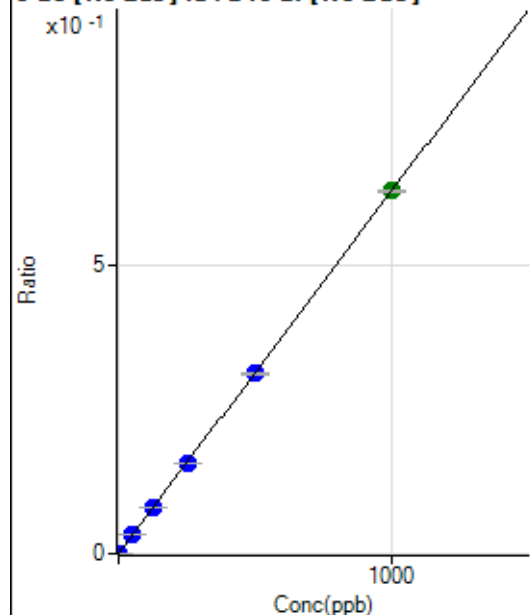


Batch Folder: D:\ICP-MS Data\P7081318MS.b\
Analysis File: P7081318MS.batch.bin
DA Date-Time: 2018-08-14 10:58:24
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-08-13 15:03:35
2			
3	005CALS.d	S02	2018-08-13 15:12:09
4	006CALS.d	S03	2018-08-13 15:16:02
5	007CALS.d	S04	2018-08-13 15:20:13
6	008CALS.d	S05	2018-08-13 15:23:59
7	009CALS.d	S06	2018-08-13 15:27:44
8	010CALS.d	S07	2018-08-13 15:31:28
9	011CALS.d	S08	2018-08-13 15:35:17

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.56	0.0000	P	20.0
2	☐	0.100					
3	☐	1.000	1.000	3644.98	0.0006	P	3.3
4	☐	50.000	51.534	184585.75	0.0325	P	0.2
5	☐	125.000	129.027	458701.78	0.0812	P	0.4
6	☐	250.000	251.522	871957.26	0.1584	P	0.1
7	☐	500.000	496.469	1707859.60	0.3126	P	0.6
8	☐	1000.000	1000.805	3411820.94	0.6301	A	0.2
9	☐			650.03	0.0001	P	16.6

$$y = 6.2954\text{E-}004 * x + 9.8350\text{E-}006$$

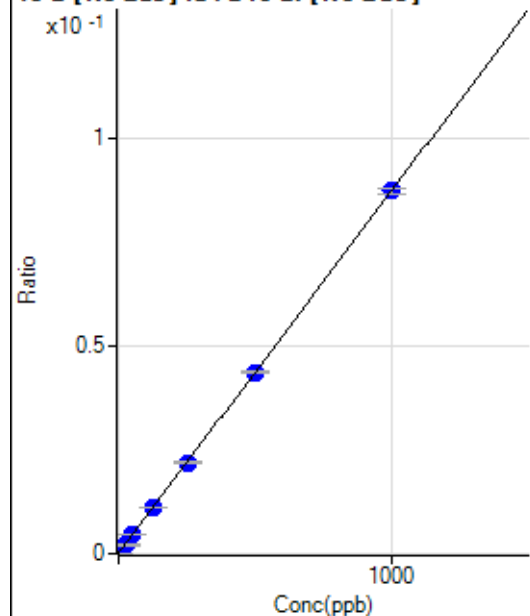
$$R = 1.0000$$

$$DL = 0.009366$$

$$BEC = 0.01562$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	500.03	0.0001	P	18.8
2	☐	2.500					
3	☐	25.000	23.253	12085.79	0.0021	P	3.9
4	☐	50.000	50.368	25536.30	0.0045	P	3.5
5	☐	125.000	126.193	62758.79	0.0111	P	3.2
6	☐	250.000	250.223	120852.65	0.0220	P	1.7
7	☐	500.000	499.484	238932.96	0.0437	P	1.6
8	☐	1000.000	1000.078	473635.91	0.0875	P	1.4
9	☐			13767.94	0.0027	P	9.4

$$y = 8.7371\text{E-}005 * x + 8.8540\text{E-}005$$

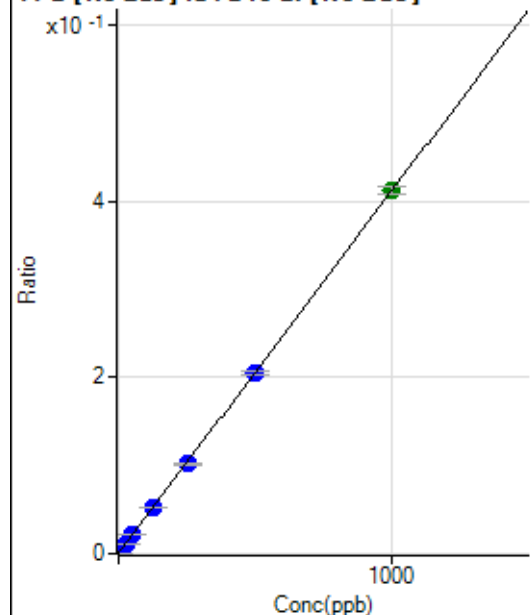
$$R = 1.0000$$

$$DL = 0.573$$

$$BEC = 1.013$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2272.48	0.0004	P	5.2
2	☐	2.500					
3	☐	25.000	23.801	58104.17	0.0102	P	3.6
4	☐	50.000	50.141	119612.06	0.0210	P	0.9
5	☐	125.000	125.679	294210.83	0.0521	P	0.8
6	☐	250.000	246.979	561606.35	0.1020	P	1.6
7	☐	500.000	499.450	1124811.72	0.2059	P	2.3
8	☐	1000.000	1000.968	2232011.01	0.4122	A	2.0
9	☐			66143.56	0.0127	P	10.3

$$y = 4.1138\text{E-}004 * x + 4.0229\text{E-}004$$

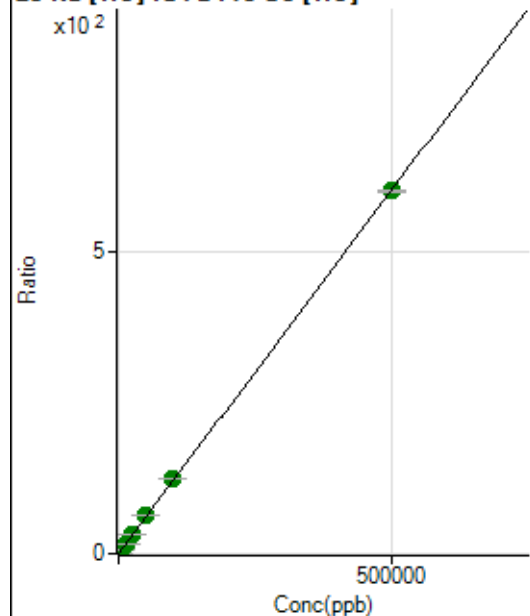
$$R = 1.0000$$

$$DL = 0.1538$$

$$BEC = 0.9779$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	10837.64	0.0221	P	2.9
2	☐	50.000					
3	☐	500.000	521.902	328871.70	0.6514	P	0.7
4	☐	5000.000	5438.017	3285159.43	6.5796	A	1.2
5	☐	12500.000	13437.907	8249103.92	16.2265	A	0.1
6	☐	25000.000	26444.146	16339749.85	31.9104	A	0.4
7	☐	50000.000	52101.030	32606408.72	62.8494	A	0.7
8	☐	100000.00	102383.31	67120086.22	123.4836	A	0.6
9	☐	500000.00	499213.17	332734021.3	602.0109	A	0.2

$$y = 0.0012 * x + 0.0221$$

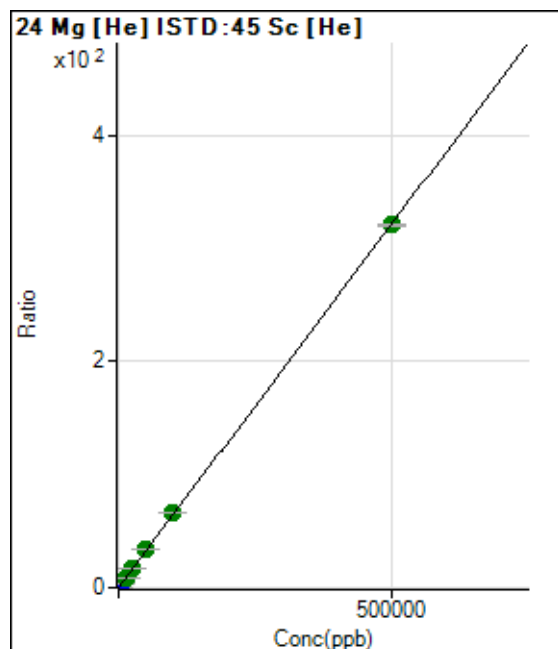
$$R = 1.0000$$

$$DL = 1.604$$

$$BEC = 18.3$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	144.45	0.0003	P	43.6
2	☐	50.000					
3	☐	500.000	511.587	166250.21	0.3293	P	0.3
4	☐	5000.000	5470.320	1756673.11	3.5183	P	1.0
5	☐	12500.000	13484.979	4408924.19	8.6726	A	0.5
6	☐	25000.000	26469.805	8716736.39	17.0233	A	0.5
7	☐	50000.000	51993.534	17347791.53	33.4379	A	0.5
8	☐	100000.00	102747.47	35917414.00	66.0783	A	0.6
9	☐	500000.00	499148.32	177422205.3	321.0081	A	0.4

$$y = 6.4311\text{E-}004 * x + 2.9401\text{E-}004$$

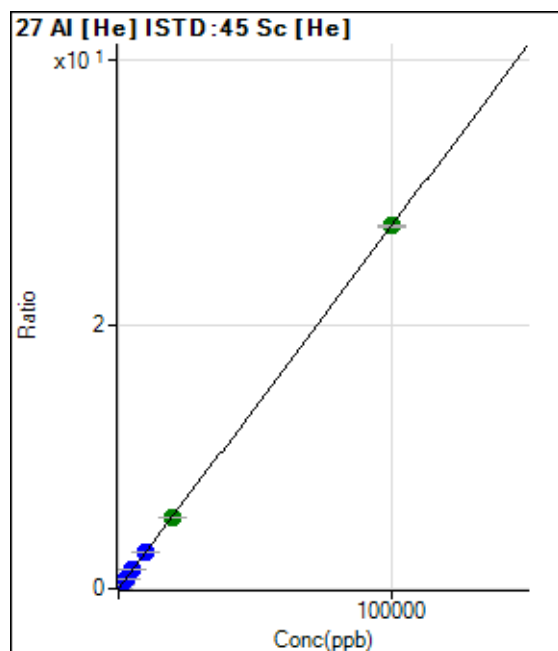
$$R = 1.0000$$

$$DL = 0.5973$$

$$BEC = 0.4572$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	116.67	0.0002	P	28.6
2	☐	2.000					
3	☐	20.000	18.969	2750.36	0.0054	P	3.0
4	☐	1000.000	1037.683	142428.42	0.2853	P	0.9
5	☐	2500.000	2587.673	361441.27	0.7110	P	0.3
6	☐	5000.000	5094.082	716575.05	1.3994	P	0.6
7	☐	10000.000	10087.255	1437547.82	2.7709	P	0.6
8	☐	20000.000	19872.276	2967085.79	5.4585	A	0.0
9	☐	100000.00	100009.54	15182551.21	27.4697	A	0.7

$$y = 2.7467\text{E-}004 * x + 2.3764\text{E-}004$$

$$R = 1.0000$$

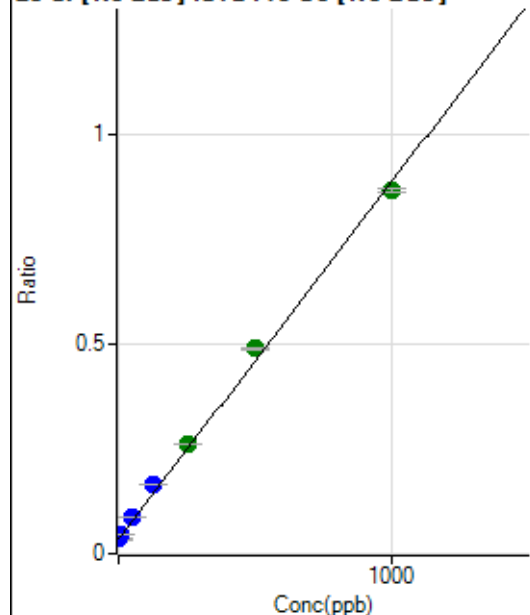
$$DL = 0.7431$$

$$BEC = 0.8652$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	362982.72	0.0345	P	0.5
2	☐	1.000					
3	☐	10.000	14.358	501919.19	0.0468	P	0.5
4	☐	50.000	61.487	926261.04	0.0870	P	1.2
5	☐	125.000	151.639	1776715.82	0.1640	P	1.0
6	☐	250.000	265.956	2780558.42	0.2616	A	0.3
7	☐	500.000	533.568	5345672.12	0.4900	A	0.5
8	☐	1000.000	975.279	9849874.87	0.8670	A	0.9
9	☐			1868513.95	0.1672	P	2.1

$$y = 8.5359\text{E-}004 * x + 0.0345$$

$$R = 0.9988$$

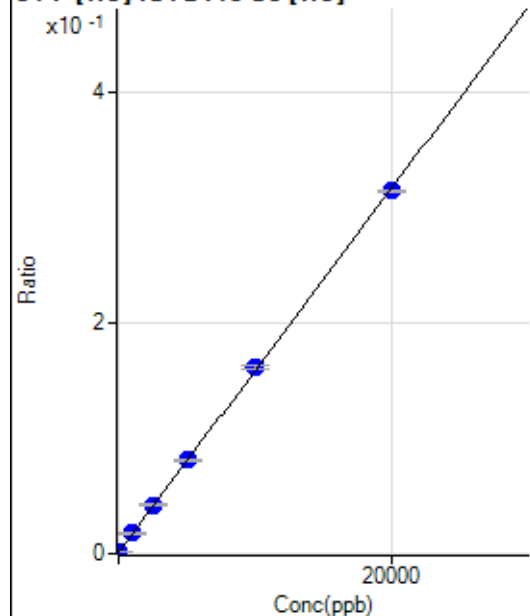
$$DL = 0.6011$$

$$BEC = 40.46$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-0.760	558.37	0.0011	P	5.6
2	☐	0.000					
3	☐	0.000	0.760	586.15	0.0012	P	8.4
4	☐	1000.000	1037.413	8755.66	0.0175	P	2.4
5	☐	2500.000	2608.184	21530.17	0.0424	P	1.2
6	☐	5000.000	5086.204	41728.89	0.0815	P	1.6
7	☐	10000.000	10190.227	84106.67	0.1621	P	1.5
8	☐	20000.000	19867.942	171227.93	0.3150	P	0.5
9	☐			577.81	0.0010	P	6.7

$$y = 1.5797\text{E-}005 * x + 0.0011$$

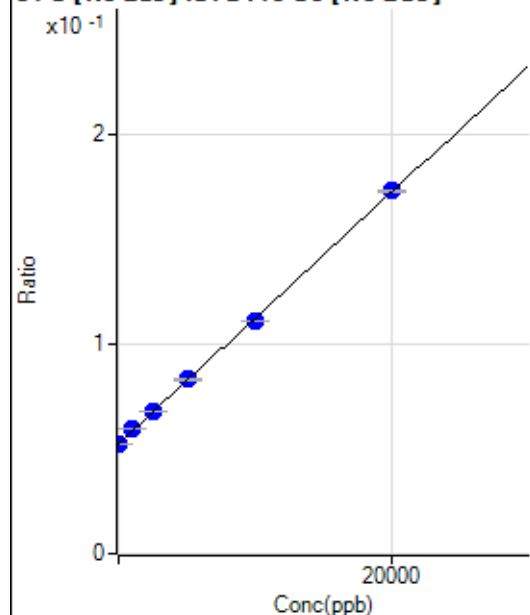
$$R = 0.9999$$

$$DL = 15.36$$

$$BEC = 72.74$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-10.315	551295.51	0.0525	P	0.7
2	☐	0.000					
3	☐	0.000	10.315	563979.86	0.0526	P	0.1
4	☐	1000.000	1146.073	632243.88	0.0594	P	0.3
5	☐	2500.000	2617.251	739305.94	0.0682	P	0.3
6	☐	5000.000	5095.116	883503.05	0.0831	P	0.6
7	☐	10000.000	9742.438	1211055.27	0.1110	P	0.5
8	☐	20000.000	20083.042	1966345.98	0.1731	P	0.3
9	☐			471901.43	0.0422	P	0.9

$$y = 6.0037\text{E-}006 * x + 0.0525$$

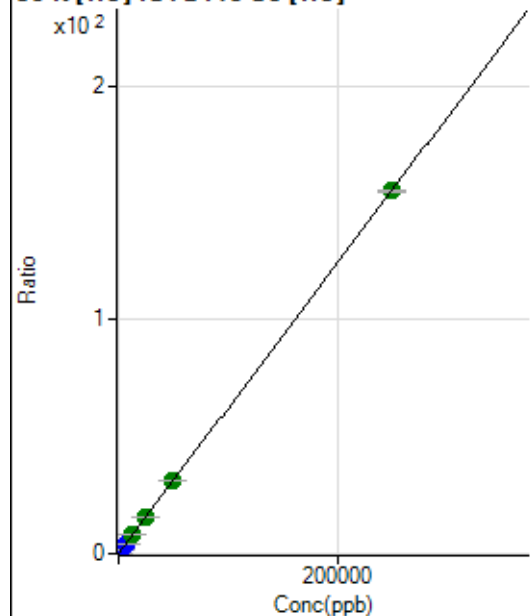
$$R = 0.9998$$

$$DL = 109.5$$

$$BEC = 8747$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	30490.54	0.0621	P	2.2
2	☐	50.000					
3	☐	500.000	487.743	183937.70	0.3643	P	1.2
4	☐	2500.000	2552.492	820771.30	1.6438	P	0.7
5	☐	6250.000	6350.950	2032322.33	3.9977	P	0.4
6	☐	12500.000	12521.050	4004905.82	7.8213	A	0.3
7	☐	25000.000	24914.050	8042099.05	15.5011	A	0.4
8	☐	50000.000	49772.612	16799309.40	30.9057	A	0.2
9	☐	250000.00	250049.99	85677743.58	155.0157	A	0.3

$$y = 6.1969\text{E-}004 * x + 0.0621$$

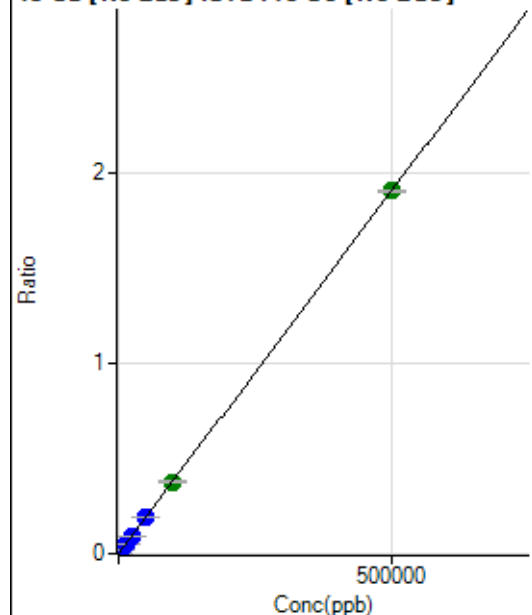
$$R = 1.0000$$

$$DL = 6.688$$

$$BEC = 100.2$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	269.46	0.0000	P	14.1
2	☐	50.000					
3	☐	500.000	480.604	19958.53	0.0019	P	1.2
4	☐	5000.000	5095.257	207350.40	0.0195	P	0.9
5	☐	12500.000	12576.136	520560.43	0.0480	P	0.3
6	☐	25000.000	24953.986	1013173.88	0.0953	P	0.3
7	☐	50000.000	49477.169	2061227.48	0.1889	P	0.1
8	☐	100000.00	99207.747	4303382.26	0.3788	A	0.5
9	☐	500000.00	500210.19	21347514.71	1.9099	A	0.4

$$y = 3.8181\text{E-}006 * x + 2.5641\text{E-}005$$

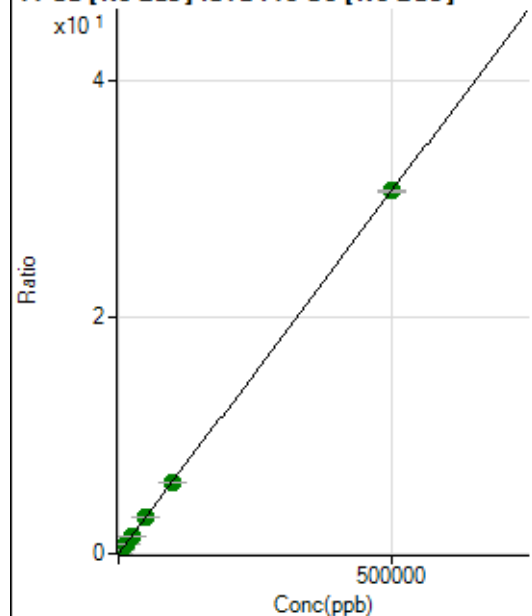
$$R = 1.0000$$

$$DL = 2.831$$

$$BEC = 6.716$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	12475.20	0.0012	P	1.2
2	☐	50.000					
3	☐	500.000	476.522	325661.92	0.0304	P	0.6
4	☐	5000.000	5041.804	3298266.28	0.3099	A	0.2
5	☐	12500.000	12529.365	8324649.66	0.7683	A	0.3
6	☐	25000.000	25001.433	16284957.31	1.5319	A	0.6
7	☐	50000.000	49750.613	33242818.45	3.0471	A	0.2
8	☐	100000.00	98771.467	68709755.70	6.0483	A	0.6
9	☐	500000.00	500269.44	342358832.6	30.6295	A	0.5

$$y = 6.1224\text{E-}005 * x + 0.0012$$

$$R = 1.0000$$

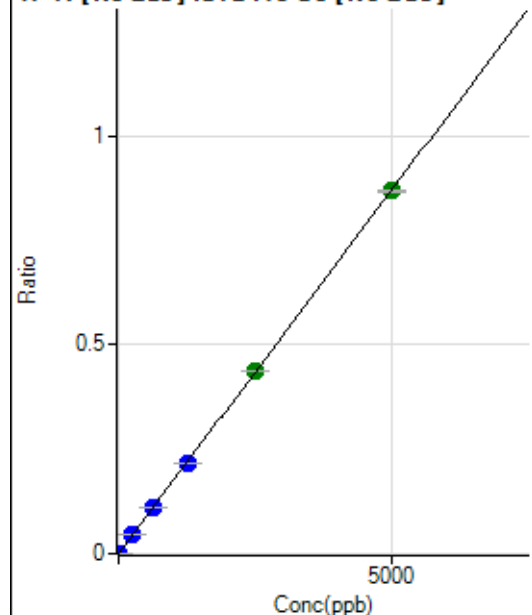
$$DL = 0.6715$$

$$BEC = 19.39$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	130.56	0.0000	P	36.4
2	☐	0.500					
3	☐	5.000	4.753	9008.71	0.0008	P	1.9
4	☐	250.000	253.660	470226.32	0.0442	P	0.2
5	☐	625.000	628.142	1185136.35	0.1094	P	0.7
6	☐	1250.000	1254.835	2322754.02	0.2185	P	0.3
7	☐	2500.000	2511.679	4771026.02	0.4373	A	0.3
8	☐	5000.000	4992.376	9874471.14	0.8692	A	0.6
9	☐			5415.10	0.0005	P	6.0

$$y = 1.7411\text{E-}004 * x + 1.2424\text{E-}005$$

$$R = 1.0000$$

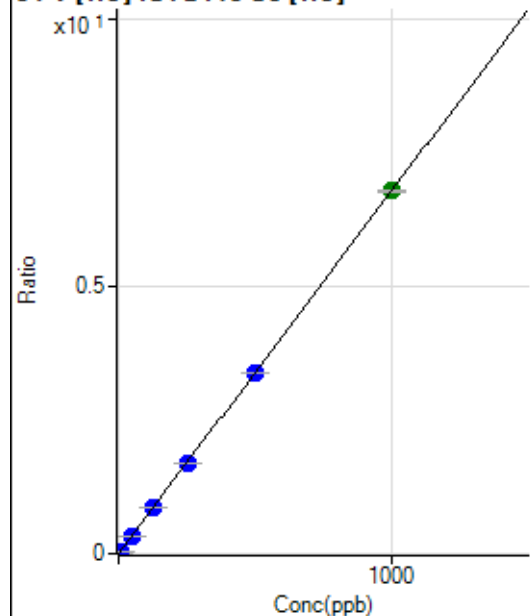
$$DL = 0.07786$$

$$BEC = 0.07136$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7.78	0.0000	P	98.9
2	☐	0.500					
3	☐	5.000	4.813	16497.19	0.0327	P	1.6
4	☐	50.000	49.926	169168.11	0.3388	P	1.4
5	☐	125.000	126.161	435236.16	0.8561	P	0.3
6	☐	250.000	250.344	869903.89	1.6989	P	0.4
7	☐	500.000	498.913	1756537.96	3.3857	P	0.0
8	☐	1000.000	1000.317	3689834.81	6.7882	A	0.3
9	☐			1572.33	0.0028	P	3.5

$$y = 0.0068 * x + 1.5825\text{E-}005$$

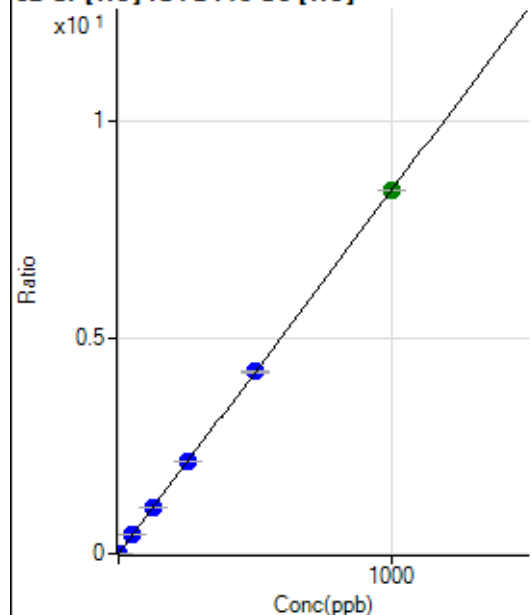
$$R = 1.0000$$

$$DL = 0.006922$$

$$BEC = 0.002332$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	670.03	0.0014	P	13.5
2	☐	0.200					
3	☐	2.000	2.119	9679.97	0.0192	P	1.7
4	☐	50.000	51.280	215882.67	0.4324	P	0.7
5	☐	125.000	128.673	550486.97	1.0829	P	0.3
6	☐	250.000	253.189	1090387.12	2.1294	P	0.1
7	☐	500.000	500.361	2182567.41	4.2069	P	0.5
8	☐	1000.000	998.499	4562552.78	8.3937	A	0.1
9	☐			175569.72	0.3177	P	1.0

$$y = 0.0084 * x + 0.0014$$

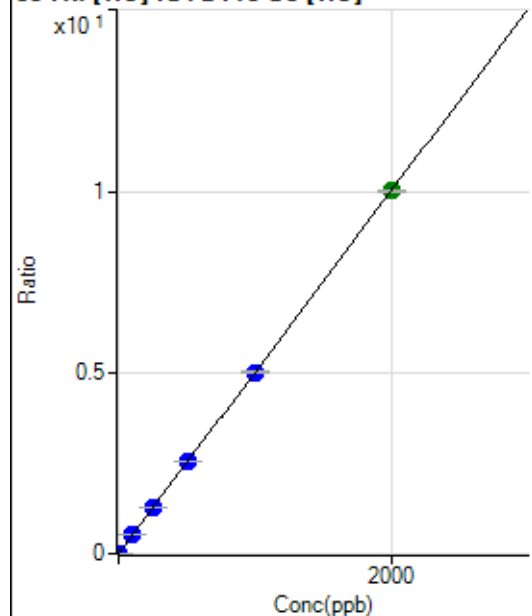
$$R = 1.0000$$

$$DL = 0.06566$$

$$BEC = 0.1624$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	98.89	0.0002	P	4.3
2	☐	0.100					
3	☐	1.000	0.972	2560.26	0.0051	P	5.3
4	☐	100.000	102.275	256020.27	0.5127	P	0.9
5	☐	250.000	255.701	651548.24	1.2816	P	0.2
6	☐	500.000	504.799	1295476.39	2.5300	P	0.4
7	☐	1000.000	1000.546	2601530.10	5.0144	P	0.4
8	☐	2000.000	1997.701	5441901.86	10.0116	A	0.4
9	☐			27367.84	0.0495	P	0.9

$$y = 0.0050 * x + 2.0140E-004$$

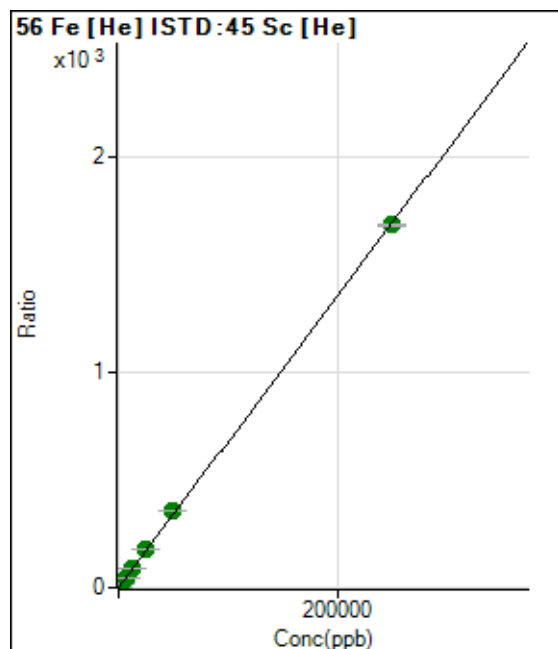
$$R = 1.0000$$

$$DL = 0.00524$$

$$BEC = 0.04019$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5664.22	0.0115	P	2.0
2	☐	5.000					
3	☐	50.000	54.078	190435.87	0.3772	P	0.6
4	☐	2500.000	2696.868	9111201.59	18.2479	A	0.7
5	☐	6250.000	6763.848	23257558.85	45.7491	A	0.3
6	☐	12500.000	13404.135	46417863.54	90.6511	A	0.4
7	☐	25000.000	26569.863	93218923.38	179.6785	A	0.4
8	☐	50000.000	52894.770	194427822.8	357.6890	A	0.4
9	☐	250000.00	249204.03	931385198.6	1,685.143	A	0.4

$$y = 0.0068 * x + 0.0115$$

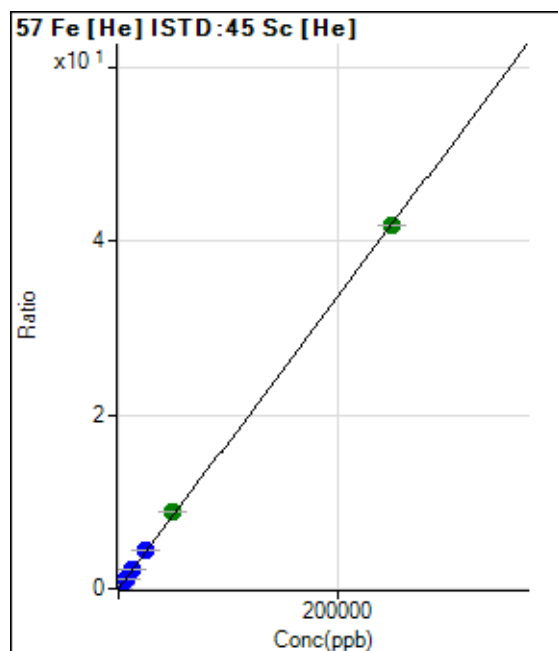
$$R = 0.9999$$

$$DL = 0.1029$$

$$BEC = 1.706$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	277.79	0.0006	P	17.6
2	☐	5.000					
3	☐	50.000	54.681	4906.51	0.0097	P	2.3
4	☐	2500.000	2719.905	227583.28	0.4558	P	1.2
5	☐	6250.000	6788.407	577910.38	1.1368	P	0.4
6	☐	12500.000	13423.373	1150754.31	2.2473	P	0.3
7	☐	25000.000	26623.440	2312205.95	4.4567	P	0.3
8	☐	50000.000	52877.564	4811042.70	8.8511	A	0.7
9	☐	250000.00	249200.31	23053986.86	41.7111	A	0.1

$$y = 1.6738E-004 * x + 5.6588E-004$$

$$R = 0.9999$$

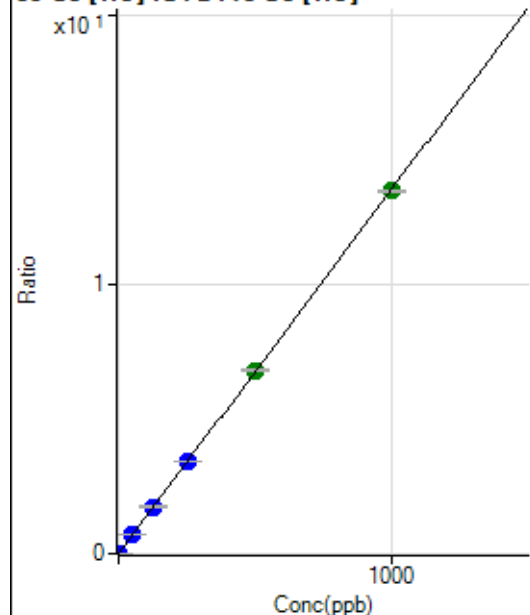
$$DL = 1.787$$

$$BEC = 3.381$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	90.00	0.0002	P	10.0
2	☐	0.100					
3	☐	1.000	1.029	7128.52	0.0141	P	2.7
4	☐	50.000	52.013	351958.66	0.7049	P	0.9
5	☐	125.000	129.300	890693.38	1.7521	P	0.1
6	☐	250.000	255.104	1769942.49	3.4566	P	0.3
7	☐	500.000	503.560	3539667.48	6.8229	A	1.0
8	☐	1000.000	996.306	7337559.61	13.4990	A	0.3
9	☐			86425.75	0.1564	P	0.6

$$y = 0.0135 * x + 1.8330E-004$$

$$R = 1.0000$$

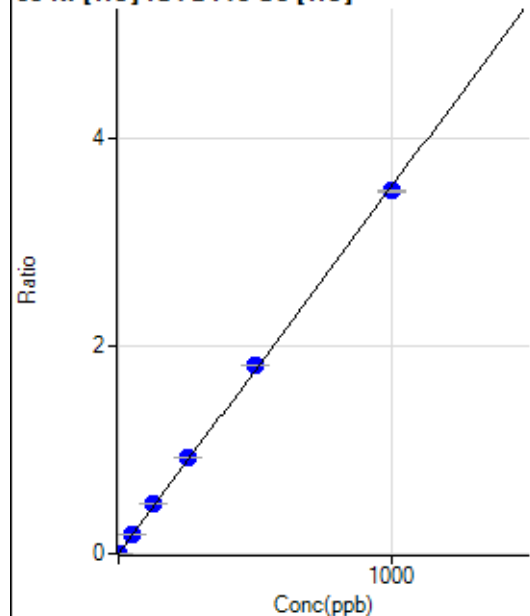
$$DL = 0.004058$$

$$BEC = 0.01353$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	57.78	0.0001	P	8.6
2	☐	0.100					
3	☐	1.000	1.156	2124.63	0.0042	P	3.7
4	☐	50.000	53.985	95439.25	0.1911	P	0.6
5	☐	125.000	134.087	241263.22	0.4746	P	0.2
6	☐	250.000	262.086	474947.00	0.9275	P	0.3
7	☐	500.000	514.143	943919.96	1.8194	P	0.6
8	☐	1000.000	988.572	1901500.63	3.4982	P	0.3
9	☐			60325.80	0.1091	P	0.5

$$y = 0.0035 * x + 1.1763E-004$$

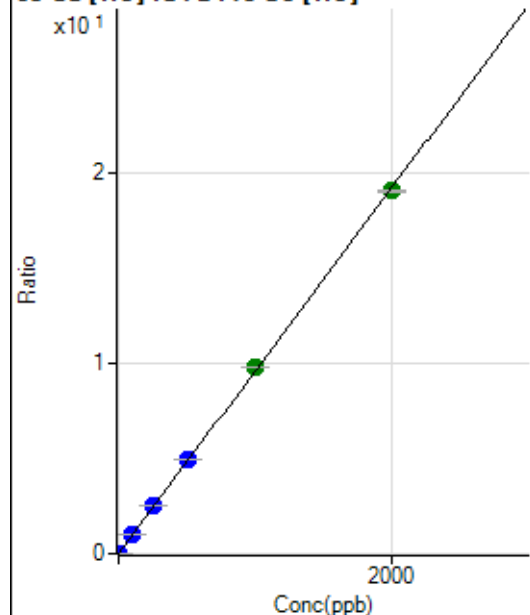
$$R = 0.9998$$

$$DL = 0.008564$$

$$BEC = 0.03324$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	853.37	0.0017	P	2.4
2	☐	0.200					
3	☐	2.000	2.063	10884.18	0.0216	P	1.0
4	☐	100.000	105.839	508687.69	1.0188	P	1.5
5	☐	250.000	262.631	1283948.45	2.5256	P	0.1
6	☐	500.000	514.867	2534431.61	4.9496	P	0.5
7	☐	1000.000	1018.609	5079415.97	9.7905	A	0.4
8	☐	2000.000	1985.108	10370385.54	19.0786	A	0.4
9	☐			23854.06	0.0432	P	1.1

$$y = 0.0096 * x + 0.0017$$

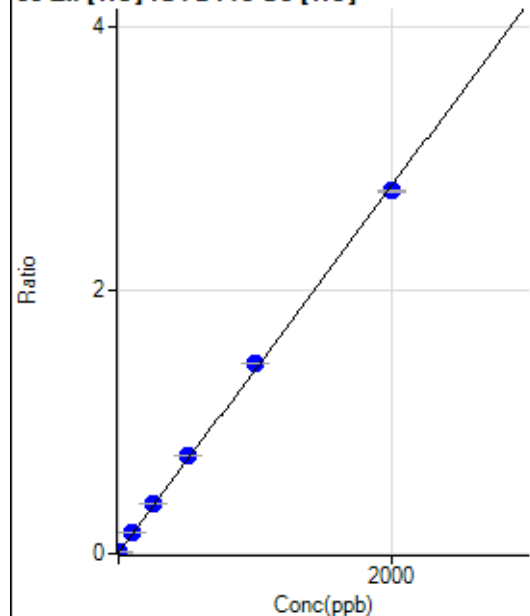
$$R = 0.9999$$

$$DL = 0.01292$$

$$BEC = 0.1808$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3182.62	0.0065	P	2.8
2	☐	0.200					
3	☐	2.000	1.125	4062.86	0.0080	P	1.3
4	☐	100.000	107.426	77936.36	0.1561	P	1.5
5	☐	250.000	271.006	195171.04	0.3839	P	0.7
6	☐	500.000	529.384	380845.52	0.7438	P	0.5
7	☐	1000.000	1031.846	748914.06	1.4435	P	0.6
8	☐	2000.000	1973.735	1497686.18	2.7553	P	0.3
9	☐			12608.93	0.0228	P	2.1

$$y = 0.0014 * x + 0.0065$$

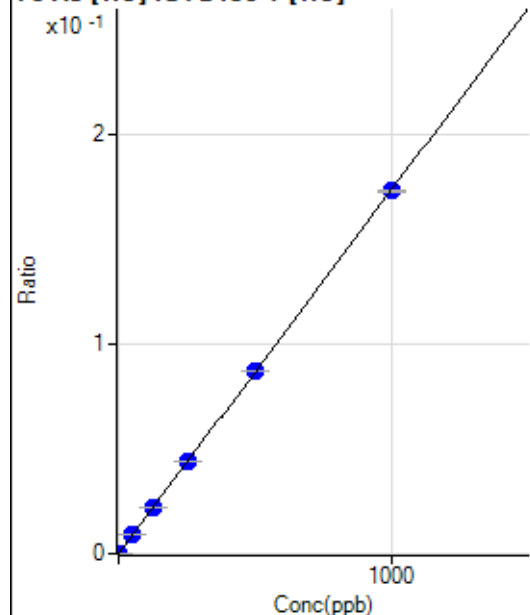
$$R = 0.9997$$

$$DL = 0.3873$$

$$BEC = 4.653$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12.96	0.0000	P	14.7
2	☐	0.100					
3	☐	1.000	0.995	466.68	0.0002	P	1.1
4	☐	50.000	51.770	23452.92	0.0090	P	1.2
5	☐	125.000	127.966	59510.52	0.0222	P	0.7
6	☐	250.000	255.226	119079.88	0.0443	P	0.4
7	☐	500.000	501.941	239354.76	0.0871	P	0.7
8	☐	1000.000	997.264	495972.04	0.1730	P	0.3
9	☐			768.55	0.0003	P	2.0

$$y = 1.7349\text{E-}004 * x + 5.0828\text{E-}006$$

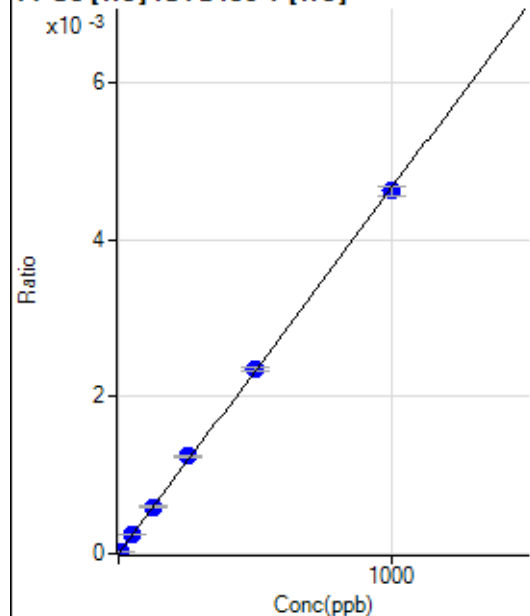
$$R = 1.0000$$

$$DL = 0.01291$$

$$BEC = 0.0293$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	6.919	84.45	0.0000	P	23.9
4	☐	50.000	52.154	633.36	0.0002	P	2.8
5	☐	125.000	127.779	1593.45	0.0006	P	3.5
6	☐	250.000	266.338	3332.65	0.0012	P	1.4
7	☐	500.000	506.480	6478.22	0.0024	P	2.3
8	☐	1000.000	992.211	13235.10	0.0046	P	2.7
9	☐			10.00	0.0000	P	33.7

