183	371376	375152	373904	0.59	cps
Terbium	159-1	5194843	5203438	5332668	5243650	1.47	cps
Terbium	159-2	2398062	2367931	2370361	2378784	0.70	cps
Thallium	203-1	145620	146723	142873	145072	1.37	cps
Thallium	205-1	349293	351231	350220	350248	0.28	cps
Tin	118-1	166108	166193	167954	166752	0.62	cps

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 17:14:04	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	176790	180814	178476	178694	1.13	cps
Uranium	238-1	439747	443782	436988	440173	0.78	cps
Vanadium	51-2	50144	46211	47602	47986	4.16	cps
Ytterbium	172-1	8	17	8	11	43.34	cps
Ytterbium	172-2	0	11	6	6	99.97	cps
Ytterbium	176-1	483	658	592	578	15.29	cps
Ytterbium	176-2	289	267	317	291	8.62	cps
Yttrium	89-1	6692603	6773934	6746073	6737537	0.61	cps
Yttrium	89-2	723892	711044	702613	712516	1.50	cps
Zinc	66-2	96627	92720	94549	94632	2.07	cps
Zirconium	90-1	390298	393082	391390	391590	0.36	cps
Zirconium	91-1	85654	87139	86703	86499	0.88	cps

LB Number : LB115166 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2021-06-23 17:17:07 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	81742	81377	80258	81126	0.95	cps
Antimony	121-1	489208	500792	502652	497551	1.46	cps
Arsenic	75-2	14072	14226	14177	14158	0.55	cps
Barium	135-1	594942	599266	602851	599020	0.66	cps
Barium	137-1	1047464	1041820	1041665	1043649	0.32	cps
Beryllium	9-1	168868	170516	171607	170330	0.81	cps
Bismuth	209-1	2785146	3019662	2950728	2918512	4.13	cps
Bismuth	209-2	1506263	1525593	1531540	1521132	0.87	cps
Boron	10-1	12903	13870	14750	13841	6.68	cps
Boron	11-1	58733	63136	67926	63265	7.27	cps
Bromine	81-1	10835	10845	11076	10919	1.25	cps
Cadmium	111-1	126479	128430	127274	127394	0.77	cps
Cadmium	106-1	14616	15134	15509	15086	2.97	cps
Cadmium	108-1	9724	9808	9612	9715	1.01	cps
Calcium	43-1	152070	153440	152050	152520	0.52	cps
Calcium	44-1	2758762	2734843	2708442	2734015	0.92	cps
Carbon	12-1	4298657	4376543	4411976	4362392	1.33	cps
Carbon	12-2	44393	46106	44810	45103	1.98	cps
Chlorine	35-1	298423	300540	301154	300039	0.48	cps
Chlorine	35-2	2134	2134	2225	2164	2.45	cps
Chromium	52-2	149711	150401	147781	149298	0.91	cps
Cobalt	59-2	259597	264457	257035	260363	1.45	cps
Copper	63-2	2052483	2066452	2073288	2064074	0.51	cps
Dysprosium	156-1	25	33	8	22	57.29	cps
Dysprosium	156-2	33	7	23	21	63.80	cps
Erbium	164-1	33	42	67	47	36.74	cps
Erbium	164-2	13	27	23	21	32.88	cps
Gadolinium	160-1	42	58	58	53	18.23	cps
Gadolinium	160-2	40	10	10	20	86.60	cps
Holmium	165-1	5025970	5226961	5179861	5144264	2.04	cps
Holmium	165-2	2285387	2341886	2371095	2332789	1.87	cps
Indium	115-1	4671133	4952846	4812492	4812157	2.93	cps
Indium	115-2	713852	723591	721242	719561	0.71	cps
Iron	54-2	329515	332728	330157	330800	0.51	cps
Iron	56-2	5987285	6053524	6027614	6022808	0.55	cps
Iron	57-2	145759	149160	146535	147151	1.21	cps

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	983	1050	923	986	6.43	cps
Lead	206-1	1505442	1539715	1551037	1532065	1.55	cps
Lead	207-1	1312317	1353111	1333340	1332923	1.53	cps
Lead	208-1	5050104	5190581	5042978	5094554	1.63	cps
Lithium	6-1	2355791	2507242	2408841	2423958	3.17	cps
Magnesium	24-2	1178424	1202424	1203198	1194682	1.18	cps
Manganese	55-2	746457	760162	746798	751139	1.04	cps
Molybdenum	94-1	1221304	1223478	1209187	1217990	0.63	cps
Molybdenum	95-1	1516304	1483282	1502044	1500543	1.10	cps
Molybdenum	96-1	1673140	1672954	1666638	1670911	0.22	cps
Molybdenum	97-1	910453	916740	921163	916118	0.59	cps
Molybdenum	98-1	2370778	2341977	2394673	2369142	1.11	cps
Neodymium	150-1	33	13	20	22	45.83	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	70577	72859	72222	71886	1.64	cps
Phosphorus	31-2	4317	4484	4117	4306	4.26	cps
Potassium	39-2	449344	456323	449890	451853	0.86	cps
Rhodium	103-1	4615807	4789840	4811474	4739040	2.26	cps
Rhodium	103-2	1977416	2018844	1988027	1994763	1.08	cps
Scandium	45-1	3560873	3687241	3778832	3675649	2.98	cps
Scandium	45-2	110242	111797	110884	110974	0.70	cps
Selenium	82-1	11092	11034	11005	11044	0.40	cps
Selenium	77-2	263	300	300	288	7.36	cps
Selenium	78-2	974	956	920	950	2.89	cps
Silicon	28-1	13265482	13575167	13567448	13469366	1.31	cps
Silver	107-1	663464	676856	675692	672004	1.10	cps
Silver	109-1	627933	642761	649570	640088	1.73	cps
Sodium	23-2	2235222	2265225	2237920	2246122	0.74	cps
Strontium	86-1	1940735	1966853	1919922	1942503	1.21	cps
Strontium	88-1	16624404	16235309	16316169	16391961	1.25	cps
Sulfur	34-1	413953	414022	412428	413468	0.22	cps
Terbium	159-1	5242876	5637166	5498036	5459359	3.66	cps
Terbium	159-2	2336345	2397606	2410781	2381577	1.67	cps
Thallium	203-1	371418	376868	377673	375320	0.91	cps
Thallium	205-1	901384	906173	906717	904758	0.32	cps
Tin	118-1	423325	428135	423663	425041	0.63	cps

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 17:17:07	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	460542	463666	463658	462622	0.39	cps
Uranium	238-1	1121059	1157899	1154610	1144523	1.78	cps
Vanadium	51-2	118159	121019	119342	119507	1.20	cps
Ytterbium	172-1	0	8	25	11	114.58	cps
Ytterbium	172-2	0	0	0	0	0.00	cps
Ytterbium	176-1	592	600	567	586	2.96	cps
Ytterbium	176-2	300	333	272	302	10.14	cps
Yttrium	89-1	6812913	7060013	7018419	6963782	1.90	cps
Yttrium	89-2	697449	709415	710702	705855	1.04	cps
Zinc	66-2	234385	237735	235792	235971	0.71	cps
Zirconium	90-1	998178	991773	991049	993667	0.39	cps
Zirconium	91-1	218215	221862	217946	219341	1.00	cps

LB Number : LB115166 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2021-06-23 17:20:12 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	160925	160243	159671	160280	0.39	cps
Antimony	121-1	1009313	993938	991497	998249	0.97	cps
Arsenic	75-2	27656	27463	27411	27510	0.47	cps
Barium	135-1	1201356	1213964	1206206	1207175	0.53	cps
Barium	137-1	2069182	2113441	2111629	2098084	1.19	cps
Beryllium	9-1	340023	348963	343455	344147	1.31	cps
Bismuth	209-1	2528916	2542655	2870676	2647416	7.31	cps
Bismuth	209-2	1515623	1497349	1501528	1504833	0.64	cps
Boron	10-1	25831	28502	29698	28010	7.07	cps
Boron	11-1	119930	130972	136190	129031	6.43	cps
Bromine	81-1	10365	10775	10495	10545	1.99	cps
Cadmium	111-1	254951	254389	255165	254835	0.16	cps
Cadmium	106-1	28639	29048	29607	29098	1.67	cps
Cadmium	108-1	18896	18713	18788	18799	0.49	cps
Calcium	43-1	307722	310734	305007	307821	0.93	cps
Calcium	44-1	5366717	5368513	5371661	5368964	0.05	cps
Carbon	12-1	4426008	4575881	4569537	4523809	1.87	cps
Carbon	12-2	48497	47243	48263	48001	1.39	cps
Chlorine	35-1	284861	291865	291680	289469	1.38	cps
Chlorine	35-2	2150	2217	2167	2178	1.59	cps
Chromium	52-2	293177	292644	296552	294124	0.72	cps
Cobalt	59-2	508030	505810	506303	506714	0.23	cps
Copper	63-2	3930511	3952439	3944568	3942506	0.28	cps
Dysprosium	156-1	75	75	100	83	17.32	cps
Dysprosium	156-2	20	20	37	26	37.66	cps
Erbium	164-1	17	17	50	28	69.27	cps
Erbium	164-2	13	13	10	12	15.73	cps
Gadolinium	160-1	58	92	83	78	22.30	cps
Gadolinium	160-2	50	30	63	48	35.11	cps
Holmium	165-1	4563718	4394362	4987461	4648513	6.57	cps
Holmium	165-2	2271657	2255391	2279344	2268797	0.54	cps
Indium	115-1	4162638	4040155	4711044	4304613	8.30	cps
Indium	115-2	699193	696486	701825	699168	0.38	cps
Iron	54-2	649622	644291	643850	645921	0.50	cps
Iron	56-2	11697172	11726590	11800554	11741439	0.45	cps
Iron	57-2	284279	286238	290622	287046	1.13	cps

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 17:20:12	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1190	1030	1040	1087	8.25	cps
Lead	206-1	3237260	3276586	3261305	3258384	0.61	cps
Lead	207-1	2813338	2818878	2846543	2826253	0.63	cps
Lead	208-1	10276339	10392068	10460796	10376401	0.90	cps
Lithium	6-1	2122934	2097061	2390960	2203652	7.38	cps
Magnesium	24-2	2363478	2353223	2371046	2362582	0.38	cps
Manganese	55-2	1515194	1516939	1513672	1515268	0.11	cps
Molybdenum	94-1	2488957	2427211	2430604	2448924	1.42	cps
Molybdenum	95-1	3070230	2990837	2972616	3011228	1.72	cps
Molybdenum	96-1	3339535	3303749	3257497	3300261	1.25	cps
Molybdenum	97-1	1854818	1866611	1843837	1855089	0.61	cps
Molybdenum	98-1	4764232	4787819	4749986	4767346	0.40	cps
Neodymium	150-1	67	40	47	51	27.15	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	140816	138702	139957	139825	0.76	cps
Phosphorus	31-2	8052	8469	8569	8364	3.28	cps
Potassium	39-2	866255	870590	867239	868028	0.26	cps
Rhodium	103-1	4127306	3937441	4539933	4201560	7.33	cps
Rhodium	103-2	1939770	1997731	1936178	1957893	1.76	cps
Scandium	45-1	3213458	3004214	3550389	3256020	8.46	cps
Scandium	45-2	109231	109121	108969	109107	0.12	cps
Selenium	82-1	21490	21771	21609	21624	0.65	cps
Selenium	77-2	467	490	557	504	9.26	cps
Selenium	78-2	1869	1828	1784	1827	2.33	cps
Silicon	28-1	13896327	13818526	14075157	13930003	0.94	cps
Silver	107-1	1317648	1350859	1332518	1333675	1.25	cps
Silver	109-1	1274441	1275797	1263313	1271183	0.54	cps
Sodium	23-2	4489154	4409152	4479240	4459182	0.98	cps
Strontium	86-1	3847669	3816085	3780609	3814788	0.88	cps
Strontium	88-1	32818018	32558117	32432983	32603040	0.60	cps
Sulfur	34-1	470642	469972	471095	470570	0.12	cps
Terbium	159-1	4705611	4633788	5290220	4876540	7.38	cps
Terbium	159-2	2365123	2334174	2334758	2344685	0.76	cps
Thallium	203-1	742933	749979	754884	749265	0.80	cps
Thallium	205-1	1863584	1870803	1810929	1848438	1.77	cps
Tin	118-1	859625	857376	860513	859171	0.19	cps

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 17:20:12	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	908279	923399	911377	914352	0.87	cps
Uranium	238-1	2386444	2471561	2457705	2438570	1.87	cps
Vanadium	51-2	233364	234849	232969	233727	0.42	cps
Ytterbium	172-1	17	17	0	11	86.60	cps
Ytterbium	172-2	0	0	11	4	173.21	cps
Ytterbium	176-1	475	383	550	469	17.78	cps
Ytterbium	176-2	206	367	333	302	28.17	cps
Yttrium	89-1	6177417	5765452	6727274	6223381	7.75	cps
Yttrium	89-2	683041	683853	695712	687536	1.03	cps
Zinc	66-2	460691	457389	459162	459081	0.36	cps
Zirconium	90-1	2036916	2016081	2011578	2021525	0.67	cps
Zirconium	91-1	451010	439600	438957	443189	1.53	cps

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 17:23:16	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	332658	330684	326639	329994	0.93	cps
Antimony	121-1	2004480	1977108	2033016	2004868	1.39	cps
Arsenic	75-2	57884	56910	56883	57226	1.00	cps
Barium	135-1	2473821	2473026	2434485	2460444	0.91	cps
Barium	137-1	4161117	4277064	4199007	4212396	1.40	cps
Beryllium	9-1	675473	682098	688782	682117	0.98	cps
Bismuth	209-1	2942128	2968142	3014385	2974885	1.23	cps
Bismuth	209-2	1554705	1572633	1568873	1565404	0.60	cps
Boron	10-1	53299	56990	61212	57167	6.93	cps
Boron	11-1	243632	262254	277953	261280	6.58	cps
Bromine	81-1	9713	10946	10445	10368	5.98	cps
Cadmium	111-1	490670	499644	506496	498937	1.59	cps
Cadmium	106-1	54834	55236	55429	55167	0.55	cps
Cadmium	108-1	37284	37442	38052	37593	1.08	cps
Calcium	43-1	606085	609159	619247	611497	1.13	cps
Calcium	44-1	10867569	10640036	10945536	10817714	1.47	cps
Carbon	12-1	4530264	4718508	4813508	4687427	3.08	cps
Carbon	12-2	47544	50194	49861	49200	2.93	cps
Chlorine	35-1	281705	282619	277855	280727	0.90	cps
Chlorine	35-2	1892	2125	2017	2011	5.81	cps
Chromium	52-2	607794	603201	601161	604052	0.56	cps
Cobalt	59-2	1042916	1038315	1035752	1038994	0.35	cps
Copper	63-2	8156076	8043934	7883575	8027862	1.71	cps
Dysprosium	156-1	92	108	92	97	9.90	cps
Dysprosium	156-2	33	53	47	44	22.92	cps
Erbium	164-1	50	75	33	53	39.74	cps
Erbium	164-2	10	10	3	8	49.52	cps
Gadolinium	160-1	158	108	200	156	29.50	cps
Gadolinium	160-2	83	73	67	74	11.26	cps
Holmium	165-1	5070846	5318414	5174018	5187759	2.40	cps
Holmium	165-2	2409751	2383279	2348499	2380509	1.29	cps
Indium	115-1	4735597	4812167	4897887	4815217	1.69	cps
Indium	115-2	717565	722066	719357	719663	0.31	cps
Iron	54-2	1337808	1336907	1323411	1332709	0.61	cps
Iron	56-2	24351871	23947337	24050929	24116712	0.87	cps
Iron	57-2	594891	596948	593114	594985	0.32	cps

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 17:23:16	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1097	957	980	1011	7.42	cps
Lead	206-1	6413535	6461425	6553052	6476004	1.09	cps
Lead	207-1	5546825	5636637	5700532	5627998	1.37	cps
Lead	208-1	20444328	20844516	21174953	20821266	1.76	cps
Lithium	6-1	2422738	2487545	2505218	2471834	1.76	cps
Magnesium	24-2	4839842	4868120	4778918	4828960	0.94	cps
Manganese	55-2	3117206	3090680	3068925	3092270	0.78	cps
Molybdenum	94-1	4765977	4785874	4839336	4797062	0.79	cps
Molybdenum	95-1	5830524	5955639	6007177	5931114	1.53	cps
Molybdenum	96-1	6483939	6551057	6602687	6545894	0.91	cps
Molybdenum	97-1	3576676	3665556	3664115	3635449	1.40	cps
Molybdenum	98-1	9184885	9225041	9577797	9329241	2.32	cps
Neodymium	150-1	133	100	127	120	14.70	cps
Neodymium	150-2	13	17	10	13	25.01	cps
Nickel	60-2	286129	285460	286123	285904	0.13	cps
Phosphorus	31-2	17778	17478	17820	17692	1.05	cps
Potassium	39-2	1780309	1790904	1729594	1766935	1.85	cps
Rhodium	103-1	4665186	4620976	4772861	4686341	1.67	cps
Rhodium	103-2	2013901	2033651	2004306	2017286	0.74	cps
Scandium	45-1	3623355	3709767	3724475	3685866	1.48	cps
Scandium	45-2	112059	113108	111673	112280	0.66	cps
Selenium	82-1	41971	42837	42861	42556	1.19	cps
Selenium	77-2	1080	1110	1093	1095	1.37	cps
Selenium	78-2	3645	3700	3819	3721	2.39	cps
Silicon	28-1	14490306	14736530	14751050	14659295	1.00	cps
Silver	107-1	2664439	2687733	2698893	2683688	0.66	cps
Silver	109-1	2478643	2539651	2576969	2531754	1.96	cps
Sodium	23-2	9170729	9178004	9098798	9149177	0.48	cps
Strontium	86-1	7440167	7561022	7510432	7503874	0.81	cps
Strontium	88-1	63649810	64055749	65734166	64479908	1.71	cps
Sulfur	34-1	578521	582385	580081	580329	0.34	cps
Terbium	159-1	5551491	5385342	5491744	5476192	1.54	cps
Terbium	159-2	2452278	2477735	2434760	2454924	0.88	cps
Thallium	203-1	1529132	1545733	1527933	1534266	0.65	cps
Thallium	205-1	3806266	3779584	3751692	3779181	0.72	cps
Tin	118-1	1689507	1689194	1761044	1713248	2.42	cps

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 17:23:16	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1835353	1786915	1844205	1822157	1.69	cps
Uranium	238-1	4749840	4870707	4879387	4833312	1.50	cps
Vanadium	51-2	489252	486507	476646	484135	1.37	cps
Ytterbium	172-1	17	17	8	14	34.67	cps
Ytterbium	172-2	11	0	6	6	99.97	cps
Ytterbium	176-1	608	700	625	644	7.58	cps
Ytterbium	176-2	350	333	361	348	4.01	cps
Yttrium	89-1	6896382	6909556	7003682	6936540	0.84	cps
Yttrium	89-2	704835	714952	707302	709030	0.74	cps
Zinc	66-2	944012	935029	933939	937660	0.59	cps
Zirconium	90-1	3903435	3947099	4049741	3966758	1.89	cps
Zirconium	91-1	859508	882865	885381	875918	1.63	cps

LB Number : LB115166 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2021-06-23 17:26:21 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	631418	637919	644747	638028	1.04	cps
Antimony	121-1	3960432	3954884	3991811	3969043	0.50	cps
Arsenic	75-2	109433	110665	112643	110914	1.46	cps
Barium	135-1	4907634	4930286	4850590	4896170	0.84	cps
Barium	137-1	8252434	8389128	8389705	8343756	0.95	cps
Beryllium	9-1	1349786	1365574	1353210	1356190	0.61	cps
Bismuth	209-1	3089084	2996404	2956474	3013987	2.26	cps
Bismuth	209-2	1503569	1526079	1542677	1524108	1.29	cps
Boron	10-1	109255	116644	120184	115361	4.83	cps
Boron	11-1	508798	534141	552200	531713	4.10	cps
Bromine	81-1	9844	10555	10154	10184	3.50	cps
Cadmium	111-1	972222	980718	979090	977343	0.46	cps
Cadmium	106-1	105696	106794	107509	106667	0.86	cps
Cadmium	108-1	72958	74005	73595	73520	0.72	cps
Calcium	43-1	1263273	1247759	1243318	1251450	0.84	cps
Calcium	44-1	21509301	21249553	20979137	21245997	1.25	cps
Carbon	12-1	5148884	5294317	5396167	5279789	2.35	cps
Carbon	12-2	55104	58132	58174	57137	3.08	cps
Chlorine	35-1	268195	267946	272358	269500	0.92	cps
Chlorine	35-2	2209	1867	1700	1925	13.46	cps
Chromium	52-2	1159451	1169429	1167275	1165385	0.45	cps
Cobalt	59-2	2043057	2063036	2086152	2064082	1.04	cps
Copper	63-2	15467995	15535012	15547106	15516704	0.27	cps
Dysprosium	156-1	217	250	267	244	10.42	cps
Dysprosium	156-2	123	77	97	99	23.68	cps
Erbium	164-1	50	50	108	69	48.50	cps
Erbium	164-2	17	33	33	28	34.63	cps
Gadolinium	160-1	325	275	233	278	16.52	cps
Gadolinium	160-2	127	103	117	116	10.13	cps
Holmium	165-1	5266827	5218804	5266068	5250566	0.52	cps
Holmium	165-2	2255781	2341646	2357451	2318292	2.36	cps
Indium	115-1	4748373	4806109	4702508	4752330	1.09	cps
Indium	115-2	674395	682918	703427	686913	2.17	cps
Iron	54-2	2635366	2599605	2672904	2635958	1.39	cps
Iron	56-2	45818737	46323080	47255341	46465720	1.57	cps
Iron	57-2	1130957	1145937	1145907	1140934	0.76	cps

