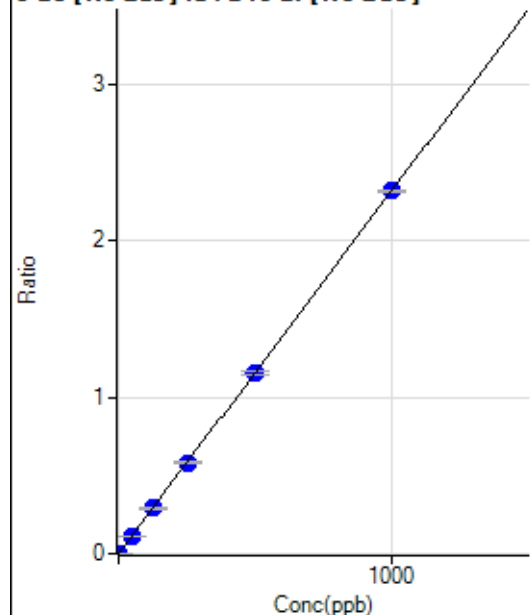


Batch Folder: D:\ICP-MS Data\P7092817 MS.b\
Analysis File: P7092817 MS.batch.bin
DA Date-Time: 2017-09-28 16:24:21
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2017-09-28 12:49:33
2	005CALS.d	S01	2017-09-28 12:52:59
3	006CALS.d	S02	2017-09-28 12:57:33
4	007CALS.d	S03	2017-09-28 13:01:17
5	008CALS.d	S04	2017-09-28 13:05:14
6	009CALS.d	S05	2017-09-28 13:08:52
7	010CALS.d	S06	2017-09-28 13:12:25
8	011CALS.d	S07	2017-09-28 13:15:55
9	012CALS.d	S08	2017-09-28 13:19:22

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0001	P	16.6
2	☐	0.100	0.070	140.74	0.0002	P	15.1
3	☐	1.000	0.883	1359.36	0.0021	P	4.7
4	☐	50.000	49.772	76309.81	0.1155	P	0.7
5	☐	125.000	124.947	193312.72	0.2898	P	0.8
6	☐	250.000	251.399	393758.74	0.5831	P	1.5
7	☐	500.000	498.447	792370.02	1.1561	P	1.2
8	☐	1000.000	1000.445	1523454.71	2.3204	P	0.4
9	☐			77.78	0.0001	P	18.2

$$y = 0.0023 * x + 5.1492E-005$$

$$R = 1.0000$$

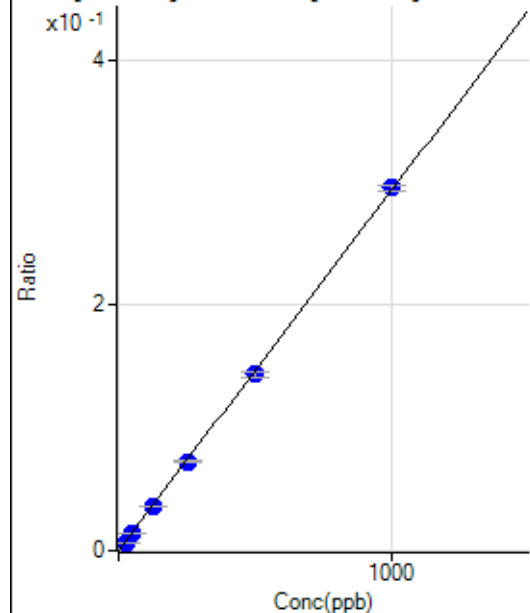
$$DL = 0.01107$$

$$BEC = 0.0222$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	133.34	0.0002	P	11.0
2	☐	2.500	2.049	530.59	0.0008	P	15.5
3	☐	25.000	20.970	4117.41	0.0064	P	1.7
4	☐	50.000	47.276	9297.69	0.0141	P	1.6
5	☐	125.000	121.483	23900.25	0.0358	P	3.0
6	☐	250.000	246.217	48904.97	0.0724	P	1.4
7	☐	500.000	489.317	98491.91	0.1437	P	2.9
8	☐	1000.000	1006.965	194031.38	0.2955	P	1.5
9	☐			4431.39	0.0081	P	3.7