$$y = 4.6532\text{E-}006 * x + 0.0000\text{E+}000$$

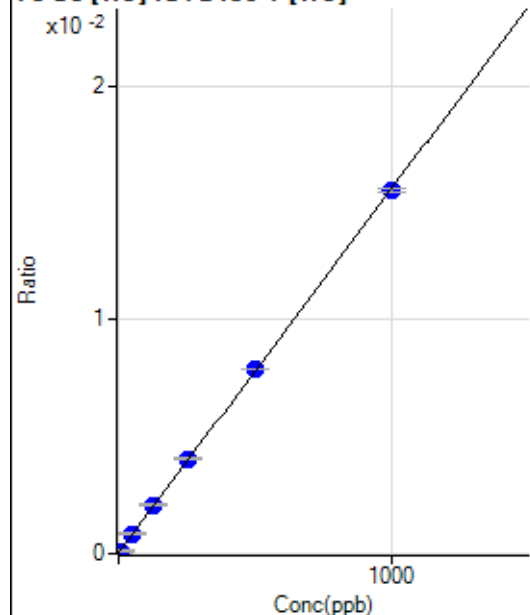
$$R = 0.9998$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	76.54	0.0000	P	13.0
2	☐	0.500					
3	☐	5.000	5.915	320.38	0.0001	P	3.0
4	☐	50.000	53.156	2236.61	0.0009	P	2.9
5	☐	125.000	131.901	5580.13	0.0021	P	2.5
6	☐	250.000	259.365	10931.97	0.0041	P	1.0
7	☐	500.000	505.038	21679.21	0.0079	P	0.3
8	☐	1000.000	994.114	44422.71	0.0155	P	1.0
9	☐			123.46	0.0000	P	5.0

$$y = 1.5558\text{E-}005 * x + 2.9999\text{E-}005$$

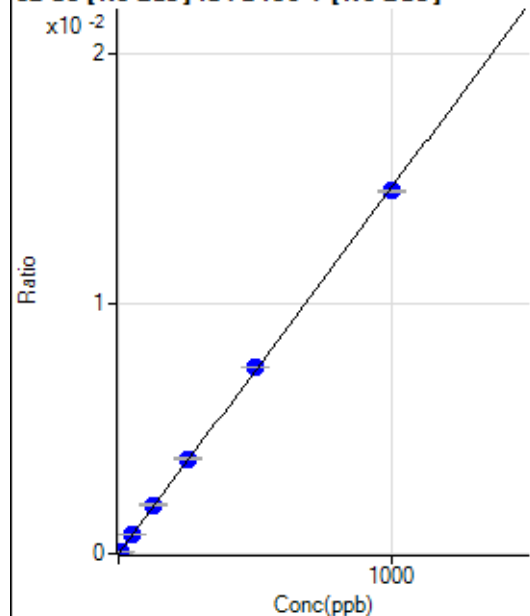
$$R = 0.9999$$

$$DL = 0.7529$$

$$BEC = 1.928$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-13.34	0.0000	P	-562.
2	☐	0.500					
3	☐	5.000	5.273	1270.84	0.0001	P	9.7
4	☐	50.000	54.046	13086.90	0.0008	P	0.8
5	☐	125.000	133.131	32884.17	0.0019	P	1.4
6	☐	250.000	259.656	64436.07	0.0038	P	1.0
7	☐	500.000	510.248	129537.82	0.0075	P	0.0
8	☐	1000.000	991.242	260666.42	0.0145	P	0.7
9	☐			346.97	0.0000	P	12.9

$$y = 1.4631\text{E-}005 * x - 8.3451\text{E-}007$$

$$R = 0.9999$$

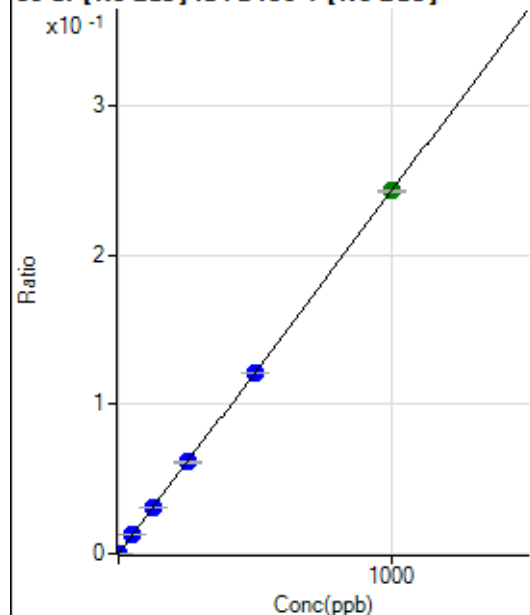
$$DL = 0.962$$

$$BEC = -0.05704$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	825.06	0.0001	P	1.0
2	☐	0.100					
3	☐	1.000	1.042	5048.33	0.0003	P	1.6
4	☐	50.000	51.559	208085.83	0.0126	P	1.3
5	☐	125.000	127.243	522293.98	0.0309	P	1.1
6	☐	250.000	252.710	1041066.90	0.0614	P	1.5
7	☐	500.000	497.621	2096132.29	0.1208	P	0.1
8	☐	1000.000	1000.154	4362771.62	0.2427	A	0.3
9	☐			21803.41	0.0013	P	1.7

$$y = 2.4264\text{E-}004 * x + 5.0433\text{E-}005$$

$$R = 1.0000$$

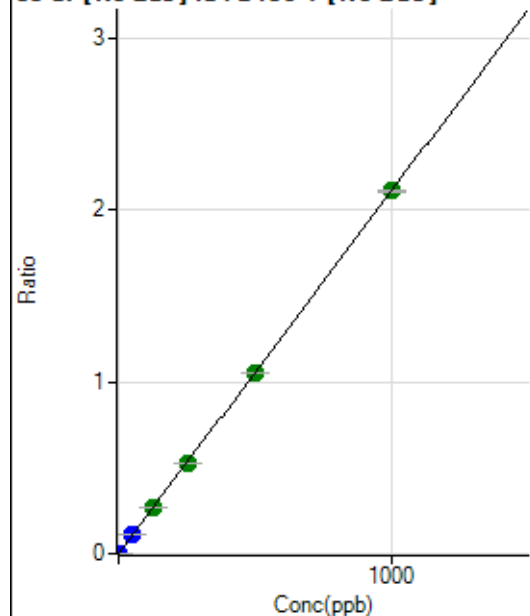
$$DL = 0.00608$$

$$BEC = 0.2079$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	133.34	0.0000	P	15.7
2	☐	0.100					
3	☐	1.000	1.024	36085.18	0.0022	P	0.2
4	☐	50.000	50.854	1776894.03	0.1073	P	0.7
5	☐	125.000	125.867	4483458.65	0.2655	A	0.3
6	☐	250.000	250.713	8970239.70	0.5288	A	0.5
7	☐	500.000	499.533	18281401.62	1.0535	A	0.3
8	☐	1000.000	999.904	37903216.47	2.1088	A	0.5
9	☐			182738.65	0.0106	P	1.6

$$y = 0.0021 * x + 8.1448\text{E-}006$$

$$R = 1.0000$$

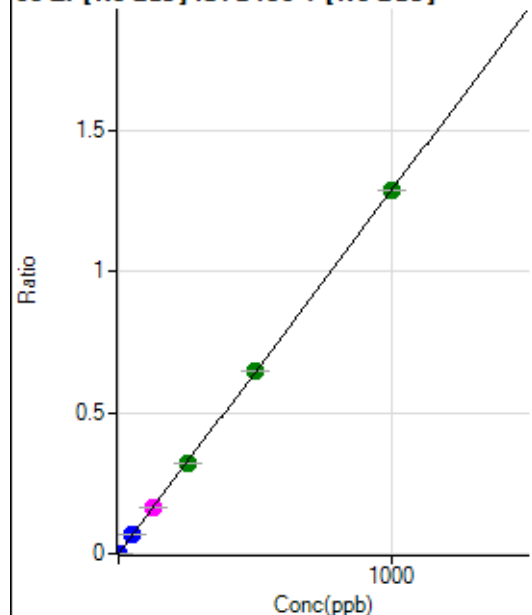
$$DL = 0.001823$$

$$BEC = 0.003862$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1439.03	0.0001	P	10.9
2	☐	0.100					
3	☐	1.000	1.008	23091.58	0.0014	P	1.4
4	☐	50.000	50.644	1083018.40	0.0654	P	0.2
5	☐	125.000	125.686	2737968.09	0.1621	M	0.2
6	☐	250.000	250.330	5476096.91	0.3228	A	0.2
7	☐	500.000	501.693	11224220.91	0.6468	A	0.0
8	☐	1000.000	998.953	23147498.09	1.2878	A	0.2
9	☐			6401.71	0.0004	P	12.6

$$y = 0.0013 * x + 8.7915E-005$$

$$R = 1.0000$$

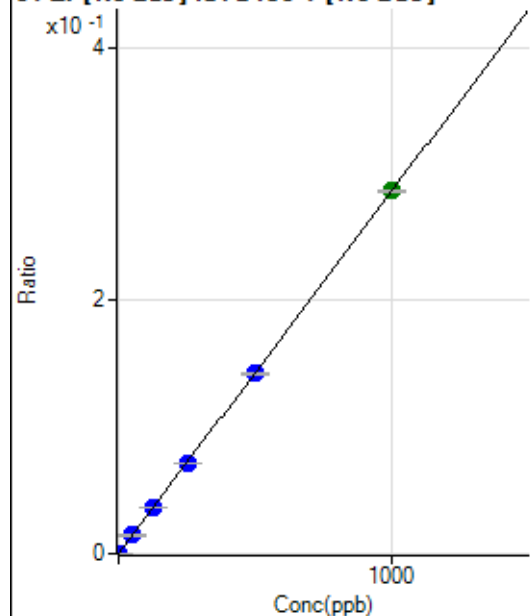
$$DL = 0.02231$$

$$BEC = 0.0682$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	286.13	0.0000	P	6.9
2	☐	0.100					
3	☐	1.000	0.972	4917.70	0.0003	P	2.9
4	☐	50.000	50.451	239346.93	0.0144	P	0.7
5	☐	125.000	126.761	612628.75	0.0363	P	0.5
6	☐	250.000	249.551	1211151.74	0.0714	P	0.6
7	☐	500.000	496.520	2464635.62	0.1420	P	0.5
8	☐	1000.000	1001.610	5149369.39	0.2865	A	0.3
9	☐			1480.70	0.0001	P	14.9

$$y = 2.8601E-004 * x + 1.7498E-005$$

$$R = 1.0000$$

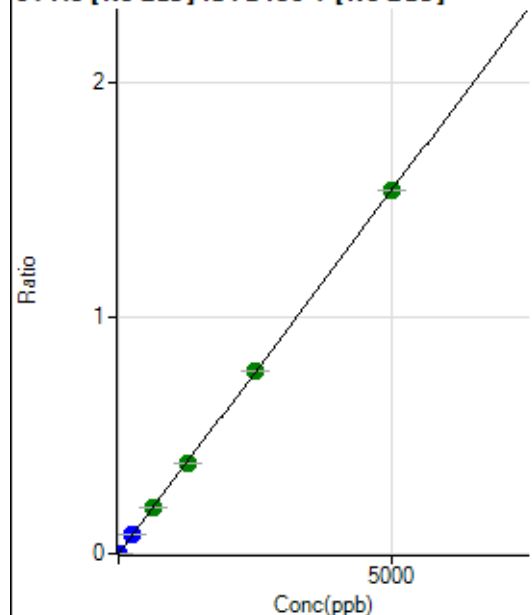
$$DL = 0.01266$$

$$BEC = 0.06118$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	505.59	0.0000	P	1.1
2	☐	0.500					
3	☐	5.000	5.042	26361.25	0.0016	P	2.1
4	☐	250.000	256.002	1306607.23	0.0789	P	0.6
5	☐	625.000	631.126	3283165.66	0.1944	A	1.0
6	☐	1250.000	1251.644	6539742.25	0.3855	A	0.6
7	☐	2500.000	2507.139	13398748.22	0.7721	A	0.2
8	☐	5000.000	4994.954	27649165.20	1.5383	A	0.1
9	☐			36647.98	0.0021	P	4.0

$$y = 3.0796E-004 * x + 3.0905E-005$$

$$R = 1.0000$$

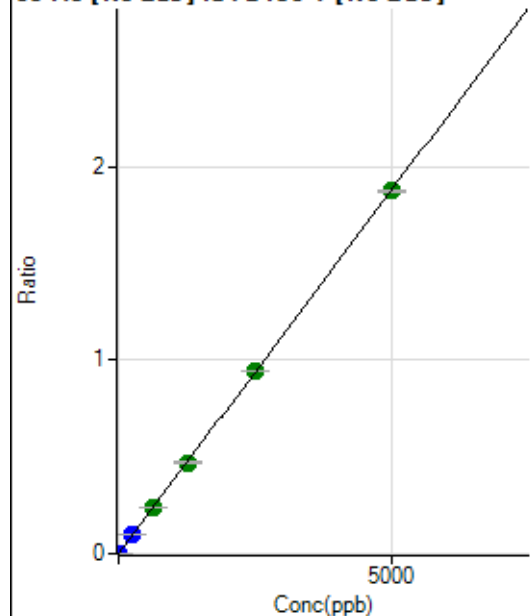
$$DL = 0.003382$$

$$BEC = 0.1004$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	91.67	0.0000	P	31.7
2	☐	0.500					
3	☐	5.000	4.918	30831.51	0.0019	P	0.8
4	☐	250.000	255.737	1590621.21	0.0960	P	0.3
5	☐	625.000	631.338	4003098.05	0.2370	A	0.8
6	☐	1250.000	1252.766	7978666.32	0.4703	A	0.9
7	☐	2500.000	2515.414	16386885.95	0.9443	A	0.3
8	☐	5000.000	4990.522	33674839.29	1.8735	A	0.3
9	☐			59429.96	0.0034	P	2.7

$$y = 3.7541E-004 * x + 5.6058E-006$$

$$R = 1.0000$$

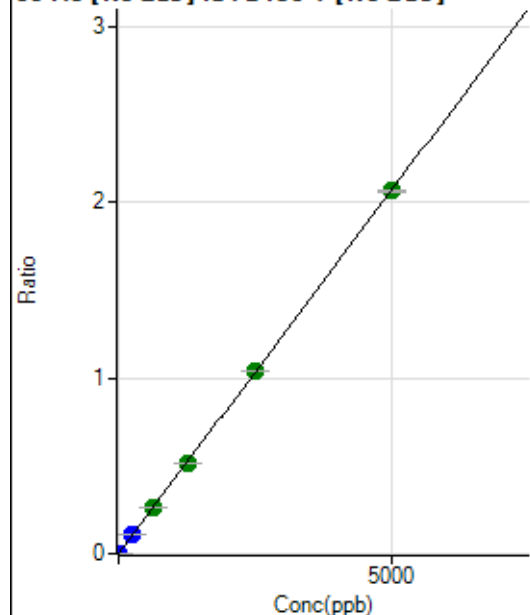
$$DL = 0.01419$$

$$BEC = 0.01493$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	233.34	0.0000	P	16.9
2	☐	0.500					
3	☐	5.000	4.883	33907.82	0.0020	P	0.2
4	☐	250.000	255.361	1752262.93	0.1058	P	0.5
5	☐	625.000	630.942	4413460.12	0.2613	A	0.6
6	☐	1250.000	1250.948	8789466.86	0.5181	A	0.5
7	☐	2500.000	2514.312	18069756.13	1.0413	A	0.2
8	☐	5000.000	4991.597	37156792.84	2.0672	A	0.5
9	☐			71552.01	0.0042	P	3.8

$$y = 4.1414\text{E-}004 * x + 1.4272\text{E-}005$$

$$R = 1.0000$$

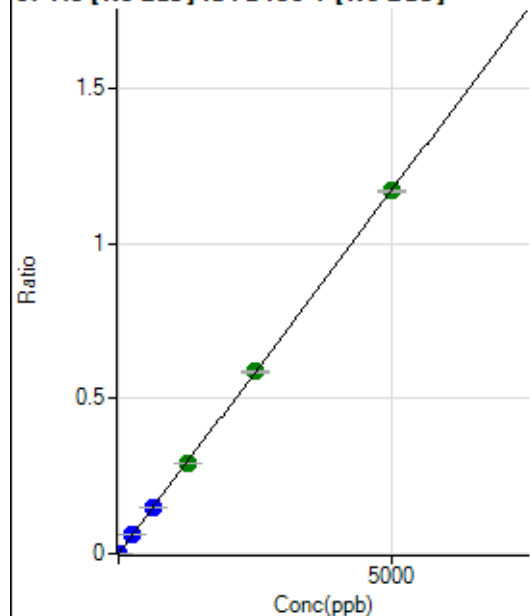
$$DL = 0.01747$$

$$BEC = 0.03446$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	91.67	0.0000	P	36.8
2	☐	0.500					
3	☐	5.000	4.928	19322.11	0.0012	P	0.8
4	☐	250.000	254.679	989003.90	0.0597	P	0.5
5	☐	625.000	630.518	2496078.98	0.1478	P	0.7
6	☐	1250.000	1245.848	4954095.21	0.2920	A	0.3
7	☐	2500.000	2509.172	10205593.98	0.5881	A	0.6
8	☐	5000.000	4995.528	21045295.78	1.1709	A	0.7
9	☐			36213.77	0.0021	P	2.6

$$y = 2.3438\text{E-}004 * x + 5.6082\text{E-}006$$

$$R = 1.0000$$

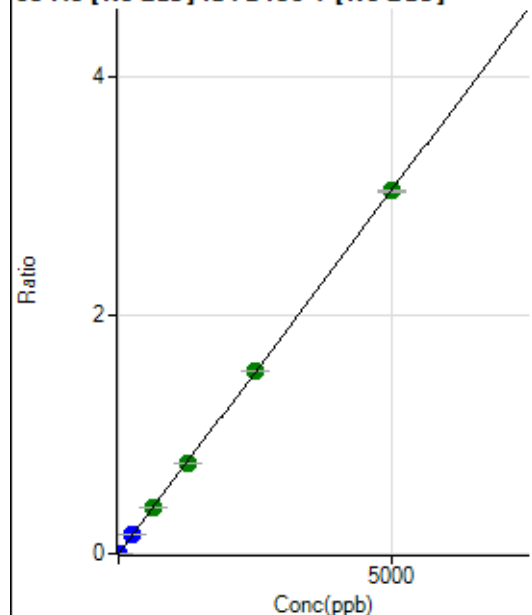
$$DL = 0.02642$$

$$BEC = 0.02393$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	186.12	0.0000	P	10.5
2	☐	0.500					
3	☐	5.000	4.923	50030.36	0.0030	P	1.8
4	☐	250.000	254.901	2567937.04	0.1550	P	0.6
5	☐	625.000	629.640	6466423.32	0.3829	A	1.1
6	☐	1250.000	1243.720	12830472.77	0.7563	A	0.3
7	☐	2500.000	2512.186	26507909.97	1.5276	A	0.5
8	☐	5000.000	4994.652	54587715.11	3.0371	A	0.7
9	☐			91812.26	0.0053	P	4.5

$$y = 6.0806E-004 * x + 1.1379E-005$$

$$R = 1.0000$$

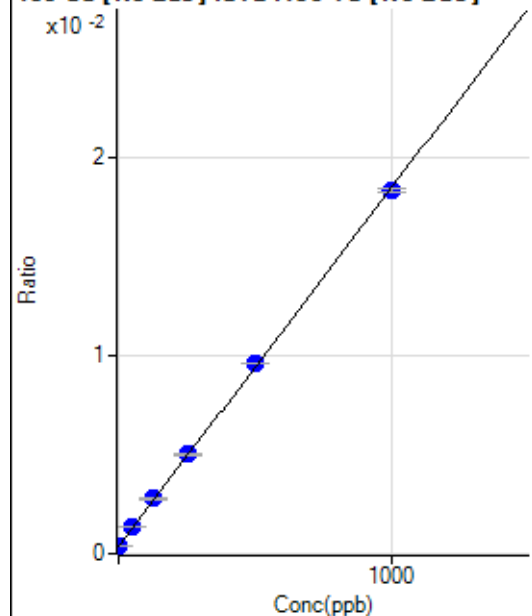
$$DL = 0.005911$$

$$BEC = 0.01871$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7266.04	0.0004	P	4.5
2	☐	0.100					
3	☐	1.000	0.685	7669.05	0.0004	P	7.0
4	☐	50.000	54.192	26873.67	0.0014	P	1.1
5	☐	125.000	132.481	56502.23	0.0028	P	1.1
6	☐	250.000	256.022	102287.72	0.0050	P	1.2
7	☐	500.000	511.872	202579.10	0.0096	P	0.3
8	☐	1000.000	991.414	391105.74	0.0183	P	0.9
9	☐			7516.22	0.0004	P	4.1

$$y = 1.8079E-005 * x + 3.7049E-004$$

$$R = 0.9999$$

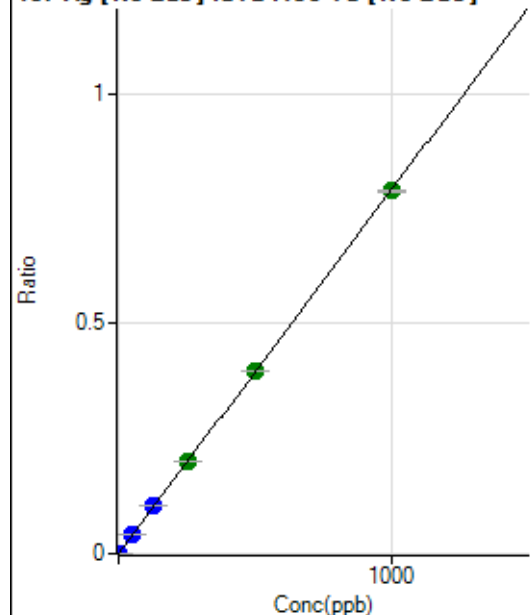
$$DL = 2.77$$

$$BEC = 20.49$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	105.56	0.0000	P	29.6
2	☐	0.100					
3	☐	1.000	1.035	16482.48	0.0008	P	3.5
4	☐	50.000	53.587	843225.62	0.0424	P	0.2
5	☐	125.000	130.890	2114036.27	0.1035	P	0.2
6	☐	250.000	254.492	4116083.99	0.2012	A	0.5
7	☐	500.000	502.086	8353935.95	0.3969	A	0.7
8	☐	1000.000	996.918	16847881.45	0.7881	A	0.3
9	☐			2800.40	0.0001	P	10.9

$$y = 7.9051\text{E-}004 * x + 5.3804\text{E-}006$$

$$R = 1.0000$$

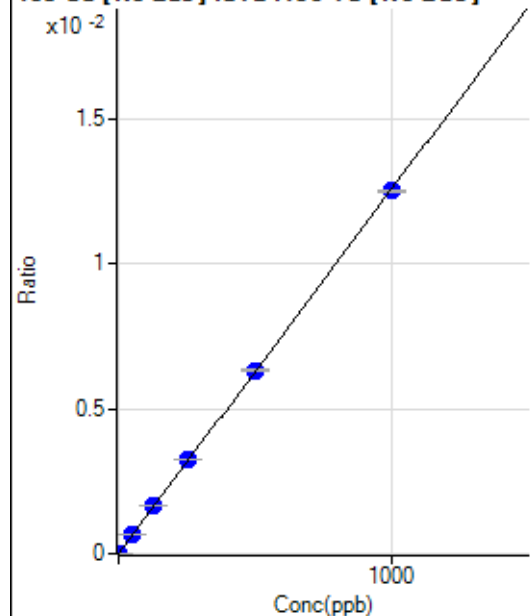
$$DL = 0.00605$$

$$BEC = 0.006806$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.89	0.0000	P	62.3
2	☐	0.100					
3	☐	1.000	1.079	286.12	0.0000	P	3.7
4	☐	50.000	53.392	13387.13	0.0007	P	1.1
5	☐	125.000	131.954	33939.35	0.0017	P	2.6
6	☐	250.000	257.708	66363.16	0.0032	P	0.8
7	☐	500.000	502.581	133134.55	0.0063	P	1.2
8	☐	1000.000	995.744	267900.56	0.0125	P	0.5
9	☐			93.06	0.0000	P	5.1

$$y = 1.2584\text{E-}005 * x + 7.0734\text{E-}007$$

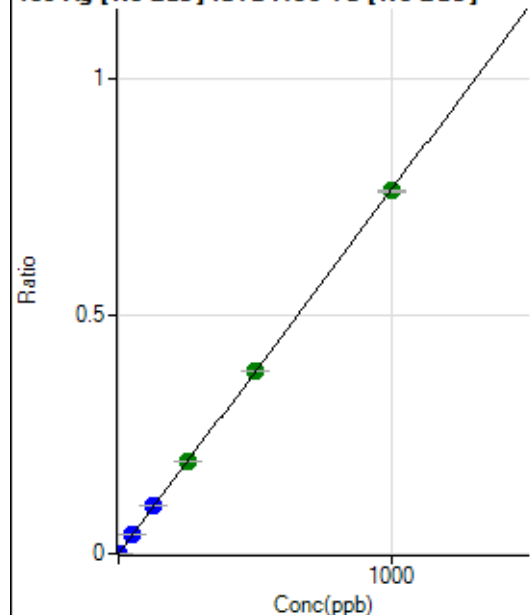
$$R = 0.9999$$

$$DL = 0.105$$

$$BEC = 0.05621$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	66.67	0.0000	P	78.0
2	☐	0.100					
3	☐	1.000	1.061	16343.42	0.0008	P	0.7
4	☐	50.000	53.631	817826.06	0.0411	P	1.0
5	☐	125.000	129.863	2032672.59	0.0995	P	0.5
6	☐	250.000	254.410	3987950.09	0.1949	A	0.5
7	☐	500.000	503.036	8111549.75	0.3854	A	0.3
8	☐	1000.000	996.590	16322497.76	0.7635	A	0.4
9	☐			2461.43	0.0001	P	12.8

$$y = 7.6611\text{E-}004 * x + 3.4001\text{E-}006$$

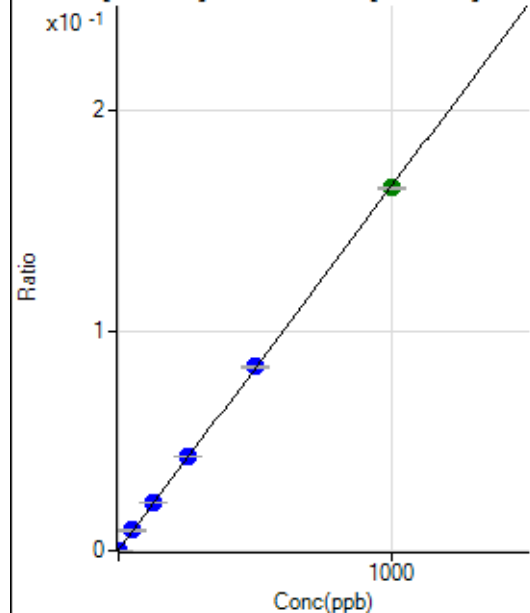
$$R = 1.0000$$

$$DL = 0.01038$$

$$BEC = 0.004438$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5080.67	0.0003	P	4.6
2	☐	0.100					
3	☐	1.000	0.961	8371.26	0.0004	P	5.6
4	☐	50.000	54.084	183125.30	0.0092	P	0.8
5	☐	125.000	131.854	450676.97	0.0221	P	0.5
6	☐	250.000	257.086	874954.72	0.0428	P	0.3
7	☐	500.000	503.454	1757454.93	0.0835	P	1.0
8	☐	1000.000	995.441	3524022.17	0.1648	A	0.3
9	☐			6203.22	0.0003	P	3.5

$$y = 1.6534\text{E-}004 * x + 2.5906\text{E-}004$$

$$R = 1.0000$$

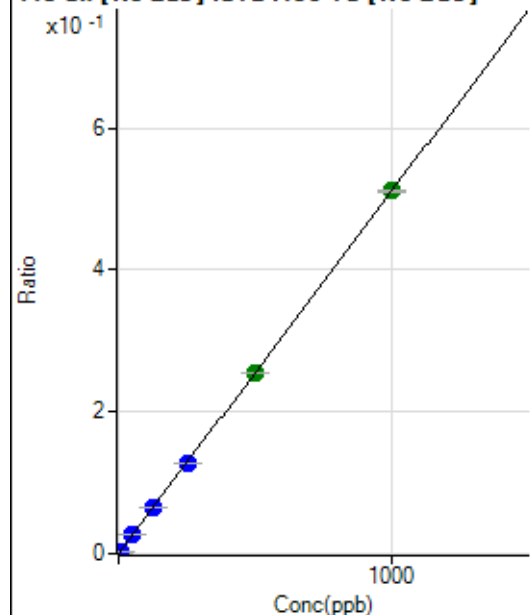
$$DL = 0.2141$$

$$BEC = 1.567$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4585.49	0.0002	P	9.6
2	☐	0.500					
3	☐	5.000	4.843	54197.26	0.0027	P	0.7
4	☐	50.000	51.215	525168.66	0.0264	P	0.4
5	☐	125.000	127.152	1331269.89	0.0652	P	0.7
6	☐	250.000	247.636	2591904.38	0.1267	P	0.7
7	☐	500.000	497.625	5353162.53	0.2543	A	0.5
8	☐	1000.000	1001.450	10937356.75	0.5116	A	0.6
9	☐			50989.15	0.0026	P	0.7

$$y = 5.1063\text{E-}004 * x + 2.3382\text{E-}004$$

$$R = 1.0000$$

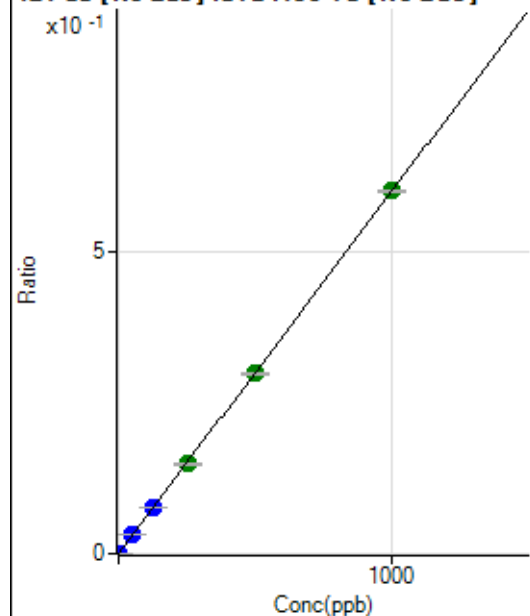
$$DL = 0.1313$$

$$BEC = 0.4579$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	125.01	0.0000	P	13.0
2	☐	0.200					
3	☐	2.000	1.954	23615.13	0.0012	P	1.1
4	☐	50.000	51.081	610296.52	0.0307	P	0.7
5	☐	125.000	126.163	1547084.18	0.0757	P	0.6
6	☐	250.000	248.068	3046126.95	0.1489	A	0.9
7	☐	500.000	496.657	6273980.00	0.2981	A	0.1
8	☐	1000.000	1001.955	12855823.90	0.6013	A	0.6
9	☐			19948.08	0.0010	P	1.2

$$y = 6.0017\text{E-}004 * x + 6.3726\text{E-}006$$

$$R = 1.0000$$

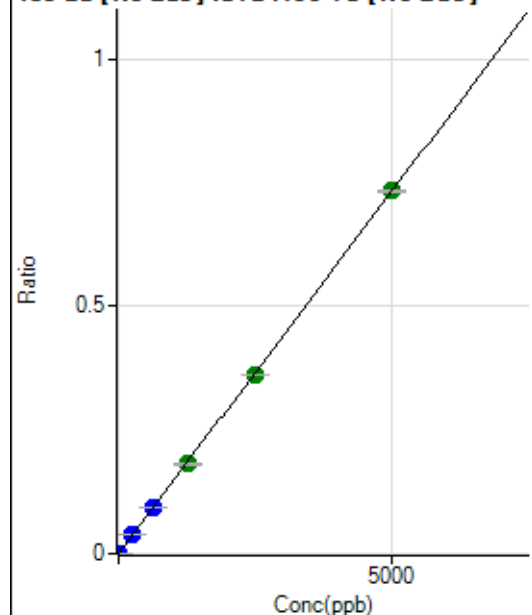
$$DL = 0.004148$$

$$BEC = 0.01062$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.67	0.0000	P	34.7
2	☐	1.000					
3	☐	10.000	9.793	28727.90	0.0014	P	2.0
4	☐	250.000	256.686	747348.42	0.0375	P	1.0
5	☐	625.000	631.596	1887576.76	0.0924	P	0.5
6	☐	1250.000	1238.295	3705973.26	0.1811	A	0.6
7	☐	2500.000	2478.754	7631693.75	0.3626	A	0.3
8	☐	5000.000	5012.391	15674830.21	0.7332	A	0.5
9	☐			3695.13	0.0002	P	9.2

$$y = 1.4628\text{E-}004 * x + 2.1250\text{E-}006$$

$$R = 1.0000$$

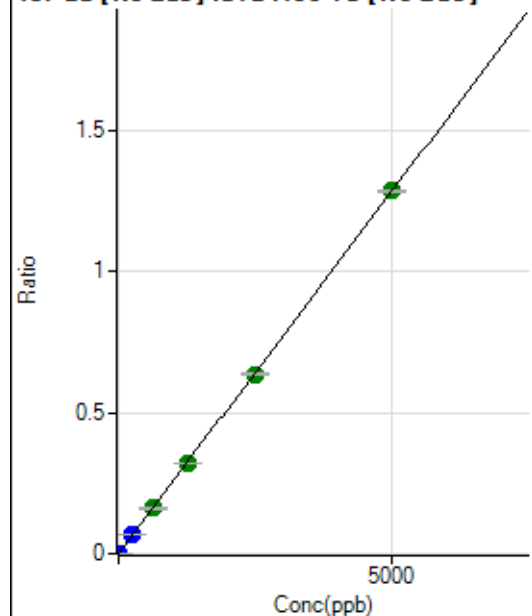
$$DL = 0.01512$$

$$BEC = 0.01453$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	63.89	0.0000	P	26.9
2	☐	1.000					
3	☐	10.000	9.733	50029.65	0.0025	P	0.4
4	☐	250.000	256.715	1309947.26	0.0658	P	0.4
5	☐	625.000	624.494	3270958.67	0.1601	A	0.8
6	☐	1250.000	1246.001	6535591.86	0.3194	A	0.3
7	☐	2500.000	2478.937	13376352.21	0.6355	A	0.6
8	☐	5000.000	5011.259	27465327.70	1.2847	A	0.5
9	☐			6329.50	0.0003	P	12.6

$$y = 2.5637\text{E-}004 * x + 3.2570\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.01026$$

$$BEC = 0.0127$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			4.45		P	86.6
4	☐			68.89		P	68.0
5	☐			122.23		P	28.0
6	☐			306.68		P	13.2
7	☐			522.25		P	10.2
8	☐			1051.19		P	9.8
9	☐			202.23		P	10.1

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	0.0
2	☐						
3	☐			1.11		P	173.2
4	☐			4.44		P	43.4
5	☐			21.11		P	36.5
6	☐			24.44		P	41.7
7	☐			57.78		P	3.3
8	☐			118.89		P	11.3
9	☐			80.00		P	11.0

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	0.0
2	☐						
3	☐			19.44		P	49.5
4	☐			25.00		P	88.2
5	☐			58.33		P	51.5
6	☐			66.67		P	12.5
7	☐			144.45		P	14.5
8	☐			244.46		P	3.9
9	☐			138.90		P	22.7

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	50.0
2	☐						
3	☐			15.56		P	12.4
4	☐			14.45		P	26.7
5	☐			35.56		P	27.1
6	☐			60.00		P	36.4
7	☐			108.89		P	16.9
8	☐			236.67		P	14.1
9	☐			72.22		P	23.2

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

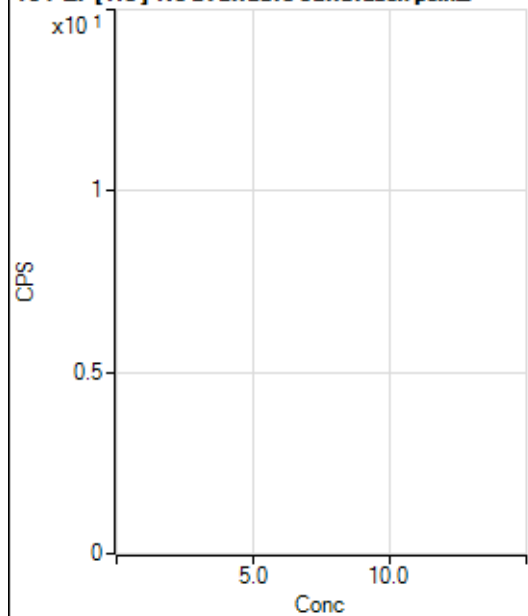
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			144.45		P	8.8
2	☐						
3	☐			144.45		P	20.3
4	☐			183.34		P	4.5
5	☐			247.24		P	24.4
6	☐			158.34		P	10.5
7	☐			194.45		P	25.8
8	☐			219.46		P	7.9
9	☐			236.13		P	19.4

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			252.23		P	11.4
2	☐						
3	☐			258.90		P	16.4
4	☐			287.79		P	1.8
5	☐			280.01		P	9.5
6	☐			242.23		P	6.5
7	☐			282.23		P	10.0
8	☐			304.45		P	1.7
9	☐			336.68		P	15.4

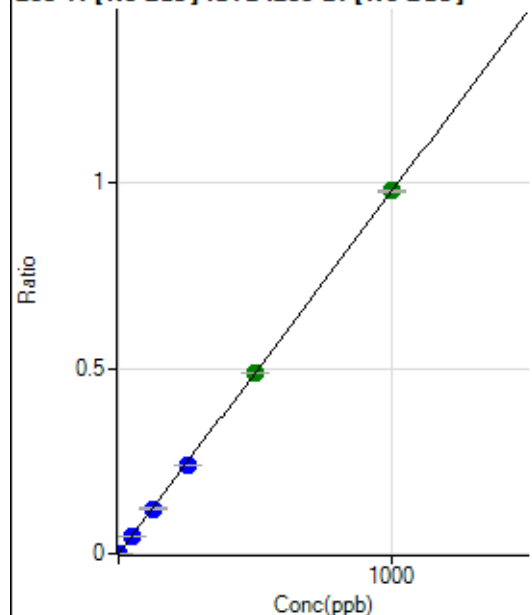
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			52.78		P	24.1
2	☐						
3	☐			86.12		P	24.4
4	☐			41.67		P	34.6
5	☐			75.00		P	48.4
6	☐			55.56		P	22.9
7	☐			52.78		P	9.1
8	☐			77.78		P	16.4
9	☐			105.56		P	25.4

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	50.0
2	☐						
3	☐			40.00		P	8.3
4	☐			35.56		P	32.9
5	☐			27.78		P	18.3
6	☐			32.22		P	12.0
7	☐			31.11		P	62.8
8	☐			48.89		P	7.9
9	☐			50.00		P	17.6