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 17:26:21	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	970	1080	1000	1017	5.59	cps
Lead	206-1	13168442	13182411	13149941	13166931	0.12	cps
Lead	207-1	11444232	11452720	11224330	11373761	1.14	cps
Lead	208-1	42955313	42056162	40917316	41976264	2.43	cps
Lithium	6-1	2458011	2490154	2459450	2469205	0.74	cps
Magnesium	24-2	9275080	9332841	9532068	9379996	1.44	cps
Manganese	55-2	5921580	5893300	5985834	5933571	0.80	cps
Molybdenum	94-1	9328953	9454340	9269803	9351032	1.01	cps
Molybdenum	95-1	11598427	11610091	11514023	11574180	0.45	cps
Molybdenum	96-1	12915713	12884155	12813959	12871276	0.40	cps
Molybdenum	97-1	7099364	7206507	7116763	7140878	0.81	cps
Molybdenum	98-1	18643159	18494233	18397272	18511554	0.67	cps
Neodymium	150-1	153	193	207	184	15.05	cps
Neodymium	150-2	13	3	13	10	57.75	cps
Nickel	60-2	541488	551197	553743	548809	1.18	cps
Phosphorus	31-2	33097	34917	33197	33737	3.03	cps
Potassium	39-2	3389667	3357185	3456562	3401138	1.49	cps
Rhodium	103-1	4611117	4657415	4557853	4608795	1.08	cps
Rhodium	103-2	1922526	1978026	1964085	1954879	1.48	cps
Scandium	45-1	3707100	3736363	3620899	3688121	1.63	cps
Scandium	45-2	108670	108724	110897	109430	1.16	cps
Selenium	82-1	82625	82720	82937	82760	0.19	cps
Selenium	77-2	1950	2004	2160	2038	5.36	cps
Selenium	78-2	7024	6991	6961	6992	0.45	cps
Silicon	28-1	15972618	16043618	15978360	15998198	0.25	cps
Silver	107-1	5191837	5207930	5220152	5206640	0.27	cps
Silver	109-1	4934923	4945324	4895757	4925335	0.53	cps
Sodium	23-2	17586930	17566912	17741181	17631674	0.54	cps
Strontium	86-1	14769947	14663812	14678025	14703928	0.39	cps
Strontium	88-1	128409132	127979499	125938453	127442361	1.04	cps
Sulfur	34-1	796214	789153	791999	792455	0.45	cps
Terbium	159-1	5599759	5653341	5647955	5633685	0.52	cps
Terbium	159-2	2338389	2414486	2428091	2393655	2.02	cps
Thallium	203-1	3154904	3170631	3138311	3154615	0.51	cps
Thallium	205-1	7466700	7539846	7514180	7506908	0.49	cps
Tin	118-1	3436202	3440798	3408883	3428628	0.50	cps

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 17:26:21	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3563395	3578202	3558005	3566534	0.29	cps
Uranium	238-1	9894587	9792746	9839963	9842432	0.52	cps
Vanadium	51-2	929771	935007	944713	936497	0.81	cps
Ytterbium	172-1	17	50	8	25	88.19	cps
Ytterbium	172-2	6	11	0	6	99.97	cps
Ytterbium	176-1	683	567	642	631	9.38	cps
Ytterbium	176-2	194	356	317	289	29.10	cps
Yttrium	89-1	6887501	7020721	6787881	6898701	1.69	cps
Yttrium	89-2	681242	685807	698154	688401	1.27	cps
Zinc	66-2	1845953	1836768	1823599	1835440	0.61	cps
Zirconium	90-1	7840001	7951418	7753782	7848401	1.26	cps
Zirconium	91-1	1778205	1772525	1773610	1774780	0.17	cps

LB Number : LB115166 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P8
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2021-06-23 17:29:24 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3230237	3215833	3236101	3227390	0.32	cps
Antimony	121-1	2875	3067	3234	3059	5.86	cps
Arsenic	75-2	63	52	47	54	15.16	cps
Barium	135-1	2475	2584	2567	2542	2.29	cps
Barium	137-1	4384	4201	4334	4306	2.20	cps
Beryllium	9-1	424	378	370	391	7.46	cps
Bismuth	209-1	2959621	2924050	3140428	3008033	3.86	cps
Bismuth	209-2	1444789	1472269	1472377	1463145	1.09	cps
Boron	10-1	13986	12619	11242	12616	10.87	cps
Boron	11-1	64138	57297	51961	57799	10.56	cps
Bromine	81-1	9924	11266	11366	10852	7.42	cps
Cadmium	111-1	1222	1011	1101	1112	9.52	cps
Cadmium	106-1	1967	1567	1825	1786	11.35	cps
Cadmium	108-1	129	163	129	140	13.72	cps
Calcium	43-1	7413706	7456621	7338381	7402903	0.81	cps
Calcium	44-1	121013278	122663623	120398329	121358410	0.97	cps
Carbon	12-1	4869139	4975185	4995814	4946712	1.37	cps
Carbon	12-2	56702	58434	58191	57775	1.62	cps
Chlorine	35-1	266927	268185	269051	268054	0.40	cps
Chlorine	35-2	1959	2009	1867	1945	3.70	cps
Chromium	52-2	3074	3224	3200	3166	2.55	cps
Cobalt	59-2	3040	3124	3064	3076	1.40	cps
Copper	63-2	4834	4574	4281	4563	6.07	cps
Dysprosium	156-1	908	1008	842	920	9.12	cps
Dysprosium	156-2	433	473	497	468	6.85	cps
Erbium	164-1	125	133	192	150	24.22	cps
Erbium	164-2	47	67	63	59	18.19	cps
Gadolinium	160-1	1042	1042	1175	1086	7.09	cps
Gadolinium	160-2	557	557	583	566	2.72	cps
Holmium	165-1	5523059	5476392	5701929	5567127	2.14	cps
Holmium	165-2	2351122	2386698	2379827	2372549	0.80	cps
Indium	115-1	5026850	4919509	5153060	5033140	2.32	cps
Indium	115-2	693507	707766	705347	702207	1.09	cps
Iron	54-2	12456920	12693544	12332429	12494298	1.47	cps
Iron	56-2	230822244	225939633	226475200	227745692	1.18	cps
Iron	57-2	5760999	5755976	5642711	5719895	1.17	cps

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 17:29:24	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1040	1017	1013	1023	1.42	cps
Lead	206-1	9493	8898	8653	9014	4.79	cps
Lead	207-1	8130	7836	7397	7788	4.74	cps
Lead	208-1	29818	29025	27290	28711	4.50	cps
Lithium	6-1	2484384	2516705	2632153	2544414	3.05	cps
Magnesium	24-2	46298824	47096435	46174503	46523254	1.08	cps
Manganese	55-2	3347	3500	3567	3472	3.25	cps
Molybdenum	94-1	4526	4142	3801	4156	8.73	cps
Molybdenum	95-1	5159	4934	4743	4945	4.22	cps
Molybdenum	96-1	9470	9078	8561	9037	5.05	cps
Molybdenum	97-1	3426	3376	2775	3192	11.33	cps
Molybdenum	98-1	7769	7444	6768	7327	6.97	cps
Neodymium	150-1	27	27	40	31	24.74	cps
Neodymium	150-2	10	20	10	13	43.30	cps
Nickel	60-2	960	847	787	864	10.18	cps
Phosphorus	31-2	100	100	100	100	0.01	cps
Potassium	39-2	17211529	16981372	16859901	17017601	1.05	cps
Rhodium	103-1	4681754	4729130	4945541	4785475	2.94	cps
Rhodium	103-2	1873332	1943749	1918570	1911884	1.87	cps
Scandium	45-1	3822859	3869398	4078866	3923708	3.48	cps
Scandium	45-2	109248	111753	111555	110852	1.26	cps
Selenium	82-1	146	168	145	153	8.44	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	50	55	49	51	6.26	cps
Silicon	28-1	13182527	13082668	13310449	13191881	0.87	cps
Silver	107-1	2542	2267	2667	2492	8.21	cps
Silver	109-1	2617	2200	2592	2470	9.46	cps
Sodium	23-2	87116281	89497673	86934881	87849612	1.63	cps
Strontium	86-1	8770	7961	8311	8347	4.86	cps
Strontium	88-1	62290	58891	56732	59304	4.72	cps
Sulfur	34-1	317634	317607	321180	318807	0.64	cps
Terbium	159-1	5839470	5813432	6258874	5970592	4.19	cps
Terbium	159-2	2427814	2425836	2470490	2441380	1.03	cps
Thallium	203-1	1884	1850	1633	1789	7.59	cps
Thallium	205-1	11327	10335	9613	10425	8.25	cps
Tin	118-1	1959	2150	2150	2086	5.30	cps

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 17:29:24	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1417	1125	975	1172	19.16	cps
Uranium	238-1	3167	2842	2842	2950	6.36	cps
Vanadium	51-2	317	273	240	277	13.90	cps
Ytterbium	172-1	8	25	17	17	50.01	cps
Ytterbium	172-2	28	0	11	13	107.86	cps
Ytterbium	176-1	575	483	558	539	9.06	cps
Ytterbium	176-2	322	322	333	326	1.97	cps
Yttrium	89-1	7192593	7305699	7656086	7384792	3.27	cps
Yttrium	89-2	699190	716050	711763	709001	1.24	cps
Zinc	66-2	2894	3094	2987	2991	3.35	cps
Zirconium	90-1	3200	2909	2917	3009	5.52	cps
Zirconium	91-1	633	617	675	642	4.68	cps

LB Number : LB115166 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2021-06-23 18:10:38 DataFile Name : 012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17080	16743	16492	16772	1.76	cps
Antimony	121-1	751831	777618	746744	758731	2.18	cps
Arsenic	75-2	23086	22498	22222	22602	1.95	cps
Barium	135-1	93849	94017	90536	92801	2.12	cps
Barium	137-1	163355	166157	157663	162392	2.67	cps
Beryllium	9-1	136622	137793	131382	135266	2.52	cps
Bismuth	209-1	3068015	2840027	2727763	2878602	6.02	cps
Bismuth	209-2	1491659	1490803	1462412	1481625	1.12	cps
Boron	10-1	49485	54927	56918	53777	7.16	cps
Boron	11-1	229562	254901	264614	249692	7.25	cps
Bromine	81-1	10345	10074	10996	10471	4.52	cps
Cadmium	111-1	102768	106005	100459	103077	2.70	cps
Cadmium	106-1	17787	18663	17904	18118	2.63	cps
Cadmium	108-1	10533	10337	9737	10202	4.07	cps
Calcium	43-1	34942	35037	33276	34418	2.88	cps
Calcium	44-1	481329	493758	462912	479333	3.24	cps
Carbon	12-1	4292499	4375176	4514614	4394097	2.55	cps
Carbon	12-2	43699	44434	44969	44368	1.44	cps
Chlorine	35-1	292616	314437	320551	309201	4.75	cps
Chlorine	35-2	2584	2175	2559	2439	9.39	cps
Chromium	52-2	122684	118465	117461	119537	2.32	cps
Cobalt	59-2	211018	205545	202452	206338	2.10	cps
Copper	63-2	162884	159211	156708	159601	1.95	cps
Dysprosium	156-1	25	17	17	19	24.73	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	67	42	17	42	60.00	cps
Erbium	164-2	17	17	13	16	12.40	cps
Gadolinium	160-1	50	67	33	50	33.34	cps
Gadolinium	160-2	7	3	17	9	78.08	cps
Holmium	165-1	5278874	5133683	4597560	5003372	7.17	cps
Holmium	165-2	2230706	2216648	2146004	2197786	2.07	cps
Indium	115-1	5209951	4821368	4489846	4840388	7.45	cps
Indium	115-2	679345	680587	671995	677309	0.69	cps
Iron	54-2	106074	103051	102291	103806	1.93	cps
Iron	56-2	1939017	1896283	1867364	1900888	1.90	cps
Iron	57-2	46024	46247	45913	46061	0.37	cps

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 18:10:38	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	937	1020	1213	1057	13.43	cps
Lead	206-1	510624	521146	484762	505510	3.70	cps
Lead	207-1	421435	446244	414559	427413	3.90	cps
Lead	208-1	1541643	1645556	1548487	1578562	3.68	cps
Lithium	6-1	2583808	2518124	2316460	2472797	5.63	cps
Magnesium	24-2	110290	108260	106286	108279	1.85	cps
Manganese	55-2	58780	57592	56809	57727	1.72	cps
Molybdenum	94-1	4750795	4702749	4608123	4687222	1.55	cps
Molybdenum	95-1	5825160	5832200	5543288	5733549	2.87	cps
Molybdenum	96-1	6551640	6517166	6098827	6389211	3.95	cps
Molybdenum	97-1	3589705	3643164	3460730	3564533	2.63	cps
Molybdenum	98-1	9325494	9324536	8815819	9155283	3.21	cps
Neodymium	150-1	40	20	27	29	35.25	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	59079	56675	56545	57433	2.48	cps
Phosphorus	31-2	117	42	58	72	54.52	cps
Potassium	39-2	150117	149375	148257	149249	0.63	cps
Rhodium	103-1	5144734	4840177	4453481	4812798	7.20	cps
Rhodium	103-2	1974997	1952315	1938781	1955364	0.94	cps
Scandium	45-1	3978686	3693627	3396203	3689506	7.89	cps
Scandium	45-2	108865	107733	107763	108120	0.60	cps
Selenium	82-1	15746	15929	15169	15615	2.54	cps
Selenium	77-2	433	453	453	447	2.58	cps
Selenium	78-2	1580	1461	1482	1508	4.21	cps
Silicon	28-1	13439358	13385353	13428174	13417628	0.21	cps
Silver	107-1	253355	251309	241759	248808	2.49	cps
Silver	109-1	236361	246396	230771	237843	3.33	cps
Sodium	23-2	366890	362807	359059	362919	1.08	cps
Strontium	86-1	7389659	7499180	7087726	7325522	2.91	cps
Strontium	88-1	63920097	64328929	60560576	62936534	3.29	cps
Sulfur	34-1	347629	347157	342011	345599	0.90	cps
Terbium	159-1	5762625	5618453	4999520	5460199	7.43	cps
Terbium	159-2	2266526	2239221	2239124	2248290	0.70	cps
Thallium	203-1	616731	639522	604018	620090	2.90	cps
Thallium	205-1	1510232	1555524	1469779	1511845	2.84	cps
Tin	118-1	1668079	1669255	1616967	1651434	1.81	cps

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 18:10:38	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1780881	1801131	1695497	1759170	3.19	cps
Uranium	238-1	4684684	4670822	4535008	4630171	1.79	cps
Vanadium	51-2	95536	92020	89692	92416	3.18	cps
Ytterbium	172-1	17	8	17	14	34.67	cps
Ytterbium	172-2	6	0	6	4	86.60	cps
Ytterbium	176-1	608	492	467	522	14.48	cps
Ytterbium	176-2	622	644	606	624	3.13	cps
Yttrium	89-1	7326455	6915049	6324190	6855231	7.35	cps
Yttrium	89-2	676019	677753	668292	674021	0.75	cps
Zinc	66-2	37219	36013	36256	36496	1.75	cps
Zirconium	90-1	3970459	4075271	3833290	3959674	3.06	cps
Zirconium	91-1	867824	887982	841585	865797	2.69	cps

LB Number : LB115166 Operator : Jaswal
 Lab Sample ID : LLICV Instrumnet Name : P8
 Client Sample ID : LLICV Dilution Factor : 1
 Date & Time Acquired :: 2021-06-23 18:26:59 DataFile Name : 013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	781	809	796	795	1.73	cps
Antimony	121-1	7969	7994	7102	7688	6.61	cps
Arsenic	75-2	124	124	118	122	2.84	cps
Barium	135-1	9704	9445	8962	9370	4.02	cps
Barium	137-1	16752	16460	14950	16054	6.02	cps
Beryllium	9-1	1350	1458	1350	1386	4.50	cps
Bismuth	209-1	2797948	2768260	2679507	2748572	2.24	cps
Bismuth	209-2	1373168	1391471	1432528	1399056	2.17	cps
Boron	10-1	3432	3542	3530	3501	1.72	cps
Boron	11-1	15247	16734	16796	16259	5.39	cps
Bromine	81-1	11457	11326	11156	11313	1.33	cps
Cadmium	111-1	1671	1602	1513	1596	4.96	cps
Cadmium	106-1	1442	1417	1500	1453	2.94	cps
Cadmium	108-1	71	117	58	82	37.49	cps
Calcium	43-1	7022	7164	6447	6878	5.52	cps
Calcium	44-1	138301	137188	130972	135487	2.91	cps
Carbon	12-1	4057622	4251405	4230028	4179685	2.54	cps
Carbon	12-2	42328	42320	42654	42434	0.45	cps
Chlorine	35-1	216773	221974	222143	220297	1.39	cps
Chlorine	35-2	1550	1625	1492	1556	4.30	cps
Chromium	52-2	2977	2837	3074	2963	4.02	cps
Cobalt	59-2	1997	2094	2260	2117	6.29	cps
Copper	63-2	2940	3294	3107	3114	5.68	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	3	0	10	4	114.60	cps
Erbium	164-1	25	25	25	25	0.00	cps
Erbium	164-2	13	3	10	9	57.30	cps
Gadolinium	160-1	25	42	33	33	25.00	cps
Gadolinium	160-2	3	10	20	11	75.52	cps
Holmium	165-1	4723632	4960130	4648387	4777383	3.41	cps
Holmium	165-2	2049014	2070882	2211164	2110353	4.17	cps
Indium	115-1	4686006	4816726	4464910	4655881	3.82	cps
Indium	115-2	654023	662733	685516	667424	2.44	cps
Iron	54-2	2745	3028	3089	2954	6.22	cps
Iron	56-2	48750	48260	49804	48938	1.61	cps
Iron	57-2	1117	1178	1178	1157	3.05	cps

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 18:26:59	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1043	900	1047	997	8.40	cps
Lead	206-1	2761	2878	2295	2645	11.67	cps
Lead	207-1	2584	2434	2356	2458	4.71	cps
Lead	208-1	9099	8907	8827	8944	1.56	cps
Lithium	6-1	2306622	2397052	2255930	2319868	3.08	cps
Magnesium	24-2	44720	45195	46609	45508	2.16	cps
Manganese	55-2	690	567	600	619	10.31	cps
Molybdenum	94-1	9587	10162	8911	9554	6.55	cps
Molybdenum	95-1	11330	11947	10930	11402	4.50	cps
Molybdenum	96-1	13190	13340	11797	12776	6.66	cps
Molybdenum	97-1	7377	6960	6568	6969	5.80	cps
Molybdenum	98-1	17954	17703	17511	17723	1.25	cps
Neodymium	150-1	27	7	13	16	65.47	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	677	637	607	640	5.49	cps
Phosphorus	31-2	108	58	58	75	38.49	cps
Potassium	39-2	50523	50347	50288	50386	0.24	cps
Rhodium	103-1	4571614	4818560	4401364	4597179	4.56	cps
Rhodium	103-2	1870433	1896431	1921741	1896202	1.35	cps
Scandium	45-1	3499611	3597798	3375474	3490961	3.19	cps
Scandium	45-2	105608	104738	109731	106692	2.50	cps
Selenium	82-1	433	577	401	470	19.89	cps
Selenium	77-2	7	23	10	13	66.12	cps
Selenium	78-2	99	76	92	89	13.25	cps
Silicon	28-1	13047816	12924709	13095230	13022585	0.68	cps
Silver	107-1	5018	5084	5218	5107	1.99	cps
Silver	109-1	5218	4726	4443	4795	8.18	cps
Sodium	23-2	99371	99900	103197	100823	2.06	cps
Strontium	86-1	3300	3484	2784	3189	11.38	cps
Strontium	88-1	12848	13532	12356	12912	4.57	cps
Sulfur	34-1	341368	345223	339749	342113	0.82	cps
Terbium	159-1	5102712	5406503	5054425	5187880	3.68	cps
Terbium	159-2	2147324	2105757	2211653	2154911	2.48	cps
Thallium	203-1	3034	3284	2884	3067	6.59	cps
Thallium	205-1	9477	9232	9234	9314	1.51	cps
Tin	118-1	17687	16694	15426	16602	6.83	cps

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 18:26:59	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3934	4226	3651	3937	7.31	cps
Uranium	238-1	9087	8561	7736	8461	8.05	cps
Vanadium	51-2	4938	4801	4657	4799	2.92	cps
Ytterbium	172-1	8	0	25	11	114.58	cps
Ytterbium	172-2	6	0	6	4	86.60	cps
Ytterbium	176-1	475	425	408	436	7.96	cps
Ytterbium	176-2	494	506	472	491	3.46	cps
Yttrium	89-1	6633345	6798670	6506259	6646091	2.21	cps
Yttrium	89-2	646446	653058	683177	660894	2.96	cps
Zinc	66-2	540	557	597	564	5.16	cps
Zirconium	90-1	8419	7953	7727	8033	4.39	cps
Zirconium	91-1	1867	2042	1583	1831	12.64	cps