$$y = 2.9327E-004 * x + 2.0601E-004$$

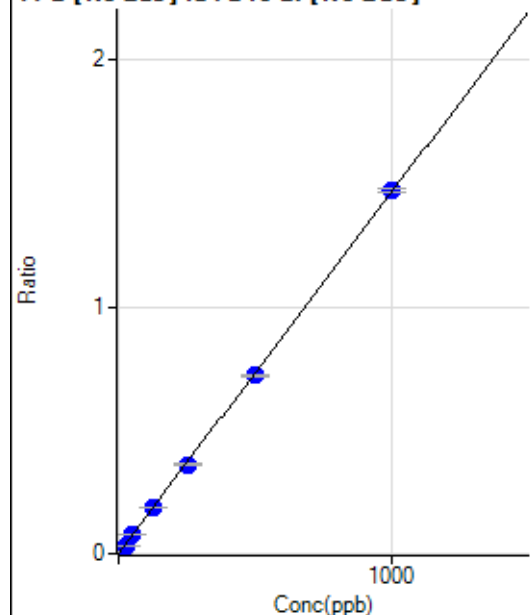
$$R = 0.9999$$

$$DL = 0.2326$$

$$BEC = 0.7025$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	725.05	0.0011	P	7.5
2	☐	2.500	2.213	2864.29	0.0044	P	5.1
3	☐	25.000	22.433	21958.26	0.0339	P	1.4
4	☐	50.000	50.342	49348.01	0.0747	P	1.1
5	☐	125.000	125.454	123016.08	0.1844	P	1.4
6	☐	250.000	246.596	244099.51	0.3615	P	0.7
7	☐	500.000	492.757	494276.66	0.7212	P	1.2
8	☐	1000.000	1004.463	964431.66	1.4689	P	1.0
9	☐			21774.76	0.0400	P	4.4

$$y = 0.0015 * x + 0.0011$$

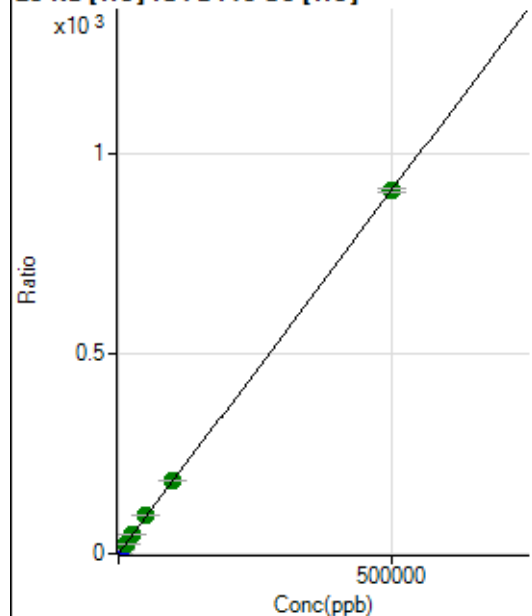
$$R = 1.0000$$

$$DL = 0.1722$$

$$BEC = 0.7665$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	25617.22	0.0834	P	1.5
2	☐	50.000	45.105	51528.04	0.1652	P	0.8
3	☐	500.000	471.477	293404.49	0.9382	P	1.6
4	☐	5000.000	5319.325	3020577.74	9.7267	P	0.7
5	☐	12500.000	13038.541	7246790.44	23.7205	A	0.9
6	☐	25000.000	26276.001	14570777.06	47.7183	A	0.9
7	☐	50000.000	52070.518	29096772.18	94.4802	A	1.3
8	☐	100000.00	101549.21	57919674.21	184.1784	A	0.4
9	☐	500000.00	499402.67	287898025.88	905.4326	A	0.9