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	147.23	0.0000	P	38.4
2	☐	0.100					
3	☐	1.000	0.992	12350.72	0.0010	P	3.1
4	☐	50.000	49.789	611232.06	0.0486	P	0.4
5	☐	125.000	124.138	1546814.39	0.1213	P	1.5
6	☐	250.000	245.598	3019323.42	0.2399	P	0.7
7	☐	500.000	498.127	6206322.23	0.4866	A	0.3
8	☐	1000.000	1002.156	12353063.21	0.9789	A	0.2
9	☐			6849.27	0.0006	P	7.7

$$y = 9.7676\text{E-}004 * x + 1.1764\text{E-}005$$

$$R = 1.0000$$

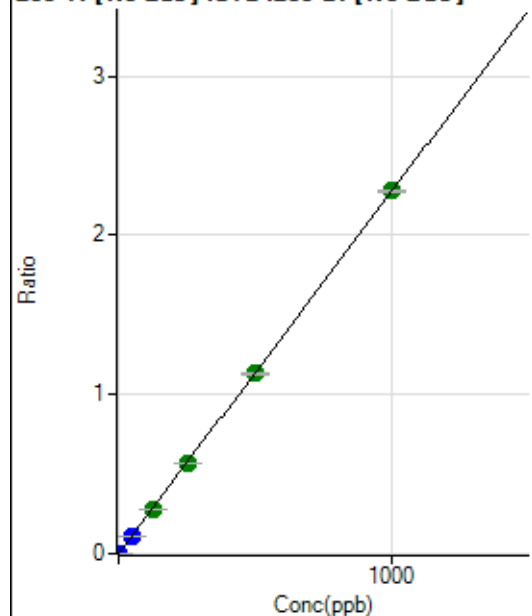
$$DL = 0.01389$$

$$BEC = 0.01204$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	338.91	0.0000	P	18.3
2	☐	0.100					
3	☐	1.000	0.965	27983.23	0.0022	P	2.2
4	☐	50.000	49.854	1424485.13	0.1134	P	0.5
5	☐	125.000	123.915	3593841.71	0.2817	A	0.8
6	☐	250.000	248.533	7111695.30	0.5651	A	0.6
7	☐	500.000	497.217	14419046.50	1.1304	A	0.6
8	☐	1000.000	1001.902	28744831.89	2.2778	A	0.2
9	☐			16230.00	0.0015	P	8.5

$$y = 0.0023 * x + 2.7068\text{E-}005$$

$$R = 1.0000$$

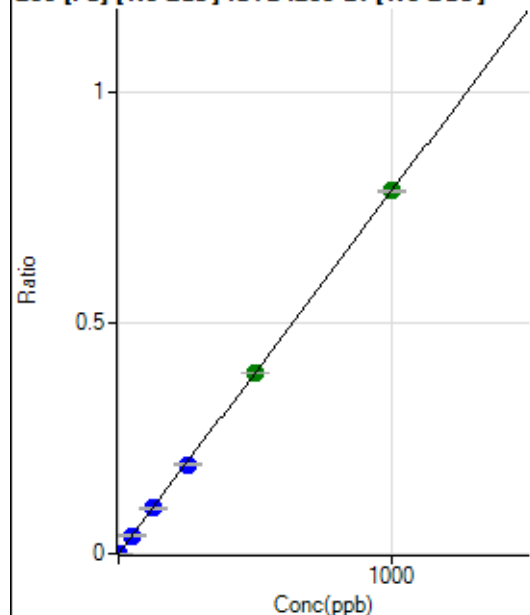
$$DL = 0.006551$$

$$BEC = 0.01191$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	403.72	0.0000	P	5.3
2	☐	0.100					
3	☐	1.000	0.961	9905.80	0.0008	P	3.2
4	☐	50.000	50.307	496553.80	0.0395	P	1.1
5	☐	125.000	124.805	1249960.37	0.0980	P	0.4
6	☐	250.000	246.603	2436423.46	0.1936	P	0.1
7	☐	500.000	499.800	5004192.24	0.3923	A	0.2
8	☐	1000.000	1000.958	9914804.27	0.7857	A	0.4
9	☐			56708.19	0.0053	P	0.4

$$y = 7.8488\text{E-}004 * x + 3.2256\text{E-}005$$

$$R = 1.0000$$

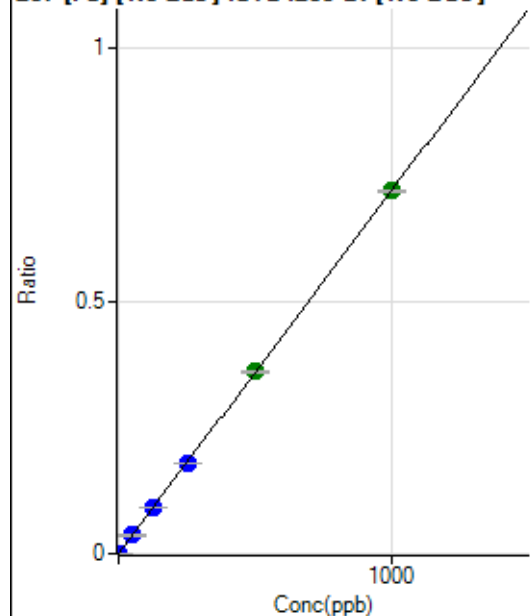
$$DL = 0.006521$$

$$BEC = 0.0411$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	361.13	0.0000	P	16.4
2	☐	0.100					
3	☐	1.000	0.957	9021.86	0.0007	P	4.7
4	☐	50.000	50.459	455774.89	0.0363	P	0.8
5	☐	125.000	124.771	1143561.48	0.0896	P	0.4
6	☐	250.000	248.976	2251030.48	0.1789	P	0.5
7	☐	500.000	500.925	4589799.81	0.3598	A	0.3
8	☐	1000.000	999.799	9062808.31	0.7182	A	0.7
9	☐			48117.22	0.0045	P	1.5

$$y = 7.1828\text{E-}004 * x + 2.8871\text{E-}005$$

$$R = 1.0000$$

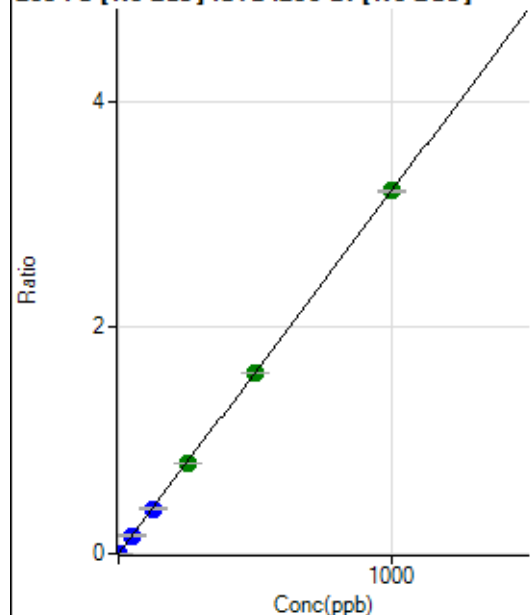
$$DL = 0.01983$$

$$BEC = 0.04019$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1587.12	0.0001	P	2.1
2	☐	0.100					
3	☐	1.000	0.977	41039.29	0.0033	P	1.9
4	☐	50.000	50.325	2027779.91	0.1614	P	0.3
5	☐	125.000	124.419	5086975.19	0.3988	P	0.3
6	☐	250.000	249.004	10043172.12	0.7980	A	0.1
7	☐	500.000	500.215	20445896.93	1.6029	A	0.2
8	☐	1000.000	1000.198	40445082.27	3.2050	A	0.6
9	☐			224134.83	0.0209	P	0.3

$$y = 0.0032 * x + 1.2683E-004$$

$$R = 1.0000$$

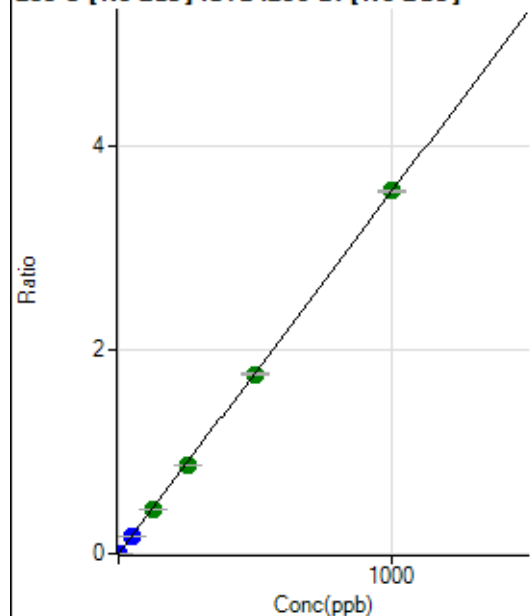
$$DL = 0.002501$$

$$BEC = 0.03958$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	169.45	0.0000	P	21.0
2	☐	0.100					
3	☐	1.000	0.940	42264.02	0.0034	P	0.7
4	☐	50.000	49.130	2195265.48	0.1747	P	0.8
5	☐	125.000	122.142	5540190.10	0.4343	A	0.7
6	☐	250.000	246.109	11014050.34	0.8751	A	0.4
7	☐	500.000	496.700	22528124.98	1.7662	A	0.4
8	☐	1000.000	1003.024	45008247.19	3.5665	A	0.3
9	☐			6118.46	0.0006	P	23.7

$$y = 0.0036 * x + 1.3550E-005$$

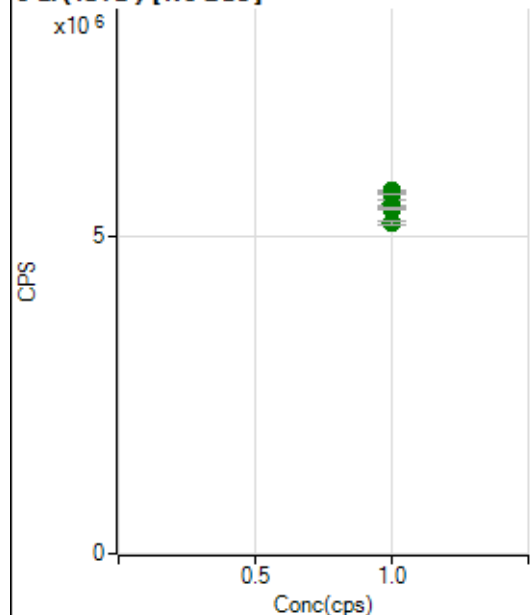
$$R = 1.0000$$

$$DL = 0.002395$$

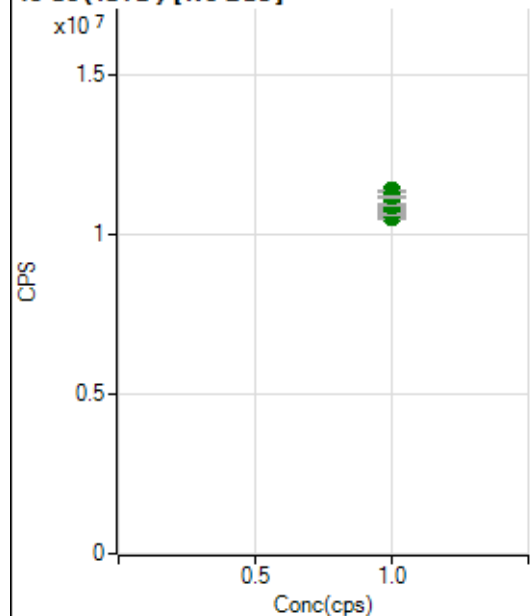
$$BEC = 0.003811$$

Weight: <None>

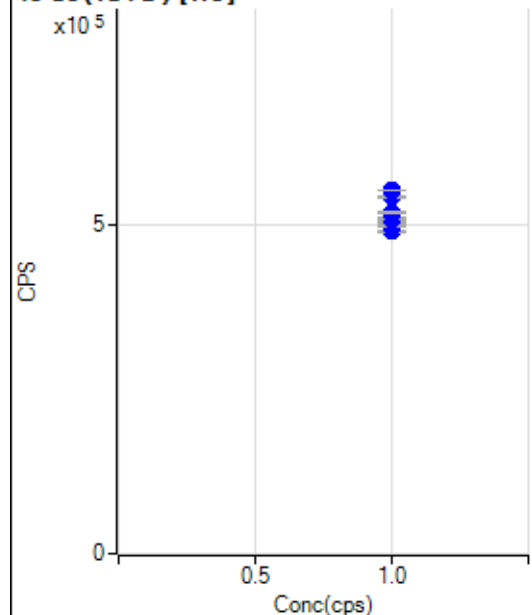
Min Conc: 0

6 Li (ISTD) [No Gas]

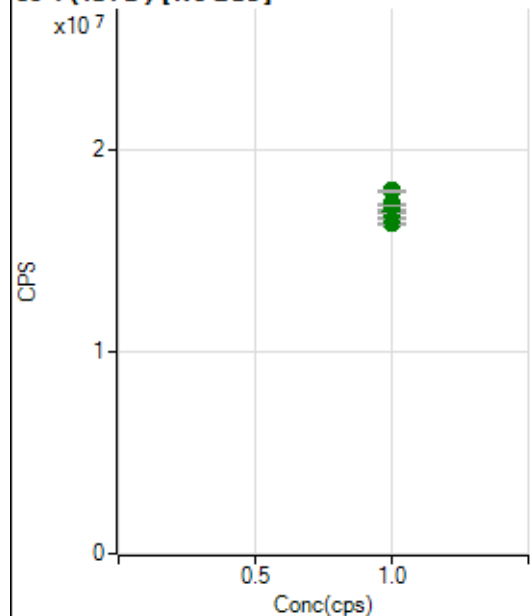
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5649411.51		A	0.3
2	☐	1.000					
3	☐	1.000		5700549.29		A	0.3
4	☐	1.000		5687783.94		A	0.5
5	☐	1.000		5646469.57		A	0.4
6	☐	1.000		5506449.99		A	1.5
7	☐	1.000		5464125.06		A	0.5
8	☐	1.000		5415109.57		A	0.4
9	☐	1.000		5197897.39		A	0.8

45 Sc (ISTD) [No Gas]

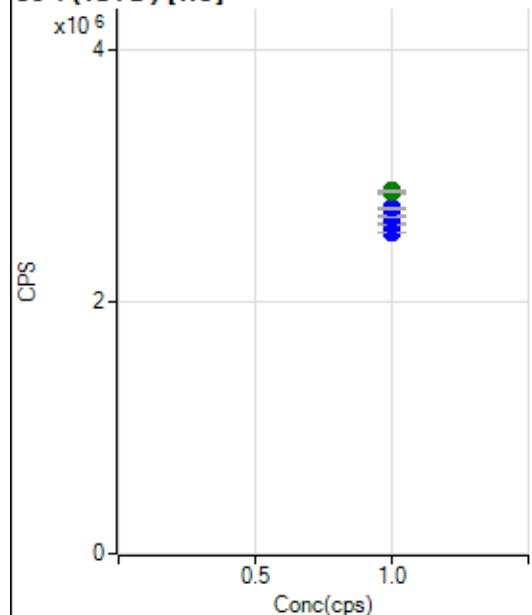
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10509840.77		A	0.1
2	☐	1.000					
3	☐	1.000		10726340.43		A	0.5
4	☐	1.000		10644192.86		A	0.2
5	☐	1.000		10835402.93		A	0.2
6	☐	1.000		10630952.58		A	0.8
7	☐	1.000		10909706.32		A	0.4
8	☐	1.000		11360305.63		A	0.7
9	☐	1.000		11177519.78		A	0.5

45 Sc (ISTD) [He]

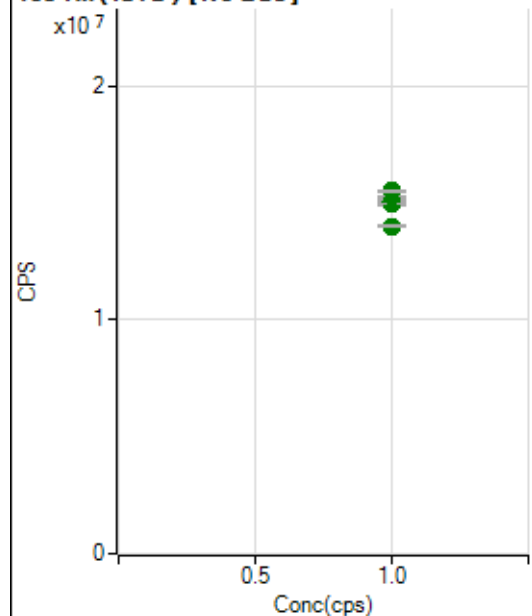
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		491094.04		P	0.5
2	☐	1.000					
3	☐	1.000		504857.30		P	0.3
4	☐	1.000		499318.50		P	0.8
5	☐	1.000		508371.28		P	0.7
6	☐	1.000		512059.18		P	0.7
7	☐	1.000		518817.00		P	0.6
8	☐	1.000		543570.23		P	0.8
9	☐	1.000		552705.11		P	0.1

89 Y (ISTD) [No Gas]

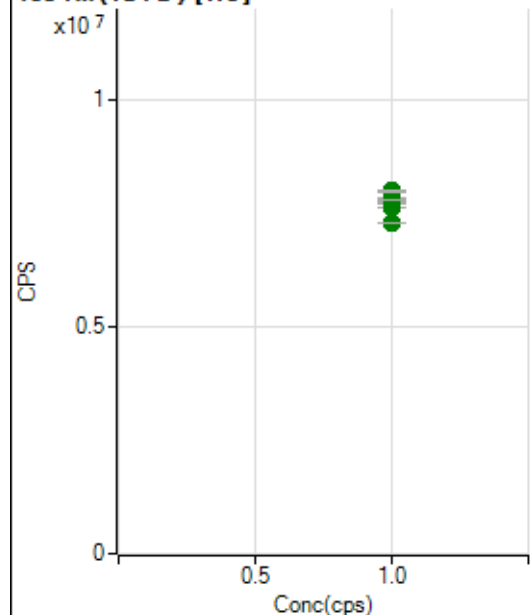
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		16358712.53		A	0.9
2	☐	1.000					
3	☐	1.000		16648560.72		A	0.5
4	☐	1.000		16566823.22		A	0.4
5	☐	1.000		16889799.33		A	0.5
6	☐	1.000		16965346.83		A	0.8
7	☐	1.000		17353067.66		A	0.3
8	☐	1.000		17974126.68		A	0.4
9	☐	1.000		17230497.80		A	0.2

89 Y (ISTD) [He]

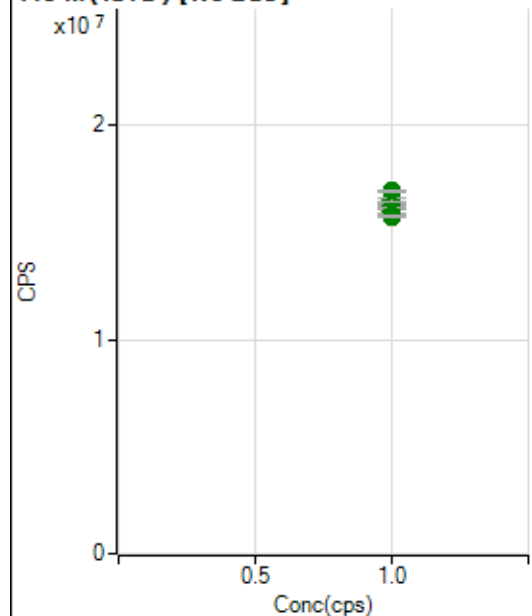
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2550810.40		P	0.4
2	☐	1.000					
3	☐	1.000		2625892.69		P	0.7
4	☐	1.000		2609834.70		P	0.3
5	☐	1.000		2679995.41		P	0.0
6	☐	1.000		2689063.57		P	0.6
7	☐	1.000		2748571.73		P	0.5
8	☐	1.000		2866610.55		A	0.1
9	☐	1.000		2883401.49		A	0.8

103 Rh (ISTD) [No Gas]

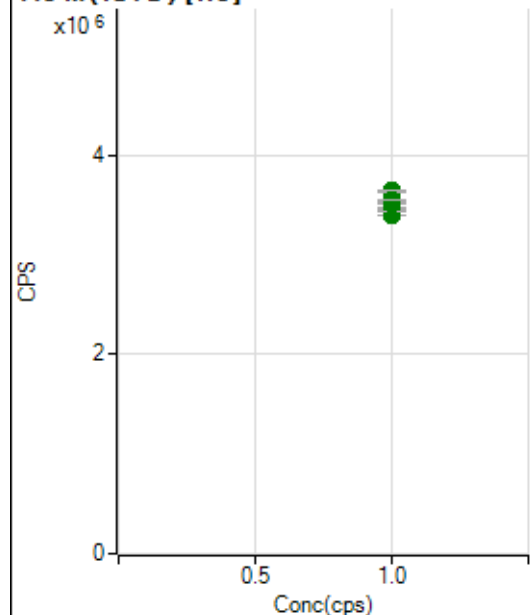
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14921204.67		A	0.7
2	☐	1.000					
3	☐	1.000		15225284.37		A	0.2
4	☐	1.000		15075847.39		A	0.4
5	☐	1.000		15300528.29		A	0.2
6	☐	1.000		15041461.10		A	1.2
7	☐	1.000		15301498.78		A	0.2
8	☐	1.000		15507968.75		A	0.5
9	☐	1.000		14009629.31		A	0.5

103 Rh (ISTD) [He]

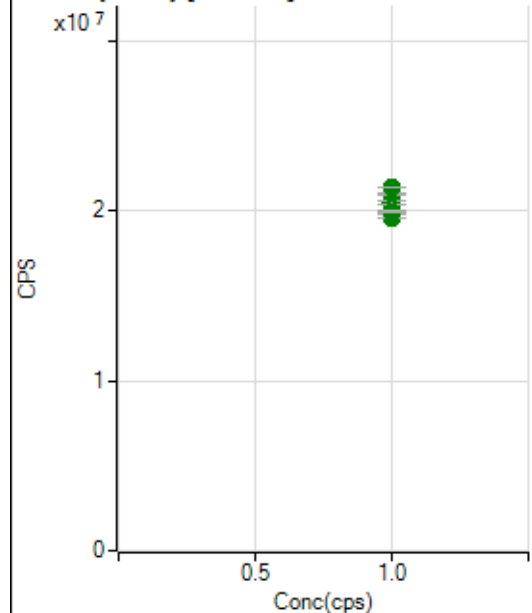
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7620444.47		A	0.3
2	☐	1.000					
3	☐	1.000		7790357.59		A	0.6
4	☐	1.000		7697895.51		A	0.3
5	☐	1.000		7810872.25		A	0.2
6	☐	1.000		7769916.27		A	0.3
7	☐	1.000		7798043.08		A	0.2
8	☐	1.000		7986750.65		A	0.3
9	☐	1.000		7277452.32		A	0.4

115 In (ISTD) [No Gas]

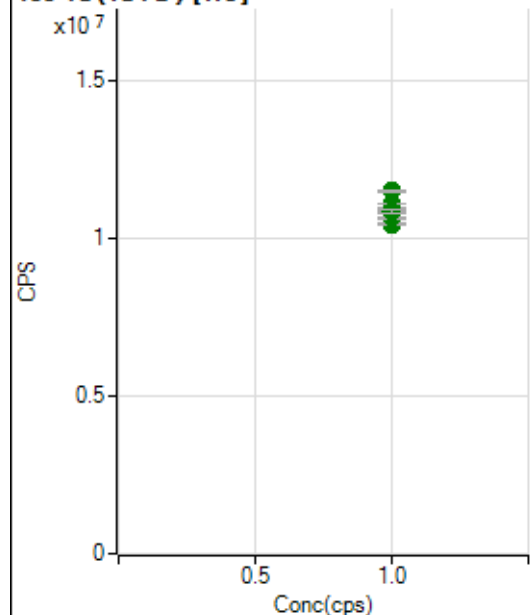
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15958515.52		A	0.9
2	☐	1.000					
3	☐	1.000		16178123.44		A	0.3
4	☐	1.000		16076039.17		A	0.4
5	☐	1.000		16438483.66		A	0.2
6	☐	1.000		16243616.54		A	1.1
7	☐	1.000		16511117.23		A	0.7
8	☐	1.000		16928299.47		A	0.7
9	☐	1.000		15742783.77		A	0.6

115 In (ISTD) [He]

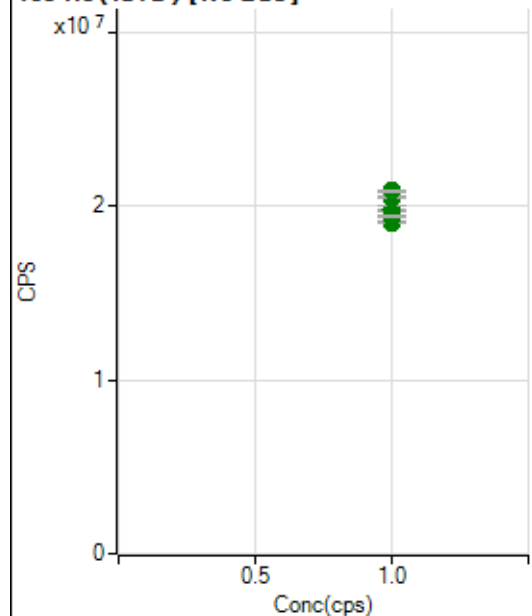
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3400810.63		A	0.1
2	☐	1.000					
3	☐	1.000		3452753.14		A	0.6
4	☐	1.000		3436057.59		A	0.1
5	☐	1.000		3523261.72		A	0.4
6	☐	1.000		3504575.22		A	0.2
7	☐	1.000		3528283.48		A	0.5
8	☐	1.000		3638800.96		A	0.6
9	☐	1.000		3547744.74		A	0.3

159 Tb (ISTD) [No Gas]

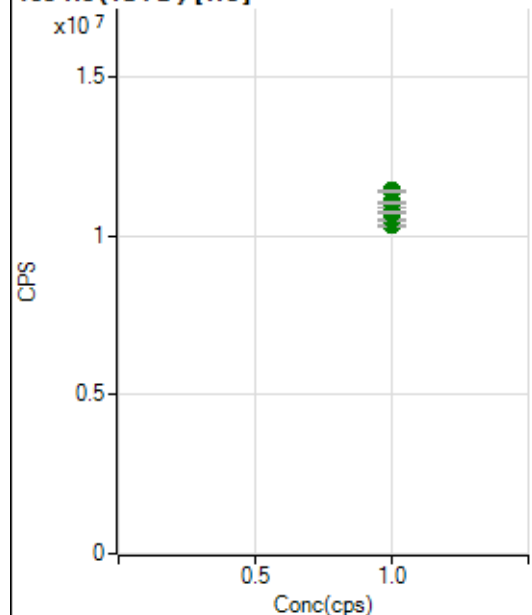
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		19610861.24		A	0.3
2	☐	1.000					
3	☐	1.000		20024554.84		A	0.7
4	☐	1.000		19903241.51		A	0.5
5	☐	1.000		20430376.50		A	0.2
6	☐	1.000		20459833.17		A	1.1
7	☐	1.000		21047757.33		A	0.4
8	☐	1.000		21378351.63		A	0.1
9	☐	1.000		19982168.73		A	0.6

159 Tb (ISTD) [He]

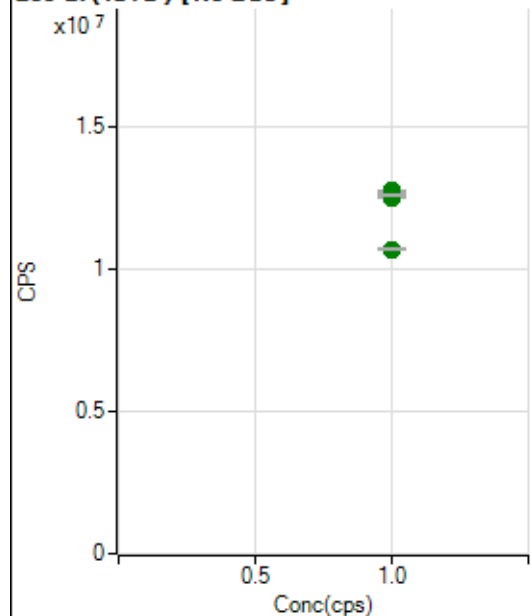
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10460116.02		A	0.4
2	☐	1.000					
3	☐	1.000		10687124.08		A	0.3
4	☐	1.000		10662297.06		A	0.9
5	☐	1.000		10922172.27		A	0.8
6	☐	1.000		10990558.72		A	0.2
7	☐	1.000		11117047.40		A	0.5
8	☐	1.000		11521427.60		A	0.3
9	☐	1.000		10863628.17		A	0.9

165 Ho (ISTD) [No Gas]

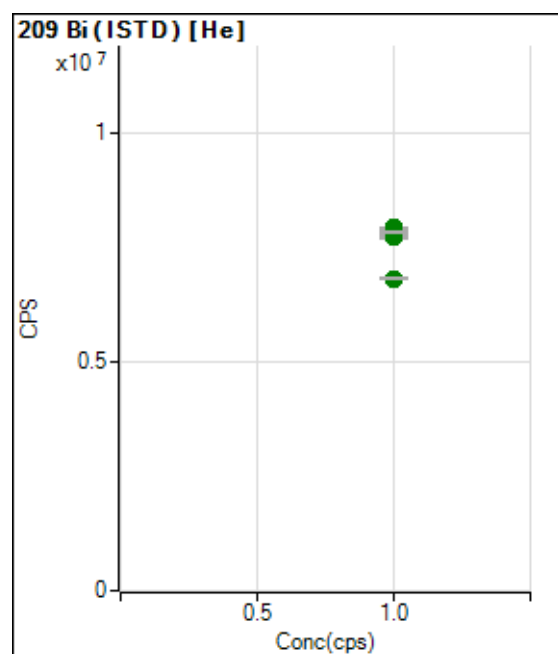
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		19035470.74		A	0.7
2	☐	1.000					
3	☐	1.000		19393499.04		A	0.6
4	☐	1.000		19432985.16		A	0.6
5	☐	1.000		19789991.94		A	0.3
6	☐	1.000		19827403.05		A	2.1
7	☐	1.000		20490925.28		A	0.4
8	☐	1.000		20854044.04		A	0.6
9	☐	1.000		19418268.83		A	0.7

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10324389.50		A	0.2
2	☐	1.000					
3	☐	1.000		10519378.66		A	0.2
4	☐	1.000		10526203.66		A	0.5
5	☐	1.000		10783194.28		A	0.0
6	☐	1.000		10898730.26		A	0.2
7	☐	1.000		11050611.78		A	0.2
8	☐	1.000		11422783.65		A	0.3
9	☐	1.000		10737180.12		A	0.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12514034.95		A	0.5
2	☐	1.000					
3	☐	1.000		12597412.73		A	0.8
4	☐	1.000		12565459.81		A	0.3
5	☐	1.000		12756081.06		A	0.3
6	☐	1.000		12585627.17		A	1.2
7	☐	1.000		12755445.92		A	0.3
8	☐	1.000		12619648.01		A	0.3
9	☐	1.000		10707852.27		A	0.7



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7710538.56		A	0.4
2	☐	1.000					
3	☐	1.000		7842833.08		A	0.4
4	☐	1.000		7781566.90		A	0.9
5	☐	1.000		7915053.84		A	0.7
6	☐	1.000		7879968.21		A	0.7
7	☐	1.000		7822042.94		A	0.9
8	☐	1.000		7838765.99		A	0.5
9	☐	1.000		6806695.11		A	0.7

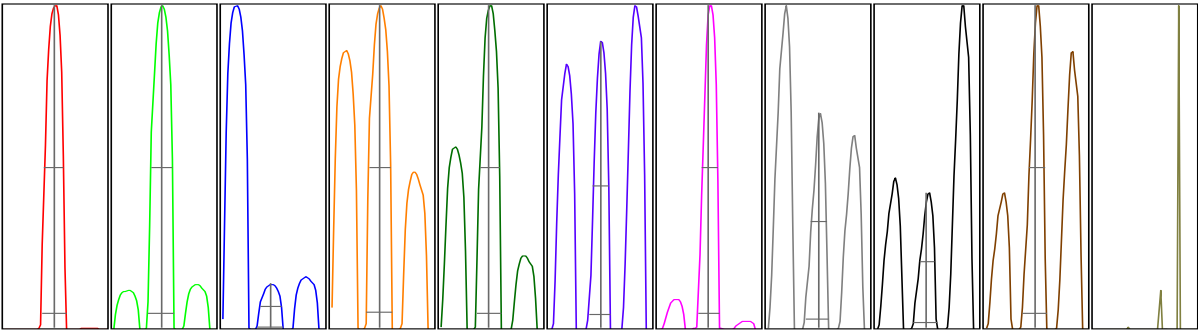
US EPA Tune Check Sample Report

Batch Folder D:\ICP-MS Data\P7081318MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]					
Mass	Count	RSD%	RSD%	RSD%	
	(Mean)	(Actual)	(Required)	(Flag)	
9	17353	0.38	5.00		
24	706962	0.31	5.00		
25	98670	0.43	5.00		
26	115280	0.31	5.00		
59	126495	0.50	5.00		
113	14523	0.84	5.00		
115	174948	1.07	5.00		
206	38785	0.62	5.00		
207	35266	0.79	5.00		
208	83254	0.44	5.00		
220	8	216.06			

Mass	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
	Count	Count	Count	Count	Count
9	17356	17277	17388	17440	17303
24	704336	708368	707598	709414	705094
25	97993	98801	98667	99167	98723
26	114864	115084	115523	115747	115179
59	126780	126313	126736	127155	125493
113	14614	14624	14475	14570	14332
115	177406	176291	174175	174094	172775
206	38462	38706	39000	39048	38706
207	35130	35673	35213	35377	34934
208	83156	82792	83302	83815	83202
220	0	40	0	0	0

Integration Time [sec] = 0.1



Mass	Peak	Axis	Axis	Axis	Width-X%	Width-X%	Width-
	Height	(Actual)	(Required)	(Flag)	(Actual)	(Required)	X%
9	32009	9.00	8.9 - 9.1		0.729	0.900	0.900
24	1198605	23.95	23.9 - 24.1		0.766	0.900	0.900
25	166892	24.95	24.9 - 25.1		0.762	0.900	0.900
26	193494	25.95	25.9 - 26.1		0.741	0.900	0.900
59	228605	58.95	58.9 - 59.1		0.734	0.900	0.900
113	32010	113.05	112.9 - 113.1		0.639	0.900	0.900
115	385379	115.00	114.9 - 115.1		0.636	0.900	0.900
206	89051	206.05	205.9 - 206.1		0.685	0.900	0.900
207	79819	207.00	206.9 - 207.1		0.663	0.900	0.900
208	190113	208.00	207.9 - 208.1		0.703	0.900	0.900
220	0	220.50	-		0.100		

X% = 5 Integration Time [sec] = 0.1 Acquisition Time [sec] = 268 Y Axis = Linear

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.80	L/min	S/C Temp		2 °C
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch		Dilution Gas
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rpm	Makeup/Dilution Gas		0.37 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	7.6	V	Deflect	14.0	V
Extract 2	-135.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-70	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination		5.0 V
He Flow	0.0	mL/min	OctP RF	190	V			

[He]

Mass	Count	RSD%	RSD%
	(Mean)	(Actual)	(Required)
59	32878	0.24	
89	54434	0.21	
205	35067	0.32	

Mass	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
	Count	Count	Count	Count	Count
59	32781	32917	32896	32977	32817
89	54284	54491	54487	54556	54354
205	34936	35198	35164	35051	34986

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.80	L/min	S/C Temp		2 °C
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch		Dilution Gas
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rpm	Makeup/Dilution Gas		0.37 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	7.6	V	Deflect	2.0	V
Extract 2	-110.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-55	V	Cell Exit	-60	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	Yes		OctP Bias	-18.0	V	Energy Discrimination		5.0 V
He Flow	4.1	mL/min	OctP RF	200	V			