LB Number : LB115166 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-06-23 18:33:18 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	141	136	130	136	4.15	cps
Antimony	121-1	67	58	67	64	7.53	cps
Arsenic	75-2	3	10	7	7	52.68	cps
Barium	135-1	17	17	25	19	24.73	cps
Barium	137-1	0	25	33	19	89.21	cps
Beryllium	9-1	32	36	32	33	6.93	cps
Bismuth	209-1	2787218	2820072	2647220	2751503	3.34	cps
Bismuth	209-2	1412167	1463707	1469207	1448360	2.17	cps
Boron	10-1	1188	1014	1002	1068	9.75	cps
Boron	11-1	5174	4890	4978	5014	2.90	cps
Bromine	81-1	10966	11146	11436	11183	2.12	cps
Cadmium	111-1	751	779	660	730	8.48	cps
Cadmium	106-1	1500	1558	1342	1467	7.64	cps
Cadmium	108-1	4	13	21	13	66.64	cps
Calcium	43-1	174	168	186	176	5.32	cps
Calcium	44-1	23887	23654	23464	23668	0.90	cps
Carbon	12-1	4067269	4119548	4052978	4079932	0.86	cps
Carbon	12-2	41025	40991	40155	40724	1.21	cps
Chlorine	35-1	196979	198431	200484	198631	0.89	cps
Chlorine	35-2	1558	1542	1492	1531	2.27	cps
Chromium	52-2	597	707	620	641	9.04	cps
Cobalt	59-2	80	120	103	101	19.87	cps
Copper	63-2	193	233	203	210	9.91	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	33	8	25	22	57.29	cps
Erbium	164-2	20	13	10	14	35.26	cps
Gadolinium	160-1	33	33	17	28	34.63	cps
Gadolinium	160-2	3	17	10	10	66.70	cps
Holmium	165-1	4942531	4886639	4580431	4803200	4.06	cps
Holmium	165-2	2062650	2187889	2192554	2147697	3.43	cps
Indium	115-1	4892388	4757524	4479849	4709920	4.47	cps
Indium	115-2	670374	698169	705621	691388	2.69	cps
Iron	54-2	467	367	428	420	11.99	cps
Iron	56-2	2778	2728	2839	2782	2.00	cps
Iron	57-2	83	100	50	78	32.73	cps

LB Number : LB115166 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-06-23 18:33:18 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1040	1147	1033	1073	5.93	cps
Lead	206-1	428	333	294	352	19.49	cps
Lead	207-1	367	356	283	335	13.50	cps
Lead	208-1	1186	1356	1158	1233	8.66	cps
Lithium	6-1	2406984	2404689	2234605	2348760	4.21	cps
Magnesium	24-2	267	225	158	217	25.22	cps
Manganese	55-2	33	50	37	40	22.05	cps
Molybdenum	94-1	108	67	150	108	38.46	cps
Molybdenum	95-1	25	33	42	33	25.01	cps
Molybdenum	96-1	100	133	142	125	17.64	cps
Molybdenum	97-1	25	17	8	17	50.01	cps
Molybdenum	98-1	33	67	42	47	36.74	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	30	27	17	24	28.38	cps
Phosphorus	31-2	108	108	67	94	25.47	cps
Potassium	39-2	16718	16877	17227	16941	1.54	cps
Rhodium	103-1	4691202	4687025	4476228	4618152	2.66	cps
Rhodium	103-2	1895543	1966267	2009547	1957119	2.94	cps
Scandium	45-1	3622948	3584170	3365271	3524130	3.94	cps
Scandium	45-2	106494	110766	111545	109602	2.48	cps
Selenium	82-1	-23	-87	67	-14	-548.21	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	37	46	50	44	15.03	cps
Silicon	28-1	13261347	13075048	13440865	13259087	1.38	cps
Silver	107-1	25	92	58	58	57.14	cps
Silver	109-1	42	67	50	53	24.12	cps
Sodium	23-2	12731	13165	13098	12998	1.80	cps
Strontium	86-1	1742	1825	1642	1736	5.29	cps
Strontium	88-1	133	200	167	167	20.00	cps
Sulfur	34-1	350419	346270	347007	347899	0.64	cps
Terbium	159-1	5263057	5210038	4928658	5133918	3.50	cps
Terbium	159-2	2211720	2258862	2301107	2257230	1.98	cps
Thallium	203-1	342	233	325	300	19.44	cps
Thallium	205-1	1286	1224	1243	1251	2.54	cps
Tin	118-1	683	625	558	622	10.05	cps

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 18:33:18	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	242	192	142	192	26.09	cps
Uranium	238-1	8	17	0	8	100.02	cps
Vanadium	51-2	3	3	3	3	0.00	cps
Ytterbium	172-1	8	8	8	8	0.00	cps
Ytterbium	172-2	0	0	6	2	173.21	cps
Ytterbium	176-1	450	525	642	539	17.92	cps
Ytterbium	176-2	256	361	361	326	18.70	cps
Yttrium	89-1	6857912	6901694	6527623	6762410	3.02	cps
Yttrium	89-2	663263	688112	695793	682389	2.49	cps
Zinc	66-2	140	187	197	174	17.34	cps
Zirconium	90-1	375	250	275	300	22.05	cps
Zirconium	91-1	117	92	75	94	22.21	cps

LB Number : LB115166 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2021-06-23 18:36:23 DataFile Name : 016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3135624	3105619	3056746	3099330	1.28	cps
Antimony	121-1	4584	4851	4493	4643	4.01	cps
Arsenic	75-2	40	32	36	36	11.11	cps
Barium	135-1	1458	1500	1408	1456	3.15	cps
Barium	137-1	2300	2142	2484	2309	7.41	cps
Beryllium	9-1	412	432	368	404	8.10	cps
Bismuth	209-1	3006802	3054881	3030294	3030659	0.79	cps
Bismuth	209-2	1521387	1804986	1550964	1625779	9.59	cps
Boron	10-1	1178	1198	1204	1193	1.14	cps
Boron	11-1	5276	5180	4846	5101	4.43	cps
Bromine	81-1	11697	10956	11346	11333	3.27	cps
Cadmium	111-1	1134	1123	1089	1115	2.08	cps
Cadmium	106-1	1500	1633	1575	1570	4.26	cps
Cadmium	108-1	863	783	742	796	7.71	cps
Calcium	43-1	1486367	1511193	1474372	1490644	1.26	cps
Calcium	44-1	24037059	24356573	24204776	24199469	0.66	cps
Carbon	12-1	19426511	20324528	20360945	20037328	2.64	cps
Carbon	12-2	202302	202370	198438	201036	1.12	cps
Chlorine	35-1	6859916	9095951	10564768	8840212	21.10	cps
Chlorine	35-2	93838	100424	104316	99526	5.32	cps
Chromium	52-2	24942	24518	25055	24838	1.14	cps
Cobalt	59-2	2387	2630	2597	2538	5.20	cps
Copper	63-2	12492	11988	12469	12317	2.31	cps
Dysprosium	156-1	58	17	8	28	96.44	cps
Dysprosium	156-2	7	0	33	13	132.27	cps
Erbium	164-1	33	58	25	39	44.62	cps
Erbium	164-2	20	7	10	12	56.76	cps
Gadolinium	160-1	58	67	58	61	7.88	cps
Gadolinium	160-2	33	13	13	20	57.74	cps
Holmium	165-1	5345835	5499563	5340372	5395257	1.68	cps
Holmium	165-2	2396211	2705629	2478262	2526701	6.34	cps
Indium	115-1	4937025	5131769	5035784	5034859	1.93	cps
Indium	115-2	725685	821503	735469	760886	6.93	cps
Iron	54-2	5309423	5200251	5191206	5233626	1.26	cps
Iron	56-2	95983352	95066074	94224835	95091421	0.92	cps
Iron	57-2	2437151	2430503	2418279	2428644	0.39	cps

LB Number : LB115166 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2021-06-23 18:36:23 DataFile Name : 016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	997	1140	1147	1095	7.74	cps
Lead	206-1	16616	18552	18330	17833	5.94	cps
Lead	207-1	13441	15014	14091	14182	5.58	cps
Lead	208-1	49275	55560	51671	52169	6.08	cps
Lithium	6-1	2533460	2592790	2636722	2587657	2.00	cps
Magnesium	24-2	9190183	8971940	8908393	9023505	1.64	cps
Manganese	55-2	4484	4307	4314	4368	2.29	cps
Molybdenum	94-1	2615571	2613166	2594926	2607888	0.43	cps
Molybdenum	95-1	4494053	4639290	4554194	4562512	1.60	cps
Molybdenum	96-1	4825503	4976214	4919368	4907028	1.55	cps
Molybdenum	97-1	2828087	2856641	2820420	2835050	0.67	cps
Molybdenum	98-1	7180282	7317772	7267123	7255059	0.96	cps
Neodymium	150-1	13	33	7	18	78.05	cps
Neodymium	150-2	3	3	10	6	69.34	cps
Nickel	60-2	2947	3024	2937	2969	1.60	cps
Phosphorus	31-2	171767	168141	169187	169698	1.10	cps
Potassium	39-2	6913947	6770210	6826703	6836953	1.06	cps
Rhodium	103-1	4806202	4876462	4824704	4835790	0.75	cps
Rhodium	103-2	2025526	2342995	2040217	2136246	8.39	cps
Scandium	45-1	3865370	3858605	3842325	3855433	0.31	cps
Scandium	45-2	116320	130352	116326	120999	6.69	cps
Selenium	82-1	116	-79	-44	-2	-4390.67	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	46	41	46	44	6.51	cps
Silicon	28-1	13439987	13274708	13382947	13365881	0.63	cps
Silver	107-1	200	325	267	264	23.70	cps
Silver	109-1	150	133	158	147	8.65	cps
Sodium	23-2	18239238	17731493	17574472	17848401	1.95	cps
Strontium	86-1	54532	54766	53319	54206	1.43	cps
Strontium	88-1	452348	457286	449440	453025	0.88	cps
Sulfur	34-1	2228435	2151247	2139075	2172919	2.23	cps
Terbium	159-1	5636477	5807865	5867448	5770597	2.08	cps
Terbium	159-2	2481385	2776537	2462187	2573370	6.85	cps
Thallium	203-1	1167	1600	1884	1550	23.29	cps
Thallium	205-1	3198	4541	4753	4164	20.26	cps
Tin	118-1	1017	1425	1517	1320	20.18	cps

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 18:36:23	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1486881	1493303	1485639	1488607	0.28	cps
Uranium	238-1	125	167	125	139	17.32	cps
Vanadium	51-2	147	120	120	129	11.95	cps
Ytterbium	172-1	8	8	0	6	86.60	cps
Ytterbium	172-2	11	6	11	9	34.60	cps
Ytterbium	176-1	558	592	525	558	5.97	cps
Ytterbium	176-2	400	483	400	428	11.25	cps
Yttrium	89-1	7217296	7359859	7391980	7323045	1.27	cps
Yttrium	89-2	723614	817223	733621	758152	6.78	cps
Zinc	66-2	2110	2214	2347	2224	5.34	cps
Zirconium	90-1	592	500	450	514	13.98	cps
Zirconium	91-1	83	175	108	122	38.77	cps

LB Number : LB115166 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P8
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-06-23 18:39:18 DataFile Name : 017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3274712	3132544	3131024	3179427	2.60	cps
Antimony	121-1	84041	87110	85333	85495	1.80	cps
Arsenic	75-2	2405	2341	2351	2366	1.46	cps
Barium	135-1	21409	20241	21167	20939	2.95	cps
Barium	137-1	35982	37260	37912	37051	2.65	cps
Beryllium	9-1	28402	28730	28758	28630	0.69	cps
Bismuth	209-1	3046282	3087404	3068289	3067325	0.67	cps
Bismuth	209-2	1535719	1414724	1480210	1476884	4.10	cps
Boron	10-1	7318	7865	8101	7761	5.17	cps
Boron	11-1	33878	36694	36889	35820	4.70	cps
Bromine	81-1	10575	11827	11967	11457	6.69	cps
Cadmium	111-1	20797	22016	21579	21464	2.88	cps
Cadmium	106-1	4209	4476	4159	4281	3.98	cps
Cadmium	108-1	2396	2288	2238	2307	3.51	cps
Calcium	43-1	1486984	1504532	1472534	1488017	1.08	cps
Calcium	44-1	24212937	24506542	24214225	24311235	0.70	cps
Carbon	12-1	19544825	20500513	20557201	20200846	2.82	cps
Carbon	12-2	202674	196873	200226	199924	1.46	cps
Chlorine	35-1	12318163	14376726	15223216	13972702	10.69	cps
Chlorine	35-2	124002	127912	128888	126934	2.04	cps
Chromium	52-2	49224	48853	48385	48821	0.86	cps
Cobalt	59-2	44586	44118	43597	44100	1.12	cps
Copper	63-2	44934	43814	44704	44484	1.33	cps
Dysprosium	156-1	25	50	50	42	34.64	cps
Dysprosium	156-2	7	3	13	8	65.47	cps
Erbium	164-1	25	67	42	44	47.19	cps
Erbium	164-2	0	13	10	8	89.21	cps
Gadolinium	160-1	42	58	33	44	28.64	cps
Gadolinium	160-2	3	27	7	12	103.26	cps
Holmium	165-1	5358894	5434519	5522372	5438595	1.50	cps
Holmium	165-2	2394382	2202813	2336590	2311262	4.25	cps
Indium	115-1	5152933	5154038	5010229	5105734	1.62	cps
Indium	115-2	721940	660093	703657	695230	4.57	cps
Iron	54-2	5405933	5315906	5221429	5314422	1.74	cps
Iron	56-2	96565941	95689283	95284072	95846432	0.68	cps
Iron	57-2	2468865	2409258	2455129	2444417	1.28	cps

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 18:39:18	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	967	1053	1100	1040	6.51	cps
Lead	206-1	63879	64527	63790	64065	0.63	cps
Lead	207-1	52406	54180	52969	53185	1.70	cps
Lead	208-1	189069	195544	192892	192502	1.69	cps
Lithium	6-1	2625319	2616399	2675511	2639077	1.21	cps
Magnesium	24-2	9268629	9060678	8983262	9104189	1.62	cps
Manganese	55-2	16526	16243	16576	16448	1.09	cps
Molybdenum	94-1	2843535	2808424	2829818	2827259	0.63	cps
Molybdenum	95-1	4668563	4640659	4700994	4670072	0.65	cps
Molybdenum	96-1	5031473	4940282	4995169	4988975	0.92	cps
Molybdenum	97-1	2868806	2857810	2907108	2877908	0.90	cps
Molybdenum	98-1	7355182	7324221	7384958	7354787	0.41	cps
Neodymium	150-1	7	27	33	22	62.43	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	14254	14331	14588	14391	1.21	cps
Phosphorus	31-2	175155	168664	169642	171154	2.04	cps
Potassium	39-2	7078174	6858489	6767926	6901530	2.31	cps
Rhodium	103-1	4916137	4884284	4900750	4900390	0.33	cps
Rhodium	103-2	2020681	1821555	1942639	1928292	5.20	cps
Scandium	45-1	3875882	3913312	3905242	3898146	0.51	cps
Scandium	45-2	117761	105737	110632	111377	5.43	cps
Selenium	82-1	1771	1714	1719	1735	1.82	cps
Selenium	77-2	23	43	23	30	38.49	cps
Selenium	78-2	199	194	202	198	2.04	cps
Silicon	28-1	13680700	13469415	13736102	13628739	1.03	cps
Silver	107-1	101488	105184	102296	102989	1.89	cps
Silver	109-1	96698	95715	98862	97092	1.66	cps
Sodium	23-2	18574166	18171314	17999743	18248408	1.62	cps
Strontium	86-1	138186	140266	139877	139443	0.79	cps
Strontium	88-1	1190813	1210960	1186835	1196203	1.08	cps
Sulfur	34-1	2177068	2226775	2126312	2176718	2.31	cps
Terbium	159-1	5958746	5948718	5746541	5884668	2.03	cps
Terbium	159-2	2487589	2246325	2386930	2373615	5.11	cps
Thallium	203-1	62367	65013	63757	63712	2.08	cps
Thallium	205-1	152620	156323	156456	155133	1.40	cps
Tin	118-1	181292	181663	181306	181420	0.12	cps

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 18:39:18	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1488062	1539461	1519635	1515719	1.71	cps
Uranium	238-1	514882	515507	516396	515595	0.15	cps
Vanadium	51-2	19563	19584	19089	19412	1.44	cps
Ytterbium	172-1	17	17	58	31	78.72	cps
Ytterbium	172-2	0	11	6	6	99.97	cps
Ytterbium	176-1	517	600	492	536	10.58	cps
Ytterbium	176-2	283	372	356	337	14.02	cps
Yttrium	89-1	7431255	7469741	7333905	7411634	0.94	cps
Yttrium	89-2	722781	662840	696347	693989	4.33	cps
Zinc	66-2	6175	6308	6105	6196	1.67	cps
Zirconium	90-1	442871	451316	449372	447853	0.99	cps
Zirconium	91-1	97675	98145	96969	97596	0.61	cps

LB Number : LB115166 Operator : Jaswal
 Lab Sample ID : CCV28 Instrumnet Name : P8
 Client Sample ID : CCV28 Dilution Factor : 1
 Date & Time Acquired :: 2021-06-23 18:42:12 DataFile Name : 018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1733629	1739198	1712865	1728564	0.80	cps
Antimony	121-1	2041243	2068993	2052877	2054371	0.68	cps
Arsenic	75-2	57467	56328	56435	56743	1.11	cps
Barium	135-1	2610437	2602598	2579982	2597672	0.61	cps
Barium	137-1	4413163	4427088	4326990	4389080	1.24	cps
Beryllium	9-1	698580	700026	697537	698714	0.18	cps
Bismuth	209-1	2991537	2956103	2899775	2949138	1.57	cps
Bismuth	209-2	1497026	1475517	1483568	1485370	0.73	cps
Boron	10-1	59897	61748	64039	61895	3.35	cps
Boron	11-1	276378	284967	292665	284670	2.86	cps
Bromine	81-1	11196	10685	10515	10799	3.28	cps
Cadmium	111-1	504211	508287	503505	505334	0.51	cps
Cadmium	106-1	55144	56224	55839	55735	0.98	cps
Cadmium	108-1	37146	38211	37075	37477	1.70	cps
Calcium	43-1	3639086	3576660	3745260	3653669	2.33	cps
Calcium	44-1	60285180	59600886	61098451	60328173	1.24	cps
Carbon	12-1	4905832	5129061	5199024	5077973	3.02	cps
Carbon	12-2	56208	55631	56677	56172	0.93	cps
Chlorine	35-1	4184915	3903837	3747707	3945486	5.62	cps
Chlorine	35-2	26208	24847	22994	24683	6.54	cps
Chromium	52-2	620530	608510	609547	612863	1.09	cps
Cobalt	59-2	1046573	1028374	1034507	1036485	0.89	cps
Copper	63-2	7938169	7811953	7773032	7841051	1.10	cps
Dysprosium	156-1	458	558	525	514	9.91	cps
Dysprosium	156-2	253	247	210	237	9.86	cps
Erbium	164-1	50	83	133	89	47.19	cps
Erbium	164-2	33	40	57	43	27.74	cps
Gadolinium	160-1	425	725	558	569	26.40	cps
Gadolinium	160-2	260	263	267	263	1.26	cps
Holmium	165-1	5493486	5535341	5178179	5402335	3.61	cps
Holmium	165-2	2416704	2369556	2332983	2373081	1.77	cps
Indium	115-1	5097460	5148047	4871007	5038838	2.93	cps
Indium	115-2	703351	701612	708847	704603	0.54	cps
Iron	54-2	6759729	6759313	6699316	6739452	0.52	cps
Iron	56-2	121170972	120905128	119739050	120605050	0.63	cps
Iron	57-2	3088491	3097350	3094765	3093535	0.15	cps

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P8
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 18:42:12	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1030	1100	1100	1077	3.75	cps
Lead	206-1	6646230	6573222	6579680	6599711	0.61	cps
Lead	207-1	5690944	5790914	5556295	5679385	2.07	cps
Lead	208-1	20764112	21211868	20512622	20829534	1.70	cps
Lithium	6-1	2667154	2613040	2496152	2592116	3.37	cps
Magnesium	24-2	25144703	24721396	24893965	24920021	0.85	cps
Manganese	55-2	3142168	3141015	3077804	3120329	1.18	cps
Molybdenum	94-1	5041874	4999452	5019110	5020145	0.42	cps
Molybdenum	95-1	6142329	6273614	6137963	6184635	1.25	cps
Molybdenum	96-1	6829345	6980801	6851442	6887196	1.19	cps
Molybdenum	97-1	3825021	3778989	3827710	3810573	0.72	cps
Molybdenum	98-1	9858967	9923374	9790400	9857580	0.67	cps
Neodymium	150-1	100	107	107	104	3.69	cps
Neodymium	150-2	27	7	7	13	86.58	cps
Nickel	60-2	280386	276553	276514	277818	0.80	cps
Phosphorus	31-2	17561	17970	17761	17764	1.15	cps
Potassium	39-2	9023598	8844329	8905575	8924501	1.02	cps
Rhodium	103-1	4806921	4826502	4581250	4738224	2.88	cps
Rhodium	103-2	1977752	1910347	1948370	1945490	1.74	cps
Scandium	45-1	3873201	3925916	3692715	3830611	3.19	cps
Scandium	45-2	115705	113205	115681	114863	1.25	cps
Selenium	82-1	43079	43137	42619	42945	0.66	cps
Selenium	77-2	1020	1033	937	997	5.26	cps
Selenium	78-2	3558	3528	3562	3549	0.52	cps
Silicon	28-1	15084053	15122020	15208439	15138170	0.42	cps
Silver	107-1	2698245	2757163	2715400	2723603	1.11	cps
Silver	109-1	2542610	2560435	2487735	2530260	1.50	cps
Sodium	23-2	47110130	46340553	46363426	46604703	0.94	cps
Strontium	86-1	7856870	7808538	7697562	7787657	1.05	cps
Strontium	88-1	68347020	68092887	67108956	67849621	0.96	cps
Sulfur	34-1	573216	572100	566589	570635	0.62	cps
Terbium	159-1	5860903	5975681	5541173	5792586	3.89	cps
Terbium	159-2	2431402	2367003	2451812	2416739	1.83	cps
Thallium	203-1	1511643	1582528	1514683	1536285	2.61	cps
Thallium	205-1	3819643	3848062	3794719	3820808	0.70	cps
Tin	118-1	1784763	1790831	1765716	1780437	0.74	cps