$$y = 0.0018 * x + 0.0834$$

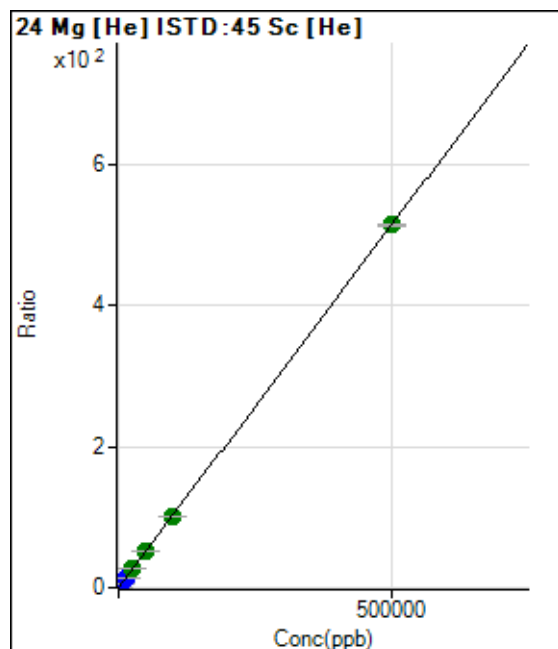
$$R = 1.0000$$

$$DL = 2.106$$

$$BEC = 46.03$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	163.90	0.0005	P	20.1
2	☐	50.000	40.729	13223.02	0.0424	P	3.9
3	☐	500.000	460.216	148103.39	0.4736	P	1.9
4	☐	5000.000	5186.456	1655643.88	5.3314	P	0.6
5	☐	12500.000	12818.757	4025371.06	13.1761	P	1.2
6	☐	25000.000	25346.774	7955349.57	26.0528	A	0.8
7	☐	50000.000	50407.361	15956081.78	51.8110	A	1.4
8	☐	100000.00	98336.586	31785519.46	101.0744	A	0.8
9	☐	500000.00	500264.81	163496593.93	514.1905	A	0.8

$$y = 0.0010 * x + 5.3352E-004$$

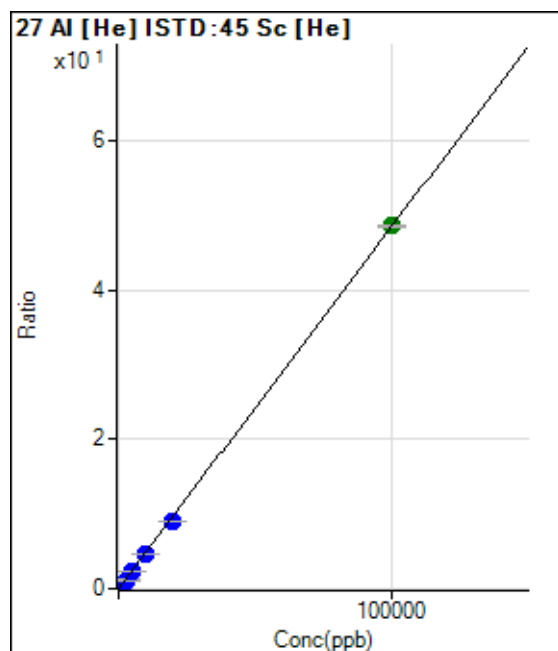
$$R = 1.0000$$

$$DL = 0.3138$$

$$BEC = 0.5191$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	61.11	0.0002	P	21.4
2	☐	2.000	1.445	280.57	0.0009	P	10.6
3	☐	20.000	17.633	2736.50	0.0087	P	7.9
4	☐	1000.000	966.317	145552.37	0.4687	P	0.9
5	☐	2500.000	2384.497	353237.69	1.1562	P	0.8
6	☐	5000.000	4754.951	703974.15	2.3055	P	1.1
7	☐	10000.000	9570.927	1429065.65	4.6403	P	1.0
8	☐	20000.000	18732.833	2856152.69	9.0822	P	0.3
9	☐	100000.00	100311.81	15464093.05	48.6329	A	0.6

$$y = 4.8482E-004 * x + 1.9922E-004$$

$$R = 0.9999$$

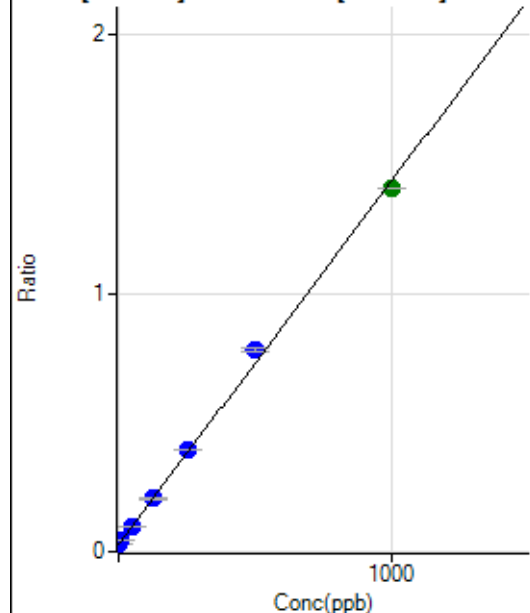
$$DL = 0.2637$$

$$BEC = 0.4109$$

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	153544.78	0.0271	P	1.1
2	☐	1.000	1.247	163911.20	0.0288	P	1.0
3	☐	10.000	12.423	248096.89	0.0446	P	1.5
4	☐	50.000	50.257	546934.79	0.0978	P	0.4
5	☐	125.000	126.869	1147638.71	0.2056	P	1.3
6	☐	250.000	261.167	2186731.88	0.3946	P	1.4
7	☐	500.000	536.420	4402793.07	0.7820	P	1.6
8	☐	1000.000	978.727	7833278.12	1.4045	A	0.1
9	☐			513936.53	0.0991	P	4.1