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 15:03:35	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.25	0.00	0.25	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	N/A	ppb
Barium	135-1	0.00	-0.01	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.21	-0.17	-0.04	0.00	N/A	ppb
Boron	11-1	0.05	-0.01	-0.05	0.00	N/A	ppb
Cadmium	111-1	-0.07	0.07	0.00	0.00	N/A	ppb
Cadmium	106-1	-0.91	0.94	-0.03	0.00	N/A	ppb
Cadmium	108-1	-0.04	0.01	0.03	0.00	N/A	ppb
Calcium	43-1	-0.07	-0.91	0.98	0.00	N/A	ppb
Calcium	44-1	0.07	-0.25	0.18	0.00	N/A	ppb
Chromium	52-2	-0.02	0.02	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.00	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.04	0.01	0.03	0.00	N/A	ppb
Iron	57-2	-0.69	0.36	0.33	0.00	N/A	ppb
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.01	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.09	-0.14	0.23	0.00	N/A	ppb
Manganese	55-2	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 15:03:35	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.01	0.00	N/A	ppb
Molybdenum	96-1	0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.01	0.00	-0.01	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	0.00	0.00	0.00	N/A	ppb
Phosphorus	31-2	-5.33	0.68	2.37	-0.76		ppb
Potassium	39-2	-2.55	1.00	1.55	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.12	-0.29	0.17	0.00	N/A	ppb
Selenium	82-1	-0.37	0.15	0.21	0.00	N/A	ppb
Silicon	28-1	-0.03	0.21	-0.18	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.27	0.62	-0.35	0.00	N/A	ppb
Strontium	86-1	0.00	0.00	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	56.68	-26.99	-60.64	-10.32		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	-0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.02	0.05	-0.03	0.00	N/A	ppb
Titanium	47-1	-0.02	-0.01	0.03	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
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.14	0.03	0.11	0.00	N/A	ppb
Zirconium	90-1	-0.01	0.01	0.00	0.00	N/A	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 15:03:35	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 15:12:09	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.64	18.78	18.48	18.97	3.17	ppb
Antimony	121-1	1.97	1.97	1.93	1.95	1.14	ppb
Arsenic	75-2	1.01	0.99	0.99	1.00	1.08	ppb
Barium	135-1	9.61	10.00	9.76	9.79	2.04	ppb
Barium	137-1	9.75	9.69	9.76	9.73	0.39	ppb
Beryllium	9-1	0.97	1.00	1.03	1.00	3.35	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	22.16	23.81	23.79	23.25	4.06	ppb
Boron	11-1	23.35	23.22	24.83	23.80	3.74	ppb
Cadmium	111-1	0.85	1.12	0.91	0.96	14.76	ppb
Cadmium	106-1	0.08	2.37	-0.39	0.69	215.37	ppb
Cadmium	108-1	1.05	1.13	1.06	1.08	3.86	ppb
Calcium	43-1	481.01	486.19	474.61	480.60	1.21	ppb
Calcium	44-1	473.38	477.27	478.92	476.52	0.60	ppb
Chromium	52-2	2.14	2.14	2.07	2.12	1.88	ppb
Cobalt	59-2	1.03	1.00	1.06	1.03	2.75	ppb
Copper	63-2	2.06	2.09	2.04	2.06	1.08	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				101		%
Indium	115-2				102		%
Iron	56-2	53.94	54.45	53.84	54.08	0.61	ppb
Iron	57-2	55.31	53.13	55.60	54.68	2.47	ppb
Lead	206-1	0.98	0.98	0.92	0.96	3.39	ppb
Lead	207-1	1.00	0.97	0.91	0.96	4.92	ppb
Lead	208-1	0.99	0.98	0.96	0.98	2.01	ppb
Lithium	6-1				101		%
Magnesium	24-2	509.82	512.64	512.30	511.59	0.30	ppb
Manganese	55-2	0.99	0.91	1.01	0.97	5.51	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 15:12:09	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.93	5.06	5.14	5.04	2.11	ppb
Molybdenum	95-1	4.90	4.89	4.96	4.92	0.76	ppb
Molybdenum	96-1	4.87	4.88	4.89	4.88	0.23	ppb
Molybdenum	97-1	4.98	4.90	4.90	4.93	0.84	ppb
Molybdenum	98-1	4.98	4.82	4.97	4.92	1.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.20	1.15	1.12	1.16	3.78	ppb
Phosphorus	31-2	7.76	-1.48	-4.00	0.76	815.61	ppb
Potassium	39-2	480.54	495.19	487.50	487.74	1.50	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	77-2	8.80	5.71	6.24	6.92	23.87	ppb
Selenium	78-2	6.16	5.89	5.69	5.91	4.00	ppb
Selenium	82-1	5.85	4.91	5.06	5.27	9.62	ppb
Silicon	28-1	14.07	14.58	14.42	14.36	1.83	ppb
Silver	109-1	1.07	1.05	1.06	1.06	0.71	ppb
Silver	107-1	1.04	0.99	1.07	1.03	3.55	ppb
Sodium	23-2	518.40	525.57	521.74	521.90	0.69	ppb
Strontium	86-1	1.03	1.03	1.07	1.04	1.94	ppb
Strontium	88-1	1.02	1.03	1.02	1.02	0.21	ppb
Sulfur	34-1	-3.17	21.68	12.43	10.32	121.78	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.96	1.00	1.02	0.99	3.17	ppb
Thallium	205-1	0.99	0.96	0.95	0.97	2.26	ppb
Tin	118-1	4.85	4.80	4.88	4.84	0.80	ppb
Titanium	47-1	4.65	4.81	4.80	4.75	1.93	ppb
Uranium	238-1	0.94	0.93	0.94	0.94	0.67	ppb
Vanadium	51-2	4.75	4.79	4.90	4.81	1.61	ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	1.21	1.10	1.06	1.12	6.45	ppb
Zirconium	90-1	0.99	1.02	1.01	1.01	1.45	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 15:12:09	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.96	0.95	1.00	0.97	3.07	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 15:16:02	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1044.49	1041.62	1026.94	1037.68	0.91	ppb
Antimony	121-1	51.47	50.94	50.84	51.08	0.66	ppb
Arsenic	75-2	52.35	51.81	51.15	51.77	1.16	ppb
Barium	135-1	259.19	256.78	254.08	256.69	1.00	ppb
Barium	137-1	256.99	257.50	255.66	256.71	0.37	ppb
Beryllium	9-1	51.40	51.64	51.56	51.53	0.24	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	50.28	48.61	52.21	50.37	3.58	ppb
Boron	11-1	49.65	50.26	50.52	50.14	0.89	ppb
Cadmium	111-1	54.37	54.33	53.54	54.08	0.87	ppb
Cadmium	106-1	55.12	53.80	53.65	54.19	1.50	ppb
Cadmium	108-1	54.02	52.91	53.24	53.39	1.06	ppb
Calcium	43-1	5135.67	5107.06	5043.04	5095.26	0.93	ppb
Calcium	44-1	5048.48	5048.48	5028.45	5041.80	0.23	ppb
Chromium	52-2	51.39	51.55	50.90	51.28	0.67	ppb
Cobalt	59-2	52.46	52.07	51.50	52.01	0.93	ppb
Copper	63-2	105.68	107.53	104.31	105.84	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				102		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	2704.54	2710.68	2675.39	2696.87	0.70	ppb
Iron	57-2	2709.87	2756.74	2693.10	2719.90	1.21	ppb
Lead	206-1	50.54	49.66	50.72	50.31	1.13	ppb
Lead	207-1	50.89	50.08	50.40	50.46	0.80	ppb
Lead	208-1	50.52	50.20	50.25	50.33	0.33	ppb
Lithium	6-1				101		%
Magnesium	24-2	5496.42	5508.73	5405.81	5470.32	1.03	ppb
Manganese	55-2	103.26	102.05	101.52	102.27	0.87	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 15:16:02	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	254.39	256.25	257.37	256.00	0.59	ppb
Molybdenum	95-1	254.94	256.20	256.07	255.74	0.27	ppb
Molybdenum	96-1	255.30	256.57	254.22	255.36	0.46	ppb
Molybdenum	97-1	253.80	255.98	254.26	254.68	0.45	ppb
Molybdenum	98-1	253.23	256.21	255.27	254.90	0.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.74	54.37	53.85	53.99	0.62	ppb
Phosphorus	31-2	1015.24	1067.73	1029.27	1037.41	2.62	ppb
Potassium	39-2	2556.28	2569.22	2531.98	2552.49	0.74	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	77-2	51.16	53.85	51.45	52.15	2.83	ppb
Selenium	78-2	54.88	51.72	52.87	53.16	3.01	ppb
Selenium	82-1	54.25	53.58	54.31	54.05	0.75	ppb
Silicon	28-1	60.44	61.20	62.82	61.49	1.98	ppb
Silver	109-1	54.15	53.70	53.05	53.63	1.03	ppb
Silver	107-1	53.67	53.61	53.49	53.59	0.17	ppb
Sodium	23-2	5478.88	5473.43	5361.74	5438.02	1.22	ppb
Strontium	86-1	50.80	51.87	52.01	51.56	1.28	ppb
Strontium	88-1	50.49	51.16	50.91	50.85	0.67	ppb
Sulfur	34-1	1167.62	1152.70	1117.90	1146.07	2.23	ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	49.80	50.00	49.57	49.79	0.43	ppb
Thallium	205-1	50.15	49.66	49.76	49.85	0.52	ppb
Tin	118-1	51.02	51.21	51.41	51.21	0.39	ppb
Titanium	47-1	253.88	253.21	253.90	253.66	0.15	ppb
Uranium	238-1	49.49	48.73	49.16	49.13	0.78	ppb
Vanadium	51-2	50.46	50.16	49.16	49.93	1.36	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	108.83	107.93	105.52	107.43	1.59	ppb
Zirconium	90-1	50.64	50.76	50.54	50.64	0.22	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 15:16:02	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	50.85	50.16	50.34	50.45	0.71	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 15:20:13	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2596.20	2587.91	2578.90	2587.67	0.33	ppb
Antimony	121-1	125.41	127.01	126.06	126.16	0.64	ppb
Arsenic	75-2	128.14	126.96	128.80	127.97	0.73	ppb
Barium	135-1	627.81	633.68	633.29	631.60	0.52	ppb
Barium	137-1	624.79	629.10	619.59	624.49	0.76	ppb
Beryllium	9-1	129.52	128.46	129.10	129.03	0.42	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	10-1	122.53	125.48	130.56	126.19	3.22	ppb
Boron	11-1	124.65	125.74	126.65	125.68	0.80	ppb
Cadmium	111-1	131.06	132.41	132.10	131.85	0.53	ppb
Cadmium	106-1	132.42	134.19	130.84	132.48	1.26	ppb
Cadmium	108-1	128.35	132.43	135.09	131.95	2.57	ppb
Calcium	43-1	12533.53	12610.90	12583.98	12576.14	0.31	ppb
Calcium	44-1	12567.01	12525.10	12495.99	12529.37	0.28	ppb
Chromium	52-2	129.16	128.49	128.37	128.67	0.33	ppb
Cobalt	59-2	129.49	129.23	129.18	129.30	0.13	ppb
Copper	63-2	262.93	262.46	262.51	262.63	0.10	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				104		%
Iron	56-2	6749.51	6785.99	6756.04	6763.85	0.29	ppb
Iron	57-2	6782.26	6817.22	6765.75	6788.41	0.39	ppb
Lead	206-1	124.90	125.28	124.23	124.80	0.42	ppb
Lead	207-1	124.24	124.98	125.09	124.77	0.37	ppb
Lead	208-1	123.96	124.58	124.72	124.42	0.32	ppb
Lithium	6-1				100		%
Magnesium	24-2	13520.57	13404.86	13529.51	13484.98	0.52	ppb
Manganese	55-2	255.77	255.19	256.14	255.70	0.19	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 15:20:13	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	623.63	634.32	635.43	631.13	1.03	ppb
Molybdenum	95-1	626.14	631.68	636.19	631.34	0.80	ppb
Molybdenum	96-1	628.81	628.72	635.30	630.94	0.60	ppb
Molybdenum	97-1	629.13	626.64	635.78	630.52	0.75	ppb
Molybdenum	98-1	629.13	622.68	637.10	629.64	1.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	134.31	134.20	133.74	134.09	0.23	ppb
Phosphorus	31-2	2609.46	2575.29	2639.80	2608.18	1.24	ppb
Potassium	39-2	6336.23	6381.70	6334.93	6350.95	0.42	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	77-2	128.63	122.91	131.80	127.78	3.52	ppb
Selenium	78-2	135.16	128.53	132.02	131.90	2.52	ppb
Selenium	82-1	131.80	132.29	135.31	133.13	1.43	ppb
Silicon	28-1	149.55	153.03	152.34	151.64	1.21	ppb
Silver	109-1	129.10	130.51	129.98	129.86	0.55	ppb
Silver	107-1	131.11	130.83	130.72	130.89	0.15	ppb
Sodium	23-2	13438.37	13428.23	13447.13	13437.91	0.07	ppb
Strontium	86-1	127.10	125.97	128.66	127.24	1.06	ppb
Strontium	88-1	125.48	126.00	126.12	125.87	0.27	ppb
Sulfur	34-1	2649.80	2584.83	2617.12	2617.25	1.24	ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	122.45	126.12	123.84	124.14	1.49	ppb
Thallium	205-1	122.99	124.85	123.90	123.91	0.75	ppb
Tin	118-1	126.15	127.80	127.51	127.15	0.69	ppb
Titanium	47-1	622.95	629.47	632.01	628.14	0.74	ppb
Uranium	238-1	121.19	122.74	122.50	122.14	0.68	ppb
Vanadium	51-2	126.49	126.15	125.85	126.16	0.25	ppb
Yttrium	89-1				103		%
Yttrium	89-2				105		%
Zinc	66-2	269.57	273.29	270.16	271.01	0.74	ppb
Zirconium	90-1	125.46	125.98	125.62	125.69	0.21	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 15:20:13	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	126.02	126.87	127.39	126.76	0.55	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 15:23:59	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5097.59	5121.00	5063.65	5094.08	0.57	ppb
Antimony	121-1	250.51	246.07	247.62	248.07	0.91	ppb
Arsenic	75-2	256.38	254.32	254.98	255.23	0.41	ppb
Barium	135-1	1246.42	1231.32	1237.14	1238.30	0.62	ppb
Barium	137-1	1250.90	1243.12	1243.98	1246.00	0.34	ppb
Beryllium	9-1	251.34	251.34	251.89	251.52	0.13	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	247.40	248.23	255.04	250.22	1.67	ppb
Boron	11-1	244.12	245.43	251.39	246.98	1.57	ppb
Cadmium	111-1	257.86	256.75	256.65	257.09	0.26	ppb
Cadmium	106-1	253.05	259.46	255.55	256.02	1.26	ppb
Cadmium	108-1	257.58	255.61	259.93	257.71	0.84	ppb
Calcium	43-1	24950.24	25037.63	24874.08	24953.99	0.33	ppb
Calcium	44-1	25158.22	24947.63	24898.45	25001.43	0.55	ppb
Chromium	52-2	253.00	253.20	253.36	253.19	0.07	ppb
Cobalt	59-2	255.78	255.18	254.35	255.10	0.28	ppb
Copper	63-2	516.83	515.70	512.07	514.87	0.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	13447.87	13422.25	13342.29	13404.14	0.41	ppb
Iron	57-2	13468.28	13415.80	13386.03	13423.37	0.31	ppb
Lead	206-1	246.30	247.00	246.50	246.60	0.15	ppb
Lead	207-1	249.42	247.56	249.95	248.98	0.51	ppb
Lead	208-1	248.91	249.23	248.87	249.00	0.08	ppb
Lithium	6-1				97		%
Magnesium	24-2	26614.87	26452.75	26341.80	26469.80	0.52	ppb
Manganese	55-2	507.36	503.39	503.65	504.80	0.44	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 15:23:59	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1259.73	1244.75	1250.45	1251.64	0.60	ppb
Molybdenum	95-1	1264.37	1242.28	1251.65	1252.77	0.89	ppb
Molybdenum	96-1	1257.72	1250.49	1244.63	1250.95	0.52	ppb
Molybdenum	97-1	1249.05	1245.69	1242.80	1245.85	0.25	ppb
Molybdenum	98-1	1244.54	1246.46	1240.16	1243.72	0.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	261.64	261.50	263.12	262.09	0.34	ppb
Phosphorus	31-2	5164.15	5004.32	5090.15	5086.20	1.57	ppb
Potassium	39-2	12538.07	12550.20	12474.89	12521.05	0.32	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				104		%
Selenium	77-2	268.10	262.17	268.74	266.34	1.36	ppb
Selenium	78-2	256.61	261.86	259.63	259.37	1.02	ppb
Selenium	82-1	261.53	256.57	260.87	259.66	1.04	ppb
Silicon	28-1	265.49	265.43	266.95	265.96	0.32	ppb
Silver	109-1	255.26	255.03	252.94	254.41	0.50	ppb
Silver	107-1	255.71	253.12	254.64	254.49	0.51	ppb
Sodium	23-2	26574.60	26368.47	26389.37	26444.15	0.43	ppb
Strontium	86-1	251.73	249.39	257.01	252.71	1.54	ppb
Strontium	88-1	251.30	249.33	251.50	250.71	0.48	ppb
Sulfur	34-1	5170.71	5105.77	5008.87	5095.12	1.60	ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	243.82	247.40	245.57	245.60	0.73	ppb
Thallium	205-1	247.59	250.22	247.79	248.53	0.59	ppb
Tin	118-1	249.63	246.27	247.01	247.64	0.71	ppb
Titanium	47-1	1257.92	1255.55	1251.04	1254.84	0.28	ppb
Uranium	238-1	247.34	245.33	245.65	246.11	0.44	ppb
Vanadium	51-2	250.86	250.95	249.22	250.34	0.39	ppb
Yttrium	89-1				104		%
Yttrium	89-2				105		%
Zinc	66-2	531.51	526.58	530.07	529.38	0.48	ppb
Zirconium	90-1	250.87	249.79	250.32	250.33	0.22	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 15:23:59	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	250.11	247.85	250.68	249.55	0.60	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 15:27:44	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10136.68	10100.90	10024.18	10087.26	0.57	ppb
Antimony	121-1	497.02	495.80	497.15	496.66	0.15	ppb
Arsenic	75-2	505.03	497.95	502.85	501.94	0.72	ppb
Barium	135-1	2479.25	2486.87	2470.14	2478.75	0.34	ppb
Barium	137-1	2468.41	2495.15	2473.25	2478.94	0.57	ppb
Beryllium	9-1	494.14	500.12	495.15	496.47	0.64	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	490.05	504.74	503.66	499.48	1.64	ppb
Boron	11-1	486.58	503.36	508.41	499.45	2.29	ppb
Cadmium	111-1	499.57	509.20	501.59	503.45	1.01	ppb
Cadmium	106-1	510.30	511.73	513.58	511.87	0.32	ppb
Cadmium	108-1	505.53	495.44	506.77	502.58	1.24	ppb
Calcium	43-1	49465.28	49506.03	49460.19	49477.17	0.05	ppb
Calcium	44-1	49859.17	49695.08	49697.60	49750.61	0.19	ppb
Chromium	52-2	503.38	498.44	499.26	500.36	0.53	ppb
Cobalt	59-2	508.18	504.38	498.12	503.56	1.01	ppb
Copper	63-2	1023.11	1017.92	1014.80	1018.61	0.41	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				107		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	56-2	26702.84	26497.87	26508.88	26569.86	0.43	ppb
Iron	57-2	26704.99	26599.62	26565.70	26623.44	0.27	ppb
Lead	206-1	499.94	498.61	500.86	499.80	0.23	ppb
Lead	207-1	501.94	499.15	501.69	500.93	0.31	ppb
Lead	208-1	500.39	498.99	501.27	500.21	0.23	ppb
Lithium	6-1				97		%
Magnesium	24-2	52314.76	51889.65	51776.19	51993.53	0.55	ppb
Manganese	55-2	1004.74	996.48	1000.42	1000.55	0.41	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 15:27:44	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2511.79	2500.14	2509.49	2507.14	0.25	ppb
Molybdenum	95-1	2522.77	2515.69	2507.78	2515.41	0.30	ppb
Molybdenum	96-1	2510.75	2513.91	2518.28	2514.31	0.15	ppb
Molybdenum	97-1	2511.17	2493.11	2523.24	2509.17	0.60	ppb
Molybdenum	98-1	2517.84	2498.04	2520.67	2512.19	0.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	516.61	515.26	510.56	514.14	0.62	ppb
Phosphorus	31-2	10316.20	10234.78	10019.70	10190.23	1.50	ppb
Potassium	39-2	25006.89	24919.90	24815.36	24914.05	0.38	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				106		%
Selenium	77-2	492.88	512.73	513.83	506.48	2.33	ppb
Selenium	78-2	506.65	504.57	503.89	505.04	0.29	ppb
Selenium	82-1	510.34	510.25	510.15	510.25	0.02	ppb
Silicon	28-1	530.35	535.59	534.77	533.57	0.53	ppb
Silver	109-1	501.66	504.54	502.91	503.04	0.29	ppb
Silver	107-1	505.97	499.45	500.83	502.09	0.68	ppb
Sodium	23-2	52506.28	52013.85	51782.95	52101.03	0.71	ppb
Strontium	86-1	496.80	497.91	498.15	497.62	0.15	ppb
Strontium	88-1	501.00	498.60	499.00	499.53	0.26	ppb
Sulfur	34-1	9827.76	9746.48	9653.07	9742.44	0.90	ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	497.42	497.19	499.77	498.13	0.29	ppb
Thallium	205-1	497.27	494.25	500.13	497.22	0.59	ppb
Tin	118-1	499.89	497.75	495.23	497.62	0.47	ppb
Titanium	47-1	2504.53	2516.95	2513.56	2511.68	0.26	ppb
Uranium	238-1	497.90	497.87	494.32	496.70	0.41	ppb
Vanadium	51-2	498.72	499.01	499.02	498.91	0.03	ppb
Yttrium	89-1				106		%
Yttrium	89-2				108		%
Zinc	66-2	1038.96	1030.38	1026.20	1031.85	0.63	ppb
Zirconium	90-1	501.45	501.89	501.74	501.69	0.04	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 15:27:44	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	494.46	495.91	499.19	496.52	0.49	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 15:31:28	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19879.20	19863.94	19873.69	19872.28	0.04	ppb
Antimony	121-1	995.92	1001.61	1008.34	1001.96	0.62	ppb
Arsenic	75-2	994.17	1000.32	997.30	997.26	0.31	ppb
Barium	135-1	4991.14	5006.97	5039.06	5012.39	0.49	ppb
Barium	137-1	4981.45	5026.31	5026.02	5011.26	0.52	ppb
Beryllium	9-1	1000.03	1003.56	998.83	1000.80	0.25	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	984.71	1004.82	1010.70	1000.08	1.36	ppb
Boron	11-1	981.66	999.78	1021.46	1000.97	1.99	ppb
Cadmium	111-1	992.06	998.16	996.10	995.44	0.31	ppb
Cadmium	106-1	988.20	983.87	1002.18	991.41	0.97	ppb
Cadmium	108-1	993.93	1001.85	991.45	995.74	0.55	ppb
Calcium	43-1	99270.31	98656.49	99696.44	99207.75	0.53	ppb
Calcium	44-1	99031.65	98068.52	99214.23	98771.47	0.62	ppb
Chromium	52-2	999.70	997.16	998.64	998.50	0.13	ppb
Cobalt	59-2	1000.01	993.76	995.14	996.31	0.33	ppb
Copper	63-2	1993.16	1979.03	1983.13	1985.11	0.37	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				110		%
Holmium	165-2				111		%
Indium	115-1				106		%
Indium	115-2				107		%
Iron	56-2	52913.85	53098.07	52672.39	52894.77	0.40	ppb
Iron	57-2	53171.25	53026.20	52435.24	52877.56	0.74	ppb
Lead	206-1	996.42	1003.73	1002.73	1000.96	0.40	ppb
Lead	207-1	992.25	999.96	1007.19	999.80	0.75	ppb
Lead	208-1	993.47	1003.37	1003.76	1000.20	0.58	ppb
Lithium	6-1				96		%
Magnesium	24-2	103135.00	103066.36	102041.05	102747.47	0.60	ppb
Manganese	55-2	2004.64	1998.46	1990.00	1997.70	0.37	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 15:31:28	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4989.98	5000.16	4994.72	4994.95	0.10	ppb
Molybdenum	95-1	4977.60	5004.25	4989.72	4990.52	0.27	ppb
Molybdenum	96-1	4976.34	5019.48	4978.97	4991.60	0.48	ppb
Molybdenum	97-1	4985.08	5033.13	4968.38	4995.53	0.67	ppb
Molybdenum	98-1	4989.61	5031.89	4962.46	4994.65	0.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	990.59	985.47	989.66	988.57	0.28	ppb
Phosphorus	31-2	19770.73	19951.63	19881.46	19867.94	0.46	ppb
Potassium	39-2	49836.84	49797.65	49683.35	49772.61	0.16	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				108		%
Scandium	45-2				111		%
Selenium	77-2	975.29	978.76	1022.57	992.21	2.66	ppb
Selenium	78-2	983.99	1004.74	993.61	994.11	1.04	ppb
Selenium	82-1	988.89	999.24	985.60	991.24	0.72	ppb
Silicon	28-1	968.08	971.66	986.09	975.28	0.98	ppb
Silver	109-1	991.63	997.91	1000.23	996.59	0.45	ppb
Silver	107-1	994.25	995.81	1000.70	996.92	0.34	ppb
Sodium	23-2	103018.57	102237.67	101893.68	102383.31	0.56	ppb
Strontium	86-1	1003.27	1000.04	997.15	1000.15	0.31	ppb
Strontium	88-1	995.05	1005.34	999.33	999.90	0.52	ppb
Sulfur	34-1	20093.73	19983.68	20171.72	20083.04	0.47	ppb
Terbium	159-1				109		%
Terbium	159-2				110		%
Thallium	203-1	1001.19	1004.47	1000.80	1002.16	0.20	ppb
Thallium	205-1	999.59	1002.24	1003.88	1001.90	0.22	ppb
Tin	118-1	997.89	998.58	1007.87	1001.45	0.56	ppb
Titanium	47-1	5010.83	4955.36	5010.94	4992.38	0.64	ppb
Uranium	238-1	1000.17	1003.44	1005.46	1003.02	0.27	ppb
Vanadium	51-2	1002.76	996.70	1001.49	1000.32	0.32	ppb
Yttrium	89-1				110		%
Yttrium	89-2				112		%
Zinc	66-2	1980.15	1971.90	1969.16	1973.74	0.29	ppb
Zirconium	90-1	1000.77	997.69	998.40	998.95	0.16	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 15:31:28	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1000.79	1004.81	999.22	1001.61	0.29	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 15:35:17	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99709.75	99537.39	100781.50	100009.55	0.67	ppb
Antimony	121-1	1.67	1.63	1.66	1.65	1.22	ppb
Arsenic	75-2	1.54	1.47	1.51	1.51	2.08	ppb
Barium	135-1	1.38	1.19	1.18	1.25	9.27	ppb
Barium	137-1	1.39	1.20	1.08	1.22	12.73	ppb
Beryllium	9-1	0.22	0.16	0.17	0.18	17.96	ppb
Bismuth	209-1				86		%
Bismuth	209-2				88		%
Boron	10-1	32.55	28.28	27.12	29.32	9.75	ppb
Boron	11-1	33.06	30.12	26.73	29.97	10.59	ppb
Cadmium	111-1	0.26	0.38	0.29	0.31	20.85	ppb
Cadmium	106-1	-0.49	1.21	0.21	0.31	273.68	ppb
Cadmium	108-1	0.33	0.29	0.32	0.31	5.96	ppb
Calcium	43-1	501696.28	500929.30	498005.02	500210.20	0.39	ppb
Calcium	44-1	499019.90	503206.27	498582.16	500269.44	0.51	ppb
Chromium	52-2	38.08	37.45	37.37	37.63	1.03	ppb
Cobalt	59-2	11.49	11.49	11.60	11.53	0.58	ppb
Copper	63-2	4.26	4.36	4.31	4.31	1.16	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				104		%
Indium	115-1				99		%
Indium	115-2				104		%
Iron	56-2	249127.36	248358.56	250126.19	249204.04	0.36	ppb
Iron	57-2	249602.27	249089.75	248908.92	249200.31	0.14	ppb
Lead	206-1	6.68	6.70	6.74	6.71	0.41	ppb
Lead	207-1	6.33	6.17	6.15	6.22	1.53	ppb
Lead	208-1	6.52	6.47	6.49	6.49	0.33	ppb
Lithium	6-1				92		%
Magnesium	24-2	497147.49	498924.82	501372.66	499148.32	0.43	ppb
Manganese	55-2	9.86	9.75	9.92	9.84	0.88	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 15:35:17	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	7.12	6.71	6.59	6.81	4.10	ppb
Molybdenum	95-1	9.46	9.03	9.03	9.17	2.70	ppb
Molybdenum	96-1	10.39	9.96	9.62	9.99	3.84	ppb
Molybdenum	97-1	9.20	8.89	8.75	8.94	2.56	ppb
Molybdenum	98-1	9.19	8.62	8.42	8.74	4.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	30.73	30.73	30.98	30.81	0.47	ppb
Phosphorus	31-2	-4.08	-11.68	-3.92	-6.56		ppb
Potassium	39-2	249416.43	249724.30	251009.25	250050.00	0.34	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				106		%
Scandium	45-2				113		%
Selenium	77-2	0.75	1.00	0.49	0.75	33.71	ppb
Selenium	78-2	0.81	0.97	0.69	0.82	16.86	ppb
Selenium	82-1	1.34	1.64	1.32	1.43	12.40	ppb
Silicon	28-1	150.73	158.00	157.40	155.37	2.60	ppb
Silver	109-1	0.18	0.15	0.14	0.16	13.13	ppb
Silver	107-1	0.19	0.17	0.15	0.17	11.32	ppb
Sodium	23-2	497829.69	499767.47	500042.38	499213.18	0.24	ppb
Strontium	86-1	5.03	5.08	4.91	5.01	1.74	ppb
Strontium	88-1	5.12	4.97	4.99	5.03	1.60	ppb
Sulfur	34-1	-1781.63	-1709.75	-1655.07	-1715.49		ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	0.67	0.67	0.58	0.64	7.86	ppb
Thallium	205-1	0.72	0.63	0.61	0.65	8.61	ppb
Tin	118-1	4.56	4.56	4.50	4.54	0.77	ppb
Titanium	47-1	2.87	2.73	2.54	2.71	6.14	ppb
Uranium	238-1	0.20	0.14	0.13	0.16	24.27	ppb
Vanadium	51-2	0.43	0.41	0.40	0.42	3.54	ppb
Yttrium	89-1				105		%
Yttrium	89-2				113		%
Zinc	66-2	11.35	12.03	11.80	11.73	2.98	ppb
Zirconium	90-1	0.26	0.21	0.19	0.22	16.53	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 15:35:17	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.29	0.20	0.23	0.24	18.73	ppb

LB Number : LB97278 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-13 15:43:17 DataFile Name : 012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	533.35	538.39	534.87	535.54	0.48	ppb
Antimony	121-1	204.95	202.84	203.22	203.67	0.55	ppb
Arsenic	75-2	208.59	206.29	207.80	207.56	0.56	ppb
Barium	135-1	106.36	104.93	106.74	106.01	0.90	ppb
Barium	137-1	106.95	106.30	105.79	106.35	0.55	ppb
Beryllium	9-1	105.04	103.58	106.08	104.90	1.20	ppb
Bismuth	209-1				104		%
Bismuth	209-2				111		%
Boron	10-1	523.08	531.57	553.92	536.19	2.97	ppb
Boron	11-1	522.46	527.13	542.64	530.74	1.99	ppb
Cadmium	111-1	113.86	112.70	110.77	112.44	1.39	ppb
Cadmium	106-1	185.06	183.17	176.48	181.57	2.48	ppb
Cadmium	108-1	152.69	147.36	149.05	149.70	1.82	ppb
Calcium	43-1	2331.11	2357.94	2314.35	2334.47	0.94	ppb
Calcium	44-1	2217.94	2185.40	2198.39	2200.58	0.74	ppb
Chromium	52-2	100.30	99.29	98.69	99.43	0.82	ppb
Cobalt	59-2	103.46	102.69	102.00	102.72	0.71	ppb
Copper	63-2	105.29	105.12	103.83	104.75	0.76	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				109		%
Holmium	165-2				116		%
Indium	115-1				110		%
Indium	115-2				117		%
Iron	56-2	1100.63	1096.45	1081.16	1092.75	0.94	ppb
Iron	57-2	1104.64	1097.75	1071.68	1091.36	1.59	ppb
Lead	206-1	206.68	204.45	203.70	204.94	0.76	ppb
Lead	207-1	199.50	194.80	195.02	196.44	1.35	ppb
Lead	208-1	203.89	200.21	199.35	201.15	1.20	ppb
Lithium	6-1				99		%
Magnesium	24-2	1225.62	1218.77	1204.70	1216.36	0.88	ppb
Manganese	55-2	101.05	100.85	100.07	100.66	0.52	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 15:43:17	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1137.84	1111.90	1114.45	1121.40	1.27	ppb
Molybdenum	95-1	551.78	543.45	543.49	546.24	0.88	ppb
Molybdenum	96-1	629.26	612.41	612.23	617.97	1.58	ppb
Molybdenum	97-1	547.00	530.83	538.92	538.92	1.50	ppb
Molybdenum	98-1	553.06	536.99	537.96	542.67	1.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	107.25	106.06	105.04	106.12	1.04	ppb
Phosphorus	31-2	-7.93	-15.60	-18.07	-13.87		ppb
Potassium	39-2	2060.89	2056.88	2040.47	2052.75	0.53	ppb
Rhodium	103-1				110		%
Rhodium	103-2				115		%
Scandium	45-1				112		%
Scandium	45-2				119		%
Selenium	77-2	215.73	211.35	218.19	215.09	1.61	ppb
Selenium	78-2	223.33	217.77	218.34	219.81	1.39	ppb
Selenium	82-1	219.22	213.72	214.91	215.95	1.34	ppb
Silicon	28-1	3.20	2.90	3.35	3.15	7.29	ppb
Silver	109-1	98.60	98.58	97.96	98.38	0.37	ppb
Silver	107-1	99.04	97.84	98.30	98.40	0.62	ppb
Sodium	23-2	2056.78	2056.75	2036.54	2050.02	0.57	ppb
Strontium	86-1	497.92	485.85	489.21	491.00	1.27	ppb
Strontium	88-1	500.11	490.29	490.07	493.49	1.16	ppb
Sulfur	34-1	-1529.30	-1643.61	-1591.28	-1588.06		ppb
Terbium	159-1				109		%
Terbium	159-2				115		%
Thallium	203-1	209.07	204.64	206.89	206.87	1.07	ppb
Thallium	205-1	214.97	209.20	207.96	210.71	1.77	ppb
Tin	118-1	506.46	498.56	499.84	501.62	0.85	ppb
Titanium	47-1	490.56	487.16	487.67	488.46	0.38	ppb
Uranium	238-1	498.46	493.28	495.00	495.58	0.53	ppb
Vanadium	51-2	99.61	99.03	98.39	99.01	0.62	ppb
Yttrium	89-1				112		%
Yttrium	89-2				120		%
Zinc	66-2	215.46	214.54	213.54	214.51	0.45	ppb
Zirconium	90-1	494.78	485.84	484.75	488.46	1.13	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 15:43:17	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	486.59	477.72	481.94	482.09	0.92	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 15:54:11	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.71	20.01	19.98	20.24	2.04	ppb
Antimony	121-1	2.00	2.00	2.02	2.01	0.59	ppb
Arsenic	75-2	1.13	1.03	1.11	1.09	4.90	ppb
Barium	135-1	9.65	9.76	9.73	9.71	0.56	ppb
Barium	137-1	9.86	9.82	9.69	9.79	0.92	ppb
Beryllium	9-1	1.02	0.97	1.07	1.02	4.44	ppb
Bismuth	209-1				109		%
Bismuth	209-2				110		%
Boron	10-1	30.93	30.06	29.94	30.31	1.77	ppb
Boron	11-1	31.00	30.17	29.80	30.32	2.03	ppb
Cadmium	111-1	0.90	1.02	1.00	0.97	6.41	ppb
Cadmium	106-1	0.12	1.67	0.63	0.81	97.69	ppb
Cadmium	108-1	0.93	1.07	1.08	1.03	7.74	ppb
Calcium	43-1	481.26	473.56	470.92	475.25	1.13	ppb
Calcium	44-1	484.52	485.74	482.45	484.23	0.34	ppb
Chromium	52-2	2.08	2.14	2.04	2.08	2.42	ppb
Cobalt	59-2	0.96	0.97	1.01	0.98	2.66	ppb
Copper	63-2	2.13	2.01	2.09	2.08	2.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				116		%
Indium	115-1				114		%
Indium	115-2				118		%
Iron	56-2	55.21	54.94	55.82	55.32	0.82	ppb
Iron	57-2	53.33	57.72	65.59	58.88	10.55	ppb
Lead	206-1	0.98	0.98	1.00	0.99	1.17	ppb
Lead	207-1	1.02	0.94	0.96	0.97	3.93	ppb
Lead	208-1	1.00	0.96	0.98	0.98	1.99	ppb
Lithium	6-1				100		%
Magnesium	24-2	479.93	496.34	486.23	487.50	1.70	ppb
Manganese	55-2	1.09	1.08	1.04	1.07	2.73	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 15:54:11	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5.18	5.05	5.21	5.15	1.65	ppb
Molybdenum	95-1	5.13	4.91	4.84	4.96	3.09	ppb
Molybdenum	96-1	4.89	5.04	4.84	4.92	2.06	ppb
Molybdenum	97-1	5.10	5.01	5.02	5.04	1.01	ppb
Molybdenum	98-1	4.98	4.96	4.90	4.95	0.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.09	1.10	1.03	1.07	3.62	ppb
Phosphorus	31-2	-7.54	-10.16	-4.37	-7.36		ppb
Potassium	39-2	506.42	501.15	508.28	505.29	0.73	ppb
Rhodium	103-1				115		%
Rhodium	103-2				114		%
Scandium	45-1				115		%
Scandium	45-2				118		%
Selenium	77-2	7.19	5.56	4.83	5.86	20.63	ppb
Selenium	78-2	5.48	5.19	5.14	5.27	3.44	ppb
Selenium	82-1	5.40	5.21	5.13	5.25	2.63	ppb
Silicon	28-1	12.84	13.32	12.66	12.94	2.60	ppb
Silver	109-1	1.05	1.00	1.04	1.03	2.71	ppb
Silver	107-1	1.07	1.00	1.06	1.04	3.39	ppb
Sodium	23-2	509.26	510.08	510.86	510.07	0.16	ppb
Strontium	86-1	1.09	1.06	1.01	1.05	3.72	ppb
Strontium	88-1	1.03	1.01	1.00	1.01	1.11	ppb
Sulfur	34-1	-973.12	-759.49	-925.52	-886.05		ppb
Terbium	159-1				114		%
Terbium	159-2				115		%
Thallium	203-1	0.98	0.93	0.98	0.96	3.23	ppb
Thallium	205-1	1.03	0.98	1.02	1.01	2.41	ppb
Tin	118-1	4.80	4.81	4.76	4.79	0.48	ppb
Titanium	47-1	4.67	5.20	5.09	4.99	5.61	ppb
Uranium	238-1	0.85	0.87	0.85	0.86	1.31	ppb
Vanadium	51-2	4.78	4.73	4.82	4.78	0.87	ppb
Yttrium	89-1				115		%
Yttrium	89-2				120		%
Zinc	66-2	12.25	11.83	12.34	12.14	2.25	ppb
Zirconium	90-1	1.04	1.04	1.07	1.05	1.67	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 15:54:11	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.09	1.03	1.08	1.06	3.22	ppb