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P8
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 18:42:12	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1959018	1928675	1886069	1924587	1.90	cps
Uranium	238-1	5063259	5024909	4959940	5016036	1.04	cps
Vanadium	51-2	495190	494740	493822	494584	0.14	cps
Ytterbium	172-1	42	25	50	39	32.73	cps
Ytterbium	172-2	11	11	0	7	86.60	cps
Ytterbium	176-1	650	717	550	639	13.13	cps
Ytterbium	176-2	267	367	356	330	16.63	cps
Yttrium	89-1	7481994	7535677	7001462	7339711	4.01	cps
Yttrium	89-2	725693	714418	714579	718230	0.90	cps
Zinc	66-2	906761	901042	904484	904096	0.32	cps
Zirconium	90-1	4232553	4246665	4195795	4225004	0.62	cps
Zirconium	91-1	925874	937999	929749	931208	0.67	cps

LB Number : LB115166 Operator : Jaswal
 Lab Sample ID : CCB28 Instrumnet Name : P8
 Client Sample ID : CCB28 Dilution Factor : 1
 Date & Time Acquired :: 2021-06-23 18:51:24 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	186	191	220	199	9.15	cps
Antimony	121-1	200	208	183	197	6.45	cps
Arsenic	75-2	5	3	4	4	25.00	cps
Barium	135-1	33	42	33	36	13.33	cps
Barium	137-1	42	125	17	61	92.82	cps
Beryllium	9-1	46	56	56	53	10.96	cps
Bismuth	209-1	2956357	2908121	2708199	2857559	4.60	cps
Bismuth	209-2	1503121	1506846	1514818	1508262	0.40	cps
Boron	10-1	1402	1290	1260	1317	5.68	cps
Boron	11-1	6342	6150	5762	6085	4.86	cps
Bromine	81-1	10775	10976	10174	10642	3.92	cps
Cadmium	111-1	591	734	668	664	10.80	cps
Cadmium	106-1	1158	1442	1300	1300	10.90	cps
Cadmium	108-1	25	17	17	19	24.73	cps
Calcium	43-1	237	216	225	226	4.61	cps
Calcium	44-1	26726	26839	25967	26511	1.79	cps
Carbon	12-1	4234632	4330731	4224969	4263444	1.37	cps
Carbon	12-2	41643	42445	43666	42585	2.39	cps
Chlorine	35-1	1035176	1029564	1027482	1030741	0.39	cps
Chlorine	35-2	7285	7310	7410	7335	0.90	cps
Chromium	52-2	747	713	630	697	8.63	cps
Cobalt	59-2	70	80	70	73	7.87	cps
Copper	63-2	307	337	430	358	17.98	cps
Dysprosium	156-1	25	0	0	8	173.21	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	17	25	33	25	33.32	cps
Erbium	164-2	3	13	10	9	57.30	cps
Gadolinium	160-1	42	25	25	31	31.50	cps
Gadolinium	160-2	20	13	10	14	35.26	cps
Holmium	165-1	5133592	5100076	4747436	4993701	4.28	cps
Holmium	165-2	2239533	2231504	2285272	2252103	1.29	cps
Indium	115-1	4859776	4856698	4574788	4763754	3.44	cps
Indium	115-2	697954	706712	703464	702710	0.63	cps
Iron	54-2	433	483	500	472	7.35	cps
Iron	56-2	4228	3973	4390	4197	5.01	cps
Iron	57-2	133	83	144	120	27.05	cps

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P8
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 18:51:24	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	993	1017	997	1002	1.26	cps
Lead	206-1	833	789	906	843	6.99	cps
Lead	207-1	594	744	694	678	11.27	cps
Lead	208-1	2372	2678	2436	2496	6.46	cps
Lithium	6-1	2492397	2478386	2347602	2439461	3.27	cps
Magnesium	24-2	567	600	600	589	3.27	cps
Manganese	55-2	73	73	67	71	5.41	cps
Molybdenum	94-1	283	258	375	306	20.10	cps
Molybdenum	95-1	258	217	225	233	9.45	cps
Molybdenum	96-1	242	300	200	247	20.32	cps
Molybdenum	97-1	133	67	100	100	33.33	cps
Molybdenum	98-1	300	267	292	286	6.06	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	27	27	33	29	13.31	cps
Phosphorus	31-2	58	100	42	67	45.07	cps
Potassium	39-2	17419	18262	18487	18056	3.12	cps
Rhodium	103-1	4822325	4827974	4513283	4721194	3.81	cps
Rhodium	103-2	2015456	2032790	1987363	2011870	1.14	cps
Scandium	45-1	3736110	3648295	3435613	3606673	4.28	cps
Scandium	45-2	111542	111072	110339	110984	0.55	cps
Selenium	82-1	24	72	16	37	81.84	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	44	30	45	40	21.14	cps
Silicon	28-1	13468466	13422432	13607922	13499607	0.72	cps
Silver	107-1	100	108	100	103	4.68	cps
Silver	109-1	167	92	108	122	32.22	cps
Sodium	23-2	18938	18863	18737	18846	0.54	cps
Strontium	86-1	1583	1725	1592	1633	4.87	cps
Strontium	88-1	1033	975	833	947	10.86	cps
Sulfur	34-1	316206	318575	316682	317154	0.40	cps
Terbium	159-1	5540230	5413883	5051887	5335333	4.75	cps
Terbium	159-2	2298151	2383792	2307859	2329934	2.01	cps
Thallium	203-1	1042	917	867	942	9.57	cps
Thallium	205-1	2551	2703	2613	2623	2.92	cps
Tin	118-1	642	542	492	558	13.68	cps

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P8
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 18:51:24	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	275	167	292	244	27.77	cps
Uranium	238-1	67	58	67	64	7.53	cps
Vanadium	51-2	17	0	23	13	90.13	cps
Ytterbium	172-1	8	0	0	3	173.21	cps
Ytterbium	172-2	0	6	0	2	173.21	cps
Ytterbium	176-1	500	550	500	517	5.59	cps
Ytterbium	176-2	344	344	333	341	1.88	cps
Yttrium	89-1	7027662	6857995	6390093	6758583	4.89	cps
Yttrium	89-2	697711	690232	694031	693991	0.54	cps
Zinc	66-2	127	180	217	174	25.94	cps
Zirconium	90-1	392	383	425	400	5.51	cps
Zirconium	91-1	133	75	125	111	28.40	cps

LB Number : LB115166 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2021-06-23 18:54:28 DataFile Name : 020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	839	862	862	855	1.60	cps
Antimony	121-1	8103	7986	7936	8008	1.07	cps
Arsenic	75-2	97	138	124	120	17.41	cps
Barium	135-1	9737	9370	8903	9337	4.48	cps
Barium	137-1	16669	17028	16227	16641	2.41	cps
Beryllium	9-1	1518	1490	1328	1445	7.10	cps
Bismuth	209-1	3021128	3121782	2788860	2977257	5.73	cps
Bismuth	209-2	1445130	1488441	1560696	1498089	3.90	cps
Boron	10-1	3510	3696	3894	3700	5.19	cps
Boron	11-1	16548	17603	17493	17215	3.37	cps
Bromine	81-1	10234	10385	10545	10388	1.49	cps
Cadmium	111-1	1979	1883	1727	1863	6.81	cps
Cadmium	106-1	1892	1683	1408	1661	14.60	cps
Cadmium	108-1	108	96	63	89	26.66	cps
Calcium	43-1	7214	7236	6822	7090	3.29	cps
Calcium	44-1	145322	144916	136766	142335	3.39	cps
Carbon	12-1	4163409	4304205	4235226	4234280	1.66	cps
Carbon	12-2	42771	42253	42261	42428	0.70	cps
Chlorine	35-1	851256	836674	831214	839714	1.23	cps
Chlorine	35-2	5518	5626	6026	5723	4.68	cps
Chromium	52-2	2977	3337	3350	3222	6.58	cps
Cobalt	59-2	2207	2197	2164	2189	1.04	cps
Copper	63-2	3507	3484	3644	3545	2.44	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	25	25	25	0.00	cps
Erbium	164-2	17	10	10	12	31.50	cps
Gadolinium	160-1	25	67	42	44	47.19	cps
Gadolinium	160-2	17	7	3	9	78.08	cps
Holmium	165-1	5080487	5355186	4805353	5080342	5.41	cps
Holmium	165-2	2202958	2229277	2374836	2269024	4.08	cps
Indium	115-1	5003734	5115898	4620262	4913298	5.29	cps
Indium	115-2	676995	691566	722602	697054	3.34	cps
Iron	54-2	3061	3195	3184	3147	2.35	cps
Iron	56-2	50422	51287	52865	51525	2.40	cps
Iron	57-2	1345	1089	1383	1272	12.57	cps

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 18:54:28	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1097	1150	1077	1108	3.42	cps
Lead	206-1	3234	3123	3228	3195	1.96	cps
Lead	207-1	2828	2945	2895	2889	2.03	cps
Lead	208-1	10425	10852	10360	10546	2.54	cps
Lithium	6-1	2492376	2561231	2420870	2491492	2.82	cps
Magnesium	24-2	47562	48155	48899	48205	1.39	cps
Manganese	55-2	580	747	653	660	12.66	cps
Molybdenum	94-1	10021	9687	9395	9701	3.23	cps
Molybdenum	95-1	11864	10963	10971	11266	4.59	cps
Molybdenum	96-1	13173	12940	13198	13104	1.09	cps
Molybdenum	97-1	7402	6969	6977	7116	3.48	cps
Molybdenum	98-1	18413	19531	17979	18641	4.30	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	670	637	717	674	5.96	cps
Phosphorus	31-2	133	75	58	89	44.31	cps
Potassium	39-2	49268	52387	53399	51685	4.17	cps
Rhodium	103-1	4928785	4928529	4540943	4799419	4.66	cps
Rhodium	103-2	1933565	2021976	2064810	2006784	3.34	cps
Scandium	45-1	3709753	3689164	3509267	3636061	3.03	cps
Scandium	45-2	105823	108673	113980	109492	3.78	cps
Selenium	82-1	379	343	367	363	5.10	cps
Selenium	77-2	13	13	13	13	0.00	cps
Selenium	78-2	89	88	74	84	10.02	cps
Silicon	28-1	13547476	13591605	13589088	13576056	0.18	cps
Silver	107-1	5476	5284	5243	5335	2.33	cps
Silver	109-1	5001	5443	4301	4915	11.72	cps
Sodium	23-2	107939	106723	110475	108379	1.77	cps
Strontium	86-1	3342	2950	3159	3150	6.22	cps
Strontium	88-1	13015	14007	12781	13268	4.91	cps
Sulfur	34-1	320886	326500	322075	323154	0.92	cps
Terbium	159-1	5469459	5762770	5210763	5480997	5.04	cps
Terbium	159-2	2201620	2281253	2381419	2288097	3.94	cps
Thallium	203-1	3709	4001	3451	3720	7.40	cps
Thallium	205-1	11409	11076	10667	11051	3.36	cps
Tin	118-1	17286	17787	16519	17197	3.71	cps

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 18:54:28	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3884	4351	4001	4078	5.96	cps
Uranium	238-1	8862	8770	8561	8731	1.76	cps
Vanadium	51-2	4577	4954	5028	4853	4.98	cps
Ytterbium	172-1	25	0	0	8	173.21	cps
Ytterbium	172-2	0	0	0	0	0.00	cps
Ytterbium	176-1	600	525	617	581	8.41	cps
Ytterbium	176-2	311	361	394	356	11.80	cps
Yttrium	89-1	7188547	7190685	6590665	6989965	4.95	cps
Yttrium	89-2	662418	679521	712673	684870	3.73	cps
Zinc	66-2	583	580	560	574	2.20	cps
Zirconium	90-1	8720	8469	8094	8428	3.74	cps
Zirconium	91-1	1750	1850	1700	1767	4.32	cps

LB Number : LB115166 Operator : Jaswal
 Lab Sample ID : M2262-01 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-SOIL-01-QT2- Dilution Factor : 1
 Date & Time Acquired :: 2021-06-23 18:57:35 DataFile Name : 021AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	551	564	581	565	2.67	cps
Antimony	121-1	2834	2767	2875	2825	1.93	cps
Arsenic	75-2	78	77	79	78	1.28	cps
Barium	135-1	3317	3484	3351	3384	2.61	cps
Barium	137-1	5418	6043	5335	5599	6.92	cps
Beryllium	9-1	944	972	980	965	1.96	cps
Bismuth	209-1	3056269	3045187	3043467	3048308	0.23	cps
Bismuth	209-2	1501507	1398834	1495314	1465218	3.93	cps
Boron	10-1	1460	1302	1242	1334	8.44	cps
Boron	11-1	6470	6100	6048	6206	3.71	cps
Bromine	81-1	10665	10895	11336	10966	3.11	cps
Cadmium	111-1	1427	1608	1341	1458	9.33	cps
Cadmium	106-1	1533	1800	1425	1586	12.17	cps
Cadmium	108-1	75	67	67	69	6.93	cps
Calcium	43-1	1020	1017	1046	1028	1.59	cps
Calcium	44-1	40427	40951	40105	40494	1.05	cps
Carbon	12-1	3706083	3716820	3704977	3709293	0.18	cps
Carbon	12-2	36036	35702	35627	35789	0.61	cps
Chlorine	35-1	594624	584050	570050	582908	2.11	cps
Chlorine	35-2	4026	3884	4101	4003	2.75	cps
Chromium	52-2	1493	1423	1427	1448	2.73	cps
Cobalt	59-2	1550	1477	1390	1472	5.44	cps
Copper	63-2	2580	2487	2457	2508	2.56	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	25	0	17	86.60	cps
Erbium	164-2	10	13	0	8	89.21	cps
Gadolinium	160-1	42	58	33	44	28.64	cps
Gadolinium	160-2	17	7	10	11	45.82	cps
Holmium	165-1	5203701	5344876	5122143	5223573	2.16	cps
Holmium	165-2	2263736	2082530	2226624	2190963	4.37	cps
Indium	115-1	5027438	5117036	4951813	5032095	1.64	cps
Indium	115-2	707868	654205	705269	689114	4.39	cps
Iron	54-2	2167	2117	2089	2124	1.86	cps
Iron	56-2	34180	33205	34069	33818	1.58	cps
Iron	57-2	978	800	750	843	14.21	cps

LB Number : LB115166 Operator : Jaswal
 Lab Sample ID : M2262-01 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-SOIL-01-QT2- Dilution Factor : 1
 Date & Time Acquired :: 2021-06-23 18:57:35 DataFile Name : 021AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1040	1133	1063	1079	4.50	cps
Lead	206-1	2334	2328	2039	2234	7.54	cps
Lead	207-1	1895	2084	1945	1974	4.96	cps
Lead	208-1	7351	7459	7471	7427	0.89	cps
Lithium	6-1	2599039	2651338	2528723	2593034	2.37	cps
Magnesium	24-2	6910	6485	6727	6707	3.18	cps
Manganese	55-2	1063	843	867	924	13.07	cps
Molybdenum	94-1	2850	3117	2642	2870	8.30	cps
Molybdenum	95-1	1558	1575	1733	1622	5.95	cps
Molybdenum	96-1	2459	2125	1884	2156	13.39	cps
Molybdenum	97-1	983	1142	992	1039	8.58	cps
Molybdenum	98-1	2584	2667	2575	2609	1.94	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	380	443	417	413	7.69	cps
Phosphorus	31-2	92	167	117	125	30.55	cps
Potassium	39-2	20056	19447	20240	19914	2.08	cps
Rhodium	103-1	4943590	5070332	4893818	4969247	1.83	cps
Rhodium	103-2	2037344	1863487	1971937	1957589	4.49	cps
Scandium	45-1	3853847	3877763	3675564	3802391	2.91	cps
Scandium	45-2	111964	101654	111001	108206	5.26	cps
Selenium	82-1	82	-26	48	34	159.74	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	47	53	52	51	6.35	cps
Silicon	28-1	13589108	13637401	13519216	13581908	0.44	cps
Silver	107-1	3601	3701	3767	3689	2.27	cps
Silver	109-1	3551	3300	3042	3298	7.71	cps
Sodium	23-2	30658	29397	28052	29369	4.44	cps
Strontium	86-1	2792	2625	2684	2700	3.13	cps
Strontium	88-1	9445	9712	9053	9403	3.52	cps
Sulfur	34-1	326413	330207	329072	328564	0.59	cps
Terbium	159-1	5687847	5657602	5517039	5620829	1.62	cps
Terbium	159-2	2340004	2130704	2316637	2262448	5.07	cps
Thallium	203-1	2784	3034	2750	2856	5.42	cps
Thallium	205-1	7323	7103	7615	7347	3.50	cps
Tin	118-1	3200	2859	2767	2942	7.76	cps

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	M2262-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT2-	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 18:57:35	DataFile Name :	021AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	775	633	683	697	10.31	cps
Uranium	238-1	6060	6444	6277	6260	3.07	cps
Vanadium	51-2	800	677	567	681	17.14	cps
Ytterbium	172-1	0	17	17	11	86.60	cps
Ytterbium	172-2	6	17	6	9	69.24	cps
Ytterbium	176-1	658	533	575	589	10.81	cps
Ytterbium	176-2	328	289	306	307	6.35	cps
Yttrium	89-1	7252361	7192132	7080671	7175055	1.21	cps
Yttrium	89-2	702205	645672	685258	677711	4.28	cps
Zinc	66-2	570	467	537	524	10.06	cps
Zirconium	90-1	5918	5993	5476	5796	4.82	cps
Zirconium	91-1	1208	1375	1250	1278	6.79	cps

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	M2262-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-03-QT2-2021	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 19:00:39	DataFile Name :	022AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	304	284	335	307	8.40	cps
Antimony	121-1	908	1142	958	1003	12.25	cps
Arsenic	75-2	28	36	38	34	15.56	cps
Barium	135-1	1175	1225	1033	1145	8.69	cps
Barium	137-1	2159	2075	2092	2109	2.09	cps
Beryllium	9-1	364	396	342	367	7.39	cps
Bismuth	209-1	3008834	3041220	2768142	2939399	5.08	cps
Bismuth	209-2	1448893	1506657	1523775	1493108	2.63	cps
Boron	10-1	1262	1278	1208	1249	2.94	cps
Boron	11-1	5692	5790	5678	5720	1.07	cps
Bromine	81-1	10765	10655	10845	10755	0.89	cps
Cadmium	111-1	1014	895	979	963	6.39	cps
Cadmium	106-1	1600	1417	1442	1486	6.69	cps
Cadmium	108-1	33	38	42	38	11.12	cps
Calcium	43-1	463	448	450	454	1.81	cps
Calcium	44-1	30037	30012	29242	29764	1.52	cps
Carbon	12-1	3561261	3475981	3544992	3527411	1.28	cps
Carbon	12-2	34591	35636	34608	34945	1.71	cps
Chlorine	35-1	483378	477405	471567	477450	1.24	cps
Chlorine	35-2	3284	3442	3384	3370	2.38	cps
Chromium	52-2	980	907	957	948	3.95	cps
Cobalt	59-2	570	677	640	629	8.62	cps
Copper	63-2	887	1027	997	970	7.60	cps
Dysprosium	156-1	25	0	8	11	114.58	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	58	17	0	25	120.18	cps
Erbium	164-2	13	13	13	13	0.00	cps
Gadolinium	160-1	83	75	8	56	74.00	cps
Gadolinium	160-2	13	23	10	16	44.60	cps
Holmium	165-1	5192143	5134985	4751994	5026374	4.76	cps
Holmium	165-2	2181383	2263644	2264638	2236555	2.14	cps
Indium	115-1	5014980	4939353	4697191	4883842	3.40	cps
Indium	115-2	687152	699885	723654	703564	2.63	cps
Iron	54-2	922	844	1056	941	11.35	cps
Iron	56-2	12789	12934	13090	12938	1.16	cps
Iron	57-2	261	317	333	304	12.45	cps