$$y = 0.0014 * x + 0.0271$$

$$R = 0.9990$$

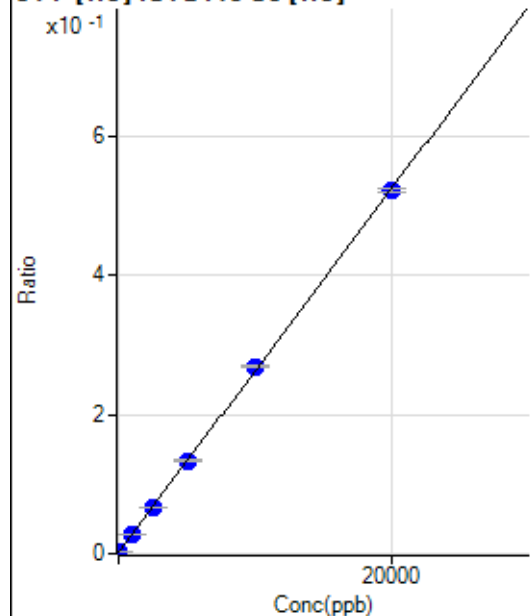
$$DL = 0.6453$$

$$BEC = 19.25$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	1.566	538.92	0.0018	P	9.1
2	☐	0.000	-6.990	477.81	0.0015	P	17.3
3	☐	0.000	5.424	580.60	0.0019	P	3.7
4	☐	1000.000	1017.070	8777.97	0.0283	P	1.6
5	☐	2500.000	2476.452	20272.88	0.0664	P	1.8
6	☐	5000.000	5052.832	40798.36	0.1336	P	1.4
7	☐	10000.000	10205.144	82570.08	0.2681	P	1.1
8	☐	20000.000	19886.310	163790.19	0.5208	P	1.2
9	☐			644.48	0.0020	P	13.4

$$y = 2.6104E-005 * x + 0.0017$$

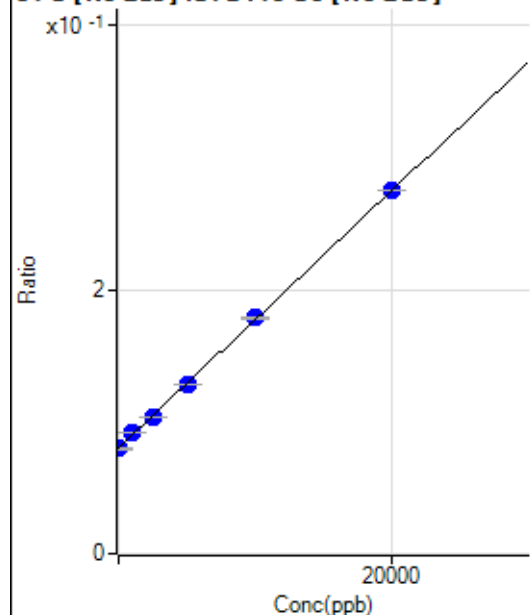
$$R = 0.9999$$

$$DL = 18.96$$

$$BEC = 65.7$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	43.995	457095.34	0.0806	P	0.4
2	☐	0.000	12.174	456493.86	0.0803	P	0.4
3	☐	0.000	-56.169	443427.88	0.0797	P	1.0
4	☐	1000.000	1219.328	514871.02	0.0921	P	0.8
5	☐	2500.000	2375.402	576754.62	0.1033	P	0.9
6	☐	5000.000	4910.277	709453.50	0.1280	P	0.7
7	☐	10000.000	10098.403	1005342.71	0.1786	P	0.5
8	☐	20000.000	19977.838	1532592.22	0.2748	P	0.2
9	☐			420135.15	0.0810	P	2.6