LB Number : LB97278 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-13 15:57:45 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.66	0.25	0.15	0.35	75.08	ppb
Antimony	121-1	0.05	0.04	0.05	0.05	8.99	ppb
Arsenic	75-2	0.02	-0.01	-0.01	0.00	523.94	ppb
Barium	135-1	0.01	0.00	0.02	0.01	64.00	ppb
Barium	137-1	0.00	0.00	0.01	0.00	159.51	ppb
Beryllium	9-1	0.02	0.01	0.01	0.01	45.75	ppb
Bismuth	209-1				110		%
Bismuth	209-2				114		%
Boron	10-1	6.48	5.12	5.94	5.85	11.66	ppb
Boron	11-1	6.25	5.82	5.44	5.83	6.91	ppb
Cadmium	111-1	0.03	-0.14	-0.11	-0.07		ppb
Cadmium	106-1	0.36	-0.87	-1.40	-0.64		ppb
Cadmium	108-1	-0.01	1.46	0.03	0.49	169.95	ppb
Calcium	43-1	0.74	0.34	-0.93	0.05	1795.60	ppb
Calcium	44-1	7.66	8.73	7.59	8.00	8.00	ppb
Chromium	52-2	-0.02	0.00	0.01	-0.01		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.01	0.00	0.00	0.00	283.39	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				115		%
Holmium	165-2				119		%
Indium	115-1				114		%
Indium	115-2				121		%
Iron	56-2	0.28	0.42	0.43	0.38	21.63	ppb
Iron	57-2	0.23	-0.05	0.64	0.27	125.60	ppb
Lead	206-1	0.02	0.01	0.02	0.02	26.17	ppb
Lead	207-1	0.01	0.02	0.02	0.02	27.08	ppb
Lead	208-1	0.02	0.01	0.02	0.02	22.74	ppb
Lithium	6-1				101		%
Magnesium	24-2	0.43	0.37	0.11	0.30	56.41	ppb
Manganese	55-2	0.01	0.01	0.00	0.01	37.86	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 15:57:45	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.06	0.05	0.07	0.06	20.32	ppb
Molybdenum	95-1	0.03	0.05	0.04	0.04	27.66	ppb
Molybdenum	96-1	0.03	0.03	0.03	0.03	8.26	ppb
Molybdenum	97-1	0.05	0.02	0.03	0.03	41.78	ppb
Molybdenum	98-1	0.05	0.04	0.04	0.04	4.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	0.00	0.01	33.55	ppb
Phosphorus	31-2	-9.21	-17.08	0.84	-8.48		ppb
Potassium	39-2	0.63	2.85	0.50	1.33	99.50	ppb
Rhodium	103-1				115		%
Rhodium	103-2				118		%
Scandium	45-1				115		%
Scandium	45-2				121		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.22	0.47	0.20	0.30	49.22	ppb
Selenium	82-1	-0.26	0.23	0.16	0.04	662.42	ppb
Silicon	28-1	-1.66	-2.32	-2.67	-2.22		ppb
Silver	109-1	0.00	0.00	0.00	0.00	109.39	ppb
Silver	107-1	0.01	0.01	0.00	0.01	30.45	ppb
Sodium	23-2	16.42	16.00	15.50	15.97	2.88	ppb
Strontium	86-1	0.01	0.03	0.00	0.01	114.32	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	76.77	ppb
Sulfur	34-1	-699.87	-796.94	-768.24	-755.02		ppb
Terbium	159-1				116		%
Terbium	159-2				119		%
Thallium	203-1	0.01	0.00	0.00	0.00	32.33	ppb
Thallium	205-1	0.00	0.00	0.01	0.01	34.69	ppb
Tin	118-1	-0.03	-0.02	-0.04	-0.03		ppb
Titanium	47-1	0.02	0.00	0.00	0.01	99.84	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	595.79	ppb
Yttrium	89-1				115		%
Yttrium	89-2				122		%
Zinc	66-2	8.55	8.34	8.27	8.39	1.69	ppb
Zirconium	90-1	0.02	0.01	0.02	0.02	31.96	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 15:57:45	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.01	0.01	0.01	57.37	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 16:01:19	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91822.46	92141.64	92399.04	92121.05	0.31	ppb
Antimony	121-1	1.07	1.12	1.05	1.08	3.45	ppb
Arsenic	75-2	0.31	0.32	1.30	0.64	88.57	ppb
Barium	135-1	1.49	1.44	1.35	1.43	5.07	ppb
Barium	137-1	1.49	1.54	1.44	1.49	3.22	ppb
Beryllium	9-1	0.30	0.30	0.30	0.30	0.80	ppb
Bismuth	209-1				104		%
Bismuth	209-2				106		%
Boron	10-1	6.42	6.74	6.08	6.41	5.15	ppb
Boron	11-1	6.40	6.60	6.14	6.38	3.57	ppb
Cadmium	111-1	0.36	0.34	0.27	0.33	13.91	ppb
Cadmium	106-1	-1.04	-1.66	-2.91	-1.87		ppb
Cadmium	108-1	13.51	13.07	12.19	12.92	5.21	ppb
Calcium	43-1	96482.67	98534.97	95475.20	96830.95	1.61	ppb
Calcium	44-1	96414.47	99198.88	95715.14	97109.50	1.90	ppb
Chromium	52-2	19.02	19.10	19.17	19.10	0.40	ppb
Cobalt	59-2	1.16	1.13	1.15	1.14	1.19	ppb
Copper	63-2	7.54	7.49	7.68	7.57	1.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				120		%
Indium	115-1				111		%
Indium	115-2				117		%
Iron	56-2	101898.85	102650.87	103416.56	102655.43	0.74	ppb
Iron	57-2	101745.59	102460.77	103152.47	102452.95	0.69	ppb
Lead	206-1	4.82	4.91	4.75	4.83	1.65	ppb
Lead	207-1	4.11	4.24	4.18	4.18	1.54	ppb
Lead	208-1	4.38	4.54	4.34	4.42	2.43	ppb
Lithium	6-1				95		%
Magnesium	24-2	96527.31	94921.07	96866.71	96105.03	1.08	ppb
Manganese	55-2	7.60	7.71	7.63	7.65	0.80	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 16:01:19	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1337.05	1366.30	1339.27	1347.54	1.21	ppb
Molybdenum	95-1	1924.53	1972.63	1924.51	1940.55	1.43	ppb
Molybdenum	96-1	1862.56	1905.47	1856.38	1874.80	1.43	ppb
Molybdenum	97-1	1917.74	1974.74	1918.78	1937.09	1.68	ppb
Molybdenum	98-1	1922.29	1960.74	1914.64	1932.56	1.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.10	5.21	5.26	5.19	1.56	ppb
Phosphorus	31-2	95299.81	95584.97	95990.50	95625.10	0.36	ppb
Potassium	39-2	99050.50	99043.03	99623.64	99239.06	0.34	ppb
Rhodium	103-1				108		%
Rhodium	103-2				111		%
Scandium	45-1				114		%
Scandium	45-2				120		%
Selenium	77-2	0.23	0.23	0.23	0.23	0.61	ppb
Selenium	78-2	0.43	0.37	0.79	0.53	43.08	ppb
Selenium	82-1	0.06	0.25	0.35	0.22	67.68	ppb
Silicon	28-1	16.78	17.85	16.05	16.89	5.36	ppb
Silver	109-1	0.05	0.11	0.06	0.07	43.59	ppb
Silver	107-1	0.05	0.05	0.06	0.05	9.03	ppb
Sodium	23-2	99052.06	96950.37	100631.88	98878.10	1.87	ppb
Strontium	86-1	33.72	33.59	33.43	33.58	0.43	ppb
Strontium	88-1	33.37	34.10	33.53	33.66	1.14	ppb
Sulfur	34-1	81566.27	82541.77	79935.90	81347.98	1.62	ppb
Terbium	159-1				117		%
Terbium	159-2				119		%
Thallium	203-1	0.06	0.07	0.07	0.06	11.06	ppb
Thallium	205-1	0.05	0.06	0.07	0.06	14.24	ppb
Tin	118-1	0.10	0.12	0.06	0.09	36.57	ppb
Titanium	47-1	1990.70	2018.23	1975.47	1994.80	1.09	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	11.39	ppb
Vanadium	51-2	0.15	0.16	0.17	0.16	7.35	ppb
Yttrium	89-1				115		%
Yttrium	89-2				121		%
Zinc	66-2	14.58	14.18	14.87	14.55	2.39	ppb
Zirconium	90-1	0.06	0.06	0.07	0.06	8.10	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 16:01:19	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.07	0.05	0.05	20.61	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 16:04:58	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91258.17	88284.00	90856.73	90132.97	1.79	ppb
Antimony	121-1	20.20	20.23	20.21	20.21	0.06	ppb
Arsenic	75-2	19.46	18.97	19.52	19.32	1.55	ppb
Barium	135-1	21.44	21.60	21.55	21.53	0.37	ppb
Barium	137-1	21.42	21.29	21.51	21.41	0.53	ppb
Beryllium	9-1	20.51	20.65	20.30	20.49	0.86	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Boron	10-1	46.23	46.65	45.97	46.28	0.74	ppb
Boron	11-1	46.69	46.18	46.94	46.60	0.83	ppb
Cadmium	111-1	19.24	19.41	19.50	19.38	0.67	ppb
Cadmium	106-1	18.95	21.53	21.07	20.52	6.70	ppb
Cadmium	108-1	31.82	33.22	32.04	32.36	2.33	ppb
Calcium	43-1	95737.86	95818.27	95807.58	95787.90	0.05	ppb
Calcium	44-1	96304.03	95714.63	95812.29	95943.65	0.33	ppb
Chromium	52-2	37.79	37.97	38.10	37.95	0.41	ppb
Cobalt	59-2	20.19	20.01	20.36	20.19	0.86	ppb
Copper	63-2	26.49	26.06	27.00	26.52	1.76	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				120		%
Holmium	165-2				120		%
Indium	115-1				116		%
Indium	115-2				118		%
Iron	56-2	100985.30	100575.80	101486.12	101015.74	0.45	ppb
Iron	57-2	101160.92	100554.21	102092.60	101269.25	0.77	ppb
Lead	206-1	25.16	24.89	25.07	25.04	0.55	ppb
Lead	207-1	22.94	22.69	22.74	22.79	0.60	ppb
Lead	208-1	23.80	23.70	23.69	23.73	0.25	ppb
Lithium	6-1				95		%
Magnesium	24-2	95439.66	92484.23	95378.65	94434.18	1.79	ppb
Manganese	55-2	26.44	26.42	26.76	26.54	0.72	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 16:04:58	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1413.39	1418.27	1420.05	1417.24	0.24	ppb
Molybdenum	95-1	1958.94	1961.61	1972.92	1964.49	0.38	ppb
Molybdenum	96-1	1897.65	1891.88	1910.85	1900.13	0.51	ppb
Molybdenum	97-1	1958.32	1933.06	1962.74	1951.37	0.82	ppb
Molybdenum	98-1	1943.04	1914.71	1943.83	1933.86	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.20	23.96	24.94	24.37	2.11	ppb
Phosphorus	31-2	94305.77	93039.61	93916.81	93754.06	0.69	ppb
Potassium	39-2	98500.80	97340.94	98132.87	97991.54	0.60	ppb
Rhodium	103-1				112		%
Rhodium	103-2				112		%
Scandium	45-1				119		%
Scandium	45-2				122		%
Selenium	77-2	20.94	19.05	19.16	19.72	5.39	ppb
Selenium	78-2	20.83	18.95	19.86	19.88	4.71	ppb
Selenium	82-1	19.52	20.07	19.31	19.63	2.01	ppb
Silicon	28-1	56.23	56.13	56.27	56.21	0.13	ppb
Silver	109-1	18.33	18.35	18.38	18.35	0.14	ppb
Silver	107-1	18.23	18.75	18.46	18.48	1.40	ppb
Sodium	23-2	99344.27	95823.05	99319.64	98162.32	2.06	ppb
Strontium	86-1	72.23	71.76	72.27	72.09	0.39	ppb
Strontium	88-1	72.02	72.09	72.73	72.28	0.54	ppb
Sulfur	34-1	79984.04	80229.62	79909.46	80041.04	0.21	ppb
Terbium	159-1				120		%
Terbium	159-2				119		%
Thallium	203-1	20.43	20.62	20.44	20.50	0.52	ppb
Thallium	205-1	20.48	20.65	20.77	20.63	0.71	ppb
Tin	118-1	37.46	38.42	38.30	38.06	1.36	ppb
Titanium	47-1	2011.41	1994.99	1995.63	2000.68	0.46	ppb
Uranium	238-1	35.65	35.46	35.68	35.60	0.35	ppb
Vanadium	51-2	19.03	19.00	18.86	18.96	0.47	ppb
Yttrium	89-1				119		%
Yttrium	89-2				123		%
Zinc	66-2	33.69	32.37	33.32	33.13	2.05	ppb
Zirconium	90-1	38.89	38.62	38.78	38.77	0.35	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 16:04:58	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	38.74	39.00	38.79	38.84	0.35	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	CCV59	Instrumnet Name :	P7
Client Sample ID :	CCV59	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 16:08:37	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52933.12	53097.18	52902.66	52977.65	0.20	ppb
Antimony	121-1	495.59	497.18	490.07	494.28	0.75	ppb
Arsenic	75-2	496.80	495.24	493.20	495.08	0.37	ppb
Barium	135-1	2535.30	2537.68	2516.77	2529.92	0.45	ppb
Barium	137-1	2518.07	2536.20	2518.49	2524.25	0.41	ppb
Beryllium	9-1	512.16	516.42	522.54	517.04	1.01	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	501.98	503.24	522.32	509.18	2.24	ppb
Boron	11-1	511.15	514.68	523.44	516.42	1.22	ppb
Cadmium	111-1	471.86	474.43	469.53	471.94	0.52	ppb
Cadmium	106-1	481.65	482.51	480.88	481.68	0.17	ppb
Cadmium	108-1	475.00	483.75	476.34	478.36	0.99	ppb
Calcium	43-1	245158.29	247661.62	246216.35	246345.42	0.51	ppb
Calcium	44-1	245960.02	248427.38	247569.92	247319.11	0.51	ppb
Chromium	52-2	501.29	507.18	504.33	504.27	0.59	ppb
Cobalt	59-2	481.56	486.24	481.37	483.05	0.57	ppb
Copper	63-2	922.22	933.72	929.17	928.37	0.62	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				117		%
Holmium	165-2				119		%
Indium	115-1				111		%
Indium	115-2				115		%
Iron	56-2	129392.49	129783.07	128821.37	129332.31	0.37	ppb
Iron	57-2	129530.68	130766.94	128913.14	129736.92	0.73	ppb
Lead	206-1	520.49	525.81	520.46	522.26	0.59	ppb
Lead	207-1	510.30	513.31	512.82	512.14	0.32	ppb
Lead	208-1	513.12	518.80	516.51	516.14	0.55	ppb
Lithium	6-1				93		%
Magnesium	24-2	251021.67	251362.67	249196.28	250526.87	0.46	ppb
Manganese	55-2	996.40	995.21	993.07	994.89	0.17	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	CCV59	Instrumnet Name :	P7
Client Sample ID :	CCV59	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 16:08:37	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2536.56	2544.44	2528.65	2536.55	0.31	ppb
Molybdenum	95-1	2537.48	2536.76	2550.74	2541.66	0.31	ppb
Molybdenum	96-1	2533.57	2553.69	2547.77	2545.01	0.41	ppb
Molybdenum	97-1	2528.79	2548.54	2531.65	2536.33	0.42	ppb
Molybdenum	98-1	2517.20	2527.91	2525.35	2523.49	0.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	481.30	486.38	483.00	483.56	0.54	ppb
Phosphorus	31-2	9770.81	9957.21	10032.59	9920.20	1.36	ppb
Potassium	39-2	127139.27	127949.88	127412.89	127500.68	0.32	ppb
Rhodium	103-1				107		%
Rhodium	103-2				108		%
Scandium	45-1				116		%
Scandium	45-2				123		%
Selenium	77-2	479.81	488.44	455.77	474.67	3.57	ppb
Selenium	78-2	483.86	479.68	477.90	480.48	0.64	ppb
Selenium	82-1	467.00	471.59	467.43	468.67	0.54	ppb
Silicon	28-1	505.43	523.28	529.00	519.24	2.37	ppb
Silver	109-1	477.36	475.55	472.53	475.15	0.51	ppb
Silver	107-1	479.46	483.15	476.50	479.70	0.69	ppb
Sodium	23-2	252046.35	253147.50	251958.56	252384.14	0.26	ppb
Strontium	86-1	501.72	505.03	506.13	504.29	0.46	ppb
Strontium	88-1	506.28	510.24	506.20	507.57	0.45	ppb
Sulfur	34-1	9005.77	9024.63	9128.07	9052.82	0.73	ppb
Terbium	159-1				117		%
Terbium	159-2				118		%
Thallium	203-1	516.33	515.70	520.51	517.51	0.51	ppb
Thallium	205-1	522.15	523.74	520.62	522.17	0.30	ppb
Tin	118-1	496.71	502.57	490.67	496.65	1.20	ppb
Titanium	47-1	2508.39	2530.51	2514.10	2517.67	0.46	ppb
Uranium	238-1	483.28	483.11	479.12	481.83	0.49	ppb
Vanadium	51-2	492.50	496.74	494.30	494.51	0.43	ppb
Yttrium	89-1				117		%
Yttrium	89-2				122		%
Zinc	66-2	921.61	931.35	917.38	923.45	0.78	ppb
Zirconium	90-1	508.15	510.23	506.00	508.13	0.42	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	CCV59	Instrumnet Name :	P7
Client Sample ID :	CCV59	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 16:08:37	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	509.38	511.13	505.60	508.70	0.56	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	CCB59	Instrumnet Name :	P7
Client Sample ID :	CCB59	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 16:12:18	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.65	3.05	2.88	3.20	12.65	ppb
Antimony	121-1	0.36	0.35	0.33	0.35	4.18	ppb
Arsenic	75-2	0.04	0.08	0.06	0.06	31.73	ppb
Barium	135-1	0.39	0.31	0.24	0.32	24.01	ppb
Barium	137-1	0.40	0.31	0.23	0.31	26.68	ppb
Beryllium	9-1	0.11	0.08	0.09	0.09	11.88	ppb
Bismuth	209-1				114		%
Bismuth	209-2				114		%
Boron	10-1	17.38	15.45	13.70	15.51	11.87	ppb
Boron	11-1	16.50	15.34	14.64	15.49	6.09	ppb
Cadmium	111-1	-0.01	-0.08	0.00	-0.03		ppb
Cadmium	106-1	-0.99	-1.83	-0.62	-1.15		ppb
Cadmium	108-1	0.12	0.10	0.11	0.11	12.08	ppb
Calcium	43-1	36.95	29.84	29.29	32.03	13.34	ppb
Calcium	44-1	50.01	40.72	33.59	41.44	19.87	ppb
Chromium	52-2	0.03	0.02	0.02	0.02	26.90	ppb
Cobalt	59-2	0.02	0.02	0.01	0.02	12.46	ppb
Copper	63-2	0.17	0.13	0.13	0.14	14.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				119		%
Holmium	165-2				121		%
Indium	115-1				120		%
Indium	115-2				123		%
Iron	56-2	8.97	7.48	6.78	7.74	14.46	ppb
Iron	57-2	8.89	5.69	5.70	6.76	27.27	ppb
Lead	206-1	0.10	0.09	0.08	0.09	10.55	ppb
Lead	207-1	0.12	0.10	0.07	0.10	24.48	ppb
Lead	208-1	0.11	0.09	0.08	0.09	14.48	ppb
Lithium	6-1				99		%
Magnesium	24-2	13.74	12.27	11.24	12.42	10.12	ppb
Manganese	55-2	0.05	0.04	0.04	0.04	18.73	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	CCB59	Instrumnet Name :	P7
Client Sample ID :	CCB59	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 16:12:18	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.08	0.93	0.91	0.98	9.61	ppb
Molybdenum	95-1	1.40	1.24	1.02	1.22	16.03	ppb
Molybdenum	96-1	1.38	1.15	1.08	1.20	12.87	ppb
Molybdenum	97-1	1.40	1.26	1.05	1.24	14.08	ppb
Molybdenum	98-1	1.41	1.17	1.06	1.21	14.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.02	0.01	0.02	45.32	ppb
Phosphorus	31-2	-18.91	-17.69	-30.50	-22.37		ppb
Potassium	39-2	37.39	32.40	29.87	33.22	11.51	ppb
Rhodium	103-1				119		%
Rhodium	103-2				119		%
Scandium	45-1				119		%
Scandium	45-2				122		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.24	0.90	0.69	0.61	54.66	ppb
Selenium	82-1	-0.07	0.29	0.09	0.11	171.58	ppb
Silicon	28-1	-1.21	-2.37	-2.36	-1.98		ppb
Silver	109-1	0.09	0.08	0.06	0.08	19.24	ppb
Silver	107-1	0.08	0.08	0.06	0.07	14.32	ppb
Sodium	23-2	81.27	75.77	70.24	75.76	7.28	ppb
Strontium	86-1	0.08	0.08	0.05	0.07	25.09	ppb
Strontium	88-1	0.08	0.06	0.05	0.06	26.20	ppb
Sulfur	34-1	-2236.75	-2184.00	-2111.30	-2177.35		ppb
Terbium	159-1				121		%
Terbium	159-2				120		%
Thallium	203-1	0.18	0.15	0.13	0.15	16.32	ppb
Thallium	205-1	0.17	0.15	0.13	0.15	11.72	ppb
Tin	118-1	0.11	0.10	0.06	0.09	28.87	ppb
Titanium	47-1	0.60	0.45	0.30	0.45	33.16	ppb
Uranium	238-1	0.07	0.04	0.03	0.05	42.74	ppb
Vanadium	51-2	0.03	0.03	0.01	0.02	40.66	ppb
Yttrium	89-1				120		%
Yttrium	89-2				124		%
Zinc	66-2	3.59	3.11	3.30	3.33	7.26	ppb
Zirconium	90-1	0.09	0.08	0.07	0.08	17.30	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	CCB59	Instrumnet Name :	P7
Client Sample ID :	CCB59	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 16:12:18	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.07	0.09	0.08	18.15	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 16:15:51	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.63	21.64	18.95	19.74	8.38	ppb
Antimony	121-1	1.97	1.98	1.97	1.97	0.30	ppb
Arsenic	75-2	0.99	0.98	0.98	0.98	0.33	ppb
Barium	135-1	9.58	9.58	9.64	9.60	0.37	ppb
Barium	137-1	9.62	9.87	9.38	9.62	2.56	ppb
Beryllium	9-1	1.02	1.00	1.00	1.01	1.25	ppb
Bismuth	209-1				115		%
Bismuth	209-2				115		%
Boron	10-1	29.64	29.40	29.23	29.42	0.70	ppb
Boron	11-1	29.60	30.37	29.56	29.84	1.52	ppb
Cadmium	111-1	0.83	0.88	0.72	0.81	9.70	ppb
Cadmium	106-1	-0.55	-0.31	-1.40	-0.76		ppb
Cadmium	108-1	1.16	0.95	0.99	1.03	10.87	ppb
Calcium	43-1	454.38	457.59	465.83	459.27	1.29	ppb
Calcium	44-1	474.79	473.26	471.20	473.08	0.38	ppb
Chromium	52-2	1.97	2.01	1.97	1.98	1.35	ppb
Cobalt	59-2	0.96	0.92	0.94	0.94	1.76	ppb
Copper	63-2	2.03	2.05	1.96	2.01	2.43	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				121		%
Holmium	165-2				123		%
Indium	115-1				121		%
Indium	115-2				126		%
Iron	56-2	52.82	52.23	52.45	52.50	0.56	ppb
Iron	57-2	51.10	50.09	53.76	51.65	3.68	ppb
Lead	206-1	0.96	0.94	0.95	0.95	0.90	ppb
Lead	207-1	0.90	0.93	0.94	0.92	2.04	ppb
Lead	208-1	0.94	0.96	0.96	0.95	0.90	ppb
Lithium	6-1				100		%
Magnesium	24-2	464.61	465.92	464.76	465.10	0.15	ppb
Manganese	55-2	1.03	1.02	0.95	1.00	4.36	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 16:15:51	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5.00	4.92	4.90	4.94	1.06	ppb
Molybdenum	95-1	5.04	4.96	4.87	4.95	1.71	ppb
Molybdenum	96-1	4.89	5.04	4.91	4.95	1.69	ppb
Molybdenum	97-1	4.82	5.00	5.13	4.98	3.05	ppb
Molybdenum	98-1	4.83	4.93	4.85	4.87	1.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.06	1.02	1.01	1.03	2.20	ppb
Phosphorus	31-2	-23.85	-21.71	-13.91	-19.82		ppb
Potassium	39-2	488.64	484.71	497.02	490.12	1.28	ppb
Rhodium	103-1				121		%
Rhodium	103-2				122		%
Scandium	45-1				121		%
Scandium	45-2				127		%
Selenium	77-2	5.03	4.88	5.09	5.00	2.20	ppb
Selenium	78-2	5.70	5.40	5.35	5.48	3.48	ppb
Selenium	82-1	5.17	5.14	5.22	5.18	0.81	ppb
Silicon	28-1	10.41	9.63	9.88	9.97	4.01	ppb
Silver	109-1	1.04	1.02	0.99	1.02	2.09	ppb
Silver	107-1	1.02	1.00	1.00	1.01	1.10	ppb
Sodium	23-2	512.77	510.92	505.98	509.89	0.69	ppb
Strontium	86-1	0.95	0.98	0.94	0.95	2.50	ppb
Strontium	88-1	1.00	1.00	0.98	0.99	1.35	ppb
Sulfur	34-1	-1847.27	-1934.23	-1849.88	-1877.13		ppb
Terbium	159-1				121		%
Terbium	159-2				122		%
Thallium	203-1	0.97	0.98	0.99	0.98	1.07	ppb
Thallium	205-1	1.02	1.02	1.02	1.02	0.12	ppb
Tin	118-1	4.54	4.58	4.43	4.52	1.76	ppb
Titanium	47-1	4.52	4.55	4.81	4.63	3.47	ppb
Uranium	238-1	0.79	0.82	0.83	0.82	2.51	ppb
Vanadium	51-2	4.53	4.58	4.49	4.54	1.03	ppb
Yttrium	89-1				122		%
Yttrium	89-2				127		%
Zinc	66-2	0.89	0.83	1.07	0.93	13.25	ppb
Zirconium	90-1	1.00	0.99	1.02	1.00	1.38	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 16:15:51	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.96	1.03	1.00	1.00	3.46	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	PB112005BL	Instrumnet Name :	P7
Client Sample ID :	PB112005BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 16:19:24	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.08	-0.41	-0.47	-0.32		ppb
Antimony	121-1	0.05	0.05	0.05	0.05	7.94	ppb
Arsenic	75-2	0.02	0.00	0.01	0.01	90.01	ppb
Barium	135-1	0.00	0.00	0.00	0.00		ppb
Barium	137-1	0.01	0.00	0.00	0.00	189.31	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	35.95	ppb
Bismuth	209-1				111		%
Bismuth	209-2				108		%
Boron	10-1	5.71	5.66	5.31	5.56	3.90	ppb
Boron	11-1	5.83	5.60	5.23	5.55	5.46	ppb
Cadmium	111-1	-0.06	-0.01	-0.12	-0.06		ppb
Cadmium	106-1	-0.87	-0.08	-1.52	-0.82		ppb
Cadmium	108-1	0.00	0.04	0.07	0.04	94.28	ppb
Calcium	43-1	-0.35	-1.56	-1.56	-1.16		ppb
Calcium	44-1	9.69	9.84	9.27	9.60	3.11	ppb
Chromium	52-2	0.03	-0.01	0.03	0.02	128.34	ppb
Cobalt	59-2	0.00	-0.01	0.00	-0.01		ppb
Copper	63-2	0.07	0.04	0.05	0.05	29.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				119		%
Holmium	165-2				115		%
Indium	115-1				120		%
Indium	115-2				119		%
Iron	56-2	0.98	0.68	0.56	0.74	28.99	ppb
Iron	57-2	0.80	1.05	0.89	0.91	14.11	ppb
Lead	206-1	0.01	0.02	0.02	0.02	51.06	ppb
Lead	207-1	0.01	0.02	0.02	0.02	32.50	ppb
Lead	208-1	0.01	0.02	0.02	0.02	23.54	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.81	0.21	0.71	0.58	55.42	ppb
Manganese	55-2	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	PB112005BL	Instrumnet Name :	P7
Client Sample ID :	PB112005BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 16:19:24	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.10	0.09	0.09	0.09	8.00	ppb
Molybdenum	95-1	0.14	0.14	0.15	0.14	3.14	ppb
Molybdenum	96-1	0.13	0.11	0.13	0.13	8.14	ppb
Molybdenum	97-1	0.12	0.13	0.14	0.13	10.19	ppb
Molybdenum	98-1	0.13	0.13	0.12	0.13	4.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	0.00	0.00	244.91	ppb
Phosphorus	31-2	-15.11	-19.01	-20.99	-18.37		ppb
Potassium	39-2	23.38	10.85	9.36	14.53	52.98	ppb
Rhodium	103-1				121		%
Rhodium	103-2				115		%
Scandium	45-1				121		%
Scandium	45-2				120		%
Selenium	77-2	0.00	0.00	0.22	0.07	173.21	ppb
Selenium	78-2	0.08	0.22	0.65	0.32	94.39	ppb
Selenium	82-1	0.39	0.25	-0.05	0.20	114.69	ppb
Silicon	28-1	-3.95	-4.11	-4.28	-4.11		ppb
Silver	109-1	0.01	0.01	0.01	0.01	15.40	ppb
Silver	107-1	0.01	0.01	0.01	0.01	2.62	ppb
Sodium	23-2	34.87	27.74	28.39	30.34	13.00	ppb
Strontium	86-1	0.01	0.03	0.06	0.03	84.71	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	85.63	ppb
Sulfur	34-1	-1531.59	-1538.96	-1554.53	-1541.69		ppb
Terbium	159-1				120		%
Terbium	159-2				115		%
Thallium	203-1	0.02	0.02	0.03	0.02	18.03	ppb
Thallium	205-1	0.02	0.03	0.02	0.02	11.60	ppb
Tin	118-1	0.01	0.01	-0.02	0.00	2177.63	ppb
Titanium	47-1	0.08	0.03	0.03	0.04	69.04	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
Yttrium	89-1				121		%
Yttrium	89-2				121		%
Zinc	66-2	0.78	0.66	0.51	0.65	20.91	ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	27.38	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	PB112005BL	Instrumnet Name :	P7
Client Sample ID :	PB112005BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 16:19:24	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.01	0.00	0.01	61.74	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	PB112005BS	Instrumnet Name :	P7
Client Sample ID :	PB112005BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 16:22:57	DataFile Name :	022LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9838.15	9802.44	9812.48	9817.69	0.19	ppb
Antimony	121-1	500.64	497.28	500.28	499.40	0.37	ppb
Arsenic	75-2	514.14	516.53	516.42	515.70	0.26	ppb
Barium	135-1	2526.32	2532.17	2516.48	2524.99	0.31	ppb
Barium	137-1	2529.58	2504.19	2516.84	2516.87	0.50	ppb
Beryllium	9-1	509.23	507.17	511.44	509.28	0.42	ppb
Bismuth	209-1				108		%
Bismuth	209-2				110		%
Boron	10-1	497.05	494.18	499.05	496.76	0.49	ppb
Boron	11-1	491.08	494.24	507.08	497.47	1.70	ppb
Cadmium	111-1	498.60	496.17	500.54	498.43	0.44	ppb
Cadmium	106-1	499.34	505.33	497.14	500.60	0.85	ppb
Cadmium	108-1	495.30	499.28	487.87	494.15	1.17	ppb
Calcium	43-1	48946.80	49349.43	49650.76	49315.66	0.72	ppb
Calcium	44-1	49745.53	49726.28	50115.70	49862.50	0.44	ppb
Chromium	52-2	491.57	490.63	488.52	490.24	0.32	ppb
Cobalt	59-2	490.90	492.83	489.93	491.22	0.30	ppb
Copper	63-2	987.05	984.70	983.73	985.16	0.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				120		%
Holmium	165-2				122		%
Indium	115-1				115		%
Indium	115-2				119		%
Iron	56-2	26182.52	26205.41	26019.62	26135.85	0.39	ppb
Iron	57-2	26004.02	25786.96	25732.42	25841.13	0.56	ppb
Lead	206-1	502.93	509.95	505.25	506.04	0.71	ppb
Lead	207-1	492.44	499.52	496.80	496.25	0.72	ppb
Lead	208-1	497.80	503.40	501.13	500.78	0.56	ppb
Lithium	6-1				98		%
Magnesium	24-2	50816.04	50588.30	50538.48	50647.61	0.29	ppb
Manganese	55-2	998.39	994.56	993.43	995.46	0.26	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	PB112005BS	Instrumnet Name :	P7
Client Sample ID :	PB112005BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 16:22:57	DataFile Name :	022LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2511.86	2483.06	2499.94	2498.29	0.58	ppb
Molybdenum	95-1	2504.46	2487.62	2504.56	2498.88	0.39	ppb
Molybdenum	96-1	2494.29	2501.88	2510.60	2502.26	0.33	ppb
Molybdenum	97-1	2475.26	2478.45	2508.67	2487.46	0.74	ppb
Molybdenum	98-1	2471.81	2486.99	2509.26	2489.35	0.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	495.98	497.96	497.64	497.19	0.21	ppb
Phosphorus	31-2	9979.93	9838.56	10091.55	9970.01	1.27	ppb
Potassium	39-2	25324.77	25326.35	25387.86	25346.33	0.14	ppb
Rhodium	103-1				114		%
Rhodium	103-2				114		%
Scandium	45-1				117		%
Scandium	45-2				124		%
Selenium	77-2	497.11	508.99	538.96	515.02	4.19	ppb
Selenium	78-2	511.59	517.28	529.89	519.59	1.80	ppb
Selenium	82-1	496.79	499.89	502.00	499.56	0.52	ppb
Silicon	28-1	511.39	517.67	527.74	518.94	1.59	ppb
Silver	109-1	500.42	499.68	498.66	499.59	0.18	ppb
Silver	107-1	502.29	505.50	501.28	503.02	0.44	ppb
Sodium	23-2	51097.78	50474.09	50720.45	50764.11	0.62	ppb
Strontium	86-1	499.95	496.66	500.42	499.01	0.41	ppb
Strontium	88-1	501.77	501.00	502.46	501.74	0.15	ppb
Sulfur	34-1	9160.96	9088.73	8950.50	9066.73	1.18	ppb
Terbium	159-1				119		%
Terbium	159-2				120		%
Thallium	203-1	499.65	505.31	499.25	501.40	0.68	ppb
Thallium	205-1	505.98	510.84	502.20	506.34	0.85	ppb
Tin	118-1	500.66	497.34	496.18	498.06	0.47	ppb
Titanium	47-1	2494.44	2469.69	2511.47	2491.87	0.84	ppb
Uranium	238-1	447.13	454.80	451.08	451.00	0.85	ppb
Vanadium	51-2	491.17	488.99	491.85	490.67	0.30	ppb
Yttrium	89-1				119		%
Yttrium	89-2				124		%
Zinc	66-2	1003.99	1006.24	999.92	1003.38	0.32	ppb
Zirconium	90-1	500.08	497.86	502.58	500.17	0.47	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	PB112005BS	Instrumnet Name :	P7
Client Sample ID :	PB112005BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 16:22:57	DataFile Name :	022LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	500.48	499.05	500.75	500.09	0.18	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	J3922-09	Instrumnet Name :	P7
Client Sample ID :	SS037MW202-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 16:26:33	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.03	2.49	2.79	2.77	9.80	ppb
Antimony	121-1	2.38	2.07	1.88	2.11	12.04	ppb
Arsenic	75-2	87.60	87.79	88.07	87.82	0.27	ppb
Barium	135-1	428.48	429.65	430.94	429.69	0.29	ppb
Barium	137-1	421.59	426.51	429.79	425.96	0.97	ppb
Beryllium	9-1	0.07	0.07	0.06	0.06	6.48	ppb
Bismuth	209-1				107		%
Bismuth	209-2				100		%
Boron	10-1	173.58	171.91	168.20	171.23	1.61	ppb
Boron	11-1	184.30	178.37	179.65	180.77	1.73	ppb
Cadmium	111-1	0.01	0.05	0.01	0.02	97.19	ppb
Cadmium	106-1	-1.53	-0.42	-0.86	-0.94		ppb
Cadmium	108-1	0.25	0.16	0.10	0.17	43.75	ppb
Calcium	43-1	82139.03	82247.08	83372.90	82586.34	0.83	ppb
Calcium	44-1	82198.95	82731.18	82967.45	82632.53	0.48	ppb
Chromium	52-2	1.03	1.12	1.07	1.07	4.33	ppb
Cobalt	59-2	1.98	1.96	1.98	1.97	0.50	ppb
Copper	63-2	1.31	1.30	1.31	1.31	0.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				113		%
Indium	115-1				128		%
Indium	115-2				121		%
Iron	56-2	9129.69	9263.05	9299.07	9230.60	0.97	ppb
Iron	57-2	9100.04	9274.04	9301.93	9225.34	1.19	ppb
Lead	206-1	0.42	0.37	0.36	0.38	7.85	ppb
Lead	207-1	0.40	0.39	0.32	0.37	11.73	ppb
Lead	208-1	0.42	0.38	0.35	0.38	9.15	ppb
Lithium	6-1				106		%
Magnesium	24-2	12623.45	12568.14	12624.17	12605.25	0.25	ppb
Manganese	55-2	1897.45	1906.13	1927.52	1910.37	0.81	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	J3922-09	Instrumnet Name :	P7
Client Sample ID :	SS037MW202-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 16:26:33	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.22	2.81	2.71	2.91	9.22	ppb
Molybdenum	95-1	4.02	3.81	3.60	3.81	5.50	ppb
Molybdenum	96-1	4.06	3.64	3.47	3.72	8.19	ppb
Molybdenum	97-1	4.20	3.61	3.65	3.82	8.72	ppb
Molybdenum	98-1	4.01	3.67	3.59	3.76	5.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.31	2.30	2.28	2.30	0.79	ppb
Phosphorus	31-2	19.01	45.63	47.89	37.51	42.81	ppb
Potassium	39-2	2021.76	2028.40	2027.60	2025.92	0.18	ppb
Rhodium	103-1				116		%
Rhodium	103-2				112		%
Scandium	45-1				119		%
Scandium	45-2				120		%
Selenium	77-2	2.14	1.67	1.20	1.67	28.00	ppb
Selenium	78-2	-0.19	0.46	0.95	0.41	140.79	ppb
Selenium	82-1	0.63	0.28	0.98	0.63	54.94	ppb
Silicon	28-1	9850.85	9776.96	9940.19	9856.00	0.83	ppb
Silver	109-1	0.66	0.60	0.51	0.59	12.41	ppb
Silver	107-1	0.66	0.59	0.56	0.60	8.54	ppb
Sodium	23-2	47741.22	47084.67	47973.49	47599.79	0.97	ppb
Strontium	86-1	579.68	579.94	581.76	580.46	0.20	ppb
Strontium	88-1	581.50	575.67	581.38	579.52	0.58	ppb
Sulfur	34-1	-1936.70	-2013.20	-1907.82	-1952.57		ppb
Terbium	159-1				117		%
Terbium	159-2				113		%
Thallium	203-1	0.66	0.41	0.26	0.44	46.24	ppb
Thallium	205-1	0.67	0.43	0.28	0.46	42.38	ppb
Tin	118-1	1.24	1.43	1.45	1.37	8.46	ppb
Titanium	47-1	1.24	1.13	1.04	1.14	8.91	ppb
Uranium	238-1	0.08	0.07	0.07	0.08	9.16	ppb
Vanadium	51-2	0.50	0.51	0.54	0.51	4.00	ppb
Yttrium	89-1				120		%
Yttrium	89-2				117		%
Zinc	66-2	7.06	6.85	6.77	6.89	2.20	ppb
Zirconium	90-1	0.24	0.14	0.16	0.18	30.24	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	J3922-09	Instrumnet Name :	P7
Client Sample ID :	SS037MW202-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 16:26:33	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.22	0.16	0.15	0.18	22.62	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	J3922-12	Instrumnet Name :	P7
Client Sample ID :	DUP-0495-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 16:30:10	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.25	5.23	4.68	5.05	6.37	ppb
Antimony	121-1	0.99	1.04	1.10	1.04	5.05	ppb
Arsenic	75-2	12.18	12.31	12.55	12.34	1.51	ppb
Barium	135-1	330.70	326.85	331.11	329.55	0.71	ppb
Barium	137-1	327.52	327.16	328.34	327.68	0.18	ppb
Beryllium	9-1	0.03	0.01	0.02	0.02	56.72	ppb
Bismuth	209-1				110		%
Bismuth	209-2				103		%
Boron	10-1	224.49	232.11	235.82	230.81	2.50	ppb
Boron	11-1	239.20	247.43	249.77	245.47	2.26	ppb
Cadmium	111-1	-0.12	-0.09	-0.18	-0.13		ppb
Cadmium	106-1	-1.85	-1.45	-2.58	-1.96		ppb
Cadmium	108-1	0.06	-0.03	0.06	0.03	172.76	ppb
Calcium	43-1	100621.47	100293.45	100907.66	100607.53	0.31	ppb
Calcium	44-1	100736.49	100899.59	101328.22	100988.10	0.30	ppb
Chromium	52-2	0.71	0.67	0.71	0.70	3.46	ppb
Cobalt	59-2	0.82	0.87	0.86	0.85	3.47	ppb
Copper	63-2	1.20	1.22	1.22	1.22	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				120		%
Holmium	165-2				114		%
Indium	115-1				126		%
Indium	115-2				115		%
Iron	56-2	1777.37	1801.05	1799.01	1792.48	0.73	ppb
Iron	57-2	1978.15	1987.23	1996.14	1987.17	0.45	ppb
Lead	206-1	0.42	0.40	0.42	0.41	3.02	ppb
Lead	207-1	0.39	0.40	0.37	0.39	3.88	ppb
Lead	208-1	0.41	0.39	0.39	0.40	2.46	ppb
Lithium	6-1				98		%
Magnesium	24-2	12690.00	12889.85	12878.36	12819.40	0.88	ppb
Manganese	55-2	544.12	551.01	549.28	548.14	0.65	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	J3922-12	Instrumnet Name :	P7
Client Sample ID :	DUP-0495-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 16:30:10	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.18	1.23	1.18	1.20	2.56	ppb
Molybdenum	95-1	1.65	1.67	1.64	1.65	1.00	ppb
Molybdenum	96-1	1.61	1.55	1.55	1.57	2.34	ppb
Molybdenum	97-1	1.62	1.60	1.62	1.61	0.70	ppb
Molybdenum	98-1	1.68	1.64	1.62	1.64	1.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.79	2.79	2.74	2.77	1.10	ppb
Phosphorus	31-2	-16.36	-11.80	-11.88	-13.35		ppb
Potassium	39-2	2148.63	2155.85	2178.88	2161.12	0.73	ppb
Rhodium	103-1				117		%
Rhodium	103-2				110		%
Scandium	45-1				118		%
Scandium	45-2				115		%
Selenium	77-2	0.74	1.24	0.99	0.99	25.03	ppb
Selenium	78-2	0.33	1.44	1.12	0.96	59.46	ppb
Selenium	82-1	1.89	1.80	1.71	1.80	4.98	ppb
Silicon	28-1	8430.18	8451.03	8489.54	8456.92	0.36	ppb
Silver	109-1	0.31	0.32	0.30	0.31	2.51	ppb
Silver	107-1	0.33	0.34	0.32	0.33	3.13	ppb
Sodium	23-2	43403.82	43663.11	43772.37	43613.10	0.43	ppb
Strontium	86-1	622.29	613.32	620.67	618.76	0.77	ppb
Strontium	88-1	623.31	616.54	616.72	618.86	0.62	ppb
Sulfur	34-1	5617.09	5555.20	5776.08	5649.46	2.02	ppb
Terbium	159-1				120		%
Terbium	159-2				113		%
Thallium	203-1	0.08	0.06	0.06	0.07	19.33	ppb
Thallium	205-1	0.07	0.06	0.05	0.06	13.67	ppb
Tin	118-1	1.23	1.35	1.31	1.30	4.49	ppb
Titanium	47-1	0.80	0.85	0.85	0.83	3.37	ppb
Uranium	238-1	1.12	1.09	1.10	1.10	1.20	ppb
Vanadium	51-2	3.24	3.22	3.36	3.27	2.32	ppb
Yttrium	89-1				121		%
Yttrium	89-2				114		%
Zinc	66-2	22.90	23.23	22.74	22.96	1.07	ppb
Zirconium	90-1	0.05	0.04	0.04	0.04	9.34	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	J3922-12	Instrumnet Name :	P7
Client Sample ID :	DUP-0495-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 16:30:10	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.05	0.03	0.04	29.34	ppb

LB Number : LB97278 Operator : Jaswal
 Lab Sample ID : J3922-09RE Instrumnet Name : P7
 Client Sample ID : SS037MW202-180709RE Dilution Factor : 1
 Date & Time Acquired :: 2018-08-13 16:33:48 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.27	4.93	3.14	3.45	39.28	ppb
Antimony	121-1	1.38	1.35	1.37	1.36	1.05	ppb
Arsenic	75-2	87.16	88.63	86.19	87.33	1.41	ppb
Barium	135-1	421.42	413.83	408.77	414.68	1.53	ppb
Barium	137-1	416.56	406.29	408.59	410.48	1.31	ppb
Beryllium	9-1	0.03	0.04	0.03	0.04	12.56	ppb
Bismuth	209-1				111		%
Bismuth	209-2				104		%
Boron	10-1	174.15	175.17	180.09	176.47	1.80	ppb
Boron	11-1	186.27	188.16	191.75	188.73	1.47	ppb
Cadmium	111-1	-0.25	-0.19	-0.33	-0.25		ppb
Cadmium	106-1	-3.33	-2.73	-4.44	-3.50		ppb
Cadmium	108-1	0.12	-0.03	0.04	0.04	164.96	ppb
Calcium	43-1	83639.18	81050.12	81490.04	82059.78	1.69	ppb
Calcium	44-1	83777.66	81338.71	81606.79	82241.05	1.63	ppb
Chromium	52-2	1.30	1.28	1.34	1.30	2.26	ppb
Cobalt	59-2	2.06	2.06	2.02	2.05	1.13	ppb
Copper	63-2	1.19	1.30	1.21	1.23	4.63	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				119		%
Holmium	165-2				111		%
Indium	115-1				120		%
Indium	115-2				106		%
Iron	56-2	9476.87	9413.35	9466.72	9452.31	0.36	ppb
Iron	57-2	9573.02	9571.89	9596.83	9580.58	0.15	ppb
Lead	206-1	0.19	0.21	0.19	0.20	6.62	ppb
Lead	207-1	0.18	0.19	0.17	0.18	6.82	ppb
Lead	208-1	0.19	0.20	0.19	0.19	3.98	ppb
Lithium	6-1				90		%
Magnesium	24-2	12710.82	12626.27	12563.56	12633.55	0.58	ppb
Manganese	55-2	1942.74	1934.33	1941.82	1939.63	0.24	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	J3922-09RE	Instrumnet Name :	P7
Client Sample ID :	SS037MW202-180709RE	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 16:33:48	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.07	2.04	2.05	2.05	0.90	ppb
Molybdenum	95-1	2.88	2.90	2.81	2.86	1.68	ppb
Molybdenum	96-1	2.76	2.76	2.80	2.77	0.96	ppb
Molybdenum	97-1	2.74	2.80	2.82	2.79	1.45	ppb
Molybdenum	98-1	2.80	2.73	2.83	2.79	1.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.32	2.30	2.38	2.33	1.62	ppb
Phosphorus	31-2	39.51	29.02	35.92	34.82	15.31	ppb
Potassium	39-2	1964.66	1945.47	1962.97	1957.70	0.54	ppb
Rhodium	103-1				111		%
Rhodium	103-2				103		%
Scandium	45-1				110		%
Scandium	45-2				102		%
Selenium	77-2	1.87	1.65	1.08	1.53	26.72	ppb
Selenium	78-2	0.52	0.85	0.04	0.47	86.11	ppb
Selenium	82-1	1.07	1.30	0.55	0.97	39.49	ppb
Silicon	28-1	9697.34	9501.53	9338.41	9512.43	1.89	ppb
Silver	109-1	0.30	0.26	0.28	0.28	5.66	ppb
Silver	107-1	0.31	0.30	0.28	0.30	4.10	ppb
Sodium	23-2	48241.33	48104.94	47915.27	48087.18	0.34	ppb
Strontium	86-1	578.36	566.56	571.82	572.25	1.03	ppb
Strontium	88-1	581.76	573.70	574.92	576.79	0.75	ppb
Sulfur	34-1	-1398.98	-1667.25	-1736.46	-1600.89		ppb
Terbium	159-1				118		%
Terbium	159-2				110		%
Thallium	203-1	0.02	0.01	0.03	0.02	34.18	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	14.29	ppb
Tin	118-1	2.64	2.64	2.66	2.65	0.49	ppb
Titanium	47-1	1.97	2.03	1.99	2.00	1.39	ppb
Uranium	238-1	0.04	0.03	0.04	0.04	10.90	ppb
Vanadium	51-2	0.61	0.65	0.62	0.63	3.30	ppb
Yttrium	89-1				114		%
Yttrium	89-2				104		%
Zinc	66-2	6.03	5.80	5.51	5.78	4.51	ppb
Zirconium	90-1	0.10	0.10	0.09	0.10	5.80	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	J3922-09RE	Instrumnet Name :	P7
Client Sample ID :	SS037MW202-180709RE	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 16:33:48	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.16	0.10	0.14	0.13	21.04	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	J3922-12RE	Instrumnet Name :	P7
Client Sample ID :	DUP-0495-180709RE	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 16:56:03	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.80	4.41	4.75	4.65	4.57	ppb
Antimony	121-1	1.08	0.83	0.76	0.89	19.33	ppb
Arsenic	75-2	12.17	11.95	11.67	11.93	2.09	ppb
Barium	135-1	315.44	308.49	315.48	313.14	1.28	ppb
Barium	137-1	312.89	310.11	312.80	311.93	0.51	ppb
Beryllium	9-1	0.01	0.00	0.01	0.01	115.93	ppb
Bismuth	209-1				117		%
Bismuth	209-2				109		%
Boron	10-1	223.43	226.19	234.26	227.96	2.47	ppb
Boron	11-1	231.73	236.54	243.86	237.38	2.57	ppb
Cadmium	111-1	-0.46	-0.33	-0.38	-0.39		ppb
Cadmium	106-1	-6.16	-4.41	-5.01	-5.19		ppb
Cadmium	108-1	0.04	0.03	0.08	0.05	56.47	ppb
Calcium	43-1	99546.31	98509.08	99578.56	99211.31	0.61	ppb
Calcium	44-1	99282.32	99282.25	100126.86	99563.81	0.49	ppb
Chromium	52-2	0.74	0.75	0.71	0.73	2.66	ppb
Cobalt	59-2	0.85	0.87	0.90	0.87	2.85	ppb
Copper	63-2	1.00	1.00	1.02	1.00	1.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				122		%
Holmium	165-2				114		%
Indium	115-1				116		%
Indium	115-2				105		%
Iron	56-2	1820.18	1811.77	1815.97	1815.97	0.23	ppb
Iron	57-2	2005.66	2012.93	2020.19	2012.93	0.36	ppb
Lead	206-1	0.37	0.36	0.34	0.36	3.97	ppb
Lead	207-1	0.33	0.33	0.32	0.33	2.06	ppb
Lead	208-1	0.35	0.35	0.33	0.35	2.73	ppb
Lithium	6-1				90		%
Magnesium	24-2	12762.87	12894.61	12796.46	12817.98	0.53	ppb
Manganese	55-2	553.38	550.30	551.84	551.84	0.28	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	J3922-12RE	Instrumnet Name :	P7
Client Sample ID :	DUP-0495-180709RE	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 16:56:03	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.10	0.96	0.99	1.01	7.28	ppb
Molybdenum	95-1	1.53	1.42	1.43	1.46	4.07	ppb
Molybdenum	96-1	1.40	1.39	1.45	1.41	2.16	ppb
Molybdenum	97-1	1.41	1.45	1.50	1.45	3.02	ppb
Molybdenum	98-1	1.41	1.47	1.39	1.42	2.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.97	2.95	2.94	2.95	0.67	ppb
Phosphorus	31-2	-12.08	-3.93	-8.76	-8.26		ppb
Potassium	39-2	2099.79	2089.33	2107.22	2098.78	0.43	ppb
Rhodium	103-1				109		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				99		%
Selenium	77-2	1.64	1.93	1.09	1.56	27.45	ppb
Selenium	78-2	0.76	-0.14	1.02	0.55	110.89	ppb
Selenium	82-1	1.01	1.45	1.37	1.28	18.42	ppb
Silicon	28-1	8470.15	8337.00	8440.91	8416.02	0.83	ppb
Silver	109-1	0.21	0.21	0.18	0.20	9.88	ppb
Silver	107-1	0.22	0.20	0.21	0.21	6.40	ppb
Sodium	23-2	43408.00	43738.14	43874.11	43673.41	0.55	ppb
Strontium	86-1	603.28	602.98	606.86	604.37	0.36	ppb
Strontium	88-1	614.18	610.80	614.16	613.05	0.32	ppb
Sulfur	34-1	6215.74	5802.86	5825.90	5948.17	3.90	ppb
Terbium	159-1				120		%
Terbium	159-2				112		%
Thallium	203-1	0.06	0.05	0.04	0.05	16.11	ppb
Thallium	205-1	0.06	0.05	0.04	0.05	18.90	ppb
Tin	118-1	0.83	0.90	0.92	0.88	5.36	ppb
Titanium	47-1	0.86	0.75	0.91	0.84	10.16	ppb
Uranium	238-1	1.10	1.08	1.12	1.10	1.96	ppb
Vanadium	51-2	3.28	3.21	3.20	3.23	1.28	ppb
Yttrium	89-1				111		%
Yttrium	89-2				102		%
Zinc	66-2	13.77	14.35	14.51	14.21	2.73	ppb
Zirconium	90-1	0.02	0.03	0.02	0.03	24.20	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	J3922-12RE	Instrumnet Name :	P7
Client Sample ID :	DUP-0495-180709RE	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 16:56:03	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.05	0.04	0.04	35.84	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	CCV60	Instrumnet Name :	P7
Client Sample ID :	CCV60	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 16:59:41	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52038.80	51327.79	51788.79	51718.46	0.70	ppb
Antimony	121-1	458.18	461.69	461.85	460.57	0.45	ppb
Arsenic	75-2	489.70	484.31	485.51	486.51	0.58	ppb
Barium	135-1	2453.53	2424.02	2428.69	2435.41	0.65	ppb
Barium	137-1	2446.75	2423.02	2417.64	2429.13	0.64	ppb
Beryllium	9-1	516.40	515.99	512.55	514.98	0.41	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Boron	10-1	522.31	523.83	532.00	526.05	0.99	ppb
Boron	11-1	522.34	528.92	534.86	528.71	1.18	ppb
Cadmium	111-1	452.08	452.07	452.18	452.11	0.01	ppb
Cadmium	106-1	451.25	455.64	461.44	456.11	1.12	ppb
Cadmium	108-1	455.23	451.64	453.85	453.58	0.40	ppb
Calcium	43-1	245110.44	243899.83	243176.84	244062.37	0.40	ppb
Calcium	44-1	245640.20	244131.56	244860.27	244877.34	0.31	ppb
Chromium	52-2	512.88	502.39	501.33	505.53	1.26	ppb
Cobalt	59-2	493.92	484.18	485.43	487.84	1.09	ppb
Copper	63-2	962.34	939.06	942.11	947.84	1.34	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				122		%
Holmium	165-2				120		%
Indium	115-1				109		%
Indium	115-2				109		%
Iron	56-2	131189.73	127457.63	128594.92	129080.76	1.48	ppb
Iron	57-2	131757.74	128613.92	129105.53	129825.73	1.30	ppb
Lead	206-1	517.38	520.16	521.74	519.76	0.42	ppb
Lead	207-1	507.82	510.06	510.65	509.51	0.29	ppb
Lead	208-1	511.83	512.98	513.38	512.73	0.16	ppb
Lithium	6-1				89		%
Magnesium	24-2	253972.39	247422.67	249622.05	250339.04	1.33	ppb
Manganese	55-2	993.36	970.71	978.07	980.71	1.18	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	CCV60	Instrumnet Name :	P7
Client Sample ID :	CCV60	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 16:59:41	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2531.68	2506.33	2531.99	2523.33	0.58	ppb
Molybdenum	95-1	2555.18	2519.44	2543.28	2539.30	0.72	ppb
Molybdenum	96-1	2578.83	2519.27	2532.91	2543.67	1.23	ppb
Molybdenum	97-1	2554.87	2519.35	2511.68	2528.63	0.91	ppb
Molybdenum	98-1	2530.74	2527.59	2525.55	2527.96	0.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	501.66	489.82	492.41	494.63	1.26	ppb
Phosphorus	31-2	9715.32	9317.99	9498.72	9510.68	2.09	ppb
Potassium	39-2	125465.15	122641.22	123884.69	123997.02	1.14	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				108		%
Scandium	45-2				112		%
Selenium	77-2	466.98	439.90	467.89	458.26	3.47	ppb
Selenium	78-2	467.84	464.20	463.41	465.15	0.51	ppb
Selenium	82-1	460.03	463.22	464.30	462.52	0.48	ppb
Silicon	28-1	499.51	508.40	514.97	507.63	1.53	ppb
Silver	109-1	453.81	449.54	449.15	450.83	0.57	ppb
Silver	107-1	456.17	452.09	456.52	454.93	0.54	ppb
Sodium	23-2	256336.58	251385.65	254172.87	253965.03	0.98	ppb
Strontium	86-1	494.79	493.01	500.07	495.96	0.74	ppb
Strontium	88-1	501.76	499.34	504.15	501.75	0.48	ppb
Sulfur	34-1	10094.29	9983.48	9747.74	9941.83	1.78	ppb
Terbium	159-1				120		%
Terbium	159-2				117		%
Thallium	203-1	512.02	511.78	511.46	511.75	0.06	ppb
Thallium	205-1	518.61	518.91	517.55	518.36	0.14	ppb
Tin	118-1	467.95	472.05	475.75	471.92	0.83	ppb
Titanium	47-1	2495.62	2505.14	2498.22	2499.66	0.20	ppb
Uranium	238-1	492.44	485.47	486.81	488.24	0.76	ppb
Vanadium	51-2	503.50	489.02	492.40	494.97	1.53	ppb
Yttrium	89-1				113		%
Yttrium	89-2				114		%
Zinc	66-2	944.97	920.00	921.66	928.88	1.50	ppb
Zirconium	90-1	511.32	504.50	505.21	507.01	0.74	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	CCV60	Instrumnet Name :	P7
Client Sample ID :	CCV60	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 16:59:41	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	505.64	500.73	502.91	503.09	0.49	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	CCB60	Instrumnet Name :	P7
Client Sample ID :	CCB60	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 17:03:23	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.39	0.84	1.27	0.83	52.72	ppb
Antimony	121-1	0.30	0.29	0.29	0.29	1.81	ppb
Arsenic	75-2	0.02	0.01	0.03	0.02	64.07	ppb
Barium	135-1	0.19	0.13	0.08	0.13	43.88	ppb
Barium	137-1	0.16	0.12	0.08	0.12	35.27	ppb
Beryllium	9-1	0.06	0.05	0.04	0.05	15.00	ppb
Bismuth	209-1				121		%
Bismuth	209-2				117		%
Boron	10-1	18.50	16.15	14.83	16.49	11.27	ppb
Boron	11-1	18.46	16.68	15.21	16.78	9.71	ppb
Cadmium	111-1	0.03	-0.11	-0.19	-0.09		ppb
Cadmium	106-1	-0.55	-2.09	-3.12	-1.92		ppb
Cadmium	108-1	0.17	0.13	0.12	0.14	17.71	ppb
Calcium	43-1	21.10	14.97	5.85	13.97	54.91	ppb
Calcium	44-1	27.32	21.28	15.74	21.45	27.00	ppb
Chromium	52-2	0.01	0.02	0.02	0.02	21.20	ppb
Cobalt	59-2	0.01	0.00	0.01	0.01	26.71	ppb
Copper	63-2	0.14	0.12	0.12	0.13	10.58	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				126		%
Holmium	165-2				122		%
Indium	115-1				120		%
Indium	115-2				117		%
Iron	56-2	5.00	4.45	4.54	4.67	6.33	ppb
Iron	57-2	4.33	4.02	5.07	4.47	12.08	ppb
Lead	206-1	0.07	0.06	0.05	0.06	12.22	ppb
Lead	207-1	0.06	0.06	0.06	0.06	3.83	ppb
Lead	208-1	0.07	0.06	0.06	0.06	9.75	ppb
Lithium	6-1				98		%
Magnesium	24-2	8.58	6.87	6.61	7.35	14.54	ppb
Manganese	55-2	0.02	0.03	0.03	0.03	9.56	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	CCB60	Instrumnet Name :	P7
Client Sample ID :	CCB60	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 17:03:23	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.77	0.69	0.62	0.70	10.88	ppb
Molybdenum	95-1	1.07	0.85	0.79	0.90	16.22	ppb
Molybdenum	96-1	1.03	0.81	0.73	0.86	18.39	ppb
Molybdenum	97-1	0.99	0.87	0.74	0.86	14.09	ppb
Molybdenum	98-1	0.99	0.87	0.75	0.87	14.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.02	0.02	0.02	20.02	ppb
Phosphorus	31-2	-18.57	-30.68	-3.20	-17.48		ppb
Potassium	39-2	7.91	12.31	8.02	9.42	26.63	ppb
Rhodium	103-1				119		%
Rhodium	103-2				116		%
Scandium	45-1				115		%
Scandium	45-2				113		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.39	-0.05	0.40	0.25	102.93	ppb
Selenium	82-1	0.04	-0.45	0.51	0.03	1599.70	ppb
Silicon	28-1	-2.86	-4.13	-4.23	-3.74		ppb
Silver	109-1	0.08	0.07	0.05	0.06	23.25	ppb
Silver	107-1	0.08	0.06	0.06	0.07	13.67	ppb
Sodium	23-2	32.20	30.64	28.93	30.59	5.35	ppb
Strontium	86-1	0.06	0.03	0.05	0.05	30.37	ppb
Strontium	88-1	0.04	0.03	0.02	0.03	34.40	ppb
Sulfur	34-1	-1434.86	-1555.36	-1569.33	-1519.85		ppb
Terbium	159-1				125		%
Terbium	159-2				120		%
Thallium	203-1	0.18	0.14	0.13	0.15	17.33	ppb
Thallium	205-1	0.18	0.16	0.14	0.16	15.41	ppb
Tin	118-1	0.00	-0.06	-0.06	-0.04		ppb
Titanium	47-1	0.22	0.20	0.15	0.19	19.51	ppb
Uranium	238-1	0.04	0.02	0.02	0.03	33.52	ppb
Vanadium	51-2	0.02	0.02	0.02	0.02	18.68	ppb
Yttrium	89-1				118		%
Yttrium	89-2				117		%
Zinc	66-2	-0.96	-1.24	-1.32	-1.17		ppb
Zirconium	90-1	0.08	0.06	0.06	0.07	17.90	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	CCB60	Instrumnet Name :	P7
Client Sample ID :	CCB60	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 17:03:23	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.04	0.05	0.05	26.34	ppb