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	M2262-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-03-QT2-2021	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 19:00:39	DataFile Name :	022AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1063	1057	1187	1102	6.64	cps
Lead	206-1	1100	1111	1267	1159	8.04	cps
Lead	207-1	1067	1056	978	1033	4.69	cps
Lead	208-1	4150	4017	3467	3878	9.34	cps
Lithium	6-1	2588753	2555222	2407736	2517237	3.83	cps
Magnesium	24-2	2450	2717	2584	2584	5.16	cps
Manganese	55-2	273	337	293	301	10.75	cps
Molybdenum	94-1	2592	2509	2217	2439	8.07	cps
Molybdenum	95-1	2825	2675	2950	2817	4.89	cps
Molybdenum	96-1	3159	3317	3292	3256	2.62	cps
Molybdenum	97-1	1834	2075	1909	1939	6.38	cps
Molybdenum	98-1	4951	4868	4793	4870	1.63	cps
Neodymium	150-1	13	0	13	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	167	173	127	156	16.23	cps
Phosphorus	31-2	67	75	33	58	37.80	cps
Potassium	39-2	18137	18571	18320	18343	1.19	cps
Rhodium	103-1	5033397	4938661	4566274	4846110	5.10	cps
Rhodium	103-2	1958159	2010806	2059621	2009529	2.53	cps
Scandium	45-1	3801091	3833427	3519035	3717851	4.65	cps
Scandium	45-2	108573	112096	111565	110745	1.72	cps
Selenium	82-1	197	198	42	146	61.86	cps
Selenium	77-2	7	3	7	6	34.70	cps
Selenium	78-2	55	74	72	67	15.58	cps
Silicon	28-1	13577794	13539637	13658831	13592087	0.45	cps
Silver	107-1	1408	1417	1125	1317	12.61	cps
Silver	109-1	1233	1408	1108	1250	12.06	cps
Sodium	23-2	20765	20590	20465	20607	0.73	cps
Strontium	86-1	2034	1892	2217	2047	7.96	cps
Strontium	88-1	3392	3442	3367	3401	1.12	cps
Sulfur	34-1	329226	333221	329508	330651	0.67	cps
Terbium	159-1	5757312	5563947	5160899	5494053	5.54	cps
Terbium	159-2	2289344	2313845	2409806	2337665	2.72	cps
Thallium	203-1	1308	1592	1300	1400	11.86	cps
Thallium	205-1	4048	4240	3596	3961	8.34	cps
Tin	118-1	1300	1433	1383	1372	4.91	cps

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	M2262-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-03-QT2-2021	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 19:00:39	DataFile Name :	022AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1225	1075	1050	1117	8.48	cps
Uranium	238-1	2159	2275	1934	2122	8.18	cps
Vanadium	51-2	197	240	267	234	15.07	cps
Ytterbium	172-1	25	8	8	14	69.31	cps
Ytterbium	172-2	0	6	0	2	173.21	cps
Ytterbium	176-1	583	592	592	589	0.82	cps
Ytterbium	176-2	283	289	256	276	6.47	cps
Yttrium	89-1	7232756	7241868	6745563	7073396	4.01	cps
Yttrium	89-2	672668	693451	715786	693968	3.11	cps
Zinc	66-2	270	237	260	256	6.69	cps
Zirconium	90-1	2217	2717	2009	2314	15.73	cps
Zirconium	91-1	525	525	450	500	8.66	cps

LB Number : LB115166 Operator : Jaswal
 Lab Sample ID : M2262-07 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2021-06-23 19:03:51 DataFile Name : 023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	615	561	576	584	4.75	cps
Antimony	121-1	2634	2775	2500	2636	5.22	cps
Arsenic	75-2	102	85	89	92	9.66	cps
Barium	135-1	3526	3217	3125	3289	6.37	cps
Barium	137-1	5993	5626	4934	5518	9.74	cps
Beryllium	9-1	1028	994	920	981	5.63	cps
Bismuth	209-1	3024059	2915997	2750298	2896785	4.76	cps
Bismuth	209-2	1459632	1502570	1531079	1497760	2.40	cps
Boron	10-1	852	932	1028	937	9.40	cps
Boron	11-1	4248	4188	4352	4262	1.95	cps
Bromine	81-1	10785	11386	11146	11106	2.72	cps
Cadmium	111-1	1450	1404	1510	1454	3.65	cps
Cadmium	106-1	1592	1417	1625	1545	7.25	cps
Cadmium	108-1	54	54	46	51	9.37	cps
Calcium	43-1	987	931	917	945	3.90	cps
Calcium	44-1	39509	39189	38678	39125	1.07	cps
Carbon	12-1	3557624	3559910	3493778	3537104	1.06	cps
Carbon	12-2	35335	35360	34809	35168	0.89	cps
Chlorine	35-1	437943	434964	427303	433403	1.27	cps
Chlorine	35-2	3142	3150	3159	3150	0.26	cps
Chromium	52-2	1573	1417	1573	1521	5.95	cps
Cobalt	59-2	1590	1587	1607	1595	0.67	cps
Copper	63-2	2387	2477	2520	2461	2.76	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	50	17	58	42	52.91	cps
Erbium	164-2	20	10	13	14	35.26	cps
Gadolinium	160-1	67	8	17	31	103.26	cps
Gadolinium	160-2	20	13	10	14	35.26	cps
Holmium	165-1	5132181	5137409	4776467	5015352	4.13	cps
Holmium	165-2	2220952	2284131	2267609	2257564	1.45	cps
Indium	115-1	4930692	4956710	4633519	4840307	3.71	cps
Indium	115-2	692094	718766	721192	710684	2.27	cps
Iron	54-2	2111	2111	2239	2154	3.43	cps
Iron	56-2	33679	35194	35934	34936	3.29	cps
Iron	57-2	900	933	878	904	3.09	cps

LB Number : LB115166 Operator : Jaswal
 Lab Sample ID : M2262-07 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2021-06-23 19:03:51 DataFile Name : 023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1057	1000	973	1010	4.21	cps
Lead	206-1	2134	2311	2161	2202	4.34	cps
Lead	207-1	2028	1917	1700	1882	8.86	cps
Lead	208-1	7501	6962	5937	6800	11.69	cps
Lithium	6-1	2538968	2507514	2351796	2466092	4.06	cps
Magnesium	24-2	6443	7294	7302	7013	7.04	cps
Manganese	55-2	847	910	957	904	6.10	cps
Molybdenum	94-1	3175	2825	2567	2856	10.69	cps
Molybdenum	95-1	1717	1642	1508	1622	6.50	cps
Molybdenum	96-1	2050	2142	1850	2014	7.41	cps
Molybdenum	97-1	1058	942	958	986	6.40	cps
Molybdenum	98-1	2592	2759	2459	2603	5.78	cps
Neodymium	150-1	20	7	7	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	430	463	510	468	8.59	cps
Phosphorus	31-2	108	83	83	92	15.74	cps
Potassium	39-2	19898	19447	19964	19770	1.42	cps
Rhodium	103-1	4902838	4991155	4589329	4827774	4.37	cps
Rhodium	103-2	1961096	2054217	2078984	2031432	3.06	cps
Scandium	45-1	3783098	3723563	3583777	3696813	2.77	cps
Scandium	45-2	110001	113981	113336	112439	1.90	cps
Selenium	82-1	58	157	124	113	44.27	cps
Selenium	77-2	3	7	7	6	34.70	cps
Selenium	78-2	48	57	39	48	18.76	cps
Silicon	28-1	13644170	13468017	13702119	13604769	0.90	cps
Silver	107-1	3834	3267	3534	3545	8.00	cps
Silver	109-1	3717	3676	3059	3484	10.58	cps
Sodium	23-2	27301	28879	28128	28103	2.81	cps
Strontium	86-1	2700	2950	2642	2764	5.93	cps
Strontium	88-1	9754	9011	9036	9267	4.55	cps
Sulfur	34-1	334997	334461	329554	333004	0.90	cps
Terbium	159-1	5479468	5605489	5217799	5434252	3.64	cps
Terbium	159-2	2240705	2337239	2425708	2334551	3.96	cps
Thallium	203-1	2800	2525	2717	2681	5.26	cps
Thallium	205-1	7303	7034	6666	7001	4.57	cps
Tin	118-1	2867	2875	2867	2870	0.17	cps

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	M2262-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 19:03:51	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	692	758	742	731	4.75	cps
Uranium	238-1	6127	6152	5535	5938	5.88	cps
Vanadium	51-2	773	660	763	732	8.57	cps
Ytterbium	172-1	0	0	17	6	173.21	cps
Ytterbium	172-2	0	0	6	2	173.21	cps
Ytterbium	176-1	492	608	508	536	11.77	cps
Ytterbium	176-2	300	300	339	313	7.17	cps
Yttrium	89-1	7208809	7000459	6724379	6977882	3.48	cps
Yttrium	89-2	679463	702564	708006	696678	2.18	cps
Zinc	66-2	447	437	410	431	4.40	cps
Zirconium	90-1	6177	5551	5293	5674	8.01	cps
Zirconium	91-1	1283	992	1258	1178	13.73	cps

LB Number : LB115166 Operator : Jaswal
 Lab Sample ID : M2262-09 Instrumnet Name : P8
 Client Sample ID : MDL-WATER-03-QT2-20 Dilution Factor : 1
 Date & Time Acquired :: 2021-06-23 19:06:56 DataFile Name : 024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	324	322	290	312	6.13	cps
Antimony	121-1	1192	1058	950	1067	11.35	cps
Arsenic	75-2	22	30	20	24	22.05	cps
Barium	135-1	1167	1250	1058	1158	8.30	cps
Barium	137-1	2234	1917	2067	2072	7.64	cps
Beryllium	9-1	408	376	314	366	13.06	cps
Bismuth	209-1	3047220	2919418	2320551	2762396	14.04	cps
Bismuth	209-2	1453401	1435880	1432574	1440618	0.78	cps
Boron	10-1	1036	1074	1096	1069	2.84	cps
Boron	11-1	4804	4918	4932	4885	1.44	cps
Bromine	81-1	11537	10735	11036	11102	3.65	cps
Cadmium	111-1	1086	970	917	991	8.73	cps
Cadmium	106-1	1658	1308	1350	1439	13.29	cps
Cadmium	108-1	50	25	42	39	32.73	cps
Calcium	43-1	456	459	455	456	0.43	cps
Calcium	44-1	29938	29923	29621	29828	0.60	cps
Carbon	12-1	3492819	3529415	3579839	3534024	1.24	cps
Carbon	12-2	35635	34850	35911	35466	1.55	cps
Chlorine	35-1	377933	369870	361605	369802	2.21	cps
Chlorine	35-2	2767	2659	2875	2767	3.92	cps
Chromium	52-2	933	993	977	968	3.20	cps
Cobalt	59-2	610	523	590	574	7.90	cps
Copper	63-2	917	967	890	924	4.21	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	0	25	25	17	86.60	cps
Erbium	164-2	17	13	10	13	25.01	cps
Gadolinium	160-1	42	67	8	39	75.26	cps
Gadolinium	160-2	10	3	3	6	69.34	cps
Holmium	165-1	5229584	5028972	4050042	4769533	13.23	cps
Holmium	165-2	2181183	2165689	2165287	2170719	0.42	cps
Indium	115-1	5100812	4863335	3901623	4621923	13.74	cps
Indium	115-2	688635	675962	674748	679782	1.13	cps
Iron	54-2	972	739	811	841	14.21	cps
Iron	56-2	13123	13251	12934	13103	1.22	cps
Iron	57-2	300	311	311	307	2.09	cps

LB Number : LB115166 Operator : Jaswal
 Lab Sample ID : M2262-09 Instrumnet Name : P8
 Client Sample ID : MDL-WATER-03-QT2-20 Dilution Factor : 1
 Date & Time Acquired :: 2021-06-23 19:06:56 DataFile Name : 024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	977	1020	1073	1023	4.73	cps
Lead	206-1	1206	1039	983	1076	10.75	cps
Lead	207-1	933	967	1017	972	4.31	cps
Lead	208-1	3420	3803	3692	3638	5.42	cps
Lithium	6-1	2546845	2452012	2082674	2360510	10.39	cps
Magnesium	24-2	2534	2417	2475	2475	2.36	cps
Manganese	55-2	317	383	293	331	14.11	cps
Molybdenum	94-1	2717	2559	2417	2564	5.85	cps
Molybdenum	95-1	3092	3117	2909	3039	3.74	cps
Molybdenum	96-1	3517	3709	3517	3581	3.09	cps
Molybdenum	97-1	1925	1900	1675	1834	7.51	cps
Molybdenum	98-1	5226	5084	4718	5009	5.24	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	150	140	163	151	7.75	cps
Phosphorus	31-2	100	50	50	67	43.30	cps
Potassium	39-2	18337	18028	19113	18493	3.02	cps
Rhodium	103-1	5111393	4669345	3817084	4532607	14.51	cps
Rhodium	103-2	1962275	1917598	1918419	1932764	1.32	cps
Scandium	45-1	3786804	3650358	2971794	3469652	12.58	cps
Scandium	45-2	108679	107803	107642	108042	0.52	cps
Selenium	82-1	288	191	215	231	21.92	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	65	47	64	59	17.25	cps
Silicon	28-1	13715680	13631818	13736721	13694740	0.41	cps
Silver	107-1	1367	1342	1158	1289	8.83	cps
Silver	109-1	1258	1183	1508	1317	12.93	cps
Sodium	23-2	19297	19772	19489	19519	1.23	cps
Strontium	86-1	2075	2075	1959	2036	3.31	cps
Strontium	88-1	3351	3751	3184	3428	8.50	cps
Sulfur	34-1	337572	340715	336466	338251	0.65	cps
Terbium	159-1	5702461	5394282	4288347	5128363	14.50	cps
Terbium	159-2	2257963	2210364	2212240	2226856	1.21	cps
Thallium	203-1	1308	1183	1417	1303	8.96	cps
Thallium	205-1	3677	3879	3732	3763	2.78	cps
Tin	118-1	1500	1417	1233	1383	9.86	cps

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	M2262-09	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-03-QT2-20	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 19:06:56	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1342	1200	1000	1181	14.54	cps
Uranium	238-1	2100	2184	2184	2156	2.23	cps
Vanadium	51-2	263	210	277	250	14.11	cps
Ytterbium	172-1	33	8	8	17	86.62	cps
Ytterbium	172-2	0	0	0	0	0.00	cps
Ytterbium	176-1	525	542	450	506	9.66	cps
Ytterbium	176-2	194	300	317	270	24.51	cps
Yttrium	89-1	7350106	7135883	5673612	6719867	13.58	cps
Yttrium	89-2	682581	663261	669009	671617	1.48	cps
Zinc	66-2	237	283	257	259	9.04	cps
Zirconium	90-1	2284	2117	2017	2139	6.30	cps
Zirconium	91-1	450	483	492	475	4.64	cps

LB Number : LB115166 Operator : Jaswal
 Lab Sample ID : M2262-10 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-04-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2021-06-23 19:10:11 DataFile Name : 025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	585	580	611	592	2.84	cps
Antimony	121-1	2984	2925	2684	2864	5.55	cps
Arsenic	75-2	93	74	92	86	12.38	cps
Barium	135-1	3075	3184	3476	3245	6.38	cps
Barium	137-1	5885	5818	5193	5632	6.78	cps
Beryllium	9-1	1032	976	942	983	4.62	cps
Bismuth	209-1	2960344	2878628	2785869	2874947	3.04	cps
Bismuth	209-2	1457842	1519971	1513215	1497009	2.28	cps
Boron	10-1	720	800	820	780	6.78	cps
Boron	11-1	3846	3728	3730	3768	1.79	cps
Bromine	81-1	10485	10465	11066	10672	3.20	cps
Cadmium	111-1	1446	1522	1434	1467	3.25	cps
Cadmium	106-1	1517	1608	1558	1561	2.94	cps
Cadmium	108-1	83	46	58	62	30.55	cps
Calcium	43-1	1017	940	858	938	8.50	cps
Calcium	44-1	38840	39146	38159	38715	1.30	cps
Carbon	12-1	3504638	3542137	3570444	3539073	0.93	cps
Carbon	12-2	35251	35268	35001	35173	0.43	cps
Chlorine	35-1	354724	354256	352531	353837	0.33	cps
Chlorine	35-2	2559	2567	2650	2592	1.96	cps
Chromium	52-2	1393	1553	1540	1496	5.94	cps
Cobalt	59-2	1493	1537	1500	1510	1.55	cps
Copper	63-2	2537	2510	2624	2557	2.32	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	50	33	17	33	50.00	cps
Erbium	164-2	20	10	3	11	75.52	cps
Gadolinium	160-1	42	42	50	44	10.82	cps
Gadolinium	160-2	3	13	10	9	57.30	cps
Holmium	165-1	5029262	5154646	4695795	4959901	4.78	cps
Holmium	165-2	2192691	2293839	2282642	2256391	2.46	cps
Indium	115-1	4885025	4917454	4561016	4787832	4.12	cps
Indium	115-2	688515	711414	717941	705957	2.19	cps
Iron	54-2	2122	2106	2350	2193	6.23	cps
Iron	56-2	34469	35183	34759	34804	1.03	cps
Iron	57-2	906	900	839	882	4.20	cps

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	M2262-10	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 19:10:11	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	990	1007	1017	1004	1.34	cps
Lead	206-1	2322	2239	2317	2293	2.03	cps
Lead	207-1	1722	1895	1628	1748	7.74	cps
Lead	208-1	6334	6498	5326	6053	10.49	cps
Lithium	6-1	2551832	2557246	2304755	2471277	5.84	cps
Magnesium	24-2	6843	7627	6768	7080	6.72	cps
Manganese	55-2	800	940	853	864	8.17	cps
Molybdenum	94-1	3359	3059	2725	3048	10.40	cps
Molybdenum	95-1	1850	1517	1600	1656	10.48	cps
Molybdenum	96-1	2284	1875	2009	2056	10.13	cps
Molybdenum	97-1	1025	1108	958	1031	7.29	cps
Molybdenum	98-1	2784	2625	2125	2511	13.69	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	360	490	420	423	15.37	cps
Phosphorus	31-2	125	133	117	125	6.67	cps
Potassium	39-2	20073	20190	19063	19775	3.13	cps
Rhodium	103-1	4872817	4908965	4489150	4756977	4.89	cps
Rhodium	103-2	1959907	2023617	2073206	2018910	2.81	cps
Scandium	45-1	3870043	3692827	3585433	3716101	3.87	cps
Scandium	45-2	108764	112087	114908	111920	2.75	cps
Selenium	82-1	108	88	40	79	43.88	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	53	47	50	50	6.01	cps
Silicon	28-1	13796337	13883895	13587191	13755808	1.11	cps
Silver	107-1	3526	4042	3584	3717	7.61	cps
Silver	109-1	3567	3576	3451	3531	1.98	cps
Sodium	23-2	27560	28161	28787	28169	2.18	cps
Strontium	86-1	2650	2650	2584	2628	1.47	cps
Strontium	88-1	9462	8928	9337	9242	3.02	cps
Sulfur	34-1	339200	342383	339614	340399	0.51	cps
Terbium	159-1	5597674	5569786	5093337	5420266	5.23	cps
Terbium	159-2	2277384	2344228	2386693	2336101	2.36	cps
Thallium	203-1	2800	2467	2575	2614	6.51	cps
Thallium	205-1	6895	6727	6378	6667	3.95	cps
Tin	118-1	2600	2709	2800	2703	3.70	cps

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	M2262-10	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 19:10:11	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	708	858	575	714	19.86	cps
Uranium	238-1	5960	6202	5835	5999	3.11	cps
Vanadium	51-2	650	737	727	704	6.73	cps
Ytterbium	172-1	17	33	0	17	99.99	cps
Ytterbium	172-2	0	6	6	4	86.60	cps
Ytterbium	176-1	500	575	442	506	13.22	cps
Ytterbium	176-2	294	244	294	278	10.39	cps
Yttrium	89-1	7074684	7195767	6643213	6971221	4.17	cps
Yttrium	89-2	680971	703560	702133	695555	1.82	cps
Zinc	66-2	353	403	390	382	6.77	cps
Zirconium	90-1	6110	6210	5660	5993	4.89	cps
Zirconium	91-1	1467	1533	1358	1453	6.08	cps

LB Number : LB115166 Operator : Jaswal
 Lab Sample ID : M2262-12 Instrumnet Name : P8
 Client Sample ID : MDL-WATER-06-QT2-20 Dilution Factor : 1
 Date & Time Acquired :: 2021-06-23 19:19:36 DataFile Name : 028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	326	276	336	313	10.27	cps
Antimony	121-1	1117	925	967	1003	10.05	cps
Arsenic	75-2	33	37	30	33	10.54	cps
Barium	135-1	1142	958	925	1008	11.57	cps
Barium	137-1	2150	2117	1967	2078	4.70	cps
Beryllium	9-1	402	372	294	356	15.66	cps
Bismuth	209-1	3038777	2993492	2974690	3002319	1.10	cps
Bismuth	209-2	1410289	1408727	1470035	1429684	2.44	cps
Boron	10-1	924	984	858	922	6.84	cps
Boron	11-1	3994	4332	4040	4122	4.45	cps
Bromine	81-1	11156	11416	10655	11076	3.49	cps
Cadmium	111-1	1088	953	1055	1032	6.83	cps
Cadmium	106-1	1567	1350	1683	1533	11.03	cps
Cadmium	108-1	17	38	29	28	37.74	cps
Calcium	43-1	455	418	407	427	5.79	cps
Calcium	44-1	29549	29917	29177	29548	1.25	cps
Carbon	12-1	3543487	3620608	3580522	3581539	1.08	cps
Carbon	12-2	35685	36395	35928	36003	1.00	cps
Chlorine	35-1	270248	268679	264383	267770	1.13	cps
Chlorine	35-2	1875	1808	1934	1872	3.34	cps
Chromium	52-2	867	887	963	906	5.64	cps
Cobalt	59-2	593	500	703	599	17.00	cps
Copper	63-2	957	1167	1093	1072	9.94	cps
Dysprosium	156-1	17	8	25	17	50.01	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	25	25	42	31	31.50	cps
Erbium	164-2	20	20	10	17	34.64	cps
Gadolinium	160-1	17	17	25	19	24.73	cps
Gadolinium	160-2	17	10	7	11	45.82	cps
Holmium	165-1	5175430	5166621	5066685	5136245	1.18	cps
Holmium	165-2	2153772	2095057	2272823	2173884	4.17	cps
Indium	115-1	5000424	5035035	4936081	4990513	1.01	cps
Indium	115-2	663842	670102	704780	679574	3.24	cps
Iron	54-2	1072	883	967	974	9.72	cps
Iron	56-2	13095	13484	13351	13310	1.49	cps
Iron	57-2	350	367	367	361	2.67	cps