$$y = 9.7402\text{E-}006 * x + 0.0802$$

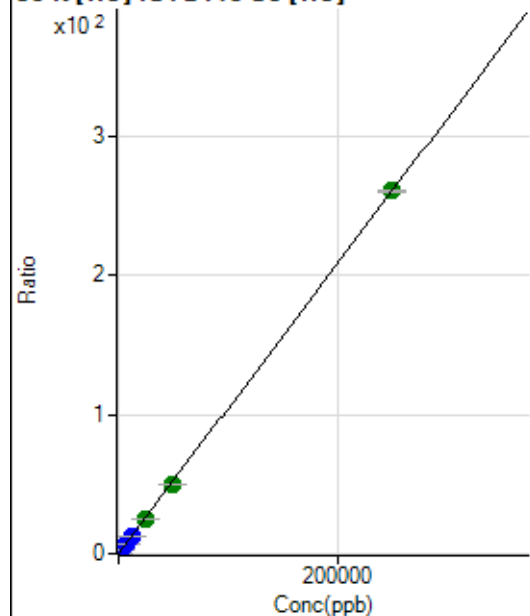
$$R = 0.9999$$

$$DL = 142.4$$

$$BEC = 8235$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	37969.22	0.1237	P	0.4
2	☐	50.000	41.433	51989.63	0.1667	P	0.2
3	☐	500.000	435.933	180227.34	0.5763	P	0.3
4	☐	2500.000	2438.473	824600.54	2.6553	P	0.1
5	☐	6250.000	6067.776	1962356.58	6.4232	P	0.6
6	☐	12500.000	12030.646	3851643.49	12.6138	P	0.6
7	☐	25000.000	24125.733	7751749.31	25.1709	A	0.3
8	☐	50000.000	47476.397	15539652.09	49.4135	A	0.5
9	☐	250000.00	250620.91	82777578.93	260.3173	A	0.3

$$y = 0.0010 * x + 0.1237$$

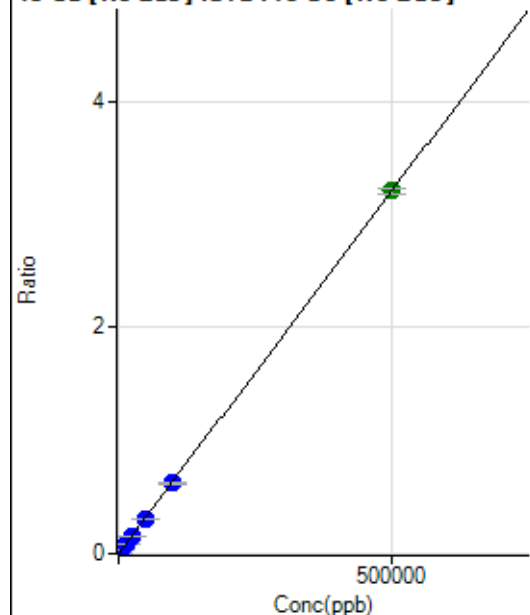
$$R = 0.9999$$

$$DL = 1.381$$

$$BEC = 119.1$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	283.35	0.0001	P	33.6
2	☐	50.000	48.193	2039.12	0.0004	P	5.5
3	☐	500.000	433.850	15753.50	0.0028	P	0.5
4	☐	5000.000	5018.691	180084.02	0.0322	P	0.9
5	☐	12500.000	12292.038	439856.41	0.0788	P	0.5
6	☐	25000.000	24626.919	874662.17	0.1579	P	0.8
7	☐	50000.000	48736.648	1758468.38	0.3123	P	0.5
8	☐	100000.00	97069.654	3469188.49	0.6220	P	0.4
9	☐	500000.00	500736.13	16636233.88	3.2086	A	1.4