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 15:03:35	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	117	150	117	28.57	cps
Antimony	121-1	108	125	142	125	13.33	cps
Arsenic	75-2	11	15	13	13	14.27	cps
Barium	135-1	50	25	50	42	34.64	cps
Barium	137-1	58	50	83	64	27.15	cps
Beryllium	9-1	56	44	67	56	20.00	cps
Bismuth	209-1	12453371	12567329	12521406	12514035	0.46	cps
Bismuth	209-2	7742220	7714107	7675289	7710539	0.44	cps
Boron	10-1	600	417	483	500	18.56	cps
Boron	11-1	2392	2259	2167	2272	4.98	cps
Cadmium	111-1	4840	5322	5079	5081	4.75	cps
Cadmium	106-1	6919	7602	7277	7266	4.71	cps
Cadmium	108-1	4	17	21	14	62.43	cps
Calcium	43-1	267	233	308	269	13.95	cps
Calcium	44-1	12514	12331	12581	12475	1.04	cps
Chromium	52-2	577	750	683	670	13.05	cps
Cobalt	59-2	93	97	80	90	9.80	cps
Copper	63-2	880	840	840	853	2.71	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	10	3	7	7	50.03	cps
Erbium	164-1	42	67	50	53	24.12	cps
Erbium	164-2	43	23	17	28	49.95	cps
Gadolinium	160-1	142	133	158	144	8.81	cps
Gadolinium	160-2	283	247	227	252	11.39	cps
Holmium	165-1	18944828	19195342	18966243	19035471	0.73	cps
Holmium	165-2	10307750	10323365	10342053	10324390	0.17	cps
Indium	115-1	15904292	16123676	15847579	15958516	0.91	cps
Indium	115-2	3403337	3401156	3397939	3400811	0.08	cps
Iron	56-2	5557	5679	5757	5664	1.78	cps
Iron	57-2	222	306	306	278	17.32	cps
Lead	206-1	378	422	411	404	5.73	cps
Lead	207-1	428	328	328	361	15.99	cps
Lead	208-1	1578	1561	1622	1587	1.99	cps
Lithium	6-1	5630723	5659831	5657680	5649412	0.29	cps
Magnesium	24-2	117	100	217	144	43.69	cps
Manganese	55-2	97	103	97	99	3.89	cps

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 15:03:35	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	500	517	500	506	1.90	cps
Molybdenum	95-1	75	75	125	92	31.50	cps
Molybdenum	96-1	275	225	200	233	16.37	cps
Molybdenum	97-1	125	92	58	92	36.36	cps
Molybdenum	98-1	175	175	208	186	10.34	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	57	53	63	58	8.81	cps
Phosphorus	31-2	525	567	583	558	5.38	cps
Potassium	39-2	29831	30641	31000	30491	1.96	cps
Rhodium	103-1	14889357	15034601	14839656	14921205	0.68	cps
Rhodium	103-2	7643386	7601230	7616717	7620444	0.28	cps
Scandium	45-1	10505693	10523611	10500219	10509841	0.12	cps
Scandium	45-2	493017	488598	491667	491094	0.46	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	81	65	83	77	13.32	cps
Selenium	82-1	-101	24	38	-13	-572.09	cps
Silicon	28-1	362555	365382	361012	362983	0.61	cps
Silver	109-1	50	125	25	67	78.07	cps
Silver	107-1	92	83	142	106	29.89	cps
Sodium	23-2	10721	11146	10646	10838	2.49	cps
Strontium	86-1	817	842	817	825	1.75	cps
Strontium	88-1	125	158	117	133	16.54	cps
Sulfur	34-1	555304	550964	547618	551296	0.70	cps
Terbium	159-1	19542176	19623442	19666965	19610861	0.32	cps
Terbium	159-2	10497351	10472415	10410582	10460116	0.43	cps
Thallium	203-1	167	192	83	147	38.53	cps
Thallium	205-1	283	408	325	339	18.78	cps
Tin	118-1	4393	5088	4276	4585	9.57	cps
Titanium	47-1	92	117	183	131	36.30	cps
Uranium	238-1	208	142	158	169	20.48	cps
Vanadium	51-2	3	3	17	8	99.04	cps
Yttrium	89-1	16234588	16512236	16329314	16358713	0.86	cps
Yttrium	89-2	2561589	2540205	2550636	2550810	0.42	cps
Zinc	66-2	3097	3190	3260	3183	2.58	cps
Zirconium	90-1	1258	1592	1467	1439	11.70	cps

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 15:03:35	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	300	267	292	286	6.06	cps

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 15:12:09	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2842	2717	2692	2750	2.92	cps
Antimony	121-1	23779	23921	23145	23615	1.75	cps
Arsenic	75-2	469	465	467	467	0.40	cps
Barium	135-1	28204	29533	28447	28728	2.46	cps
Barium	137-1	50166	50116	49807	50030	0.39	cps
Beryllium	9-1	3528	3662	3745	3645	3.00	cps
Bismuth	209-1	12634811	12673932	12483495	12597413	0.80	cps
Bismuth	209-2	7845174	7872485	7810840	7842833	0.39	cps
Boron	10-1	11571	12381	12305	12086	3.70	cps
Boron	11-1	57192	56841	60280	58104	3.26	cps
Cadmium	111-1	8001	8953	8160	8371	6.10	cps
Cadmium	106-1	7452	8328	7227	7669	7.58	cps
Cadmium	108-1	279	300	279	286	4.20	cps
Calcium	43-1	20048	20231	19597	19959	1.64	cps
Calcium	44-1	324785	326875	325326	325662	0.33	cps
Chromium	52-2	9770	9753	9517	9680	1.46	cps
Cobalt	59-2	7119	6918	7349	7129	3.02	cps
Copper	63-2	10874	10964	10814	10884	0.69	cps
Dysprosium	156-1	25	8	25	19	49.50	cps
Dysprosium	156-2	13	17	17	16	12.40	cps
Erbium	164-1	108	83	67	86	24.35	cps
Erbium	164-2	43	37	40	40	8.32	cps
Gadolinium	160-1	142	175	117	144	20.26	cps
Gadolinium	160-2	287	210	280	259	16.41	cps
Holmium	165-1	19501105	19423948	19255444	19393499	0.65	cps
Holmium	165-2	10504665	10505544	10547927	10519379	0.24	cps
Indium	115-1	16131251	16230571	16172548	16178123	0.31	cps
Indium	115-2	3434307	3451265	3472688	3452753	0.56	cps
Iron	56-2	189877	191177	190253	190436	0.35	cps
Iron	57-2	4957	4762	5001	4907	2.59	cps
Lead	206-1	10087	10182	9448	9906	4.03	cps
Lead	207-1	9415	9176	8475	9022	5.41	cps
Lead	208-1	41799	41532	39787	41039	2.66	cps
Lithium	6-1	5714279	5709061	5678307	5700549	0.34	cps
Magnesium	24-2	165588	166126	167037	166250	0.44	cps
Manganese	55-2	2607	2400	2674	2560	5.57	cps

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 15:12:09	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	25891	26475	26717	26361	1.61	cps
Molybdenum	95-1	30851	30692	30951	30832	0.42	cps
Molybdenum	96-1	33983	33925	33816	33908	0.25	cps
Molybdenum	97-1	19597	19239	19130	19322	1.27	cps
Molybdenum	98-1	50783	49010	50298	50030	1.83	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	2207	2107	2060	2125	3.53	cps
Phosphorus	31-2	642	567	550	586	8.33	cps
Potassium	39-2	181589	185747	184477	183938	1.16	cps
Rhodium	103-1	15245917	15233857	15196079	15225284	0.17	cps
Rhodium	103-2	7736047	7816171	7818856	7790358	0.60	cps
Scandium	45-1	10765503	10750012	10663507	10726340	0.51	cps
Scandium	45-2	504589	503441	506541	504857	0.31	cps
Selenium	77-2	107	70	77	84	23.13	cps
Selenium	78-2	328	320	313	320	2.31	cps
Selenium	82-1	1418	1182	1212	1271	10.10	cps
Silicon	28-1	501102	505081	499574	501919	0.57	cps
Silver	109-1	16452	16318	16260	16343	0.60	cps
Silver	107-1	16644	15943	16861	16482	2.91	cps
Sodium	23-2	326566	330177	329872	328872	0.61	cps
Strontium	86-1	5026	5001	5118	5048	1.22	cps
Strontium	88-1	36163	36155	35938	36085	0.35	cps
Sulfur	34-1	565168	565959	560813	563980	0.49	cps
Terbium	159-1	20035608	20150175	19887881	20024555	0.66	cps
Terbium	159-2	10659003	10729560	10672809	10687124	0.35	cps
Thallium	203-1	11964	12515	12573	12351	2.72	cps
Thallium	205-1	28766	27955	27229	27983	2.75	cps
Tin	118-1	54264	54122	54206	54197	0.13	cps
Titanium	47-1	8845	9145	9036	9009	1.69	cps
Uranium	238-1	42495	42203	42094	42264	0.49	cps
Vanadium	51-2	16276	16366	16850	16497	1.87	cps
Yttrium	89-1	16723875	16654176	16567631	16648561	0.47	cps
Yttrium	89-2	2604522	2632417	2640739	2625893	0.72	cps
Zinc	66-2	4117	4037	4034	4063	1.16	cps
Zirconium	90-1	22836	23320	23120	23092	1.05	cps

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 15:12:09	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4901	4801	5051	4918	2.56	cps

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 15:16:02	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	143442	141766	142078	142428	0.63	cps
Antimony	121-1	614546	605644	610699	610297	0.73	cps
Arsenic	75-2	23667	23449	23243	23453	0.91	cps
Barium	135-1	754228	743978	743839	747348	0.80	cps
Barium	137-1	1310609	1307527	1311706	1309947	0.17	cps
Beryllium	9-1	183654	184424	185679	184586	0.55	cps
Bismuth	209-1	12523306	12577351	12595722	12565460	0.30	cps
Bismuth	209-2	7817832	7829632	7697237	7781567	0.94	cps
Boron	10-1	25430	24588	26591	25536	3.94	cps
Boron	11-1	118168	119536	121132	119612	1.24	cps
Cadmium	111-1	183983	183046	182347	183125	0.45	cps
Cadmium	106-1	27194	26601	26826	26874	1.11	cps
Cadmium	108-1	13536	13202	13423	13387	1.27	cps
Calcium	43-1	209530	207662	204859	207350	1.13	cps
Calcium	44-1	3311139	3299980	3283680	3298266	0.42	cps
Chromium	52-2	216454	215210	215984	215883	0.29	cps
Cobalt	59-2	355193	349411	351272	351959	0.84	cps
Copper	63-2	508241	512461	505360	508688	0.70	cps
Dysprosium	156-1	0	33	42	25	88.19	cps
Dysprosium	156-2	17	17	10	14	26.66	cps
Erbium	164-1	50	50	25	42	34.64	cps
Erbium	164-2	37	23	47	36	32.93	cps
Gadolinium	160-1	183	192	175	183	4.55	cps
Gadolinium	160-2	283	287	293	288	1.77	cps
Holmium	165-1	19490718	19295454	19512784	19432985	0.62	cps
Holmium	165-2	10500241	10587029	10491340	10526204	0.50	cps
Indium	115-1	16038447	16040588	16149082	16076039	0.39	cps
Indium	115-2	3440561	3436892	3430719	3436058	0.14	cps
Iron	56-2	9142178	9080750	9110677	9111202	0.34	cps
Iron	57-2	226877	228727	227146	227583	0.44	cps
Lead	206-1	497173	490645	501843	496554	1.13	cps
Lead	207-1	458124	452826	456374	455775	0.59	cps
Lead	208-1	2028672	2024850	2029818	2027780	0.13	cps
Lithium	6-1	5674059	5671009	5718284	5687784	0.47	cps
Magnesium	24-2	1766061	1754143	1749815	1756673	0.48	cps
Manganese	55-2	258618	253292	256151	256020	1.04	cps

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 15:16:02	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1301885	1302445	1315492	1306607	0.59	cps
Molybdenum	95-1	1589933	1586893	1595038	1590621	0.26	cps
Molybdenum	96-1	1756520	1753276	1746993	1752263	0.28	cps
Molybdenum	97-1	988245	989958	988808	989004	0.09	cps
Molybdenum	98-1	2557925	2570450	2575436	2567937	0.35	cps
Neodymium	150-1	73	20	113	69	67.97	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	95056	95307	95955	95439	0.49	cps
Phosphorus	31-2	8586	8920	8761	8756	1.91	cps
Potassium	39-2	822401	818999	820914	820771	0.21	cps
Rhodium	103-1	15030334	15046820	15150388	15075847	0.43	cps
Rhodium	103-2	7723281	7692556	7677851	7697896	0.30	cps
Scandium	45-1	10671689	10635708	10625181	10644193	0.23	cps
Scandium	45-2	499578	495099	503279	499318	0.82	cps
Selenium	77-2	620	653	627	633	2.79	cps
Selenium	78-2	2302	2176	2232	2237	2.82	cps
Selenium	82-1	13170	12920	13171	13087	1.11	cps
Silicon	28-1	919139	922927	936718	926261	1.00	cps
Silver	109-1	825259	814870	813349	817826	0.79	cps
Silver	107-1	844014	839375	846288	843226	0.42	cps
Sodium	23-2	3311664	3278712	3265103	3285159	0.73	cps
Strontium	86-1	205585	208465	210208	208086	1.12	cps
Strontium	88-1	1768928	1780279	1781475	1776894	0.39	cps
Sulfur	34-1	635256	632161	629315	632244	0.47	cps
Terbium	159-1	19891910	19805593	20012221	19903242	0.52	cps
Terbium	159-2	10773736	10585922	10627234	10662297	0.93	cps
Thallium	203-1	609291	614408	609997	611232	0.45	cps
Thallium	205-1	1428048	1420279	1425128	1424485	0.28	cps
Tin	118-1	522877	522545	530083	525169	0.81	cps
Titanium	47-1	471846	469011	469822	470226	0.31	cps
Uranium	238-1	2204163	2179646	2201988	2195265	0.62	cps
Vanadium	51-2	171062	168530	167913	169168	0.99	cps
Yttrium	89-1	16611205	16498286	16590979	16566823	0.36	cps
Yttrium	89-2	2604534	2607339	2617631	2609835	0.26	cps
Zinc	66-2	78955	77628	77226	77936	1.16	cps
Zirconium	90-1	1085743	1081037	1082275	1083018	0.23	cps

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 15:16:02	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	241886	236989	239166	239347	1.03	cps

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 15:20:13	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	360274	361485	362565	361441	0.32	cps
Antimony	121-1	1540669	1555260	1545324	1547084	0.48	cps
Arsenic	75-2	59569	59071	59891	59511	0.69	cps
Barium	135-1	1879633	1891064	1892033	1887577	0.37	cps
Barium	137-1	3278380	3290302	3244194	3270959	0.73	cps
Beryllium	9-1	458493	458339	459273	458702	0.11	cps
Bismuth	209-1	12800118	12723356	12744769	12756081	0.31	cps
Bismuth	209-2	7883704	7882200	7979258	7915054	0.70	cps
Boron	10-1	60689	62631	64957	62759	3.40	cps
Boron	11-1	290550	295423	296660	294211	1.10	cps
Cadmium	111-1	448796	451879	451355	450677	0.37	cps
Cadmium	106-1	56580	57049	55878	56502	1.04	cps
Cadmium	108-1	33072	34012	34734	33939	2.46	cps
Calcium	43-1	519881	521176	520625	520560	0.12	cps
Calcium	44-1	8366998	8308642	8298309	8324650	0.44	cps
Chromium	52-2	548993	549710	552758	550487	0.36	cps
Cobalt	59-2	886209	890222	895649	890693	0.53	cps
Copper	63-2	1277015	1283131	1291700	1283948	0.57	cps
Dysprosium	156-1	92	33	50	58	51.51	cps
Dysprosium	156-2	30	47	30	36	27.07	cps
Erbium	164-1	50	117	58	75	48.43	cps
Erbium	164-2	23	33	27	28	18.33	cps
Gadolinium	160-1	217	208	317	247	24.38	cps
Gadolinium	160-2	253	307	280	280	9.52	cps
Holmium	165-1	19829225	19812128	19728623	19789992	0.27	cps
Holmium	165-2	10784057	10779666	10785859	10783194	0.03	cps
Indium	115-1	16458944	16463395	16393112	16438484	0.24	cps
Indium	115-2	3506390	3526196	3537199	3523262	0.44	cps
Iron	56-2	23056976	23333939	23381762	23257559	0.75	cps
Iron	57-2	573627	580373	579731	577910	0.64	cps
Lead	206-1	1255283	1251465	1243133	1249960	0.50	cps
Lead	207-1	1142666	1142533	1145485	1143561	0.15	cps
Lead	208-1	5085830	5080503	5094592	5086975	0.14	cps
Lithium	6-1	5622186	5666946	5650277	5646470	0.40	cps
Magnesium	24-2	4391742	4382784	4452248	4408924	0.86	cps
Manganese	55-2	647479	650253	656913	651548	0.74	cps

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 15:20:13	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3256779	3305178	3287540	3283166	0.75	cps
Molybdenum	95-1	3985544	4011850	4011900	4003098	0.38	cps
Molybdenum	96-1	4415572	4405117	4419692	4413460	0.17	cps
Molybdenum	97-1	2500239	2484797	2503202	2496079	0.40	cps
Molybdenum	98-1	6486346	6405454	6507471	6466423	0.83	cps
Neodymium	150-1	160	113	93	122	27.99	cps
Neodymium	150-2	30	17	17	21	36.45	cps
Nickel	60-2	240100	241477	242213	241263	0.44	cps
Phosphorus	31-2	21399	21266	21925	21530	1.62	cps
Potassium	39-2	2014469	2042038	2040460	2032322	0.76	cps
Rhodium	103-1	15280666	15278534	15342385	15300528	0.24	cps
Rhodium	103-2	7805382	7799189	7828046	7810872	0.19	cps
Scandium	45-1	10857981	10818274	10829954	10835403	0.19	cps
Scandium	45-2	505058	508378	511678	508371	0.65	cps
Selenium	77-2	1603	1533	1643	1593	3.49	cps
Selenium	78-2	5714	5442	5584	5580	2.44	cps
Selenium	82-1	32682	32730	33241	32884	0.94	cps
Silicon	28-1	1761072	1786767	1782309	1776716	0.77	cps
Silver	109-1	2024412	2039814	2033792	2032673	0.38	cps
Silver	107-1	2121446	2110011	2110652	2114036	0.30	cps
Sodium	23-2	8195609	8243272	8308432	8249104	0.69	cps
Strontium	86-1	523726	517923	525233	522294	0.74	cps
Strontium	88-1	4487005	4495374	4467996	4483459	0.31	cps
Sulfur	34-1	742965	736029	738923	739306	0.47	cps
Terbium	159-1	20466944	20400548	20423638	20430377	0.16	cps
Terbium	159-2	10865435	10874967	11026115	10922172	0.83	cps
Thallium	203-1	1531120	1567531	1541792	1546814	1.21	cps
Thallium	205-1	3579405	3611791	3590329	3593842	0.46	cps
Tin	118-1	1323169	1336112	1334528	1331270	0.53	cps
Titanium	47-1	1177791	1185781	1191838	1185136	0.59	cps
Uranium	238-1	5516166	5553047	5551357	5540190	0.38	cps
Vanadium	51-2	433520	435210	436979	435236	0.40	cps
Yttrium	89-1	16954969	16917021	16797407	16889799	0.49	cps
Yttrium	89-2	2679038	2681189	2679760	2679995	0.04	cps
Zinc	66-2	192885	196794	195834	195171	1.04	cps
Zirconium	90-1	2743624	2748800	2721480	2737968	0.53	cps

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 15:20:13	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	611404	614163	612320	612629	0.23	cps

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 15:23:59	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	711994	720492	717240	716575	0.60	cps
Antimony	121-1	3070223	3058313	3009845	3046127	1.05	cps
Arsenic	75-2	118993	118536	119711	119080	0.50	cps
Barium	135-1	3723097	3729886	3664937	3705973	0.96	cps
Barium	137-1	6548509	6599611	6458656	6535592	1.09	cps
Beryllium	9-1	875221	881953	858697	871957	1.37	cps
Bismuth	209-1	12661282	12680539	12415061	12585627	1.18	cps
Bismuth	209-2	7942031	7860473	7837400	7879968	0.70	cps
Boron	10-1	120048	121375	121134	120853	0.59	cps
Boron	11-1	557687	564979	562154	561606	0.65	cps
Cadmium	111-1	875871	884412	864581	874955	1.14	cps
Cadmium	106-1	100984	104810	101069	102288	2.14	cps
Cadmium	108-1	66204	66627	66259	66363	0.35	cps
Calcium	43-1	1006992	1026133	1006397	1013174	1.11	cps
Calcium	44-1	16289922	16403295	16161655	16284957	0.74	cps
Chromium	52-2	1081850	1090616	1098696	1090387	0.77	cps
Cobalt	59-2	1762093	1770803	1776931	1769942	0.42	cps
Copper	63-2	2526115	2539018	2538162	2534432	0.28	cps
Dysprosium	156-1	58	75	67	67	12.49	cps
Dysprosium	156-2	80	37	63	60	36.43	cps
Erbium	164-1	58	67	42	56	22.91	cps
Erbium	164-2	30	30	37	32	11.95	cps
Gadolinium	160-1	142	158	175	158	10.53	cps
Gadolinium	160-2	260	230	237	242	6.50	cps
Holmium	165-1	19862364	20217065	19402781	19827403	2.06	cps
Holmium	165-2	10919287	10892110	10884794	10898730	0.17	cps
Indium	115-1	16247719	16423400	16059730	16243617	1.12	cps
Indium	115-2	3500473	3501869	3511384	3504575	0.17	cps
Iron	56-2	46239851	46489137	46524602	46417864	0.33	cps
Iron	57-2	1146431	1150313	1155520	1150754	0.40	cps
Lead	206-1	2448080	2458773	2402418	2436423	1.23	cps
Lead	207-1	2268677	2255129	2229286	2251030	0.89	cps
Lead	208-1	10099628	10128191	9901697	10043172	1.23	cps
Lithium	6-1	5530990	5573647	5414713	5506450	1.49	cps
Magnesium	24-2	8702554	8712773	8734882	8716736	0.19	cps
Manganese	55-2	1292833	1292084	1301512	1295476	0.40	cps

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 15:23:59	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6547694	6564901	6506632	6539742	0.46	cps
Molybdenum	95-1	8010702	7986404	7938893	7978666	0.46	cps
Molybdenum	96-1	8790769	8868714	8708917	8789467	0.91	cps
Molybdenum	97-1	4940828	4999939	4921519	4954095	0.82	cps
Molybdenum	98-1	12771541	12979251	12740627	12830473	1.01	cps
Neodymium	150-1	353	280	287	307	13.22	cps
Neodymium	150-2	13	33	27	24	41.66	cps
Nickel	60-2	470768	473964	480109	474947	1.00	cps
Phosphorus	31-2	42060	41075	42052	41729	1.36	cps
Potassium	39-2	3981909	4014865	4017944	4004906	0.50	cps
Rhodium	103-1	14958432	15252834	14913118	15041461	1.23	cps
Rhodium	103-2	7749596	7763054	7797098	7769916	0.32	cps
Scandium	45-1	10567822	10731127	10593909	10630953	0.83	cps
Scandium	45-2	508427	512144	515606	512059	0.70	cps
Selenium	77-2	3337	3277	3384	3333	1.60	cps
Selenium	78-2	10760	11025	11012	10932	1.37	cps
Selenium	82-1	64564	64271	64473	64436	0.23	cps
Silicon	28-1	2759887	2801916	2779873	2780558	0.76	cps
Silver	109-1	3993387	4046019	3924444	3987950	1.53	cps
Silver	107-1	4127862	4143633	4076757	4116084	0.85	cps
Sodium	23-2	16304115	16295988	16419146	16339750	0.42	cps
Strontium	86-1	1031673	1037096	1054432	1041067	1.14	cps
Strontium	88-1	8944407	9004779	8961533	8970240	0.35	cps
Sulfur	34-1	883053	892516	874940	883503	1.00	cps
Terbium	159-1	20419856	20707954	20251690	20459833	1.13	cps
Terbium	159-2	10972464	11016800	10982412	10990559	0.21	cps
Thallium	203-1	3015425	3064442	2978103	3019323	1.43	cps
Thallium	205-1	7127207	7213692	6994187	7111695	1.55	cps
Tin	118-1	2607658	2608904	2559151	2591904	1.09	cps
Titanium	47-1	2314635	2345972	2307655	2322754	0.88	cps
Uranium	238-1	11135580	11062069	10844502	11014050	1.37	cps
Vanadium	51-2	865535	872157	872020	869904	0.44	cps
Yttrium	89-1	16876457	17124464	16895120	16965347	0.81	cps
Yttrium	89-2	2674956	2686295	2705940	2689064	0.58	cps
Zinc	66-2	379649	378909	383979	380846	0.72	cps
Zirconium	90-1	5459259	5515671	5453361	5476097	0.63	cps

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 15:23:59	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1207565	1214237	1211654	1211152	0.28	cps

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 15:27:44	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1436079	1438162	1438402	1437548	0.09	cps
Antimony	121-1	6253363	6263766	6304811	6273980	0.43	cps
Arsenic	75-2	239344	238321	240399	239355	0.43	cps
Barium	135-1	7602586	7657441	7635054	7631694	0.36	cps
Barium	137-1	13266007	13465037	13398013	13376352	0.76	cps
Beryllium	9-1	1706806	1722172	1694601	1707860	0.81	cps
Bismuth	209-1	12712996	12770929	12782413	12755446	0.29	cps
Bismuth	209-2	7843472	7747218	7875439	7822043	0.85	cps
Boron	10-1	235398	241698	239703	238933	1.35	cps
Boron	11-1	1100445	1134825	1139165	1124812	1.89	cps
Cadmium	111-1	1736905	1777614	1757845	1757455	1.16	cps
Cadmium	106-1	201169	202544	204025	202579	0.71	cps
Cadmium	108-1	133378	131255	134770	133135	1.33	cps
Calcium	43-1	2052045	2069240	2062398	2061227	0.42	cps
Calcium	44-1	33175060	33315554	33237841	33242818	0.21	cps
Chromium	52-2	2182783	2172152	2192767	2182567	0.47	cps
Cobalt	59-2	3551158	3542235	3525610	3539667	0.37	cps
Copper	63-2	5071761	5071236	5095251	5079416	0.27	cps
Dysprosium	156-1	142	167	125	144	14.52	cps
Dysprosium	156-2	110	127	90	109	16.86	cps
Erbium	164-1	58	50	50	53	9.12	cps
Erbium	164-2	17	23	53	31	62.77	cps
Gadolinium	160-1	200	142	242	194	25.83	cps
Gadolinium	160-2	310	283	253	282	10.05	cps
Holmium	165-1	20459602	20433345	20579829	20490925	0.38	cps
Holmium	165-2	11056595	11026699	11068542	11050612	0.20	cps
Indium	115-1	16427626	16647058	16458668	16511117	0.72	cps
Indium	115-2	3512284	3525268	3547298	3528283	0.50	cps
Iron	56-2	93132463	92879535	93644772	93218923	0.42	cps
Iron	57-2	2305590	2307973	2323055	2312206	0.41	cps
Lead	206-1	4988880	4998291	5025406	5004192	0.38	cps
Lead	207-1	4583826	4579059	4606514	4589800	0.32	cps
Lead	208-1	20384843	20420612	20532235	20445897	0.38	cps
Lithium	6-1	5486493	5469732	5436150	5464125	0.47	cps
Magnesium	24-2	17352060	17297083	17394232	17347792	0.28	cps
Manganese	55-2	2596986	2588515	2619089	2601530	0.61	cps

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 15:27:44	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	13376151	13391587	13428507	13398748	0.20	cps
Molybdenum	95-1	16376737	16425818	16358103	16386886	0.21	cps
Molybdenum	96-1	17980233	18107681	18121355	18069756	0.43	cps
Molybdenum	97-1	10177594	10163208	10275980	10205594	0.60	cps
Molybdenum	98-1	26473711	26418383	26631636	26507910	0.42	cps
Neodymium	150-1	573	527	467	522	10.24	cps
Neodymium	150-2	57	60	57	58	3.33	cps
Nickel	60-2	942859	945100	943802	943920	0.12	cps
Phosphorus	31-2	84641	84397	83282	84107	0.86	cps
Potassium	39-2	8024320	8036486	8065492	8042099	0.26	cps
Rhodium	103-1	15339330	15273128	15292038	15301499	0.22	cps
Rhodium	103-2	7796980	7779855	7817294	7798043	0.24	cps
Scandium	45-1	10863724	10945741	10919654	10909706	0.38	cps
Scandium	45-2	515747	518325	522378	518817	0.64	cps
Selenium	77-2	6265	6582	6588	6478	2.85	cps
Selenium	78-2	21614	21739	21685	21679	0.29	cps
Selenium	82-1	129103	129831	129679	129538	0.30	cps
Silicon	28-1	5293203	5382159	5361655	5345672	0.87	cps
Silver	109-1	8056854	8136509	8141287	8111550	0.58	cps
Silver	107-1	8384872	8311028	8365907	8353936	0.46	cps
Sodium	23-2	32666461	32521944	32630821	32606409	0.23	cps
Strontium	86-1	2085257	2102082	2101058	2096132	0.45	cps
Strontium	88-1	18270124	18288621	18285460	18281402	0.05	cps
Sulfur	34-1	1211525	1215330	1206310	1211055	0.37	cps
Terbium	159-1	20963178	21049717	21130377	21047757	0.40	cps
Terbium	159-2	11070744	11109289	11171110	11117047	0.46	cps
Thallium	203-1	6176832	6202163	6239972	6206322	0.51	cps
Thallium	205-1	14372589	14350419	14534131	14419047	0.70	cps
Tin	118-1	5356005	5355107	5348375	5353163	0.08	cps
Titanium	47-1	4737368	4796796	4778914	4771026	0.64	cps
Uranium	238-1	22507706	22608759	22467910	22528125	0.32	cps
Vanadium	51-2	1745450	1755204	1768959	1756538	0.67	cps
Yttrium	89-1	17291655	17392290	17375258	17353068	0.31	cps
Yttrium	89-2	2731607	2758601	2755508	2748572	0.54	cps
Zinc	66-2	749611	747164	749968	748914	0.20	cps
Zirconium	90-1	11179055	11254008	11239600	11224221	0.35	cps

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 15:27:44	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2445718	2467146	2481043	2464636	0.72	cps

LB Number : LB97278 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-13 15:31:28 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2942867	2972878	2985513	2967086	0.74	cps
Antimony	121-1	12780833	12831523	12955116	12855824	0.70	cps
Arsenic	75-2	494690	496874	496352	495972	0.23	cps
Barium	135-1	15611393	15633645	15779453	15674830	0.58	cps
Barium	137-1	27307332	27505261	27583390	27465328	0.52	cps
Beryllium	9-1	3418518	3404510	3412435	3411821	0.21	cps
Bismuth	209-1	12656848	12616417	12585679	12619648	0.28	cps
Bismuth	209-2	7870671	7797482	7848145	7838766	0.48	cps
Boron	10-1	467648	473561	479699	473636	1.27	cps
Boron	11-1	2194978	2218483	2282572	2232011	2.03	cps
Cadmium	111-1	3512775	3528168	3531124	3524022	0.28	cps
Cadmium	106-1	389936	387586	395796	391106	1.08	cps
Cadmium	108-1	267467	269128	267107	267901	0.40	cps
Calcium	43-1	4272133	4303981	4334033	4303382	0.72	cps
Calcium	44-1	68347956	68612143	69169168	68709756	0.61	cps
Chromium	52-2	4529170	4567259	4591229	4562553	0.69	cps
Cobalt	59-2	7302283	7336313	7374083	7337560	0.49	cps
Copper	63-2	10324016	10363323	10423817	10370386	0.48	cps
Dysprosium	156-1	233	250	250	244	3.94	cps
Dysprosium	156-2	270	237	203	237	14.08	cps
Erbium	164-1	75	67	92	78	16.37	cps
Erbium	164-2	47	53	47	49	7.86	cps
Gadolinium	160-1	200	225	233	219	7.91	cps
Gadolinium	160-2	300	310	303	304	1.67	cps
Holmium	165-1	20722895	20951054	20888183	20854044	0.57	cps
Holmium	165-2	11433572	11379596	11455184	11422784	0.34	cps
Indium	115-1	16818120	16919889	17046890	16928299	0.68	cps
Indium	115-2	3615417	3638707	3662279	3638801	0.64	cps
Iron	56-2	192844188	195639243	194800038	194427823	0.74	cps
Iron	57-2	4796743	4836156	4800229	4811043	0.45	cps
Lead	206-1	9898990	9939758	9905665	9914804	0.22	cps
Lead	207-1	9021036	9062057	9105331	9062808	0.47	cps
Lead	208-1	40291673	40563319	40480255	40445082	0.34	cps
Lithium	6-1	5429919	5388647	5426763	5415110	0.42	cps
Magnesium	24-2	35746899	36115137	35890206	35917414	0.52	cps
Manganese	55-2	5414440	5456977	5454288	5441902	0.44	cps

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 15:31:28	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	27536240	27623458	27787798	27649165	0.46	cps
Molybdenum	95-1	33483795	33700946	33839778	33674839	0.53	cps
Molybdenum	96-1	36928925	37290903	37250551	37156793	0.53	cps
Molybdenum	97-1	20936639	21162166	21037083	21045296	0.54	cps
Molybdenum	98-1	54364832	54887128	54511185	54587715	0.49	cps
Neodymium	150-1	1120	933	1100	1051	9.75	cps
Neodymium	150-2	103	127	127	119	11.33	cps
Nickel	60-2	1889173	1900035	1915294	1901501	0.69	cps
Phosphorus	31-2	168940	172351	172393	171228	1.16	cps
Potassium	39-2	16677925	16847720	16872283	16799309	0.63	cps
Rhodium	103-1	15443006	15488918	15591982	15507969	0.49	cps
Rhodium	103-2	7982393	7965171	8012689	7986751	0.30	cps
Scandium	45-1	11270608	11425267	11385041	11360306	0.71	cps
Scandium	45-2	538945	544859	546906	543570	0.76	cps
Selenium	77-2	13016	13039	13650	13235	2.72	cps
Selenium	78-2	43994	44841	44433	44423	0.95	cps
Selenium	82-1	259246	262256	260497	260666	0.58	cps
Silicon	28-1	9702666	9870726	9976232	9849875	1.40	cps
Silver	109-1	16244458	16318774	16404262	16322498	0.49	cps
Silver	107-1	16806034	16803019	16934592	16847881	0.45	cps
Sodium	23-2	66963702	67185495	67211062	67120086	0.20	cps
Strontium	86-1	4362870	4353729	4371716	4362772	0.21	cps
Strontium	88-1	37602464	38034022	38073163	37903216	0.69	cps
Sulfur	34-1	1951554	1970785	1976699	1966346	0.67	cps
Terbium	159-1	21382562	21345306	21407186	21378352	0.15	cps
Terbium	159-2	11504426	11492894	11566963	11521428	0.35	cps
Thallium	203-1	12377585	12378479	12303125	12353063	0.35	cps
Thallium	205-1	28763055	28747386	28724055	28744832	0.07	cps
Tin	118-1	10900642	10889143	11022285	10937357	0.67	cps
Titanium	47-1	9832933	9857509	9932972	9874471	0.53	cps
Uranium	238-1	45012732	45015689	44996321	45008247	0.02	cps
Vanadium	51-2	3667408	3685248	3716848	3689835	0.68	cps
Yttrium	89-1	17918579	17938712	18065089	17974127	0.44	cps
Yttrium	89-2	2868089	2863045	2868698	2866611	0.11	cps
Zinc	66-2	1489777	1499868	1503414	1497686	0.47	cps
Zirconium	90-1	23117957	23072672	23251865	23147498	0.40	cps

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 15:31:28	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	5129296	5155694	5163118	5149369	0.35	cps

LB Number : LB97278 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P7
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-13 15:35:17 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15151625	15118461	15277568	15182551	0.55	cps
Antimony	121-1	20065	19648	20132	19948	1.31	cps
Arsenic	75-2	778	750	778	769	2.09	cps
Barium	135-1	4067	3517	3501	3695	8.73	cps
Barium	137-1	7144	6218	5626	6330	12.08	cps
Beryllium	9-1	767	572	611	650	15.83	cps
Bismuth	209-1	10650108	10786026	10687423	10707852	0.66	cps
Bismuth	209-2	6764406	6793281	6862399	6806695	0.74	cps
Boron	10-1	15116	13323	12864	13768	8.64	cps
Boron	11-1	72190	66598	59643	66144	9.50	cps
Cadmium	111-1	6014	6435	6160	6203	3.44	cps
Cadmium	106-1	7194	7828	7527	7516	4.22	cps
Cadmium	108-1	96	88	96	93	5.17	cps
Calcium	43-1	21351460	21322596	21368487	21347515	0.11	cps
Calcium	44-1	340554066	343471766	343050666	342358833	0.46	cps
Chromium	52-2	177810	174802	174097	175570	1.12	cps
Cobalt	59-2	86194	86208	86875	86426	0.45	cps
Copper	63-2	23616	24137	23810	23854	1.10	cps
Dysprosium	156-1	125	117	175	139	22.72	cps
Dysprosium	156-2	90	57	70	72	23.23	cps
Erbium	164-1	75	125	117	106	25.38	cps
Erbium	164-2	60	43	47	50	17.64	cps
Gadolinium	160-1	192	233	283	236	19.44	cps
Gadolinium	160-2	340	283	387	337	15.37	cps
Holmium	165-1	19260382	19469944	19524481	19418269	0.72	cps
Holmium	165-2	10709006	10714414	10788120	10737180	0.41	cps
Indium	115-1	15654799	15840647	15732905	15742784	0.59	cps
Indium	115-2	3537982	3547534	3557718	3547745	0.28	cps
Iron	56-2	931993065	928688532	933473999	931385199	0.26	cps
Iron	57-2	23113274	23055179	22993507	23053987	0.26	cps
Lead	206-1	56191	57089	56844	56708	0.82	cps
Lead	207-1	48696	48110	47546	48117	1.19	cps
Lead	208-1	223720	225125	223559	224135	0.38	cps
Lithium	6-1	5154781	5205471	5233441	5197897	0.77	cps
Magnesium	24-2	176880950	177431454	177954212	177422205	0.30	cps
Manganese	55-2	27449	27119	27536	27368	0.80	cps