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	M2262-12	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-06-QT2-20	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 19:19:36	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1000	1017	1083	1033	4.27	cps
Lead	206-1	922	1083	1000	1002	8.04	cps
Lead	207-1	939	817	878	878	6.96	cps
Lead	208-1	3489	3125	3211	3275	5.81	cps
Lithium	6-1	2488672	2595805	2526063	2536847	2.14	cps
Magnesium	24-2	2700	2392	2425	2506	6.75	cps
Manganese	55-2	323	233	290	282	16.12	cps
Molybdenum	94-1	2592	2659	2367	2539	6.02	cps
Molybdenum	95-1	3092	2992	2867	2984	3.78	cps
Molybdenum	96-1	3376	3659	3175	3403	7.14	cps
Molybdenum	97-1	1900	1984	1633	1839	9.94	cps
Molybdenum	98-1	4868	4826	4501	4731	4.24	cps
Neodymium	150-1	7	7	20	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	173	163	183	173	5.77	cps
Phosphorus	31-2	83	67	150	100	44.10	cps
Potassium	39-2	18412	18287	18162	18287	0.68	cps
Rhodium	103-1	4905337	4968442	4865440	4913073	1.06	cps
Rhodium	103-2	1881447	1872429	1990475	1914784	3.43	cps
Scandium	45-1	3755338	3735282	3829315	3773312	1.31	cps
Scandium	45-2	105554	104580	109661	106598	2.53	cps
Selenium	82-1	239	162	149	183	26.37	cps
Selenium	77-2	3	7	20	10	88.20	cps
Selenium	78-2	67	63	47	59	17.94	cps
Silicon	28-1	13789178	13795369	13884664	13823070	0.39	cps
Silver	107-1	1258	1342	1233	1278	4.44	cps
Silver	109-1	1308	1342	1142	1264	8.48	cps
Sodium	23-2	19322	18520	19363	19068	2.49	cps
Strontium	86-1	2117	1809	2267	2064	11.32	cps
Strontium	88-1	3692	3134	3217	3348	9.00	cps
Sulfur	34-1	345507	349832	343482	346274	0.94	cps
Terbium	159-1	5363330	5565996	5499323	5476217	1.89	cps
Terbium	159-2	2174408	2198790	2267131	2213443	2.17	cps
Thallium	203-1	1167	1117	1142	1142	2.19	cps
Thallium	205-1	3421	3226	3179	3275	3.91	cps
Tin	118-1	1233	1267	1242	1247	1.39	cps

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	M2262-12	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-06-QT2-20	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 19:19:36	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1083	1242	1100	1142	7.62	cps
Uranium	238-1	2350	2417	2000	2256	9.92	cps
Vanadium	51-2	240	240	213	231	6.66	cps
Ytterbium	172-1	8	17	17	14	34.67	cps
Ytterbium	172-2	0	0	0	0	0.00	cps
Ytterbium	176-1	558	558	575	564	1.71	cps
Ytterbium	176-2	222	183	361	256	36.57	cps
Yttrium	89-1	7051757	7082266	7124403	7086142	0.51	cps
Yttrium	89-2	654737	645631	688069	662812	3.37	cps
Zinc	66-2	247	247	310	268	13.66	cps
Zirconium	90-1	2292	2309	1975	2192	8.57	cps
Zirconium	91-1	517	392	675	528	26.91	cps

LB Number : LB115166 Operator : Jaswal
 Lab Sample ID : PB137430BL Instrumnet Name : P8
 Client Sample ID : PB137430BL Dilution Factor : 1
 Date & Time Acquired :: 2021-06-23 19:22:46 DataFile Name : 029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	140	145	157	147	6.11	cps
Antimony	121-1	17	25	67	36	74.18	cps
Arsenic	75-2	4	9	4	6	50.94	cps
Barium	135-1	8	17	8	11	43.34	cps
Barium	137-1	42	17	50	36	48.03	cps
Beryllium	9-1	28	36	40	35	17.63	cps
Bismuth	209-1	2872940	2802365	2697120	2790809	3.17	cps
Bismuth	209-2	1415773	1448797	1467686	1444085	1.82	cps
Boron	10-1	654	572	618	615	6.69	cps
Boron	11-1	2876	2800	2794	2823	1.62	cps
Bromine	81-1	10375	11136	10755	10755	3.54	cps
Cadmium	111-1	766	740	634	713	9.79	cps
Cadmium	106-1	1542	1508	1292	1447	9.38	cps
Cadmium	108-1	13	21	17	17	24.99	cps
Calcium	43-1	146	200	171	172	15.88	cps
Calcium	44-1	24085	23959	24417	24154	0.98	cps
Carbon	12-1	4250592	4389728	4430546	4356955	2.17	cps
Carbon	12-2	43381	45512	46290	45061	3.34	cps
Chlorine	35-1	343628	345486	337546	342220	1.21	cps
Chlorine	35-2	2667	2567	2692	2642	2.50	cps
Chromium	52-2	703	670	670	681	2.83	cps
Cobalt	59-2	67	83	70	73	12.02	cps
Copper	63-2	190	200	170	187	8.18	cps
Dysprosium	156-1	8	0	33	14	124.91	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	8	33	25	22	57.29	cps
Erbium	164-2	7	3	20	10	88.20	cps
Gadolinium	160-1	33	83	33	50	57.75	cps
Gadolinium	160-2	17	3	13	11	62.48	cps
Holmium	165-1	4885717	4945407	4576506	4802543	4.12	cps
Holmium	165-2	2138723	2179541	2201601	2173289	1.47	cps
Indium	115-1	4833104	4774696	4507596	4705132	3.69	cps
Indium	115-2	672708	689959	705894	689520	2.41	cps
Iron	54-2	317	339	428	361	16.28	cps
Iron	56-2	1795	1700	1950	1815	6.96	cps
Iron	57-2	61	50	78	63	22.21	cps

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	PB137430BL	Instrumnet Name :	P8
Client Sample ID :	PB137430BL	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 19:22:46	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1087	973	1100	1053	6.61	cps
Lead	206-1	383	483	344	404	17.75	cps
Lead	207-1	250	333	311	298	14.47	cps
Lead	208-1	964	1097	1211	1091	11.34	cps
Lithium	6-1	2452544	2393088	2301792	2382475	3.19	cps
Magnesium	24-2	233	250	258	247	5.15	cps
Manganese	55-2	10	33	43	29	59.21	cps
Molybdenum	94-1	117	150	167	144	17.62	cps
Molybdenum	95-1	17	17	33	22	43.28	cps
Molybdenum	96-1	108	75	92	92	18.18	cps
Molybdenum	97-1	0	33	8	14	124.91	cps
Molybdenum	98-1	17	33	17	22	43.28	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	37	27	27	30	19.24	cps
Phosphorus	31-2	75	125	75	92	31.49	cps
Potassium	39-2	17036	17644	16819	17166	2.49	cps
Rhodium	103-1	4733751	4688977	4375810	4599513	4.24	cps
Rhodium	103-2	1892029	1948964	1978740	1939911	2.27	cps
Scandium	45-1	3671775	3578992	3394940	3548569	3.97	cps
Scandium	45-2	105201	109694	110434	108443	2.61	cps
Selenium	82-1	10	111	-48	24	329.81	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	50	53	50	51	3.40	cps
Silicon	28-1	13904057	13950132	13633666	13829285	1.24	cps
Silver	107-1	83	50	58	64	27.15	cps
Silver	109-1	33	42	25	33	25.01	cps
Sodium	23-2	14533	13924	15000	14485	3.72	cps
Strontium	86-1	1692	1608	1742	1681	4.01	cps
Strontium	88-1	117	83	158	119	31.46	cps
Sulfur	34-1	347014	350371	339498	345628	1.61	cps
Terbium	159-1	5354699	5291525	4981388	5209204	3.84	cps
Terbium	159-2	2202547	2231167	2288912	2240876	1.96	cps
Thallium	203-1	308	450	433	397	19.49	cps
Thallium	205-1	1110	1228	1384	1241	11.07	cps
Tin	118-1	808	600	592	667	18.41	cps

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	PB137430BL	Instrumnet Name :	P8
Client Sample ID :	PB137430BL	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 19:22:46	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	150	125	208	161	26.54	cps
Uranium	238-1	33	25	8	22	57.29	cps
Vanadium	51-2	7	0	0	2	173.21	cps
Ytterbium	172-1	0	17	25	14	91.65	cps
Ytterbium	172-2	11	6	0	6	99.97	cps
Ytterbium	176-1	608	592	500	567	10.30	cps
Ytterbium	176-2	228	256	239	241	5.81	cps
Yttrium	89-1	6877731	6942203	6474845	6764926	3.74	cps
Yttrium	89-2	660114	682079	696435	679543	2.69	cps
Zinc	66-2	173	157	100	143	26.82	cps
Zirconium	90-1	392	392	317	367	11.81	cps
Zirconium	91-1	42	75	67	61	28.38	cps

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P8
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 19:25:50	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1779827	1772995	1811363	1788062	1.14	cps
Antimony	121-1	2052072	2041128	2023537	2038913	0.71	cps
Arsenic	75-2	58764	57828	58496	58363	0.83	cps
Barium	135-1	2523909	2565787	2511815	2533837	1.12	cps
Barium	137-1	4230041	4344536	4366963	4313847	1.70	cps
Beryllium	9-1	702543	704043	705468	704018	0.21	cps
Bismuth	209-1	2930284	2914668	2958487	2934480	0.76	cps
Bismuth	209-2	1511342	1535151	1540210	1528901	1.01	cps
Boron	10-1	57350	62363	64941	61551	6.27	cps
Boron	11-1	269022	287387	294320	283576	4.61	cps
Bromine	81-1	11096	11076	10735	10969	1.85	cps
Cadmium	111-1	484804	494727	492717	490749	1.07	cps
Cadmium	106-1	54968	55303	55262	55178	0.33	cps
Cadmium	108-1	36849	36828	36895	36858	0.09	cps
Calcium	43-1	3593210	3639111	3722011	3651444	1.79	cps
Calcium	44-1	59770598	60135241	59539682	59815174	0.50	cps
Carbon	12-1	4854375	4974046	5028505	4952309	1.80	cps
Carbon	12-2	55003	53632	56065	54900	2.22	cps
Chlorine	35-1	299340	303836	304999	302725	0.99	cps
Chlorine	35-2	2117	2125	2117	2120	0.23	cps
Chromium	52-2	622638	627778	626473	625630	0.43	cps
Cobalt	59-2	1060171	1071684	1061007	1064287	0.60	cps
Copper	63-2	8095505	8100214	8132810	8109509	0.25	cps
Dysprosium	156-1	375	608	467	483	24.32	cps
Dysprosium	156-2	230	227	260	239	7.69	cps
Erbium	164-1	158	158	67	128	41.42	cps
Erbium	164-2	53	50	30	44	28.39	cps
Gadolinium	160-1	467	525	558	517	8.98	cps
Gadolinium	160-2	250	227	297	258	13.83	cps
Holmium	165-1	5379623	5464527	5317401	5387183	1.37	cps
Holmium	165-2	2434022	2457626	2517662	2469770	1.75	cps
Indium	115-1	4976532	5094871	4957085	5009496	1.49	cps
Indium	115-2	726865	738108	734049	733007	0.78	cps
Iron	54-2	6834644	6918588	6821166	6858133	0.77	cps
Iron	56-2	124905294	124845753	124992775	124914607	0.06	cps
Iron	57-2	3182250	3164711	3170758	3172573	0.28	cps

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P8
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 19:25:50	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1047	1167	997	1070	8.17	cps
Lead	206-1	6438156	6466135	6513031	6472441	0.58	cps
Lead	207-1	5546196	5615888	5492891	5551659	1.11	cps
Lead	208-1	20452480	20559530	19944950	20318987	1.62	cps
Lithium	6-1	2568826	2627667	2624276	2606923	1.27	cps
Magnesium	24-2	25587790	25472406	25704844	25588346	0.45	cps
Manganese	55-2	3203435	3225885	3182818	3204046	0.67	cps
Molybdenum	94-1	4957523	5094157	4930569	4994083	1.76	cps
Molybdenum	95-1	6094110	6153139	6026478	6091242	1.04	cps
Molybdenum	96-1	6749704	6854325	6672834	6758954	1.35	cps
Molybdenum	97-1	3794418	3900872	3669381	3788224	3.06	cps
Molybdenum	98-1	9732263	9892137	9541102	9721834	1.81	cps
Neodymium	150-1	153	173	120	149	18.10	cps
Neodymium	150-2	17	23	17	19	20.36	cps
Nickel	60-2	288660	288975	286608	288081	0.45	cps
Phosphorus	31-2	17327	17862	18896	18028	4.42	cps
Potassium	39-2	9230808	9179765	9243452	9218008	0.37	cps
Rhodium	103-1	4776814	4834375	4626162	4745784	2.27	cps
Rhodium	103-2	2010557	2031237	2013385	2018393	0.56	cps
Scandium	45-1	3942659	3878633	3841230	3887507	1.32	cps
Scandium	45-2	117381	120201	119912	119165	1.30	cps
Selenium	82-1	42247	42194	42441	42294	0.31	cps
Selenium	77-2	947	1080	1003	1010	6.63	cps
Selenium	78-2	3509	3669	3762	3647	3.51	cps
Silicon	28-1	15248153	15292411	15211305	15250623	0.27	cps
Silver	107-1	2646294	2700477	2701863	2682878	1.18	cps
Silver	109-1	2494603	2512231	2528963	2511932	0.68	cps
Sodium	23-2	48096714	47700125	48821513	48206117	1.18	cps
Strontium	86-1	7888176	7901195	7868091	7885821	0.21	cps
Strontium	88-1	67643172	68242395	68647895	68177821	0.74	cps
Sulfur	34-1	602592	595672	596109	598124	0.65	cps
Terbium	159-1	5718363	5806650	5729787	5751600	0.83	cps
Terbium	159-2	2440161	2514488	2552244	2502298	2.28	cps
Thallium	203-1	1489729	1560406	1532910	1527682	2.33	cps
Thallium	205-1	3687685	3794340	3704968	3728998	1.54	cps
Tin	118-1	1765420	1779829	1719480	1754910	1.80	cps

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P8
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 19:25:50	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1920454	1957093	1873832	1917126	2.18	cps
Uranium	238-1	4865058	4770587	4873158	4836267	1.18	cps
Vanadium	51-2	510684	509505	509452	509880	0.14	cps
Ytterbium	172-1	42	8	25	25	66.68	cps
Ytterbium	172-2	11	11	11	11	0.00	cps
Ytterbium	176-1	533	675	633	614	11.86	cps
Ytterbium	176-2	211	256	406	291	35.04	cps
Yttrium	89-1	7243480	7423854	7383131	7350155	1.29	cps
Yttrium	89-2	739349	747341	745729	744139	0.57	cps
Zinc	66-2	922014	923240	925062	923439	0.17	cps
Zirconium	90-1	4166606	4216368	4180211	4187728	0.61	cps
Zirconium	91-1	928705	927915	914451	923690	0.87	cps

LB Number : LB115166 Operator : Jaswal
 Lab Sample ID : CCB29 Instrumnet Name : P8
 Client Sample ID : CCB29 Dilution Factor : 1
 Date & Time Acquired :: 2021-06-23 19:34:00 DataFile Name : 031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	155	176	164	165	6.47	cps
Antimony	121-1	233	233	242	236	2.04	cps
Arsenic	75-2	7	4	7	6	28.87	cps
Barium	135-1	58	42	42	47	20.38	cps
Barium	137-1	67	50	50	56	17.32	cps
Beryllium	9-1	50	54	38	47	17.60	cps
Bismuth	209-1	2993843	2966051	2908629	2956174	1.47	cps
Bismuth	209-2	1473542	1461258	1437278	1457359	1.27	cps
Boron	10-1	1432	1312	1294	1346	5.57	cps
Boron	11-1	6066	5956	5918	5980	1.29	cps
Bromine	81-1	11126	10495	10715	10779	2.97	cps
Cadmium	111-1	790	707	743	746	5.57	cps
Cadmium	106-1	1583	1392	1483	1486	6.45	cps
Cadmium	108-1	21	8	17	15	41.67	cps
Calcium	43-1	180	203	190	191	6.03	cps
Calcium	44-1	25625	25869	25520	25671	0.70	cps
Carbon	12-1	3974864	3985593	4008947	3989801	0.44	cps
Carbon	12-2	39704	39913	39027	39548	1.17	cps
Chlorine	35-1	255527	254231	253359	254372	0.43	cps
Chlorine	35-2	2009	1808	1925	1914	5.25	cps
Chromium	52-2	670	603	750	674	10.89	cps
Cobalt	59-2	70	87	73	77	11.51	cps
Copper	63-2	350	293	337	327	9.07	cps
Dysprosium	156-1	25	8	8	14	69.31	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	42	25	31	31.50	cps
Erbium	164-2	13	7	13	11	34.61	cps
Gadolinium	160-1	42	42	33	39	12.38	cps
Gadolinium	160-2	7	3	7	6	34.70	cps
Holmium	165-1	5137083	5016727	4855528	5003113	2.82	cps
Holmium	165-2	2246572	2183730	2207667	2212657	1.43	cps
Indium	115-1	4887652	4888267	4696503	4824140	2.29	cps
Indium	115-2	697928	682348	684823	688366	1.22	cps
Iron	54-2	450	411	333	398	14.92	cps
Iron	56-2	3473	3473	3150	3365	5.53	cps
Iron	57-2	78	106	50	78	35.72	cps

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	CCB29	Instrumnet Name :	P8
Client Sample ID :	CCB29	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 19:34:00	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	993	1090	1083	1056	5.11	cps
Lead	206-1	667	694	639	667	4.17	cps
Lead	207-1	528	461	539	509	8.26	cps
Lead	208-1	1995	1653	1847	1832	9.36	cps
Lithium	6-1	2502882	2481755	2361373	2448670	3.12	cps
Magnesium	24-2	567	617	608	597	4.48	cps
Manganese	55-2	83	93	80	86	8.12	cps
Molybdenum	94-1	258	217	175	217	19.23	cps
Molybdenum	95-1	133	133	117	128	7.53	cps
Molybdenum	96-1	292	233	208	244	17.49	cps
Molybdenum	97-1	67	75	83	75	11.11	cps
Molybdenum	98-1	242	275	242	253	7.61	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	33	37	23	31	22.31	cps
Phosphorus	31-2	67	125	100	97	30.10	cps
Potassium	39-2	18512	17511	17711	17912	2.96	cps
Rhodium	103-1	4924335	4872132	4545992	4780820	4.29	cps
Rhodium	103-2	2005032	1956624	1961896	1974517	1.35	cps
Scandium	45-1	3744236	3703339	3545898	3664491	2.86	cps
Scandium	45-2	108395	107085	106978	107486	0.73	cps
Selenium	82-1	92	9	57	53	79.08	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	29	48	41	39	24.44	cps
Silicon	28-1	13570654	13655255	13583565	13603158	0.34	cps
Silver	107-1	100	225	1785	703	133.48	cps
Silver	109-1	150	108	100	119	22.43	cps
Sodium	23-2	17736	17336	17870	17647	1.57	cps
Strontium	86-1	2042	1700	1825	1856	9.32	cps
Strontium	88-1	900	950	867	906	4.63	cps
Sulfur	34-1	321982	325275	320340	322532	0.78	cps
Terbium	159-1	5512578	5465252	5257146	5411659	2.51	cps
Terbium	159-2	2334040	2275085	2263351	2290825	1.65	cps
Thallium	203-1	317	492	500	436	23.74	cps
Thallium	205-1	1908	1739	1530	1726	10.95	cps
Tin	118-1	600	517	442	519	15.25	cps

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	CCB29	Instrumnet Name :	P8
Client Sample ID :	CCB29	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 19:34:00	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	233	150	158	181	25.42	cps
Uranium	238-1	83	33	58	58	42.86	cps
Vanadium	51-2	3	3	13	7	86.65	cps
Ytterbium	172-1	8	17	17	14	34.67	cps
Ytterbium	172-2	6	6	6	6	0.00	cps
Ytterbium	176-1	342	617	442	467	29.83	cps
Ytterbium	176-2	244	317	333	298	15.85	cps
Yttrium	89-1	7010458	7002811	6632259	6881843	3.14	cps
Yttrium	89-2	683826	678063	675185	679025	0.65	cps
Zinc	66-2	170	170	157	166	4.65	cps
Zirconium	90-1	425	517	392	444	14.56	cps
Zirconium	91-1	67	83	58	69	18.34	cps

LB Number : LB115166 Operator : Jaswal
 Lab Sample ID : PB137430BS Instrumnet Name : P8
 Client Sample ID : PB137430BS Dilution Factor : 1
 Date & Time Acquired :: 2021-06-23 19:37:05 DataFile Name : 032LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	329933	342978	335456	336122	1.95	cps
Antimony	121-1	2059358	2122176	2112693	2098075	1.61	cps
Arsenic	75-2	57894	59391	57759	58348	1.55	cps
Barium	135-1	2557171	2607559	2559519	2574750	1.10	cps
Barium	137-1	4332815	4369867	4416330	4373004	0.96	cps
Beryllium	9-1	694225	702778	697797	698267	0.62	cps
Bismuth	209-1	3043897	3037623	3058614	3046712	0.35	cps
Bismuth	209-2	1505769	1558124	1556448	1540114	1.93	cps
Boron	10-1	54146	58869	61210	58075	6.20	cps
Boron	11-1	248882	270900	284130	267970	6.64	cps
Bromine	81-1	11356	11086	10505	10982	3.96	cps
Cadmium	111-1	517156	527177	516270	520201	1.16	cps
Cadmium	106-1	57537	58558	56275	57457	1.99	cps
Cadmium	108-1	39327	39306	39256	39296	0.09	cps
Calcium	43-1	640888	646406	632455	639917	1.10	cps
Calcium	44-1	11406920	11123036	11217719	11249225	1.28	cps
Carbon	12-1	4419720	4565112	4591093	4525308	2.04	cps
Carbon	12-2	46925	45429	47135	46497	2.00	cps
Chlorine	35-1	292081	292489	294316	292962	0.41	cps
Chlorine	35-2	2134	2075	2209	2139	3.13	cps
Chromium	52-2	610631	629829	607476	615979	1.96	cps
Cobalt	59-2	1050890	1074722	1057516	1061043	1.16	cps
Copper	63-2	8148900	8338572	8035976	8174482	1.87	cps
Dysprosium	156-1	142	133	167	147	11.78	cps
Dysprosium	156-2	67	97	50	71	33.26	cps
Erbium	164-1	75	58	75	69	13.85	cps
Erbium	164-2	23	30	10	21	48.24	cps
Gadolinium	160-1	92	233	108	144	53.60	cps
Gadolinium	160-2	60	83	47	63	29.30	cps
Holmium	165-1	5476845	5449803	5441103	5455917	0.34	cps
Holmium	165-2	2342569	2379309	2384463	2368781	0.96	cps
Indium	115-1	5182392	5139631	5086444	5136156	0.94	cps
Indium	115-2	711608	729079	726885	722524	1.32	cps
Iron	54-2	1390707	1431622	1366810	1396380	2.35	cps
Iron	56-2	24790378	25320454	24361945	24824259	1.93	cps
Iron	57-2	601002	608730	598364	602699	0.89	cps

LB Number : LB115166 Operator : Jaswal
 Lab Sample ID : PB137430BS Instrumnet Name : P8
 Client Sample ID : PB137430BS Dilution Factor : 1
 Date & Time Acquired :: 2021-06-23 19:37:05 DataFile Name : 032LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1073	1113	1077	1088	2.04	cps
Lead	206-1	6602910	6584032	6583058	6590000	0.17	cps
Lead	207-1	5779263	5807379	5732343	5772995	0.66	cps
Lead	208-1	21386535	21242138	20978867	21202513	0.97	cps
Lithium	6-1	2577433	2655512	2585279	2606075	1.65	cps
Magnesium	24-2	4873505	5054106	4850975	4926195	2.26	cps
Manganese	55-2	3157524	3235854	3067203	3153527	2.68	cps
Molybdenum	94-1	4941656	5036952	5015924	4998177	1.00	cps
Molybdenum	95-1	6143392	6212346	6111284	6155674	0.84	cps
Molybdenum	96-1	6794141	6817146	6789395	6800227	0.22	cps
Molybdenum	97-1	3893270	3816858	3762855	3824327	1.71	cps
Molybdenum	98-1	9992087	9732539	9561651	9762092	2.22	cps
Neodymium	150-1	120	133	60	104	37.40	cps
Neodymium	150-2	13	10	3	9	57.30	cps
Nickel	60-2	292219	299398	287351	292990	2.07	cps
Phosphorus	31-2	17703	18112	17569	17795	1.59	cps
Potassium	39-2	1777479	1904059	1816074	1832538	3.54	cps
Rhodium	103-1	5037128	4993500	4861692	4964106	1.84	cps
Rhodium	103-2	2038603	2005856	2028113	2024191	0.83	cps
Scandium	45-1	3869959	3914519	3876443	3886974	0.62	cps
Scandium	45-2	112580	116554	115392	114842	1.78	cps
Selenium	82-1	44747	44634	44708	44696	0.13	cps
Selenium	77-2	1110	940	1120	1057	9.57	cps
Selenium	78-2	3617	3666	3762	3682	2.00	cps
Silicon	28-1	15113491	15438257	15377941	15309897	1.13	cps
Silver	107-1	2829185	2841893	2837195	2836091	0.23	cps
Silver	109-1	2585452	2679546	2594741	2619913	1.98	cps
Sodium	23-2	9345937	9551054	9259694	9385562	1.59	cps
Strontium	86-1	7828493	7810239	7831780	7823504	0.15	cps
Strontium	88-1	68569254	66745108	67440970	67585111	1.36	cps
Sulfur	34-1	580644	580190	573798	578211	0.66	cps
Terbium	159-1	5750639	5829733	5783640	5788004	0.69	cps
Terbium	159-2	2413774	2466348	2438327	2439483	1.08	cps
Thallium	203-1	1529790	1542413	1532189	1534798	0.44	cps
Thallium	205-1	3781189	3740845	3771367	3764467	0.56	cps
Tin	118-1	1765325	1792996	1752127	1770149	1.18	cps

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	PB137430BS	Instrumnet Name :	P8
Client Sample ID :	PB137430BS	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 19:37:05	DataFile Name :	032LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1929665	1895803	1903736	1909734	0.93	cps
Uranium	238-1	4857911	4824014	4774627	4818851	0.87	cps
Vanadium	51-2	493700	506761	487186	495882	2.01	cps
Ytterbium	172-1	0	25	17	14	91.65	cps
Ytterbium	172-2	6	6	0	4	86.60	cps
Ytterbium	176-1	550	592	500	547	8.39	cps
Ytterbium	176-2	317	333	306	319	4.39	cps
Yttrium	89-1	7323396	7344547	7379348	7349097	0.38	cps
Yttrium	89-2	707863	724208	726492	719521	1.41	cps
Zinc	66-2	946618	967922	942134	952225	1.45	cps
Zirconium	90-1	4174620	4247552	4178738	4200303	0.98	cps
Zirconium	91-1	917804	929162	923977	923647	0.62	cps

LB Number : LB115166 Operator : Jaswal
 Lab Sample ID : PB137432BL Instrumnet Name : P8
 Client Sample ID : PB137432BL Dilution Factor : 1
 Date & Time Acquired :: 2021-06-23 19:42:55 DataFile Name : 033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	159	142	151	151	5.39	cps
Antimony	121-1	208	358	208	258	33.52	cps
Arsenic	75-2	5	7	6	6	16.67	cps
Barium	135-1	50	67	67	61	15.75	cps
Barium	137-1	100	75	92	89	14.32	cps
Beryllium	9-1	60	94	72	75	22.89	cps
Bismuth	209-1	2992690	2850992	2721255	2854979	4.76	cps
Bismuth	209-2	1504779	1516213	1496531	1505841	0.66	cps
Boron	10-1	2450	2244	2302	2332	4.56	cps
Boron	11-1	11120	10302	10119	10514	5.07	cps
Bromine	81-1	10655	10745	10114	10505	3.25	cps
Cadmium	111-1	732	662	684	693	5.16	cps
Cadmium	106-1	1400	1292	1375	1356	4.18	cps
Cadmium	108-1	8	25	17	17	50.01	cps
Calcium	43-1	199	192	183	192	4.23	cps
Calcium	44-1	25107	25305	25009	25141	0.60	cps
Carbon	12-1	4299617	4375428	4427781	4367609	1.48	cps
Carbon	12-2	43565	44183	44092	43947	0.76	cps
Chlorine	35-1	277389	283591	284174	281718	1.33	cps
Chlorine	35-2	2142	2209	2025	2125	4.37	cps
Chromium	52-2	737	803	750	763	4.62	cps
Cobalt	59-2	120	63	100	94	30.43	cps
Copper	63-2	340	383	357	360	6.07	cps
Dysprosium	156-1	25	8	25	19	49.50	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	67	25	42	44	47.19	cps
Erbium	164-2	13	17	10	13	25.01	cps
Gadolinium	160-1	42	25	25	31	31.50	cps
Gadolinium	160-2	10	13	13	12	15.73	cps
Holmium	165-1	5113750	5025879	4710428	4950019	4.28	cps
Holmium	165-2	2282490	2273609	2217006	2257702	1.57	cps
Indium	115-1	4975410	4975771	4593520	4848234	4.55	cps
Indium	115-2	709036	710396	706604	708679	0.27	cps
Iron	54-2	389	439	361	396	9.95	cps
Iron	56-2	2311	2272	2150	2245	3.75	cps
Iron	57-2	78	61	72	70	12.06	cps

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	PB137432BL	Instrumnet Name :	P8
Client Sample ID :	PB137432BL	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 19:42:55	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1147	987	1083	1072	7.52	cps
Lead	206-1	694	917	639	750	19.60	cps
Lead	207-1	628	606	650	628	3.54	cps
Lead	208-1	2603	2120	2453	2392	10.34	cps
Lithium	6-1	2467556	2455976	2329449	2417660	3.17	cps
Magnesium	24-2	358	442	300	367	19.42	cps
Manganese	55-2	77	73	93	81	13.21	cps
Molybdenum	94-1	283	242	308	278	12.12	cps
Molybdenum	95-1	358	258	183	267	32.92	cps
Molybdenum	96-1	425	342	250	339	25.83	cps
Molybdenum	97-1	217	142	108	156	35.67	cps
Molybdenum	98-1	358	517	358	411	22.24	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	33	33	43	37	15.75	cps
Phosphorus	31-2	108	50	67	75	40.06	cps
Potassium	39-2	17369	17094	17378	17280	0.93	cps
Rhodium	103-1	4841598	4763584	4538392	4714525	3.34	cps
Rhodium	103-2	2053902	2059647	2018842	2044130	1.08	cps
Scandium	45-1	3752980	3679284	3444483	3625582	4.44	cps
Scandium	45-2	111183	110544	110088	110605	0.50	cps
Selenium	82-1	-36	74	8	15	364.22	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	42	63	36	47	30.17	cps
Silicon	28-1	13588589	13540546	13569795	13566310	0.18	cps
Silver	107-1	242	192	175	203	17.11	cps
Silver	109-1	175	133	142	150	14.70	cps
Sodium	23-2	16960	16785	16526	16757	1.30	cps
Strontium	86-1	1917	2042	1859	1939	4.83	cps
Strontium	88-1	1667	1358	1217	1414	16.27	cps
Sulfur	34-1	314362	313781	309839	312660	0.79	cps
Terbium	159-1	5549913	5482061	5147064	5393013	4.00	cps
Terbium	159-2	2351017	2311454	2366845	2343106	1.22	cps
Thallium	203-1	517	375	458	450	15.82	cps
Thallium	205-1	2383	2330	2268	2327	2.49	cps
Tin	118-1	842	825	692	786	10.46	cps

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	PB137432BL	Instrumnet Name :	P8
Client Sample ID :	PB137432BL	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 19:42:55	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	150	192	200	181	14.83	cps
Uranium	238-1	92	83	108	94	13.48	cps
Vanadium	51-2	10	3	13	9	57.30	cps
Ytterbium	172-1	17	0	17	11	86.60	cps
Ytterbium	172-2	22	0	6	9	124.87	cps
Ytterbium	176-1	608	567	417	531	19.00	cps
Ytterbium	176-2	278	317	317	304	7.39	cps
Yttrium	89-1	7080687	6811417	6591240	6827781	3.59	cps
Yttrium	89-2	701506	701590	692485	698527	0.75	cps
Zinc	66-2	207	197	173	192	8.90	cps
Zirconium	90-1	483	542	383	469	17.06	cps
Zirconium	91-1	83	125	83	97	24.74	cps

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	PB137432BS	Instrumnet Name :	P8
Client Sample ID :	PB137432BS	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 19:46:53	DataFile Name :	034LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	338638	337503	333612	336584	0.78	cps
Antimony	121-1	2118165	2067412	1987249	2057609	3.21	cps
Arsenic	75-2	57966	59163	57829	58319	1.26	cps
Barium	135-1	2553534	2520501	2473397	2515811	1.60	cps
Barium	137-1	4396527	4368310	4215364	4326734	2.25	cps
Beryllium	9-1	702361	688439	680117	690306	1.63	cps
Bismuth	209-1	2891801	3020698	2922662	2945054	2.29	cps
Bismuth	209-2	1533021	1553145	1529339	1538501	0.83	cps
Boron	10-1	54467	57908	59576	57317	4.54	cps
Boron	11-1	254192	267222	274059	265158	3.81	cps
Bromine	81-1	11737	10795	10915	11149	4.60	cps
Cadmium	111-1	514955	512560	507849	511788	0.71	cps
Cadmium	106-1	56943	57052	56332	56776	0.68	cps
Cadmium	108-1	39256	38165	37363	38261	2.48	cps
Calcium	43-1	638155	636809	620573	631845	1.55	cps
Calcium	44-1	11051989	11069589	11071310	11064296	0.10	cps
Carbon	12-1	4439828	4543840	4643998	4542555	2.25	cps
Carbon	12-2	45629	46884	47728	46747	2.26	cps
Chlorine	35-1	273075	271259	273728	272687	0.47	cps
Chlorine	35-2	1842	2075	2092	2003	6.98	cps
Chromium	52-2	621204	619470	608933	616536	1.08	cps
Cobalt	59-2	1059381	1073649	1052203	1061744	1.03	cps
Copper	63-2	8228098	8362967	8159117	8250061	1.26	cps
Dysprosium	156-1	133	133	125	131	3.69	cps
Dysprosium	156-2	67	70	60	66	7.77	cps
Erbium	164-1	50	108	67	75	40.06	cps
Erbium	164-2	17	17	20	18	10.81	cps
Gadolinium	160-1	150	158	125	144	12.01	cps
Gadolinium	160-2	73	80	70	74	6.84	cps
Holmium	165-1	5149166	5357863	5275437	5260822	2.00	cps
Holmium	165-2	2326591	2350697	2289002	2322097	1.34	cps
Indium	115-1	4753932	5141707	5070426	4988689	4.14	cps
Indium	115-2	724118	732988	724526	727211	0.69	cps
Iron	54-2	1351035	1401746	1358033	1370271	2.01	cps
Iron	56-2	24797684	25270244	24431065	24832998	1.69	cps
Iron	57-2	611671	609167	595891	605576	1.40	cps

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	PB137432BS	Instrumnet Name :	P8
Client Sample ID :	PB137432BS	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 19:46:53	DataFile Name :	034LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1003	1140	1133	1092	7.05	cps
Lead	206-1	6484158	6468479	6318192	6423610	1.43	cps
Lead	207-1	5668820	5607774	5567122	5614572	0.91	cps
Lead	208-1	21033341	20742296	20434556	20736731	1.44	cps
Lithium	6-1	2515933	2618048	2584486	2572822	2.02	cps
Magnesium	24-2	4939964	4937994	4995064	4957674	0.65	cps
Manganese	55-2	3135327	3217623	3156165	3169705	1.35	cps
Molybdenum	94-1	5005266	5011368	4906594	4974409	1.18	cps
Molybdenum	95-1	6244067	6139107	5989939	6124371	2.09	cps
Molybdenum	96-1	6748651	6806373	6730620	6761881	0.59	cps
Molybdenum	97-1	3870781	3811512	3780349	3820881	1.20	cps
Molybdenum	98-1	9842333	9796557	9782879	9807256	0.32	cps
Neodymium	150-1	87	73	93	84	12.06	cps
Neodymium	150-2	13	3	10	9	57.30	cps
Nickel	60-2	289392	294027	286265	289895	1.35	cps
Phosphorus	31-2	17294	18045	17486	17608	2.22	cps
Potassium	39-2	1841649	1833433	1829177	1834753	0.35	cps
Rhodium	103-1	4740769	4905525	4902170	4849488	1.94	cps
Rhodium	103-2	2044364	2066804	2076393	2062520	0.80	cps
Scandium	45-1	3746426	3836809	3815280	3799505	1.24	cps
Scandium	45-2	116904	118601	115818	117108	1.20	cps
Selenium	82-1	44817	44283	43760	44287	1.19	cps
Selenium	77-2	1137	1073	1063	1091	3.64	cps
Selenium	78-2	3718	3673	3651	3681	0.93	cps
Silicon	28-1	15293599	15224546	15192541	15236895	0.34	cps
Silver	107-1	2832047	2786198	2763481	2793909	1.25	cps
Silver	109-1	2625783	2585990	2554338	2588703	1.38	cps
Sodium	23-2	9384773	9447313	9492129	9441405	0.57	cps
Strontium	86-1	7914967	7868892	7607751	7797204	2.12	cps
Strontium	88-1	68388554	68667977	66282993	67779841	1.92	cps
Sulfur	34-1	571353	567802	565147	568101	0.55	cps
Terbium	159-1	5500012	5679705	5655444	5611720	1.74	cps
Terbium	159-2	2459633	2468059	2387003	2438232	1.83	cps
Thallium	203-1	1506344	1528520	1488913	1507926	1.32	cps
Thallium	205-1	3777537	3726780	3641245	3715187	1.85	cps
Tin	118-1	1747494	1761076	1726683	1745085	0.99	cps

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	PB137432BS	Instrumnet Name :	P8
Client Sample ID :	PB137432BS	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 19:46:53	DataFile Name :	034LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1950370	1935976	1872444	1919597	2.16	cps
Uranium	238-1	4820740	4887319	4720358	4809472	1.75	cps
Vanadium	51-2	496393	498085	492548	495675	0.57	cps
Ytterbium	172-1	25	8	17	17	50.01	cps
Ytterbium	172-2	6	0	6	4	86.60	cps
Ytterbium	176-1	525	708	650	628	14.92	cps
Ytterbium	176-2	306	317	306	309	2.07	cps
Yttrium	89-1	7017580	7398970	7094667	7170406	2.81	cps
Yttrium	89-2	726663	733028	730006	729899	0.44	cps
Zinc	66-2	952809	967347	953290	957815	0.86	cps
Zirconium	90-1	4156043	4187036	4033049	4125376	1.97	cps
Zirconium	91-1	917468	907633	894186	906429	1.29	cps

LB Number : LB115166 Operator : Jaswal
 Lab Sample ID : PB137431BL Instrumnet Name : P8
 Client Sample ID : PB137431BL Dilution Factor : 1
 Date & Time Acquired :: 2021-06-23 19:59:23 DataFile Name : 035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	144	145	139	142	2.32	cps
Antimony	121-1	208	100	167	158	34.51	cps
Arsenic	75-2	4	5	7	5	28.64	cps
Barium	135-1	42	25	17	28	45.82	cps
Barium	137-1	100	8	58	56	82.62	cps
Beryllium	9-1	70	56	58	61	12.35	cps
Bismuth	209-1	2960930	3041532	2591470	2864644	8.38	cps
Bismuth	209-2	1382806	1431105	1428012	1413974	1.91	cps
Boron	10-1	1318	1378	1380	1358	2.59	cps
Boron	11-1	6514	6392	6184	6363	2.62	cps
Bromine	81-1	10715	10455	10505	10558	1.31	cps
Cadmium	111-1	731	723	590	681	11.68	cps
Cadmium	106-1	1467	1433	1175	1358	11.75	cps
Cadmium	108-1	21	8	21	17	43.31	cps
Calcium	43-1	151	155	153	153	1.33	cps
Calcium	44-1	24443	25008	24780	24744	1.15	cps
Carbon	12-1	4229874	4360673	4454925	4348490	2.60	cps
Carbon	12-2	44877	44869	44392	44713	0.62	cps
Chlorine	35-1	249431	255086	249677	251398	1.27	cps
Chlorine	35-2	1783	1708	1775	1756	2.34	cps
Chromium	52-2	703	680	703	696	1.94	cps
Cobalt	59-2	63	80	73	72	11.62	cps
Copper	63-2	233	323	253	270	17.50	cps
Dysprosium	156-1	25	0	8	11	114.58	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	25	33	42	33	25.01	cps
Erbium	164-2	3	7	7	6	34.70	cps
Gadolinium	160-1	42	108	25	58	75.59	cps
Gadolinium	160-2	7	13	13	11	34.61	cps
Holmium	165-1	5093672	5234359	4501550	4943194	7.87	cps
Holmium	165-2	2117025	2188826	2153130	2152993	1.67	cps
Indium	115-1	5018473	5168692	4325160	4837441	9.30	cps
Indium	115-2	667605	682395	670739	673580	1.16	cps
Iron	54-2	394	361	322	359	10.06	cps
Iron	56-2	1945	1984	1883	1937	2.60	cps
Iron	57-2	61	39	39	46	27.71	cps