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 15:35:17	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	38244	36230	35470	36648	3.91	cps
Molybdenum	95-1	61157	58696	58437	59430	2.53	cps
Molybdenum	96-1	74243	71547	68867	71552	3.76	cps
Molybdenum	97-1	37158	36089	35395	36214	2.45	cps
Molybdenum	98-1	96300	90738	88399	91812	4.42	cps
Neodymium	150-1	180	207	220	202	10.07	cps
Neodymium	150-2	77	73	90	80	11.02	cps
Nickel	60-2	60216	60196	60565	60326	0.34	cps
Phosphorus	31-2	600	533	600	578	6.66	cps
Potassium	39-2	85542877	85608931	85881423	85677744	0.21	cps
Rhodium	103-1	13932643	14056914	14039331	14009629	0.48	cps
Rhodium	103-2	7256337	7268761	7307259	7277452	0.36	cps
Scandium	45-1	11146338	11148312	11237909	11177520	0.47	cps
Scandium	45-2	553235	552980	551901	552705	0.13	cps
Selenium	77-2	10	13	7	10	33.30	cps
Selenium	78-2	122	130	119	123	4.58	cps
Selenium	82-1	323	400	318	347	13.16	cps
Silicon	28-1	1819039	1888543	1897959	1868514	2.31	cps
Silver	109-1	2792	2392	2200	2461	12.27	cps
Silver	107-1	3067	2842	2492	2800	10.35	cps
Sodium	23-2	332130366	333269374	332802324	332734021	0.17	cps
Strontium	86-1	21859	22168	21383	21803	1.81	cps
Strontium	88-1	185720	181282	181214	182739	1.41	cps
Sulfur	34-1	466147	471041	478516	471901	1.32	cps
Terbium	159-1	19890953	19946618	20108936	19982169	0.57	cps
Terbium	159-2	10837482	10780857	10972545	10863628	0.91	cps
Thallium	203-1	7094	7227	6227	6849	7.93	cps
Thallium	205-1	17704	15777	15209	16230	8.06	cps
Tin	118-1	50918	51148	50901	50989	0.27	cps
Titanium	47-1	5701	5443	5101	5415	5.56	cps
Uranium	238-1	7711	5676	4968	6118	23.27	cps
Vanadium	51-2	1633	1563	1520	1572	3.64	cps
Yttrium	89-1	17196244	17277869	17217380	17230498	0.25	cps
Yttrium	89-2	2864773	2876686	2908745	2883401	0.79	cps
Zinc	66-2	12329	12852	12646	12609	2.09	cps
Zirconium	90-1	7277	6218	5710	6402	12.49	cps

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 15:35:17	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1709	1275	1458	1481	14.69	cps

LB Number : LB97278 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-13 15:43:17 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	84806	86148	86617	85857	1.09	cps
Antimony	121-1	2595942	2615316	2621548	2610935	0.51	cps
Arsenic	75-2	109258	110047	110221	109842	0.47	cps
Barium	135-1	328377	329777	335635	331263	1.16	cps
Barium	137-1	578715	585478	582967	582387	0.59	cps
Beryllium	9-1	367190	365596	373027	368605	1.06	cps
Bismuth	209-1	12857712	13062075	13124311	13014699	1.07	cps
Bismuth	209-2	8574184	8540884	8639180	8584749	0.58	cps
Boron	10-1	254221	260855	270779	261952	3.18	cps
Boron	11-1	1195468	1217900	1248934	1220767	2.20	cps
Cadmium	111-1	402740	405840	399182	402587	0.83	cps
Cadmium	106-1	78425	79096	76540	78020	1.70	cps
Cadmium	108-1	40566	39852	40329	40249	0.90	cps
Calcium	43-1	104081	107421	104913	105472	1.65	cps
Calcium	44-1	1597202	1606047	1607420	1603557	0.35	cps
Chromium	52-2	488011	486191	489056	487752	0.30	cps
Cobalt	59-2	810272	809370	813616	811086	0.28	cps
Copper	63-2	585837	588560	588364	587587	0.26	cps
Dysprosium	156-1	25	8	33	22	57.29	cps
Dysprosium	156-2	13	17	17	16	12.40	cps
Erbium	164-1	83	125	167	125	33.33	cps
Erbium	164-2	67	93	110	90	24.28	cps
Gadolinium	160-1	200	142	167	169	17.27	cps
Gadolinium	160-2	293	333	347	324	8.56	cps
Holmium	165-1	20463086	20945424	20812956	20740489	1.20	cps
Holmium	165-2	11884869	11964934	11936754	11928852	0.34	cps
Indium	115-1	17341872	17708026	17594300	17548066	1.07	cps
Indium	115-2	3981087	3971180	4024533	3992267	0.71	cps
Iron	56-2	4308196	4319010	4310171	4312459	0.13	cps
Iron	57-2	107189	107195	105918	106768	0.69	cps
Lead	206-1	2086242	2096483	2098724	2093816	0.32	cps
Lead	207-1	1842872	1828003	1838772	1836549	0.42	cps
Lead	208-1	8401588	8381211	8384740	8389180	0.13	cps
Lithium	6-1	5551767	5605837	5584743	5580782	0.49	cps
Magnesium	24-2	455730	456048	456215	455998	0.05	cps
Manganese	55-2	292812	294073	295301	294062	0.42	cps

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 15:43:17	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6317620	6330733	6327935	6325429	0.11	cps
Molybdenum	95-1	3734443	3771696	3761694	3755944	0.51	cps
Molybdenum	96-1	4698328	4688858	4674755	4687314	0.25	cps
Molybdenum	97-1	2311404	2300145	2328848	2313466	0.63	cps
Molybdenum	98-1	6062803	6036495	6030926	6043408	0.28	cps
Neodymium	150-1	20	47	13	27	66.16	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	219402	218358	218861	218874	0.24	cps
Phosphorus	31-2	592	525	508	542	8.14	cps
Potassium	39-2	774020	777464	780843	777443	0.44	cps
Rhodium	103-1	16324825	16569254	16473238	16455773	0.75	cps
Rhodium	103-2	8679256	8727627	8789079	8731987	0.63	cps
Scandium	45-1	11660318	11897964	11838404	11798895	1.05	cps
Scandium	45-2	577969	581621	588627	582739	0.93	cps
Selenium	77-2	3030	3024	3104	3053	1.45	cps
Selenium	78-2	10580	10509	10476	10522	0.50	cps
Selenium	82-1	57809	57793	57956	57853	0.15	cps
Silicon	28-1	434579	440367	442719	439221	0.95	cps
Silver	109-1	1594251	1622443	1613116	1609937	0.89	cps
Silver	107-1	1652435	1661594	1670335	1661455	0.54	cps
Sodium	23-2	1446245	1455360	1458546	1453383	0.44	cps
Strontium	86-1	2178939	2180244	2189345	2182843	0.26	cps
Strontium	88-1	19014201	19115323	19054604	19061376	0.27	cps
Sulfur	34-1	505307	507440	508620	507122	0.33	cps
Terbium	159-1	21103578	21481731	21493015	21359441	1.04	cps
Terbium	159-2	11946350	12094236	12133917	12058168	0.82	cps
Thallium	203-1	2625793	2611090	2652329	2629737	0.79	cps
Thallium	205-1	6284189	6212789	6205458	6234145	0.70	cps
Tin	118-1	5462604	5473814	5490767	5475728	0.26	cps
Titanium	47-1	996067	1009309	1005310	1003562	0.68	cps
Uranium	238-1	22789254	22911046	23100405	22933568	0.68	cps
Vanadium	51-2	390699	390862	393034	391532	0.33	cps
Yttrium	89-1	18027649	18486438	18436091	18316726	1.37	cps
Yttrium	89-2	3018859	3074560	3056978	3050132	0.93	cps
Zinc	66-2	177176	177551	178870	177865	0.50	cps
Zirconium	90-1	11499808	11579579	11522154	11533847	0.36	cps

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 15:43:17	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2509237	2526207	2541571	2525671	0.64	cps

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 15:54:11	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3501	3384	3225	3370	4.10	cps
Antimony	121-1	27069	27043	27411	27175	0.76	cps
Arsenic	75-2	619	567	585	590	4.45	cps
Barium	135-1	31663	32063	32038	31921	0.70	cps
Barium	137-1	56692	56532	55922	56382	0.72	cps
Beryllium	9-1	3695	3506	3862	3688	4.83	cps
Bismuth	209-1	13721607	13612526	13752723	13695619	0.54	cps
Bismuth	209-2	8599646	8664708	8232393	8498916	2.74	cps
Boron	10-1	15867	15266	15350	15495	2.10	cps
Boron	11-1	74802	72047	71854	72901	2.26	cps
Cadmium	111-1	9138	9578	9549	9422	2.61	cps
Cadmium	106-1	8345	8986	8586	8639	3.75	cps
Cadmium	108-1	279	317	321	306	7.51	cps
Calcium	43-1	22810	22034	22067	22304	1.97	cps
Calcium	44-1	377698	371601	371779	373693	0.93	cps
Chromium	52-2	11131	11405	10410	10982	4.68	cps
Cobalt	59-2	7752	7876	7782	7803	0.82	cps
Copper	63-2	13103	12432	12319	12618	3.36	cps
Dysprosium	156-1	25	25	17	22	21.64	cps
Dysprosium	156-2	0	10	0	3	173.21	cps
Erbium	164-1	92	108	75	92	18.18	cps
Erbium	164-2	47	40	40	42	9.12	cps
Gadolinium	160-1	225	250	175	217	17.63	cps
Gadolinium	160-2	323	283	247	284	13.48	cps
Holmium	165-1	22338935	21942092	21622183	21967737	1.63	cps
Holmium	165-2	12187006	12192276	11547653	11975645	3.10	cps
Indium	115-1	18236937	18199303	18295622	18243954	0.27	cps
Indium	115-2	4071343	4112693	3891047	4025027	2.93	cps
Iron	56-2	227326	226014	219133	224158	1.96	cps
Iron	57-2	5607	6035	6503	6048	7.41	cps
Lead	206-1	10977	10938	11238	11051	1.48	cps
Lead	207-1	10427	9626	9898	9984	4.08	cps
Lead	208-1	45871	43802	45092	44922	2.33	cps
Lithium	6-1	5686047	5622867	5675496	5661470	0.60	cps
Magnesium	24-2	182474	188532	176308	182438	3.35	cps
Manganese	55-2	3347	3314	3037	3233	5.27	cps

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 15:54:11	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	30784	29640	30667	30364	2.07	cps
Molybdenum	95-1	36531	34526	34183	35080	3.61	cps
Molybdenum	96-1	38586	39247	37885	38573	1.77	cps
Molybdenum	97-1	22727	22034	22210	22324	1.61	cps
Molybdenum	98-1	57500	56597	56128	56742	1.23	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	2350	2360	2114	2275	6.14	cps
Phosphorus	31-2	608	583	608	600	2.41	cps
Potassium	39-2	222030	219896	212400	218109	2.32	cps
Rhodium	103-1	17219727	17069718	17187448	17158964	0.46	cps
Rhodium	103-2	8824810	8882510	8467242	8724854	2.58	cps
Scandium	45-1	12242694	12015948	12100522	12119721	0.95	cps
Scandium	45-2	590638	590091	563292	581340	2.69	cps
Selenium	77-2	103	80	67	83	22.27	cps
Selenium	78-2	356	343	326	341	4.35	cps
Selenium	82-1	1479	1408	1394	1427	3.19	cps
Silicon	28-1	557028	551577	548726	552444	0.76	cps
Silver	109-1	18129	17245	17987	17787	2.67	cps
Silver	107-1	19089	17937	18930	18652	3.35	cps
Sodium	23-2	375751	375984	359436	370390	2.56	cps
Strontium	86-1	5951	5743	5551	5749	3.48	cps
Strontium	88-1	41068	39998	39873	40313	1.63	cps
Sulfur	34-1	571425	576253	568247	571975	0.70	cps
Terbium	159-1	22391132	22430537	22482189	22434619	0.20	cps
Terbium	159-2	12259333	12280489	11699091	12079638	2.73	cps
Thallium	203-1	13324	12498	13349	13057	3.71	cps
Thallium	205-1	32374	30703	32182	31753	2.88	cps
Tin	118-1	60081	60305	59937	60108	0.31	cps
Titanium	47-1	10104	11021	10879	10668	4.63	cps
Uranium	238-1	41676	42370	41961	42002	0.83	cps
Vanadium	51-2	19166	18962	18418	18849	2.05	cps
Yttrium	89-1	18917485	18693009	18769316	18793270	0.61	cps
Yttrium	89-2	3086796	3094767	2963530	3048364	2.41	cps
Zinc	66-2	13907	13546	13333	13595	2.13	cps
Zirconium	90-1	27110	26609	27527	27082	1.70	cps

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 15:54:11	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	6227	5810	6118	6052	3.57	cps

LB Number : LB97278 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-13 15:57:45 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	250	183	167	200	22.05	cps
Antimony	121-1	775	708	825	770	7.61	cps
Arsenic	75-2	26	13	13	17	43.33	cps
Barium	135-1	83	58	100	81	26.03	cps
Barium	137-1	100	58	133	97	38.65	cps
Beryllium	9-1	117	89	83	96	18.54	cps
Bismuth	209-1	13578432	13881840	13701306	13720526	1.11	cps
Bismuth	209-2	8767133	8855510	8783338	8801994	0.53	cps
Boron	10-1	3709	3075	3467	3417	9.36	cps
Boron	11-1	16843	16034	15075	15984	5.54	cps
Cadmium	111-1	5969	5321	5483	5591	6.03	cps
Cadmium	106-1	8528	8019	7852	8133	4.33	cps
Cadmium	108-1	13	430	25	156	152.42	cps
Calcium	43-1	342	325	267	311	12.66	cps
Calcium	44-1	19889	20774	19939	20201	2.46	cps
Chromium	52-2	707	800	843	783	8.92	cps
Cobalt	59-2	43	63	60	56	19.29	cps
Copper	63-2	1083	1043	1017	1048	3.20	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	3	10	0	4	114.60	cps
Erbium	164-1	67	42	75	61	28.38	cps
Erbium	164-2	33	37	23	31	22.31	cps
Gadolinium	160-1	242	183	275	233	19.88	cps
Gadolinium	160-2	313	280	383	326	16.20	cps
Holmium	165-1	21865585	21827910	21930550	21874682	0.24	cps
Holmium	165-2	12334476	12355332	12321904	12337237	0.14	cps
Indium	115-1	18163959	18315126	18190656	18223247	0.44	cps
Indium	115-2	4129136	4114752	4122595	4122161	0.17	cps
Iron	56-2	8041	8564	8603	8403	3.73	cps
Iron	57-2	361	333	400	365	9.18	cps
Lead	206-1	678	600	694	657	7.67	cps
Lead	207-1	506	600	583	563	8.95	cps
Lead	208-1	2706	2395	2539	2546	6.11	cps
Lithium	6-1	5667087	5736430	5708415	5703977	0.61	cps
Magnesium	24-2	342	317	217	292	22.68	cps
Manganese	55-2	140	143	130	138	5.04	cps

LB Number : LB97278 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-13 15:57:45 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	925	858	992	925	7.21	cps
Molybdenum	95-1	317	475	375	389	20.59	cps
Molybdenum	96-1	492	533	500	508	4.34	cps
Molybdenum	97-1	325	200	250	258	24.36	cps
Molybdenum	98-1	733	725	692	717	3.08	cps
Neodymium	150-1	13	7	27	16	65.47	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	83	83	77	81	4.74	cps
Phosphorus	31-2	600	525	692	606	13.78	cps
Potassium	39-2	37356	38125	37131	37537	1.39	cps
Rhodium	103-1	17185263	17207574	17102715	17165184	0.32	cps
Rhodium	103-2	8923674	8975548	8963727	8954316	0.30	cps
Scandium	45-1	12010128	12066126	12071161	12049139	0.28	cps
Scandium	45-2	597864	597067	595069	596667	0.24	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	104	117	104	108	6.93	cps
Selenium	82-1	-88	47	28	-4	-1629.77	cps
Silicon	28-1	397747	392883	389425	393352	1.06	cps
Silver	109-1	75	108	150	111	33.82	cps
Silver	107-1	250	242	192	228	13.85	cps
Sodium	23-2	25030	24696	24254	24660	1.58	cps
Strontium	86-1	992	1100	950	1014	7.64	cps
Strontium	88-1	200	342	217	253	30.63	cps
Sulfur	34-1	580272	575947	578267	578162	0.37	cps
Terbium	159-1	22618479	22604687	22749415	22657527	0.35	cps
Terbium	159-2	12387094	12442816	12451014	12426975	0.28	cps
Thallium	203-1	233	217	200	217	7.69	cps
Thallium	205-1	508	492	592	531	10.10	cps
Tin	118-1	4893	5109	4818	4940	3.07	cps
Titanium	47-1	192	158	158	169	11.36	cps
Uranium	238-1	58	92	92	81	23.89	cps
Vanadium	51-2	7	13	10	10	33.30	cps
Yttrium	89-1	18771735	18923865	18795603	18830401	0.43	cps
Yttrium	89-2	3100472	3133055	3126935	3120154	0.56	cps
Zinc	66-2	10991	10807	10714	10838	1.30	cps
Zirconium	90-1	2242	1984	2059	2095	6.35	cps

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 15:57:45	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	350	408	375	378	7.75	cps

LB Number : LB97278 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-13 16:01:19 DataFile Name : 016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14869960	14973373	14810135	14884489	0.55	cps
Antimony	121-1	14725	15376	14892	14997	2.25	cps
Arsenic	75-2	180	189	716	362	84.95	cps
Barium	135-1	5001	4810	4659	4823	3.55	cps
Barium	137-1	8762	8978	8711	8817	1.61	cps
Beryllium	9-1	1078	1072	1083	1078	0.52	cps
Bismuth	209-1	13082131	12750914	13251514	13028186	1.95	cps
Bismuth	209-2	8166183	8216069	8139367	8173873	0.48	cps
Boron	10-1	3526	3609	3334	3489	4.04	cps
Boron	11-1	16476	16610	15767	16284	2.78	cps
Cadmium	111-1	7243	7147	7124	7171	0.88	cps
Cadmium	106-1	7994	7702	7436	7711	3.62	cps
Cadmium	108-1	3880	3738	3605	3741	3.68	cps
Calcium	43-1	4391646	4419507	4422764	4411306	0.39	cps
Calcium	44-1	70379752	71353610	71106895	70946752	0.71	cps
Chromium	52-2	95074	95775	94843	95231	0.51	cps
Cobalt	59-2	9350	9166	9170	9229	1.14	cps
Copper	63-2	43718	43595	44076	43797	0.57	cps
Dysprosium	156-1	17	33	67	39	65.47	cps
Dysprosium	156-2	20	27	47	31	44.61	cps
Erbium	164-1	100	125	100	108	13.32	cps
Erbium	164-2	57	60	47	54	12.74	cps
Gadolinium	160-1	175	225	283	228	23.80	cps
Gadolinium	160-2	350	367	390	369	5.45	cps
Holmium	165-1	22222831	21969145	22892470	22361482	2.13	cps
Holmium	165-2	12345519	12449708	12463964	12419730	0.52	cps
Indium	115-1	17775864	17409605	18127569	17771013	2.02	cps
Indium	115-2	3927618	3988998	3982938	3966518	0.85	cps
Iron	56-2	406259731	410676576	408089309	408341872	0.54	cps
Iron	57-2	10040978	10146605	10075593	10087726	0.53	cps
Lead	206-1	49872	49576	49877	49775	0.35	cps
Lead	207-1	39008	39197	40139	39448	1.54	cps
Lead	208-1	185304	187157	185849	186103	0.51	cps
Lithium	6-1	5427235	5330073	5381978	5379762	0.90	cps
Magnesium	24-2	36600464	36116189	36353120	36356591	0.67	cps
Manganese	55-2	22567	22991	22417	22659	1.31	cps

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 16:01:19	DataFile Name :	016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7716134	7746428	7864009	7775523	1.00	cps
Molybdenum	95-1	13538311	13632915	13774740	13648656	0.87	cps
Molybdenum	96-1	14454229	14527479	14658040	14546583	0.71	cps
Molybdenum	97-1	8422705	8520706	8574521	8505978	0.90	cps
Molybdenum	98-1	21902711	21948377	22196650	22015913	0.72	cps
Neodymium	150-1	67	67	33	56	34.65	cps
Neodymium	150-2	23	17	27	22	22.91	cps
Nickel	60-2	10707	10974	10924	10869	1.31	cps
Phosphorus	31-2	888265	894009	885538	889271	0.49	cps
Potassium	39-2	36225891	36348727	36062266	36212295	0.40	cps
Rhodium	103-1	16079545	15843473	16355612	16092877	1.59	cps
Rhodium	103-2	8374386	8409748	8505659	8429931	0.81	cps
Scandium	45-1	11920626	11746410	12131765	11932934	1.62	cps
Scandium	45-2	589588	591631	583551	588257	0.71	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	113	111	131	119	9.50	cps
Selenium	82-1	1	51	82	45	92.42	cps
Silicon	28-1	582405	584651	585208	584088	0.25	cps
Silver	109-1	958	2005	1175	1379	40.03	cps
Silver	107-1	1008	983	1175	1056	9.87	cps
Sodium	23-2	70435970	69180718	70826550	70147746	1.23	cps
Strontium	86-1	154237	150987	155611	153612	1.55	cps
Strontium	88-1	1318796	1323953	1348274	1330341	1.18	cps
Sulfur	34-1	6463581	6437913	6459316	6453603	0.21	cps
Terbium	159-1	22731430	22623078	23396725	22917078	1.83	cps
Terbium	159-2	12373931	12472147	12571035	12472371	0.79	cps
Thallium	203-1	867	1000	1033	967	9.12	cps
Thallium	205-1	1825	2167	2317	2103	11.98	cps
Tin	118-1	6435	6727	6152	6438	4.47	cps
Titanium	47-1	4131804	4127720	4172812	4144112	0.60	cps
Uranium	238-1	842	783	717	781	8.01	cps
Vanadium	51-2	590	670	667	642	7.05	cps
Yttrium	89-1	18738163	18409019	19065596	18737593	1.75	cps
Yttrium	89-2	3075524	3109804	3105629	3096986	0.60	cps
Zinc	66-2	15795	15518	15869	15728	1.17	cps
Zirconium	90-1	3025	3109	3326	3153	4.91	cps

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 16:01:19	DataFile Name :	016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	558	667	633	619	8.96	cps

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 16:04:58	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14883593	14700933	14869890	14818139	0.69	cps
Antimony	121-1	286510	284191	285795	285499	0.42	cps
Arsenic	75-2	10522	10411	10652	10529	1.15	cps
Barium	135-1	74131	73981	74290	74134	0.21	cps
Barium	137-1	129777	127768	129954	129166	0.94	cps
Beryllium	9-1	69291	69687	69107	69362	0.43	cps
Bismuth	209-1	13197496	13178361	13286255	13220704	0.44	cps
Bismuth	209-2	8092748	8089862	8077463	8086691	0.10	cps
Boron	10-1	22134	22309	22183	22209	0.41	cps
Boron	11-1	105148	103923	106524	105199	1.24	cps
Cadmium	111-1	81254	81136	82007	81466	0.58	cps
Cadmium	106-1	16844	17779	17695	17439	2.97	cps
Cadmium	108-1	9474	9799	9512	9595	1.85	cps
Calcium	43-1	4547473	4550811	4588992	4562425	0.51	cps
Calcium	44-1	73359810	72903225	73598085	73287040	0.48	cps
Chromium	52-2	189400	194302	191624	191775	1.28	cps
Cobalt	59-2	162532	164490	164463	163828	0.69	cps
Copper	63-2	152168	152902	155621	153563	1.18	cps
Dysprosium	156-1	8	58	100	56	82.62	cps
Dysprosium	156-2	27	50	43	40	30.04	cps
Erbium	164-1	125	83	192	133	40.98	cps
Erbium	164-2	90	53	90	78	27.22	cps
Gadolinium	160-1	225	225	258	236	8.15	cps
Gadolinium	160-2	317	300	340	319	6.30	cps
Holmium	165-1	22868657	22828119	22957608	22884794	0.29	cps
Holmium	165-2	12387314	12474369	12330372	12397351	0.58	cps
Indium	115-1	18375628	18395452	18606458	18459179	0.69	cps
Indium	115-2	3980555	4034960	4014848	4010121	0.69	cps
Iron	56-2	405478509	412315731	408912987	408902409	0.84	cps
Iron	57-2	10054221	10203818	10182264	10146768	0.80	cps
Lead	206-1	261066	257876	261911	260284	0.82	cps
Lead	207-1	217884	215113	217433	216810	0.69	cps
Lead	208-1	1008018	1002265	1010397	1006893	0.42	cps
Lithium	6-1	5361708	5357115	5403958	5374261	0.48	cps
Magnesium	24-2	36445207	36058366	36549157	36350910	0.71	cps
Manganese	55-2	78783	80385	80016	79728	1.05	cps

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 16:04:58	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8505438	8501954	8552000	8519798	0.33	cps
Molybdenum	95-1	14369634	14333856	14483083	14395524	0.54	cps
Molybdenum	96-1	15356272	15250607	15474751	15360543	0.73	cps
Molybdenum	97-1	8968667	8818923	8995695	8927762	1.07	cps
Molybdenum	98-1	23085710	22661618	23112467	22953265	1.10	cps
Neodymium	150-1	33	113	87	78	52.38	cps
Neodymium	150-2	27	17	27	23	24.74	cps
Nickel	60-2	50918	51463	52661	51681	1.73	cps
Phosphorus	31-2	885253	891720	884685	887219	0.44	cps
Potassium	39-2	36281040	36607280	36271935	36386752	0.53	cps
Rhodium	103-1	16646314	16620605	16723706	16663542	0.32	cps
Rhodium	103-2	8491221	8528138	8551555	8523638	0.36	cps
Scandium	45-1	12439622	12438308	12544065	12473999	0.49	cps
Scandium	45-2	593777	606248	595852	598626	1.12	cps
Selenium	77-2	303	280	280	288	4.68	cps
Selenium	78-2	1102	1026	1065	1064	3.57	cps
Selenium	82-1	5564	5701	5508	5591	1.77	cps
Silicon	28-1	1026710	1025494	1035753	1029319	0.54	cps
Silver	109-1	331735	329001	331684	330807	0.47	cps
Silver	107-1	340531	346899	343737	343722	0.93	cps
Sodium	23-2	71145708	70065716	71376568	70862664	0.99	cps
Strontium	86-1	343429	339893	343886	342403	0.64	cps
Strontium	88-1	2968085	2959270	2999327	2975561	0.71	cps
Sulfur	34-1	6626824	6644462	6676845	6649377	0.38	cps
Terbium	159-1	23618723	23399573	23548920	23522405	0.48	cps
Terbium	159-2	12454130	12494908	12480578	12476539	0.17	cps
Thallium	203-1	263538	265580	265381	264833	0.43	cps
Thallium	205-1	614806	618929	627699	620478	1.06	cps
Tin	118-1	457366	464508	466029	462635	1.00	cps
Titanium	47-1	4356558	4320539	4358661	4345252	0.49	cps
Uranium	238-1	1673371	1661647	1685931	1673650	0.73	cps
Vanadium	51-2	76681	78176	76272	77043	1.30	cps
Yttrium	89-1	19539373	19464179	19554112	19519221	0.25	cps
Yttrium	89-2	3112514	3158125	3140826	3137155	0.73	cps
Zinc	66-2	31705	31260	31514	31493	0.71	cps
Zirconium	90-1	981392	970814	979319	977175	0.57	cps

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 16:04:58	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	216833	217434	217256	217174	0.14	cps

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	CCV59	Instrumnet Name :	P7
Client Sample ID :	CCV59	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 16:08:37	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8755024	8697702	8811176	8754634	0.65	cps
Antimony	121-1	6821950	6801512	6793329	6805597	0.22	cps
Arsenic	75-2	268896	265208	270259	268121	0.97	cps
Barium	135-1	8505912	8461187	8502957	8490019	0.29	cps
Barium	137-1	14806126	14820377	14912421	14846308	0.39	cps
Beryllium	9-1	1700641	1708368	1720264	1709758	0.58	cps
Bismuth	209-1	12523765	12470633	12492983	12495794	0.21	cps
Bismuth	209-2	7806123	7771996	7863539	7813886	0.59	cps
Boron	10-1	231795	231508	239106	234136	1.84	cps
Boron	11-1	1111204	1114674	1128132	1118003	0.80	cps
Cadmium	111-1	1795251	1793831	1798953	1796012	0.15	cps
Cadmium	106-1	208215	207278	209351	208282	0.50	cps
Cadmium	108-1	137113	138776	138465	138118	0.64	cps
Calcium	43-1	11516977	11518415	11497209	11510867	0.10	cps
Calcium	44-1	185288812	185278925	185381346	185316361	0.03	cps
Chromium	52-2	2537907	2543070	2571187	2550721	0.70	cps
Cobalt	59-2	3928989	3928995	3954886	3937623	0.38	cps
Copper	63-2	5337755	5352282	5415540	5368526	0.77	cps
Dysprosium	156-1	242	200	133	192	28.51	cps
Dysprosium	156-2	150	160	123	144	13.12	cps
Erbium	164-1	83	75	50	69	24.98	cps
Erbium	164-2	57	67	73	66	12.79	cps
Gadolinium	160-1	250	325	242	272	16.86	cps
Gadolinium	160-2	293	300	297	297	1.12	cps
Holmium	165-1	22539089	22257074	22299626	22365263	0.68	cps
Holmium	165-2	12304886	12244778	12357305	12302323	0.46	cps
Indium	115-1	17708008	17833588	17616716	17719437	0.61	cps
Indium	115-2	3910525	3906654	3962764	3926647	0.80	cps
Iron	56-2	526875512	523383678	528218212	526159134	0.47	cps
Iron	57-2	13055574	13053422	13084196	13064398	0.13	cps
Lead	206-1	5116704	5147073	5103828	5122535	0.43	cps
Lead	207-1	4590741	4598287	4602122	4597050	0.13	cps
Lead	208-1	20592433	20732166	20677488	20667362	0.34	cps
Lithium	6-1	5274332	5254639	5229238	5252736	0.43	cps
Magnesium	24-2	97210317	96406238	97178273	96931609	0.47	cps
Manganese	55-2	3006968	2974482	3017891	2999780	0.75	cps

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	CCV59	Instrumnet Name :	P7
Client Sample ID :	CCV59	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 16:08:37	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	14915338	14915506	14833838	14888227	0.32	cps
Molybdenum	95-1	18188280	18127032	18240307	18185206	0.31	cps
Molybdenum	96-1	20033923	20130706	20098785	20087805	0.25	cps
Molybdenum	97-1	11316779	11369970	11302934	11329894	0.31	cps
Molybdenum	98-1	29224295	29258144	29249914	29244118	0.06	cps
Neodymium	150-1	733	673	593	667	10.54	cps
Neodymium	150-2	110	123	100	111	10.54	cps
Nickel	60-2	1025596	1026469	1036432	1029499	0.58	cps
Phosphorus	31-2	93635	94490	96797	94974	1.72	cps
Potassium	39-2	47480046	47323010	47914896	47572651	0.64	cps
Rhodium	103-1	16021981	15901333	15974800	15966038	0.38	cps
Rhodium	103-2	8212766	8127228	8261894	8200630	0.83	cps
Scandium	45-1	12303575	12180736	12229678	12237996	0.51	cps
Scandium	45-2	602163	596372	606374	601637	0.83	cps
Selenium	77-2	6965	7015	6698	6893	2.47	cps
Selenium	78-2	23578	23128	23578	23428	1.11	cps
Selenium	82-1	130444	131321	130259	130675	0.43	cps
Silicon	28-1	5733079	5861390	5944680	5846383	1.82	cps
Silver	109-1	8387949	8304265	8361165	8351126	0.51	cps
Silver	107-1	8693002	8705699	8700001	8699567	0.07	cps
Sodium	23-2	183032712	182064396	184248479	183115196	0.60	cps
Strontium	86-1	2325299	2333417	2340207	2332974	0.32	cps
Strontium	88-1	20386296	20482240	20334955	20401163	0.37	cps
Sulfur	34-1	1311379	1299666	1312483	1307842	0.54	cps
Terbium	159-1	22935479	22793500	23096330	22941769	0.66	cps
Terbium	159-2	12356789	12246349	12379479	12327539	0.58	cps
Thallium	203-1	6316283	6281763	6351767	6316605	0.55	cps
Thallium	205-1	14867151	14849085	14787056	14834431	0.28	cps
Tin	118-1	5822664	5854808	5792239	5823237	0.54	cps
Titanium	47-1	5373513	5366776	5353387	5364559	0.19	cps
Uranium	238-1	21521298	21422408	21283608	21409105	0.56	cps
Vanadium	51-2	2012514	2010310	2033989	2018938	0.65	cps
Yttrium	89-1	19093110	19034212	19048200	19058507	0.16	cps
Yttrium	89-2	3119671	3086570	3158414	3121552	1.15	cps
Zinc	66-2	776797	777420	778657	777625	0.12	cps
Zirconium	90-1	12508629	12521169	12426465	12485421	0.41	cps

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	CCV59	Instrumnet Name :	P7
Client Sample ID :	CCV59	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 16:08:37	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2781974	2782923	2754834	2773244	0.58	cps

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	CCB59	Instrumnet Name :	P7
Client Sample ID :	CCB59	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 16:12:18	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	742	650	617	669	9.67	cps
Antimony	121-1	5343	5126	4884	5118	4.48	cps
Arsenic	75-2	39	59	48	49	20.91	cps
Barium	135-1	1417	1125	883	1142	23.39	cps
Barium	137-1	2500	1934	1475	1970	26.07	cps
Beryllium	9-1	433	356	372	387	10.58	cps
Bismuth	209-1	14310696	14342411	14232775	14295294	0.39	cps
Bismuth	209-2	8823445	8842408	8792591	8819481	0.29	cps
Boron	10-1	9078	8086	7185	8116	11.66	cps
Boron	11-1	40622	37740	35902	38088	6.25	cps
Cadmium	111-1	6135	5817	6092	6015	2.87	cps
Cadmium	106-1	8378	7969	8461	8269	3.18	cps
Cadmium	108-1	54	46	50	50	8.34	cps
Calcium	43-1	2084	1742	1709	1845	11.25	cps
Calcium	44-1	53097	45922	40306	46442	13.80	cps
Chromium	52-2	967	913	930	937	2.91	cps
Cobalt	59-2	247	250	220	239	6.88	cps
Copper	63-2	2000	1797	1817	1871	5.99	cps
Dysprosium	156-1	0	8	25	11	114.58	cps
Dysprosium	156-2	3	0	17	7	132.33	cps
Erbium	164-1	83	58	108	83	30.00	cps
Erbium	164-2	37	30	27	31	16.37	cps
Gadolinium	160-1	183	183	183	183	0.00	cps
Gadolinium	160-2	310	303	257	290	10.02	cps
Holmium	165-1	22853342	22626621	22668105	22716023	0.53	cps
Holmium	165-2	12551749	12596715	12459946	12536136	0.56	cps
Indium	115-1	19194987	19068306	19054695	19105996	0.40	cps
Indium	115-2	4180949	4197869	4183457	4187425	0.22	cps
Iron	56-2	43147	37482	34380	38336	11.60	cps
Iron	57-2	1228	917	911	1019	17.80	cps
Lead	206-1	1567	1428	1356	1450	7.40	cps
Lead	207-1	1645	1456	1150	1417	17.61	cps
Lead	208-1	6706	6101	5439	6082	10.42	cps
Lithium	6-1	5648165	5621071	5589303	5619513	0.52	cps
Magnesium	24-2	5460	4943	4509	4971	9.57	cps
Manganese	55-2	277	230	250	252	9.28	cps

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	CCB59	Instrumnet Name :	P7
Client Sample ID :	CCB59	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 16:12:18	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7152	6202	6093	6482	8.99	cps
Molybdenum	95-1	10463	9153	7569	9062	15.99	cps
Molybdenum	96-1	11472	9570	9037	10026	12.77	cps
Molybdenum	97-1	6552	5885	4943	5793	13.95	cps
Molybdenum	98-1	17077	14033	12890	14666	14.76	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	140	120	97	119	18.24	cps
Phosphorus	31-2	508	525	400	478	14.21	cps
Potassium	39-2	50972	49609	48313	49631	2.68	cps
Rhodium	103-1	17863974	17845390	17758192	17822518	0.32	cps
Rhodium	103-2	9072861	9080098	9054107	9069022	0.15	cps
Scandium	45-1	12497166	12479054	12427109	12467776	0.29	cps
Scandium	45-2	597860	603743	599401	600335	0.51	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	107	139	130	125	12.91	cps
Selenium	82-1	-35	68	8	14	378.30	cps
Silicon	28-1	418717	405794	404173	409561	1.95	cps
Silver	109-1	1809	1467	1250	1508	18.66	cps
Silver	107-1	1709	1533	1300	1514	13.53	cps
Sodium	23-2	71789	68490	63996	68092	5.75	cps
Strontium	86-1	1383	1383	1233	1333	6.50	cps
Strontium	88-1	3492	2742	2109	2781	24.91	cps
Sulfur	34-1	488493	491737	495114	491781	0.67	cps
Terbium	159-1	23758735	23620430	23555703	23644956	0.44	cps
Terbium	159-2	12655182	12601751	12425991	12560975	0.95	cps
Thallium	203-1	2675	2200	1992	2289	15.30	cps
Thallium	205-1	5918	5326	4734	5326	11.11	cps
Tin	118-1	6877	6677	6227	6593	5.05	cps
Titanium	47-1	1467	1142	808	1139	28.90	cps
Uranium	238-1	3834	2467	1734	2678	39.81	cps
Vanadium	51-2	130	123	60	104	36.99	cps
Yttrium	89-1	19628056	19494531	19568536	19563707	0.34	cps
Yttrium	89-2	3178056	3159617	3181838	3173170	0.37	cps
Zinc	66-2	6865	6528	6642	6678	2.57	cps
Zirconium	90-1	4117	3609	3434	3720	9.54	cps

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	CCB59	Instrumnet Name :	P7
Client Sample ID :	CCB59	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 16:12:18	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	717	733	858	769	10.06	cps

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 16:15:51	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3351	3834	3367	3517	7.80	cps
Antimony	121-1	28163	28371	28321	28285	0.38	cps
Arsenic	75-2	578	567	569	571	1.04	cps
Barium	135-1	33291	33349	33625	33422	0.53	cps
Barium	137-1	58591	60215	57327	58711	2.47	cps
Beryllium	9-1	3695	3606	3617	3639	1.33	cps
Bismuth	209-1	14358127	14448178	14260871	14355725	0.65	cps
Bismuth	209-2	8946976	8817612	8851102	8871896	0.76	cps
Boron	10-1	15133	14958	14941	15011	0.71	cps
Boron	11-1	71075	72575	71042	71564	1.22	cps
Cadmium	111-1	9400	9605	9019	9341	3.19	cps
Cadmium	106-1	8553	8670	8219	8481	2.76	cps
Cadmium	108-1	363	300	313	325	10.18	cps
Calcium	43-1	22251	22610	23035	22632	1.74	cps
Calcium	44-1	382392	384672	383470	383511	0.30	cps
Chromium	52-2	11204	11341	11068	11204	1.22	cps
Cobalt	59-2	8232	7882	8016	8043	2.20	cps
Copper	63-2	13290	13320	12726	13112	2.55	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	17	7	0	8	107.84	cps
Erbium	164-1	125	108	100	111	11.46	cps
Erbium	164-2	40	63	83	62	34.86	cps
Gadolinium	160-1	233	192	200	208	10.58	cps
Gadolinium	160-2	297	313	323	311	4.33	cps
Holmium	165-1	23056854	23002268	23103635	23054252	0.22	cps
Holmium	165-2	12662889	12585456	12701954	12650100	0.47	cps
Indium	115-1	19221363	19278061	19285194	19261539	0.18	cps
Indium	115-2	4283058	4289583	4249425	4274022	0.50	cps
Iron	56-2	230713	226226	226566	227835	1.10	cps
Iron	57-2	5707	5551	5918	5725	3.22	cps
Lead	206-1	11255	11138	11044	11146	0.95	cps
Lead	207-1	9698	10060	9993	9917	1.94	cps
Lead	208-1	45226	46267	45504	45666	1.18	cps
Lithium	6-1	5650692	5628323	5654632	5644549	0.25	cps
Magnesium	24-2	187165	186040	185114	186106	0.55	cps
Manganese	55-2	3350	3287	3064	3234	4.66	cps

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 16:15:51	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	31235	30734	30851	30940	0.85	cps
Molybdenum	95-1	37734	37099	36748	37194	1.34	cps
Molybdenum	96-1	40575	41779	41035	41130	1.48	cps
Molybdenum	97-1	22619	23386	24213	23406	3.41	cps
Molybdenum	98-1	58663	59835	59358	59285	0.99	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	2410	2320	2287	2339	2.73	cps
Phosphorus	31-2	483	500	575	519	9.40	cps
Potassium	39-2	228348	224826	228982	227385	0.98	cps
Rhodium	103-1	18158067	18022847	18067446	18082787	0.38	cps
Rhodium	103-2	9350137	9177187	9274347	9267223	0.94	cps
Scandium	45-1	12638837	12753752	12767291	12719960	0.55	cps
Scandium	45-2	625789	620273	618724	621595	0.60	cps
Selenium	77-2	77	73	77	76	2.55	cps
Selenium	78-2	389	369	367	375	3.29	cps
Selenium	82-1	1490	1477	1515	1494	1.29	cps
Silicon	28-1	548831	545289	548649	547589	0.36	cps
Silver	109-1	18922	18571	18212	18568	1.91	cps
Silver	107-1	19314	19005	18997	19105	0.95	cps
Sodium	23-2	400758	395840	391168	395922	1.21	cps
Strontium	86-1	5568	5735	5568	5624	1.71	cps
Strontium	88-1	42163	42205	41553	41973	0.87	cps
Sulfur	34-1	523585	521686	528705	524659	0.69	cps
Terbium	159-1	23727836	23762701	23809761	23766766	0.17	cps
Terbium	159-2	12902580	12680114	12684595	12755763	1.00	cps
Thallium	203-1	13783	14008	13983	13925	0.89	cps
Thallium	205-1	33585	33828	33309	33574	0.77	cps
Tin	118-1	60522	61151	59393	60355	1.48	cps
Titanium	47-1	10095	10271	10854	10407	3.82	cps
Uranium	238-1	40631	42429	42337	41799	2.42	cps
Vanadium	51-2	19256	19306	18866	19143	1.26	cps
Yttrium	89-1	19901968	19873482	20053434	19942962	0.49	cps
Yttrium	89-2	3275761	3232517	3238373	3248884	0.72	cps
Zinc	66-2	4828	4741	4931	4833	1.97	cps
Zirconium	90-1	27302	27143	28062	27502	1.78	cps

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 16:15:51	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	5826	6210	6068	6035	3.21	cps