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	PB137431BL	Instrumnet Name :	P8
Client Sample ID :	PB137431BL	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 19:59:23	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1180	1113	1080	1125	4.53	cps
Lead	206-1	572	594	506	557	8.30	cps
Lead	207-1	494	500	433	476	7.77	cps
Lead	208-1	1731	1547	1720	1666	6.17	cps
Lithium	6-1	2502840	2531436	2248230	2427502	6.42	cps
Magnesium	24-2	258	233	358	283	23.35	cps
Manganese	55-2	43	67	37	49	32.22	cps
Molybdenum	94-1	192	150	250	197	25.47	cps
Molybdenum	95-1	108	150	100	119	22.43	cps
Molybdenum	96-1	158	175	158	164	5.87	cps
Molybdenum	97-1	75	58	33	56	37.75	cps
Molybdenum	98-1	142	192	108	147	28.49	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	43	43	23	37	31.49	cps
Phosphorus	31-2	117	92	67	92	27.27	cps
Potassium	39-2	16827	17645	17528	17333	2.55	cps
Rhodium	103-1	4818988	5024959	4228666	4690871	8.81	cps
Rhodium	103-2	1905949	1966340	1945869	1939386	1.58	cps
Scandium	45-1	3665544	3851335	3300767	3605882	7.77	cps
Scandium	45-2	106679	106044	104836	105853	0.88	cps
Selenium	82-1	-131	-58	-40	-76	-63.44	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	48	43	46	46	5.52	cps
Silicon	28-1	13540346	13441774	13697806	13559975	0.95	cps
Silver	107-1	167	133	108	136	21.50	cps
Silver	109-1	117	75	83	92	24.05	cps
Sodium	23-2	15116	15659	15308	15361	1.79	cps
Strontium	86-1	1717	1934	1967	1872	7.25	cps
Strontium	88-1	667	650	608	642	4.68	cps
Sulfur	34-1	320604	324149	320473	321742	0.65	cps
Terbium	159-1	5467156	5661772	4714532	5281153	9.47	cps
Terbium	159-2	2219842	2241380	2176816	2212679	1.49	cps
Thallium	203-1	383	325	317	342	10.63	cps
Thallium	205-1	1559	1522	1407	1496	5.32	cps
Tin	118-1	858	800	650	769	13.97	cps

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	PB137431BL	Instrumnet Name :	P8
Client Sample ID :	PB137431BL	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 19:59:23	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	208	142	275	208	32.00	cps
Uranium	238-1	42	42	42	42	0.00	cps
Vanadium	51-2	13	3	3	7	86.65	cps
Ytterbium	172-1	0	8	17	8	100.02	cps
Ytterbium	172-2	6	6	0	4	86.60	cps
Ytterbium	176-1	492	433	592	506	15.84	cps
Ytterbium	176-2	333	344	344	341	1.88	cps
Yttrium	89-1	7051296	7279581	6339108	6889995	7.12	cps
Yttrium	89-2	659886	669679	656703	662089	1.02	cps
Zinc	66-2	177	130	187	164	18.39	cps
Zirconium	90-1	483	467	367	439	14.38	cps
Zirconium	91-1	75	108	58	81	31.61	cps

LB Number : LB115166 Operator : Jaswal
 Lab Sample ID : PB137431BS Instrumnet Name : P8
 Client Sample ID : PB137431BS Dilution Factor : 1
 Date & Time Acquired :: 2021-06-23 20:02:28 DataFile Name : 036LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	343457	335757	335026	338080	1.38	cps
Antimony	121-1	2105307	2082942	2089462	2092571	0.55	cps
Arsenic	75-2	58914	57845	58136	58298	0.95	cps
Barium	135-1	2555453	2540116	2562697	2552755	0.45	cps
Barium	137-1	4309549	4340355	4310441	4320115	0.41	cps
Beryllium	9-1	690005	699087	700388	696493	0.81	cps
Bismuth	209-1	3044601	2980123	3058321	3027682	1.38	cps
Bismuth	209-2	1508883	1509817	1551039	1523246	1.58	cps
Boron	10-1	54078	59339	60766	58061	6.07	cps
Boron	11-1	248237	274161	279694	267364	6.28	cps
Bromine	81-1	10745	11396	10915	11019	3.06	cps
Cadmium	111-1	511902	513477	519084	514821	0.73	cps
Cadmium	106-1	56082	57152	57236	56823	1.13	cps
Cadmium	108-1	38980	38512	38470	38654	0.73	cps
Calcium	43-1	636299	643398	631694	637130	0.93	cps
Calcium	44-1	11026558	11069360	11309255	11135058	1.37	cps
Carbon	12-1	4542913	4629877	4751704	4641498	2.26	cps
Carbon	12-2	47896	47979	49275	48383	1.60	cps
Chlorine	35-1	260419	265086	268406	264637	1.52	cps
Chlorine	35-2	2125	1825	1892	1947	8.09	cps
Chromium	52-2	629325	611561	618575	619820	1.44	cps
Cobalt	59-2	1069016	1050289	1064522	1061276	0.92	cps
Copper	63-2	8263370	8168256	8161567	8197731	0.69	cps
Dysprosium	156-1	108	108	117	111	4.33	cps
Dysprosium	156-2	53	53	37	48	20.13	cps
Erbium	164-1	17	50	42	36	48.03	cps
Erbium	164-2	7	20	17	14	48.02	cps
Gadolinium	160-1	200	142	158	167	18.03	cps
Gadolinium	160-2	47	33	43	41	16.89	cps
Holmium	165-1	5490013	5329357	5355186	5391518	1.60	cps
Holmium	165-2	2280144	2293176	2334922	2302747	1.24	cps
Indium	115-1	5280038	4891664	5185491	5119064	3.96	cps
Indium	115-2	713055	704723	726356	714711	1.53	cps
Iron	54-2	1401737	1343232	1392916	1379295	2.29	cps
Iron	56-2	25184805	24566988	24413459	24721751	1.65	cps
Iron	57-2	608310	596098	599073	601160	1.06	cps

LB Number : LB115166 Operator : Jaswal
 Lab Sample ID : PB137431BS Instrumnet Name : P8
 Client Sample ID : PB137431BS Dilution Factor : 1
 Date & Time Acquired :: 2021-06-23 20:02:28 DataFile Name : 036LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1040	1093	1107	1080	3.27	cps
Lead	206-1	6573818	6581171	6468639	6541209	0.96	cps
Lead	207-1	5577614	5641313	5659036	5625988	0.76	cps
Lead	208-1	20350328	20552395	20989307	20630677	1.58	cps
Lithium	6-1	2594553	2613812	2585894	2598087	0.55	cps
Magnesium	24-2	4996395	4970954	4962657	4976668	0.35	cps
Manganese	55-2	3201271	3150588	3139261	3163707	1.04	cps
Molybdenum	94-1	5045793	4969471	4965185	4993483	0.91	cps
Molybdenum	95-1	6185328	6141636	6205515	6177493	0.53	cps
Molybdenum	96-1	6988528	6876179	6855654	6906787	1.04	cps
Molybdenum	97-1	3857913	3831984	3842227	3844041	0.34	cps
Molybdenum	98-1	9851494	9974852	9766375	9864241	1.06	cps
Neodymium	150-1	107	60	73	80	30.05	cps
Neodymium	150-2	17	17	7	13	43.29	cps
Nickel	60-2	295534	287793	292800	292042	1.34	cps
Phosphorus	31-2	18120	17761	18237	18039	1.37	cps
Potassium	39-2	1896538	1833163	1822691	1850797	2.16	cps
Rhodium	103-1	5093695	4946055	4896317	4978689	2.06	cps
Rhodium	103-2	2005442	2014597	2043346	2021128	0.98	cps
Scandium	45-1	3923698	3846058	3987037	3918931	1.80	cps
Scandium	45-2	115299	112382	116702	114794	1.92	cps
Selenium	82-1	44348	44823	44578	44583	0.53	cps
Selenium	77-2	1180	1060	947	1062	10.99	cps
Selenium	78-2	3719	3684	3702	3702	0.47	cps
Silicon	28-1	15070522	15238347	15233584	15180817	0.63	cps
Silver	107-1	2821246	2807277	2803443	2810656	0.33	cps
Silver	109-1	2572898	2639591	2680048	2630846	2.06	cps
Sodium	23-2	9450094	9543316	9454671	9482694	0.55	cps
Strontium	86-1	7958294	7921297	7834839	7904810	0.80	cps
Strontium	88-1	68711952	68243712	67932718	68296127	0.57	cps
Sulfur	34-1	585852	576406	579422	580560	0.83	cps
Terbium	159-1	5854847	5591890	5659977	5702238	2.39	cps
Terbium	159-2	2373317	2414325	2450326	2412656	1.60	cps
Thallium	203-1	1512927	1526825	1514756	1518169	0.50	cps
Thallium	205-1	3867141	3738397	3691903	3765814	2.41	cps
Tin	118-1	1782658	1763371	1751555	1765861	0.89	cps

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	PB137431BS	Instrumnet Name :	P8
Client Sample ID :	PB137431BS	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 20:02:28	DataFile Name :	036LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1908341	1897329	1927548	1911073	0.80	cps
Uranium	238-1	4772738	4823153	4739514	4778469	0.88	cps
Vanadium	51-2	504526	486672	497437	496211	1.81	cps
Ytterbium	172-1	17	8	25	17	50.01	cps
Ytterbium	172-2	0	11	6	6	99.97	cps
Ytterbium	176-1	583	575	725	628	13.43	cps
Ytterbium	176-2	289	344	344	326	9.84	cps
Yttrium	89-1	7512882	7310222	7348428	7390511	1.46	cps
Yttrium	89-2	713268	710780	727416	717155	1.25	cps
Zinc	66-2	962381	939979	946684	949681	1.21	cps
Zirconium	90-1	4189539	4244004	4126331	4186625	1.41	cps
Zirconium	91-1	906052	921173	920810	916012	0.94	cps

LB Number : LB115166 Operator : Jaswal
 Lab Sample ID : CCV30 Instrumnet Name : P8
 Client Sample ID : CCV30 Dilution Factor : 1
 Date & Time Acquired :: 2021-06-23 20:13:26 DataFile Name : 038CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1819004	1777648	1782557	1793070	1.26	cps
Antimony	121-1	2051361	2043758	2016192	2037104	0.91	cps
Arsenic	75-2	58604	59343	59468	59138	0.79	cps
Barium	135-1	2513721	2522902	2510226	2515616	0.26	cps
Barium	137-1	4192220	4347195	4245593	4261669	1.85	cps
Beryllium	9-1	689296	700272	690589	693386	0.87	cps
Bismuth	209-1	2846477	2923522	2802560	2857520	2.14	cps
Bismuth	209-2	1464017	1509672	1524138	1499276	2.09	cps
Boron	10-1	59026	63680	65429	62712	5.28	cps
Boron	11-1	271482	297915	302175	290524	5.72	cps
Bromine	81-1	11276	11507	11166	11316	1.54	cps
Cadmium	111-1	490017	498265	481812	490032	1.68	cps
Cadmium	106-1	54985	55639	53588	54737	1.91	cps
Cadmium	108-1	37426	37359	36427	37071	1.51	cps
Calcium	43-1	3661739	3700746	3669805	3677430	0.56	cps
Calcium	44-1	60946638	61418388	58949716	60438248	2.17	cps
Carbon	12-1	4674152	4819145	4834080	4775792	1.85	cps
Carbon	12-2	53364	53556	54084	53668	0.69	cps
Chlorine	35-1	184997	184315	185724	185012	0.38	cps
Chlorine	35-2	1575	1092	1408	1358	18.08	cps
Chromium	52-2	632320	633775	639654	635250	0.61	cps
Cobalt	59-2	1063085	1072676	1081815	1072525	0.87	cps
Copper	63-2	8031667	8244048	8149352	8141689	1.31	cps
Dysprosium	156-1	450	425	375	417	9.17	cps
Dysprosium	156-2	223	270	193	229	16.88	cps
Erbium	164-1	92	75	42	69	36.66	cps
Erbium	164-2	33	33	43	37	15.75	cps
Gadolinium	160-1	475	542	642	553	15.18	cps
Gadolinium	160-2	263	280	230	258	9.88	cps
Holmium	165-1	5252664	5489524	5223434	5321874	2.74	cps
Holmium	165-2	2360154	2341941	2395564	2365887	1.15	cps
Indium	115-1	4965569	5180414	4892793	5012926	2.98	cps
Indium	115-2	710378	720169	725090	718546	1.04	cps
Iron	54-2	6853501	6926880	7034115	6938166	1.31	cps
Iron	56-2	126773503	126979367	126241172	126664681	0.30	cps
Iron	57-2	3189044	3185111	3261103	3211753	1.33	cps

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P8
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 20:13:26	DataFile Name :	038CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1043	1153	1037	1078	6.08	cps
Lead	206-1	6287748	6522510	6210449	6340236	2.56	cps
Lead	207-1	5408031	5640370	5416853	5488418	2.40	cps
Lead	208-1	19856417	20686388	20216966	20253257	2.05	cps
Lithium	6-1	2478260	2622857	2554617	2551912	2.83	cps
Magnesium	24-2	25925621	25538137	25972626	25812128	0.92	cps
Manganese	55-2	3218507	3274498	3252301	3248435	0.87	cps
Molybdenum	94-1	4994768	5060481	5024367	5026539	0.65	cps
Molybdenum	95-1	6204162	6101569	6151286	6152339	0.83	cps
Molybdenum	96-1	6822718	6794530	6818895	6812048	0.22	cps
Molybdenum	97-1	3849254	3848421	3730875	3809517	1.79	cps
Molybdenum	98-1	9860283	9961435	9765661	9862459	0.99	cps
Neodymium	150-1	107	147	100	118	21.43	cps
Neodymium	150-2	7	20	17	14	48.02	cps
Nickel	60-2	287368	292278	291728	290458	0.93	cps
Phosphorus	31-2	18546	18687	18045	18426	1.83	cps
Potassium	39-2	9234853	9352606	9339465	9308975	0.69	cps
Rhodium	103-1	4733957	4903762	4644732	4760817	2.76	cps
Rhodium	103-2	1953227	1989601	2020558	1987795	1.70	cps
Scandium	45-1	3823280	4052930	3865314	3913841	3.12	cps
Scandium	45-2	117489	118927	119700	118705	0.95	cps
Selenium	82-1	42014	42598	42642	42418	0.83	cps
Selenium	77-2	1123	1070	1153	1116	3.78	cps
Selenium	78-2	3641	3622	3693	3652	1.01	cps
Silicon	28-1	15294238	15460086	15369852	15374726	0.54	cps
Silver	107-1	2654071	2697561	2663017	2671550	0.86	cps
Silver	109-1	2524444	2538091	2506959	2523164	0.62	cps
Sodium	23-2	48728934	47594614	48861204	48394917	1.44	cps
Strontium	86-1	7756019	7873161	7664719	7764633	1.35	cps
Strontium	88-1	66306576	68265770	66406022	66992790	1.65	cps
Sulfur	34-1	573247	580563	565225	573012	1.34	cps
Terbium	159-1	5636332	5753903	5546740	5645658	1.84	cps
Terbium	159-2	2450983	2476403	2481713	2469700	0.67	cps
Thallium	203-1	1462650	1477909	1490640	1477066	0.95	cps
Thallium	205-1	3617213	3723440	3717819	3686157	1.62	cps
Tin	118-1	1777299	1754597	1722197	1751364	1.58	cps

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P8
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 20:13:26	DataFile Name :	038CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1932099	1937488	1892558	1920715	1.28	cps
Uranium	238-1	4737456	4861353	4819506	4806105	1.31	cps
Vanadium	51-2	515759	515230	520416	517135	0.55	cps
Ytterbium	172-1	25	0	17	14	91.65	cps
Ytterbium	172-2	6	0	22	9	124.87	cps
Ytterbium	176-1	583	558	550	564	3.08	cps
Ytterbium	176-2	328	322	400	350	12.40	cps
Yttrium	89-1	7149008	7530513	7178037	7285853	2.91	cps
Yttrium	89-2	724704	736207	741359	734090	1.16	cps
Zinc	66-2	935150	932276	950777	939401	1.06	cps
Zirconium	90-1	4106693	4157199	4150943	4138278	0.67	cps
Zirconium	91-1	902577	932644	917417	917546	1.64	cps

LB Number : LB115166 Operator : Jaswal
 Lab Sample ID : CCB30 Instrumnet Name : P8
 Client Sample ID : CCB30 Dilution Factor : 1
 Date & Time Acquired :: 2021-06-23 20:19:26 DataFile Name : 039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	192	212	164	190	12.93	cps
Antimony	121-1	300	342	467	369	23.48	cps
Arsenic	75-2	6	5	11	7	43.83	cps
Barium	135-1	75	92	50	72	29.04	cps
Barium	137-1	183	100	83	122	43.83	cps
Beryllium	9-1	112	86	82	93	17.46	cps
Bismuth	209-1	2990286	2948520	2972677	2970494	0.71	cps
Bismuth	209-2	1490437	1480338	1465463	1478746	0.85	cps
Boron	10-1	2834	2840	2958	2877	2.43	cps
Boron	11-1	13484	12767	11999	12750	5.82	cps
Bromine	81-1	11106	10755	11517	11126	3.43	cps
Cadmium	111-1	775	787	846	803	4.70	cps
Cadmium	106-1	1542	1550	1675	1589	4.70	cps
Cadmium	108-1	29	13	42	28	52.68	cps
Calcium	43-1	240	267	227	245	8.17	cps
Calcium	44-1	27836	27231	26902	27323	1.73	cps
Carbon	12-1	3812488	3892838	3982112	3895813	2.18	cps
Carbon	12-2	38743	38201	39320	38755	1.44	cps
Chlorine	35-1	188574	189630	189680	189295	0.33	cps
Chlorine	35-2	1317	1492	1650	1486	11.22	cps
Chromium	52-2	630	563	823	672	20.09	cps
Cobalt	59-2	100	83	90	91	9.21	cps
Copper	63-2	427	420	357	401	9.63	cps
Dysprosium	156-1	0	0	25	8	173.21	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	8	0	67	25	145.31	cps
Erbium	164-2	3	13	7	8	65.47	cps
Gadolinium	160-1	0	42	25	22	94.38	cps
Gadolinium	160-2	10	10	7	9	21.63	cps
Holmium	165-1	5307470	5227468	5227233	5254057	0.88	cps
Holmium	165-2	2305816	2197452	2184508	2229259	2.99	cps
Indium	115-1	5120123	5123988	5159454	5134522	0.42	cps
Indium	115-2	707021	703285	700374	703560	0.47	cps
Iron	54-2	483	494	472	483	2.30	cps
Iron	56-2	4429	4001	3839	4090	7.44	cps
Iron	57-2	128	94	122	115	15.55	cps

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	CCB30	Instrumnet Name :	P8
Client Sample ID :	CCB30	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 20:19:26	DataFile Name :	039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1207	1037	1157	1133	7.71	cps
Lead	206-1	1100	1117	844	1020	14.95	cps
Lead	207-1	739	933	872	848	11.72	cps
Lead	208-1	2767	3142	3423	3110	10.58	cps
Lithium	6-1	2562567	2604308	2523851	2563575	1.57	cps
Magnesium	24-2	633	625	742	667	9.76	cps
Manganese	55-2	120	103	100	108	9.94	cps
Molybdenum	94-1	408	392	342	381	9.12	cps
Molybdenum	95-1	392	267	233	297	28.08	cps
Molybdenum	96-1	567	467	450	494	12.76	cps
Molybdenum	97-1	283	192	175	217	26.92	cps
Molybdenum	98-1	483	350	383	406	17.11	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	27	50	27	34	39.10	cps
Phosphorus	31-2	92	92	100	94	5.09	cps
Potassium	39-2	19405	19113	18629	19049	2.06	cps
Rhodium	103-1	5039507	4963564	4985558	4996210	0.78	cps
Rhodium	103-2	2014668	1997554	1978931	1997051	0.89	cps
Scandium	45-1	3822480	3798986	3852697	3824721	0.70	cps
Scandium	45-2	110031	110178	111619	110609	0.79	cps
Selenium	82-1	-110	86	-66	-30	-345.87	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	48	48	43	46	6.24	cps
Silicon	28-1	13614353	13801031	13844500	13753295	0.89	cps
Silver	107-1	200	217	292	236	20.68	cps
Silver	109-1	275	150	225	217	29.04	cps
Sodium	23-2	22059	21341	21491	21630	1.75	cps
Strontium	86-1	1934	1834	1800	1856	3.74	cps
Strontium	88-1	2334	1725	1375	1811	26.78	cps
Sulfur	34-1	314189	316644	314606	315146	0.42	cps
Terbium	159-1	5585471	5570094	5625344	5593636	0.51	cps
Terbium	159-2	2307440	2246161	2331564	2295055	1.92	cps
Thallium	203-1	600	492	458	517	14.34	cps
Thallium	205-1	2575	2745	2754	2691	3.74	cps
Tin	118-1	550	833	633	672	21.66	cps

LB Number :	LB115166	Operator :	Jaswal
Lab Sample ID :	CCB30	Instrumnet Name :	P8
Client Sample ID :	CCB30	Dilution Factor :	1
Date & Time Acquired ::	2021-06-23 20:19:26	DataFile Name :	039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	283	242	183	236	21.27	cps
Uranium	238-1	133	117	142	131	9.75	cps
Vanadium	51-2	17	30	7	18	65.83	cps
Ytterbium	172-1	17	17	25	19	24.73	cps
Ytterbium	172-2	0	6	17	7	114.54	cps
Ytterbium	176-1	575	558	583	572	2.22	cps
Ytterbium	176-2	328	372	344	348	6.45	cps
Yttrium	89-1	7287031	7333741	7350566	7323779	0.45	cps
Yttrium	89-2	699842	686823	687974	691546	1.04	cps
Zinc	66-2	260	253	267	260	2.56	cps
Zirconium	90-1	650	608	442	567	19.46	cps
Zirconium	91-1	83	67	125	92	32.77	cps