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	PB112005BL	Instrumnet Name :	P7
Client Sample ID :	PB112005BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 16:19:24	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	75	67	86	31.11	cps
Antimony	121-1	900	825	792	839	6.61	cps
Arsenic	75-2	24	17	22	21	18.35	cps
Barium	135-1	67	42	42	50	28.87	cps
Barium	137-1	133	75	75	94	35.66	cps
Beryllium	9-1	83	106	83	91	14.14	cps
Bismuth	209-1	13978134	13869129	13912680	13919981	0.39	cps
Bismuth	209-2	7651836	8489106	8760436	8300459	6.96	cps
Boron	10-1	3309	3284	3100	3231	3.52	cps
Boron	11-1	15784	15242	14332	15119	4.85	cps
Cadmium	111-1	5872	6065	5651	5863	3.54	cps
Cadmium	106-1	8369	8670	8086	8375	3.49	cps
Cadmium	108-1	17	29	38	28	37.74	cps
Calcium	43-1	308	250	250	269	12.50	cps
Calcium	44-1	22594	22727	22293	22538	0.99	cps
Chromium	52-2	887	777	990	884	12.06	cps
Cobalt	59-2	67	40	80	62	32.73	cps
Copper	63-2	1303	1267	1387	1319	4.66	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	58	92	58	69	27.71	cps
Erbium	164-2	40	33	43	39	13.09	cps
Gadolinium	160-1	225	142	150	172	26.65	cps
Gadolinium	160-2	293	310	290	298	3.60	cps
Holmium	165-1	22798643	22512591	22566157	22625797	0.67	cps
Holmium	165-2	11046219	12185327	12517170	11916239	6.47	cps
Indium	115-1	19191246	19170025	19110098	19157123	0.22	cps
Indium	115-2	3731627	4118143	4250721	4033497	6.69	cps
Iron	56-2	9815	9676	9542	9677	1.41	cps
Iron	57-2	378	444	444	422	9.12	cps
Lead	206-1	528	694	633	619	13.63	cps
Lead	207-1	528	583	644	585	9.97	cps
Lead	208-1	2300	2595	2556	2483	6.44	cps
Lithium	6-1	5635346	5634476	5612482	5627435	0.23	cps
Magnesium	24-2	442	258	467	389	29.25	cps
Manganese	55-2	90	90	90	90	0.00	cps

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	PB112005BL	Instrumnet Name :	P7
Client Sample ID :	PB112005BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 16:19:24	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1242	1158	1167	1189	3.86	cps
Molybdenum	95-1	1158	1133	1200	1164	2.89	cps
Molybdenum	96-1	1358	1225	1383	1322	6.44	cps
Molybdenum	97-1	658	725	783	722	8.66	cps
Molybdenum	98-1	1842	1750	1709	1767	3.86	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	73	77	67	72	7.05	cps
Phosphorus	31-2	492	508	508	503	1.91	cps
Potassium	39-2	41359	41216	42219	41598	1.30	cps
Rhodium	103-1	17976272	18164885	18093682	18078280	0.53	cps
Rhodium	103-2	8107466	8978591	9245142	8777066	6.78	cps
Scandium	45-1	12689203	12699092	12706747	12698347	0.07	cps
Scandium	45-2	540092	598947	621862	586967	7.19	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	89	106	131	109	19.75	cps
Selenium	82-1	96	57	-32	41	161.54	cps
Silicon	28-1	395484	394057	392448	393996	0.39	cps
Silver	109-1	267	242	217	242	10.34	cps
Silver	107-1	300	292	292	294	1.64	cps
Sodium	23-2	34632	33254	35017	34301	2.70	cps
Strontium	86-1	1025	1142	1275	1147	10.90	cps
Strontium	88-1	183	208	167	186	11.27	cps
Sulfur	34-1	549720	549586	548730	549345	0.10	cps
Terbium	159-1	23594339	23489722	23575670	23553244	0.24	cps
Terbium	159-2	11119273	12302215	12802905	12074798	7.16	cps
Thallium	203-1	458	433	542	478	11.87	cps
Thallium	205-1	1067	1208	1067	1114	7.34	cps
Tin	118-1	5593	5635	5318	5515	3.12	cps
Titanium	47-1	333	217	217	256	26.36	cps
Uranium	238-1	75	58	75	69	13.85	cps
Vanadium	51-2	7	3	7	6	34.70	cps
Yttrium	89-1	19828298	19823699	19845041	19832346	0.06	cps
Yttrium	89-2	2850996	3153753	3275785	3093511	7.07	cps
Zinc	66-2	4091	4431	4474	4332	4.85	cps
Zirconium	90-1	1925	1959	1867	1917	2.42	cps

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	PB112005BL	Instrumnet Name :	P7
Client Sample ID :	PB112005BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 16:19:24	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	442	425	367	411	9.58	cps

LB Number : LB97278 Operator : Jaswal
 Lab Sample ID : PB112005BS Instrumnet Name : P7
 Client Sample ID : PB112005BS Dilution Factor : 1
 Date & Time Acquired :: 2018-08-13 16:22:57 DataFile Name : 022LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1634581	1635438	1642105	1637375	0.25	cps
Antimony	121-1	7017223	7008293	7000983	7008833	0.12	cps
Arsenic	75-2	280688	283101	282078	281955	0.43	cps
Barium	135-1	8630475	8697655	8583066	8637065	0.67	cps
Barium	137-1	15145245	15075061	15044761	15088356	0.34	cps
Beryllium	9-1	1783117	1782056	1780485	1781886	0.07	cps
Bismuth	209-1	13546552	13525219	13459880	13510550	0.33	cps
Bismuth	209-2	8492053	8463049	8484197	8479767	0.18	cps
Boron	10-1	242035	241474	241600	241703	0.12	cps
Boron	11-1	1125884	1137017	1155755	1139552	1.32	cps
Cadmium	111-1	1931273	1932376	1935639	1933096	0.12	cps
Cadmium	106-1	219483	223223	218206	220304	1.18	cps
Cadmium	108-1	145584	147554	143169	145436	1.51	cps
Calcium	43-1	2311734	2332160	2320059	2321318	0.44	cps
Calcium	44-1	37683186	37691447	37560095	37644909	0.20	cps
Chromium	52-2	2499847	2505440	2502268	2502518	0.11	cps
Cobalt	59-2	4023032	4055685	4044167	4040961	0.41	cps
Copper	63-2	5738341	5748561	5760404	5749102	0.19	cps
Dysprosium	156-1	192	142	75	136	43.01	cps
Dysprosium	156-2	107	130	137	124	12.66	cps
Erbium	164-1	58	67	75	67	12.49	cps
Erbium	164-2	40	47	47	44	8.66	cps
Gadolinium	160-1	233	300	200	244	20.83	cps
Gadolinium	160-2	303	343	297	314	8.03	cps
Holmium	165-1	22767307	22977367	22512618	22752431	1.02	cps
Holmium	165-2	12566812	12585226	12566767	12572935	0.08	cps
Indium	115-1	18458399	18421109	18365571	18415026	0.25	cps
Indium	115-2	4058757	4068801	4060775	4062778	0.13	cps
Iron	56-2	107093972	107634402	107197283	107308552	0.27	cps
Iron	57-2	2632941	2621849	2624283	2626358	0.22	cps
Lead	206-1	5347809	5413884	5338146	5366613	0.77	cps
Lead	207-1	4791866	4853124	4803428	4816139	0.68	cps
Lead	208-1	21609108	21817940	21614353	21680467	0.55	cps
Lithium	6-1	5561968	5581193	5529758	5557639	0.47	cps
Magnesium	24-2	19766837	19760274	19801018	19776043	0.11	cps
Manganese	55-2	3026417	3027380	3033150	3028982	0.12	cps

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	PB112005BS	Instrumnet Name :	P7
Client Sample ID :	PB112005BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 16:22:57	DataFile Name :	022LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	15030089	14906180	14923988	14953419	0.45	cps
Molybdenum	95-1	18267570	18203894	18225841	18232435	0.18	cps
Molybdenum	96-1	20070438	20197173	20154761	20140791	0.32	cps
Molybdenum	97-1	11272176	11323509	11397750	11331145	0.56	cps
Molybdenum	98-1	29202491	29477551	29575983	29418675	0.66	cps
Neodymium	150-1	613	660	527	600	11.28	cps
Neodymium	150-2	70	70	63	68	5.68	cps
Nickel	60-2	1061599	1070273	1072860	1068244	0.55	cps
Phosphorus	31-2	96050	95094	97819	96321	1.44	cps
Potassium	39-2	9529755	9570074	9622480	9574103	0.49	cps
Rhodium	103-1	17047904	17164067	17035583	17082518	0.41	cps
Rhodium	103-2	8708503	8757695	8702686	8722961	0.35	cps
Scandium	45-1	12368163	12375661	12236740	12326855	0.63	cps
Scandium	45-2	604848	607369	609222	607147	0.36	cps
Selenium	77-2	7279	7482	7896	7552	4.16	cps
Selenium	78-2	25140	25519	26049	25569	1.79	cps
Selenium	82-1	141211	142555	142358	142042	0.51	cps
Silicon	28-1	5826074	5895984	5935001	5885686	0.94	cps
Silver	109-1	8953516	8989155	8907651	8950108	0.46	cps
Silver	107-1	9273194	9383485	9239677	9298785	0.81	cps
Sodium	23-2	37282623	36981226	37274998	37179615	0.46	cps
Strontium	86-1	2357893	2350022	2354631	2354182	0.17	cps
Strontium	88-1	20560239	20595538	20540654	20565477	0.14	cps
Sulfur	34-1	1329787	1325227	1300196	1318403	1.21	cps
Terbium	159-1	23354100	23481530	23316610	23384080	0.37	cps
Terbium	159-2	12549171	12564884	12693773	12602609	0.63	cps
Thallium	203-1	6611397	6675793	6563758	6616983	0.85	cps
Thallium	205-1	15583064	15707964	15367841	15552956	1.11	cps
Tin	118-1	5975961	5968825	5913047	5952611	0.58	cps
Titanium	47-1	5371686	5321600	5350883	5348056	0.47	cps
Uranium	238-1	21537721	21872714	21588957	21666464	0.83	cps
Vanadium	51-2	2016011	2015449	2033410	2021623	0.51	cps
Yttrium	89-1	19429162	19492523	19383995	19435227	0.28	cps
Yttrium	89-2	3146661	3159055	3148290	3151335	0.21	cps
Zinc	66-2	849656	855105	852351	852371	0.32	cps
Zirconium	90-1	12526767	12511680	12560020	12532822	0.20	cps

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	PB112005BS	Instrumnet Name :	P7
Client Sample ID :	PB112005BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 16:22:57	DataFile Name :	022LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2781480	2782615	2776495	2780197	0.12	cps

LB Number : LB97278 Operator : Jaswal
 Lab Sample ID : J3922-09 Instrumnet Name : P7
 Client Sample ID : SS037MW202-180709 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-13 16:26:33 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	633	542	583	586	7.83	cps
Antimony	121-1	32673	28663	26208	29181	11.18	cps
Arsenic	75-2	45768	45649	45456	45624	0.35	cps
Barium	135-1	1426655	1441194	1458011	1441953	1.09	cps
Barium	137-1	2460093	2507346	2548495	2505311	1.77	cps
Beryllium	9-1	311	306	289	302	3.83	cps
Bismuth	209-1	13163162	13384024	13486739	13344642	1.24	cps
Bismuth	209-2	7721319	7725469	7728084	7724957	0.04	cps
Boron	10-1	89234	90756	89147	89712	1.01	cps
Boron	11-1	445849	443193	448053	445699	0.55	cps
Cadmium	111-1	5942	6117	6020	6027	1.46	cps
Cadmium	106-1	7803	8320	8211	8111	3.36	cps
Cadmium	108-1	88	63	46	65	32.13	cps
Calcium	43-1	3869116	3970685	4012584	3950795	1.87	cps
Calcium	44-1	62096320	64054689	64038899	63396636	1.78	cps
Chromium	52-2	5941	6358	6011	6104	3.66	cps
Cobalt	59-2	15969	15762	15735	15822	0.81	cps
Copper	63-2	8486	8389	8322	8399	0.98	cps
Dysprosium	156-1	133	117	158	136	15.41	cps
Dysprosium	156-2	83	83	100	89	10.82	cps
Erbium	164-1	208	150	167	175	17.17	cps
Erbium	164-2	103	110	73	96	20.44	cps
Gadolinium	160-1	242	275	283	267	8.27	cps
Gadolinium	160-2	317	327	223	289	19.73	cps
Holmium	165-1	21652223	22264012	22434492	22116909	1.86	cps
Holmium	165-2	11696659	11674432	11637228	11669440	0.26	cps
Indium	115-1	20129820	20486627	20577298	20397915	1.16	cps
Indium	115-2	4173700	4106269	4078436	4119468	1.19	cps
Iron	56-2	36568112	36857729	36580662	36668834	0.45	cps
Iron	57-2	902378	913568	905904	907283	0.63	cps
Lead	206-1	4734	4279	4290	4434	5.86	cps
Lead	207-1	4195	4123	3506	3941	9.61	cps
Lead	208-1	19206	17905	16677	17929	7.05	cps
Lithium	6-1	5849532	6007010	6029698	5962080	1.65	cps
Magnesium	24-2	4808020	4755418	4722347	4761929	0.91	cps
Manganese	55-2	5631573	5620066	5618567	5623402	0.13	cps

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	J3922-09	Instrumnet Name :	P7
Client Sample ID :	SS037MW202-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 16:26:33	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	19733	17703	17102	18179	7.58	cps
Molybdenum	95-1	29250	28379	26793	28141	4.43	cps
Molybdenum	96-1	32777	30066	28671	30505	6.84	cps
Molybdenum	97-1	19133	16827	16994	17651	7.28	cps
Molybdenum	98-1	47350	44304	43367	45007	4.63	cps
Neodymium	150-1	187	240	193	207	14.06	cps
Neodymium	150-2	33	50	50	44	21.66	cps
Nickel	60-2	4918	4864	4758	4846	1.68	cps
Phosphorus	31-2	858	1100	1108	1022	13.89	cps
Potassium	39-2	778751	776040	766933	773908	0.80	cps
Rhodium	103-1	17004646	17334514	17396383	17245181	1.22	cps
Rhodium	103-2	8538433	8538560	8495124	8524039	0.29	cps
Scandium	45-1	12336104	12643311	12604207	12527874	1.33	cps
Scandium	45-2	592225	588323	581639	587396	0.91	cps
Selenium	77-2	30	23	17	23	28.56	cps
Selenium	78-2	81	111	133	109	23.95	cps
Selenium	82-1	162	66	266	164	60.79	cps
Silicon	28-1	104155350	105951667	107380094	105829037	1.53	cps
Silver	109-1	11539	10663	9153	10452	11.54	cps
Silver	107-1	11981	10746	10362	11030	7.67	cps
Sodium	23-2	34107428	33416925	33660677	33728343	1.04	cps
Strontium	86-1	2717108	2784113	2787084	2762768	1.43	cps
Strontium	88-1	23682529	24011990	24200321	23964946	1.09	cps
Sulfur	34-1	504420	511175	517568	511054	1.29	cps
Terbium	159-1	22760790	22930191	23128508	22939830	0.80	cps
Terbium	159-2	11778104	11801567	11806709	11795460	0.13	cps
Thallium	203-1	8678	5501	3551	5910	43.79	cps
Thallium	205-1	20358	13574	8962	14298	40.09	cps
Tin	118-1	19723	22051	22561	21445	7.05	cps
Titanium	47-1	2825	2650	2442	2639	7.27	cps
Uranium	238-1	4084	3534	3676	3765	7.59	cps
Vanadium	51-2	2007	2034	2127	2056	3.07	cps
Yttrium	89-1	19311016	19778068	19737290	19608792	1.32	cps
Yttrium	89-2	3010719	2996212	2973960	2993630	0.62	cps
Zinc	66-2	9663	9423	9253	9447	2.18	cps
Zirconium	90-1	7614	5193	5768	6192	20.42	cps

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	J3922-09	Instrumnet Name :	P7
Client Sample ID :	SS037MW202-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 16:26:33	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1559	1233	1183	1325	15.37	cps

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	J3922-12	Instrumnet Name :	P7
Client Sample ID :	DUP-0495-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 16:30:10	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	958	942	858	920	5.83	cps
Antimony	121-1	14108	14933	15643	14895	5.16	cps
Arsenic	75-2	6148	6205	6311	6221	1.33	cps
Barium	135-1	1134345	1128776	1139540	1134220	0.47	cps
Barium	137-1	1968937	1980185	1980459	1976527	0.33	cps
Beryllium	9-1	150	78	139	122	31.82	cps
Bismuth	209-1	13626868	13795182	13886763	13769604	0.96	cps
Bismuth	209-2	7879566	7952048	7988497	7940037	0.70	cps
Boron	10-1	109412	111991	113491	111631	1.85	cps
Boron	11-1	548700	561877	565758	558778	1.60	cps
Cadmium	111-1	5608	5767	5406	5594	3.24	cps
Cadmium	106-1	7903	8128	7619	7883	3.23	cps
Cadmium	108-1	33	8	33	25	57.74	cps
Calcium	43-1	4804776	4773906	4769482	4782721	0.40	cps
Calcium	44-1	77142618	77022129	76807233	76990660	0.22	cps
Chromium	52-2	4191	3937	4144	4091	3.30	cps
Cobalt	59-2	6418	6742	6698	6619	2.65	cps
Copper	63-2	7585	7599	7595	7593	0.09	cps
Dysprosium	156-1	50	75	50	58	24.74	cps
Dysprosium	156-2	63	23	53	47	44.61	cps
Erbium	164-1	75	167	67	103	53.99	cps
Erbium	164-2	80	67	37	61	36.31	cps
Gadolinium	160-1	208	167	233	203	16.61	cps
Gadolinium	160-2	267	317	270	284	9.83	cps
Holmium	165-1	22720599	22923840	22933482	22859307	0.53	cps
Holmium	165-2	11749174	11815474	11771069	11778572	0.29	cps
Indium	115-1	20053089	20066476	20053997	20057854	0.04	cps
Indium	115-2	3907536	3917867	3902525	3909309	0.20	cps
Iron	56-2	6866088	6859891	6861097	6862359	0.05	cps
Iron	57-2	189293	187493	188579	188455	0.48	cps
Lead	206-1	4912	4768	5057	4912	2.94	cps
Lead	207-1	4240	4390	4123	4251	3.15	cps
Lead	208-1	19478	18978	19095	19184	1.36	cps
Lithium	6-1	5553284	5498306	5484561	5512050	0.66	cps
Magnesium	24-2	4657998	4664988	4666936	4663307	0.10	cps
Manganese	55-2	1556408	1554005	1551177	1553863	0.17	cps

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	J3922-12	Instrumnet Name :	P7
Client Sample ID :	DUP-0495-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 16:30:10	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7761	8161	7819	7914	2.73	cps
Molybdenum	95-1	12356	12581	12306	12414	1.18	cps
Molybdenum	96-1	13440	13048	13007	13165	1.82	cps
Molybdenum	97-1	7611	7586	7652	7616	0.44	cps
Molybdenum	98-1	20340	20031	19756	20042	1.46	cps
Neodymium	150-1	160	140	140	147	7.87	cps
Neodymium	150-2	23	33	23	27	21.65	cps
Nickel	60-2	5701	5624	5524	5617	1.58	cps
Phosphorus	31-2	508	542	542	531	3.63	cps
Potassium	39-2	795365	786726	795798	792629	0.65	cps
Rhodium	103-1	17368259	17499872	17483758	17450630	0.41	cps
Rhodium	103-2	8383613	8437505	8390418	8403845	0.35	cps
Scandium	45-1	12505609	12465897	12378541	12450016	0.52	cps
Scandium	45-2	570737	562732	563469	565646	0.78	cps
Selenium	77-2	10	17	13	13	25.01	cps
Selenium	78-2	102	152	137	130	19.72	cps
Selenium	82-1	528	507	480	505	4.81	cps
Silicon	28-1	90421265	90356010	90129758	90302344	0.17	cps
Silver	109-1	5568	5835	5560	5654	2.77	cps
Silver	107-1	6268	6502	6093	6288	3.26	cps
Sodium	23-2	29884748	29641516	29754586	29760283	0.41	cps
Strontium	86-1	2978761	2963466	2991779	2978002	0.48	cps
Strontium	88-1	25924703	25884352	25829959	25879671	0.18	cps
Sulfur	34-1	1078490	1070434	1079348	1076091	0.46	cps
Terbium	159-1	23448283	23608203	23526727	23527738	0.34	cps
Terbium	159-2	11868090	11768856	11805913	11814286	0.42	cps
Thallium	203-1	1250	967	967	1061	15.42	cps
Thallium	205-1	2500	2275	2025	2267	10.48	cps
Tin	118-1	20249	21767	21217	21078	3.65	cps
Titanium	47-1	1900	1992	1992	1961	2.70	cps
Uranium	238-1	54357	53763	54490	54203	0.71	cps
Vanadium	51-2	12569	12305	12862	12579	2.22	cps
Yttrium	89-1	19721453	19906869	19859372	19829232	0.49	cps
Yttrium	89-2	2902029	2899653	2892258	2897980	0.18	cps
Zinc	66-2	21903	21850	21499	21751	1.01	cps
Zirconium	90-1	2984	2884	2792	2887	3.32	cps

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	J3922-12	Instrumnet Name :	P7
Client Sample ID :	DUP-0495-180709	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 16:30:10	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	542	650	525	572	11.86	cps

LB Number : LB97278 Operator : Jaswal
 Lab Sample ID : J3922-09RE Instrumnet Name : P7
 Client Sample ID : SS037MW202-180709RE Dilution Factor : 1
 Date & Time Acquired :: 2018-08-13 16:33:48 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	433	800	550	594	31.51	cps
Antimony	121-1	18822	19055	19439	19105	1.63	cps
Arsenic	75-2	40463	40164	39723	40117	0.93	cps
Barium	135-1	1394109	1414394	1405164	1404556	0.72	cps
Barium	137-1	2415147	2433682	2461577	2436802	0.96	cps
Beryllium	9-1	156	183	156	165	9.73	cps
Bismuth	209-1	13692229	14036659	14127033	13951974	1.64	cps
Bismuth	209-2	7977763	8004062	8009598	7997141	0.21	cps
Boron	10-1	77525	79468	80540	79178	1.93	cps
Boron	11-1	390209	401679	403560	398483	1.81	cps
Cadmium	111-1	4936	5325	4815	5025	5.30	cps
Cadmium	106-1	7019	7502	6819	7113	4.94	cps
Cadmium	108-1	50	8	29	29	71.43	cps
Calcium	43-1	3605401	3601597	3621826	3609608	0.30	cps
Calcium	44-1	57917272	57966449	58168405	58017376	0.23	cps
Chromium	52-2	6168	6085	6295	6182	1.71	cps
Cobalt	59-2	14107	14154	13783	14015	1.44	cps
Copper	63-2	6625	7136	6665	6809	4.17	cps
Dysprosium	156-1	208	175	183	189	9.19	cps
Dysprosium	156-2	67	73	63	68	7.51	cps
Erbium	164-1	183	200	150	178	14.32	cps
Erbium	164-2	93	53	77	74	27.00	cps
Gadolinium	160-1	308	225	183	239	26.64	cps
Gadolinium	160-2	237	357	233	276	25.50	cps
Holmium	165-1	21996110	22707883	22997135	22567043	2.28	cps
Holmium	165-2	11516387	11475529	11523561	11505159	0.23	cps
Indium	115-1	18799820	19260558	19311553	19123977	1.47	cps
Indium	115-2	3636648	3573493	3618624	3609588	0.90	cps
Iron	56-2	32232471	32015188	32018873	32088844	0.39	cps
Iron	57-2	806068	805941	803578	805196	0.17	cps
Lead	206-1	2489	2795	2556	2613	6.15	cps
Lead	207-1	2117	2317	2089	2174	5.72	cps
Lead	208-1	10063	10819	10224	10369	3.84	cps
Lithium	6-1	5065550	5162380	5090036	5105989	0.99	cps
Magnesium	24-2	4110993	4083485	4040768	4078416	0.87	cps
Manganese	55-2	4896202	4874811	4866650	4879221	0.31	cps

LB Number : LB97278 Operator : Jaswal
 Lab Sample ID : J3922-09RE Instrumnet Name : P7
 Client Sample ID : SS037MW202-180709RE Dilution Factor : 1
 Date & Time Acquired :: 2018-08-13 16:33:48 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12306	12389	12456	12384	0.61	cps
Molybdenum	95-1	19981	20582	19956	20173	1.76	cps
Molybdenum	96-1	21242	21742	22118	21701	2.03	cps
Molybdenum	97-1	11922	12431	12564	12306	2.75	cps
Molybdenum	98-1	31519	31394	32591	31834	2.07	cps
Neodymium	150-1	293	160	293	249	30.93	cps
Neodymium	150-2	37	40	27	34	20.14	cps
Nickel	60-2	4194	4157	4264	4205	1.29	cps
Phosphorus	31-2	892	808	858	853	4.92	cps
Potassium	39-2	643482	637476	639380	640113	0.48	cps
Rhodium	103-1	16389698	16770040	16748320	16636019	1.28	cps
Rhodium	103-2	7911690	7683441	7890217	7828449	1.61	cps
Scandium	45-1	11289125	11637422	11639614	11522054	1.75	cps
Scandium	45-2	502889	502868	500092	501949	0.32	cps
Selenium	77-2	23	20	13	19	26.96	cps
Selenium	78-2	102	113	81	99	16.17	cps
Selenium	82-1	271	343	136	250	42.00	cps
Silicon	28-1	93836273	94786277	93183454	93935335	0.86	cps
Silver	109-1	5193	4801	5176	5057	4.38	cps
Silver	107-1	5643	5685	5418	5582	2.57	cps
Sodium	23-2	29265648	29181770	28906252	29117890	0.65	cps
Strontium	86-1	2579352	2586522	2612473	2592782	0.67	cps
Strontium	88-1	22543109	22756641	22821730	22707160	0.64	cps
Sulfur	34-1	498054	494677	489934	494221	0.83	cps
Terbium	159-1	22614461	23364050	23498820	23159110	2.06	cps
Terbium	159-2	11495530	11534494	11500638	11510221	0.18	cps
Thallium	203-1	442	333	517	431	21.41	cps
Thallium	205-1	1117	1017	967	1033	7.39	cps
Tin	118-1	35813	36966	37467	36749	2.31	cps
Titanium	47-1	4017	4251	4176	4148	2.87	cps
Uranium	238-1	2075	1784	2142	2000	9.53	cps
Vanadium	51-2	2087	2224	2114	2141	3.38	cps
Yttrium	89-1	18373738	18808317	18822207	18668087	1.37	cps
Yttrium	89-2	2675126	2611215	2655538	2647293	1.24	cps
Zinc	66-2	7482	7322	7078	7294	2.79	cps
Zirconium	90-1	4101	4110	3926	4046	2.56	cps

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	J3922-09RE	Instrumnet Name :	P7
Client Sample ID :	SS037MW202-180709RE	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 16:33:48	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1142	875	1058	1025	13.31	cps

LB Number : LB97278 Operator : Jaswal
 Lab Sample ID : J3922-12RE Instrumnet Name : P7
 Client Sample ID : DUP-0495-180709RE Dilution Factor : 1
 Date & Time Acquired :: 2018-08-13 16:56:03 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	758	700	750	736	4.29	cps
Antimony	121-1	15267	12056	10880	12734	17.83	cps
Arsenic	75-2	5533	5384	5321	5413	2.00	cps
Barium	135-1	1071852	1075196	1092320	1079789	1.02	cps
Barium	137-1	1863327	1894250	1898138	1885238	1.01	cps
Beryllium	9-1	89	44	78	70	32.86	cps
Bismuth	209-1	14532974	14790126	14663532	14662210	0.88	cps
Bismuth	209-2	8440501	8288661	8404383	8377848	0.95	cps
Boron	10-1	99787	102043	104686	102172	2.40	cps
Boron	11-1	487141	502279	512950	500790	2.59	cps
Cadmium	111-1	4267	4877	4630	4592	6.68	cps
Cadmium	106-1	6018	6927	6627	6524	7.10	cps
Cadmium	108-1	29	25	42	32	27.15	cps
Calcium	43-1	4175351	4161661	4173992	4170334	0.18	cps
Calcium	44-1	66782964	67264770	67307214	67118316	0.43	cps
Chromium	52-2	3694	3691	3567	3651	1.98	cps
Cobalt	59-2	5701	5771	6018	5830	2.85	cps
Copper	63-2	5508	5481	5601	5530	1.14	cps
Dysprosium	156-1	125	58	58	81	47.78	cps
Dysprosium	156-2	47	43	53	48	10.66	cps
Erbium	164-1	58	108	92	86	29.56	cps
Erbium	164-2	63	87	57	69	22.87	cps
Gadolinium	160-1	233	192	242	222	12.05	cps
Gadolinium	160-2	263	340	240	281	18.61	cps
Holmium	165-1	22730201	23381414	23425970	23179195	1.68	cps
Holmium	165-2	11813432	11627645	11720663	11720580	0.79	cps
Indium	115-1	18289485	18734421	18634791	18552899	1.26	cps
Indium	115-2	3583700	3553064	3575840	3570868	0.45	cps
Iron	56-2	6000148	5923351	5979203	5967567	0.67	cps
Iron	57-2	163775	163017	164765	163852	0.53	cps
Lead	206-1	4673	4673	4401	4582	3.43	cps
Lead	207-1	3895	3934	3795	3875	1.85	cps
Lead	208-1	18211	18456	17572	18079	2.52	cps
Lithium	6-1	5088703	5140446	5092675	5107275	0.56	cps
Magnesium	24-2	3997710	4005781	4003502	4002331	0.10	cps
Manganese	55-2	1350765	1332201	1345427	1342798	0.71	cps

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	J3922-12RE	Instrumnet Name :	P7
Client Sample ID :	DUP-0495-180709RE	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 16:56:03	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6677	5885	6110	6224	6.56	cps
Molybdenum	95-1	10463	9712	9871	10015	3.95	cps
Molybdenum	96-1	10755	10671	11155	10860	2.38	cps
Molybdenum	97-1	6077	6243	6477	6266	3.21	cps
Molybdenum	98-1	15693	16343	15534	15857	2.70	cps
Neodymium	150-1	133	140	113	129	10.77	cps
Neodymium	150-2	37	13	27	26	45.82	cps
Nickel	60-2	5184	5101	5111	5132	0.89	cps
Phosphorus	31-2	467	525	492	494	5.92	cps
Potassium	39-2	663982	655394	665438	661605	0.82	cps
Rhodium	103-1	16114963	16354861	16212159	16227328	0.74	cps
Rhodium	103-2	7857765	7783307	7885462	7842178	0.67	cps
Scandium	45-1	10984741	11063999	10977610	11008783	0.44	cps
Scandium	45-2	487036	483034	486462	485511	0.45	cps
Selenium	77-2	20	23	13	19	26.96	cps
Selenium	78-2	109	72	120	101	25.06	cps
Selenium	82-1	252	370	349	324	19.33	cps
Silicon	28-1	79799527	79117764	79473714	79463668	0.43	cps
Silver	109-1	3859	3959	3309	3709	9.44	cps
Silver	107-1	4234	3851	3976	4020	4.86	cps
Sodium	23-2	25504494	25487185	25747828	25579836	0.57	cps
Strontium	86-1	2649980	2647789	2677686	2658485	0.63	cps
Strontium	88-1	23441186	23304639	23545811	23430545	0.52	cps
Sulfur	34-1	986811	966505	960477	971264	1.42	cps
Terbium	159-1	23228191	23825281	23669041	23574171	1.31	cps
Terbium	159-2	11645392	11686036	11701405	11677611	0.25	cps
Thallium	203-1	967	842	758	856	12.26	cps
Thallium	205-1	2367	1975	1784	2042	14.56	cps
Tin	118-1	15284	16469	16686	16146	4.67	cps
Titanium	47-1	1775	1575	1884	1745	8.97	cps
Uranium	238-1	57051	56817	58575	57481	1.66	cps
Vanadium	51-2	10844	10534	10584	10654	1.56	cps
Yttrium	89-1	18097130	18091422	18178538	18122364	0.27	cps
Yttrium	89-2	2613953	2591436	2620921	2608770	0.59	cps
Zinc	66-2	12499	12782	12986	12756	1.92	cps
Zirconium	90-1	2159	2392	2117	2222	6.67	cps

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	J3922-12RE	Instrumnet Name :	P7
Client Sample ID :	DUP-0495-180709RE	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 16:56:03	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	450	592	508	517	13.78	cps

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	CCV60	Instrumnet Name :	P7
Client Sample ID :	CCV60	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 16:59:41	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7745394	7837755	7909415	7830855	1.05	cps
Antimony	121-1	6491213	6545605	6558443	6531754	0.55	cps
Arsenic	75-2	243517	245944	246125	245195	0.59	cps
Barium	135-1	8471968	8375950	8405699	8417872	0.58	cps
Barium	137-1	14806866	14673566	14664752	14715061	0.54	cps
Beryllium	9-1	1633713	1639764	1639660	1637713	0.21	cps
Bismuth	209-1	13462528	13322697	13326796	13370674	0.60	cps
Bismuth	209-2	7938647	8040393	7975958	7984999	0.64	cps
Boron	10-1	229766	231473	236640	232626	1.54	cps
Boron	11-1	1081840	1100371	1120114	1100775	1.74	cps
Cadmium	111-1	1770486	1771685	1775018	1772396	0.13	cps
Cadmium	106-1	201320	203339	206147	203602	1.19	cps
Cadmium	108-1	135247	134274	135150	134890	0.40	cps
Calcium	43-1	10642505	10581587	10649082	10624391	0.35	cps
Calcium	44-1	171030791	169846337	171949583	170942237	0.62	cps
Chromium	52-2	2336632	2348213	2343653	2342833	0.25	cps
Cobalt	59-2	3626403	3647103	3657068	3643525	0.43	cps
Copper	63-2	5012277	5017913	5035004	5021731	0.24	cps
Dysprosium	156-1	225	158	167	183	19.81	cps
Dysprosium	156-2	193	133	173	167	18.33	cps
Erbium	164-1	108	100	133	114	15.23	cps
Erbium	164-2	50	57	57	54	7.07	cps
Gadolinium	160-1	300	183	167	217	33.53	cps
Gadolinium	160-2	253	303	330	296	13.17	cps
Holmium	165-1	23161001	23192348	23164940	23172763	0.07	cps
Holmium	165-2	12263518	12462058	12288877	12338151	0.88	cps
Indium	115-1	17396018	17408577	17530614	17445070	0.43	cps
Indium	115-2	3666064	3725850	3712724	3701546	0.85	cps
Iron	56-2	480712022	479152600	483505455	481123359	0.46	cps
Iron	57-2	11950486	11967967	12015636	11978030	0.28	cps
Lead	206-1	5467351	5439579	5457872	5454934	0.26	cps
Lead	207-1	4910929	4881360	4888478	4893589	0.32	cps
Lead	208-1	22080523	21900214	21923909	21968215	0.45	cps
Lithium	6-1	5025141	5047763	5081367	5051424	0.56	cps
Magnesium	24-2	88506248	88460552	89261190	88742663	0.51	cps
Manganese	55-2	2697675	2704538	2725477	2709230	0.53	cps

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	CCV60	Instrumnet Name :	P7
Client Sample ID :	CCV60	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 16:59:41	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	14284186	14251614	14409935	14315245	0.58	cps
Molybdenum	95-1	17573951	17463518	17643965	17560478	0.52	cps
Molybdenum	96-1	19566539	19263939	19384941	19405140	0.78	cps
Molybdenum	97-1	10970777	10902734	10878958	10917490	0.44	cps
Molybdenum	98-1	28192390	28377314	28378821	28316175	0.38	cps
Neodymium	150-1	633	680	633	649	4.15	cps
Neodymium	150-2	110	113	107	110	3.03	cps
Nickel	60-2	961967	963623	968883	964824	0.37	cps
Phosphorus	31-2	83785	82470	84070	83442	1.02	cps
Potassium	39-2	42164348	42285302	42720530	42390060	0.69	cps
Rhodium	103-1	15662373	15631309	15797130	15696937	0.56	cps
Rhodium	103-2	7848847	7982182	7946207	7925745	0.87	cps
Scandium	45-1	11371597	11362624	11469098	11401107	0.52	cps
Scandium	45-2	541877	555934	556023	551278	1.48	cps
Selenium	77-2	6228	5991	6361	6194	3.03	cps
Selenium	78-2	20949	21227	21154	21110	0.68	cps
Selenium	82-1	123298	125124	125524	124648	0.95	cps
Silicon	28-1	5241308	5323459	5437609	5334125	1.85	cps
Silver	109-1	8206846	8135468	8141486	8161267	0.49	cps
Silver	107-1	8512336	8442217	8538698	8497750	0.59	cps
Sodium	23-2	167511508	168538008	170433829	168827782	0.88	cps
Strontium	86-1	2200388	2209584	2243181	2217718	1.02	cps
Strontium	88-1	19386778	19444011	19648041	19492943	0.70	cps
Sulfur	34-1	1286359	1277785	1273526	1279224	0.51	cps
Terbium	159-1	23605256	23621837	23660212	23629102	0.12	cps
Terbium	159-2	12192021	12335590	12245572	12257728	0.59	cps
Thallium	203-1	6733079	6659976	6657811	6683622	0.64	cps
Thallium	205-1	15873175	15717244	15681062	15757160	0.65	cps
Tin	118-1	5645998	5699479	5753354	5699610	0.94	cps
Titanium	47-1	4941196	4956128	4988760	4962028	0.49	cps
Uranium	238-1	23573154	22998237	23068454	23213282	1.35	cps
Vanadium	51-2	1851462	1844887	1857943	1851431	0.35	cps
Yttrium	89-1	18320411	18463503	18479464	18421126	0.48	cps
Yttrium	89-2	2866216	2926955	2921923	2905031	1.16	cps
Zinc	66-2	716662	715917	717317	716632	0.10	cps
Zirconium	90-1	12077372	12009145	12036563	12041027	0.29	cps

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	CCV60	Instrumnet Name :	P7
Client Sample ID :	CCV60	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 16:59:41	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2649789	2644562	2658371	2650907	0.26	cps

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	CCB60	Instrumnet Name :	P7
Client Sample ID :	CCB60	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 17:03:23	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	192	258	325	258	25.81	cps
Antimony	121-1	4434	4476	4451	4454	0.47	cps
Arsenic	75-2	26	19	31	25	25.69	cps
Barium	135-1	725	533	325	528	37.91	cps
Barium	137-1	1083	858	575	839	30.37	cps
Beryllium	9-1	244	233	200	226	10.24	cps
Bismuth	209-1	14890859	15326872	15313391	15177040	1.63	cps
Bismuth	209-2	9090647	9001017	8953421	9015028	0.77	cps
Boron	10-1	9278	8428	7744	8483	9.06	cps
Boron	11-1	43531	40839	37255	40542	7.77	cps
Cadmium	111-1	6310	6027	5615	5984	5.84	cps
Cadmium	106-1	8628	8311	7736	8225	5.50	cps
Cadmium	108-1	67	58	54	60	10.66	cps
Calcium	43-1	1267	1000	583	950	36.25	cps
Calcium	44-1	34108	30074	26149	30110	13.22	cps
Chromium	52-2	817	830	847	831	1.81	cps
Cobalt	59-2	157	137	163	152	9.12	cps
Copper	63-2	1713	1570	1603	1629	4.61	cps
Dysprosium	156-1	25	8	0	11	114.58	cps
Dysprosium	156-2	10	0	3	4	114.60	cps
Erbium	164-1	125	42	42	69	69.28	cps
Erbium	164-2	20	17	50	29	63.54	cps
Gadolinium	160-1	200	175	225	200	12.50	cps
Gadolinium	160-2	313	317	250	293	12.81	cps
Holmium	165-1	23456098	24281239	24044114	23927150	1.78	cps
Holmium	165-2	12662170	12600144	12558396	12606903	0.41	cps
Indium	115-1	18818597	19441189	19202010	19153932	1.64	cps
Indium	115-2	3980297	3982627	3975963	3979629	0.08	cps
Iron	56-2	25183	22991	23386	23853	4.90	cps
Iron	57-2	717	683	783	728	7.00	cps
Lead	206-1	1261	1267	1128	1219	6.45	cps
Lead	207-1	1061	1111	1061	1078	2.68	cps
Lead	208-1	5217	4850	4845	4971	4.29	cps
Lithium	6-1	5442848	5621213	5595177	5553079	1.74	cps
Magnesium	24-2	3226	2600	2517	2781	13.93	cps
Manganese	55-2	180	190	193	188	3.70	cps

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	CCB60	Instrumnet Name :	P7
Client Sample ID :	CCB60	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 17:03:23	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5118	4776	4318	4737	8.48	cps
Molybdenum	95-1	7736	6368	5860	6655	14.58	cps
Molybdenum	96-1	8403	6844	6127	7124	16.34	cps
Molybdenum	97-1	4501	4084	3484	4023	12.71	cps
Molybdenum	98-1	11722	10629	9020	10457	13.00	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	93	107	103	101	6.86	cps
Phosphorus	31-2	475	367	608	483	25.04	cps
Potassium	39-2	37189	38476	37139	37601	2.01	cps
Rhodium	103-1	17371653	18084508	17950353	17802171	2.13	cps
Rhodium	103-2	8844050	8864450	8810203	8839568	0.31	cps
Scandium	45-1	11927079	12077633	12157914	12054209	0.97	cps
Scandium	45-2	555123	551875	553807	553602	0.30	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	107	87	107	101	11.69	cps
Selenium	82-1	-6	-147	128	-8	-1710.73	cps
Silicon	28-1	382762	374529	376014	377768	1.16	cps
Silver	109-1	1492	1350	983	1275	20.58	cps
Silver	107-1	1634	1400	1350	1461	10.35	cps
Sodium	23-2	33806	32570	31542	32639	3.47	cps
Strontium	86-1	1258	1150	1233	1214	4.67	cps
Strontium	88-1	1750	1250	992	1331	28.98	cps
Sulfur	34-1	523630	521502	523949	523027	0.25	cps
Terbium	159-1	23931772	24980617	24625790	24512726	2.18	cps
Terbium	159-2	12619220	12620085	12475547	12571617	0.66	cps
Thallium	203-1	2800	2250	2167	2406	14.31	cps
Thallium	205-1	6660	5860	5151	5890	12.82	cps
Tin	118-1	5551	5118	4951	5207	5.95	cps
Titanium	47-1	608	567	467	547	13.31	cps
Uranium	238-1	2175	1567	1267	1670	27.72	cps
Vanadium	51-2	73	100	80	84	16.44	cps
Yttrium	89-1	19019730	19576960	19404980	19333890	1.48	cps
Yttrium	89-2	2983350	2972871	2966748	2974323	0.28	cps
Zinc	66-2	2854	2627	2570	2684	5.59	cps
Zirconium	90-1	3592	3301	3092	3328	7.55	cps

LB Number :	LB97278	Operator :	Jaswal
Lab Sample ID :	CCB60	Instrumnet Name :	P7
Client Sample ID :	CCB60	Dilution Factor :	1
Date & Time Acquired ::	2018-08-13 17:03:23	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	667	542	633	614	10.54	cps