$$y = 6.4077\text{E-}006 * x + 5.0031\text{E-}005$$

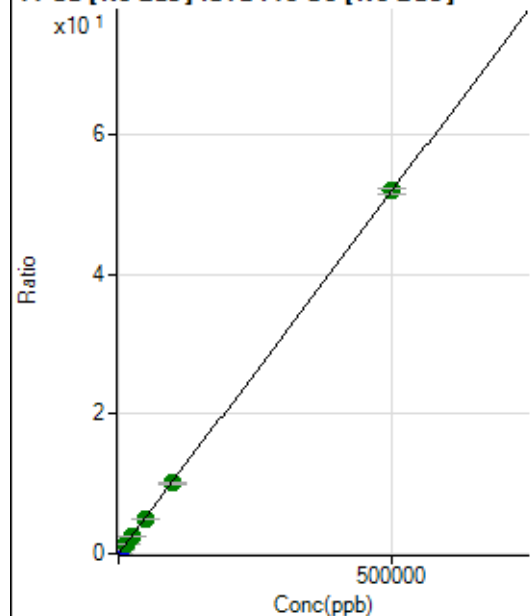
$$R = 1.0000$$

$$DL = 7.871$$

$$BEC = 7.808$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	51666.40	0.0091	P	1.8
2	☐	50.000	41.999	76559.43	0.0135	P	2.1
3	☐	500.000	440.374	305049.88	0.0548	P	0.2
4	☐	5000.000	4966.579	2931890.73	0.5244	P	0.3
5	☐	12500.000	12228.996	7131428.72	1.2778	A	0.3
6	☐	25000.000	24542.727	14159247.02	2.5552	A	0.2
7	☐	50000.000	48294.067	28258487.79	5.0193	A	0.6
8	☐	100000.00	97031.063	56190920.01	10.0754	A	0.7
9	☐	500000.00	500794.41	269420444.91	51.9629	A	1.4

$$y = 1.0374\text{E-}004 * x + 0.0091$$

$$R = 1.0000$$

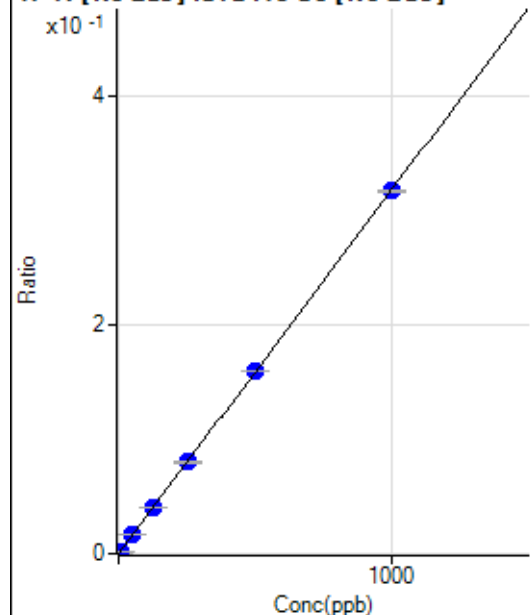
$$DL = 4.708$$

$$BEC = 87.86$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	141.67	0.0000	P	45.7
2	☐	0.500	0.444	941.74	0.0002	P	8.7
3	☐	5.000	4.422	7944.13	0.0014	P	2.4
4	☐	50.000	51.580	91592.19	0.0164	P	1.7
5	☐	125.000	127.773	226268.06	0.0405	P	0.3
6	☐	250.000	251.323	441728.78	0.0797	P	0.7
7	☐	500.000	502.646	897495.71	0.1594	P	0.8
8	☐	1000.000	997.924	1764959.24	0.3165	P	0.7
9	☐			2331.47	0.0005	P	62.6

$$y = 3.1710E-004 * x + 2.4960E-005$$

$$R = 1.0000$$

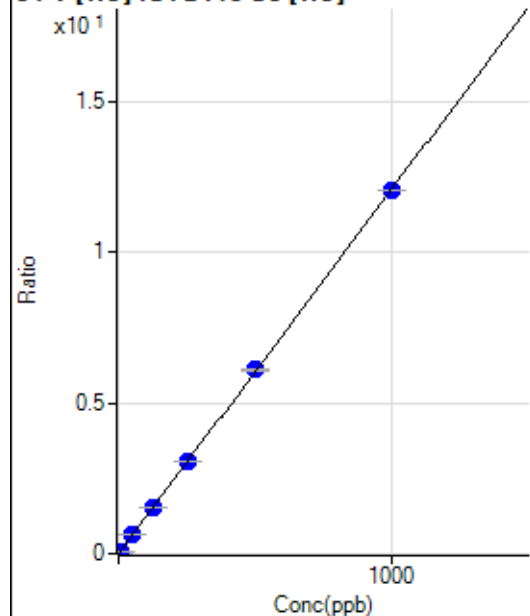
$$DL = 0.1078$$

$$BEC = 0.07871$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	15.56	0.0001	P	12.0
2	☐	0.500	0.420	1595.67	0.0051	P	4.8
3	☐	5.000	4.552	17200.26	0.0550	P	1.4
4	☐	50.000	51.155	191776.44	0.6176	P	1.0
5	☐	125.000	128.047	472231.42	1.5457	P	0.7
6	☐	250.000	252.581	931025.97	3.0490	P	0.3
7	☐	500.000	505.546	1879384.02	6.1026	P	0.6
8	☐	1000.000	996.145	3781516.23	12.0247	P	0.1
9	☐			953.38	0.0030	P	1.6

$$y = 0.0121 * x + 5.0653E-005$$

$$R = 1.0000$$

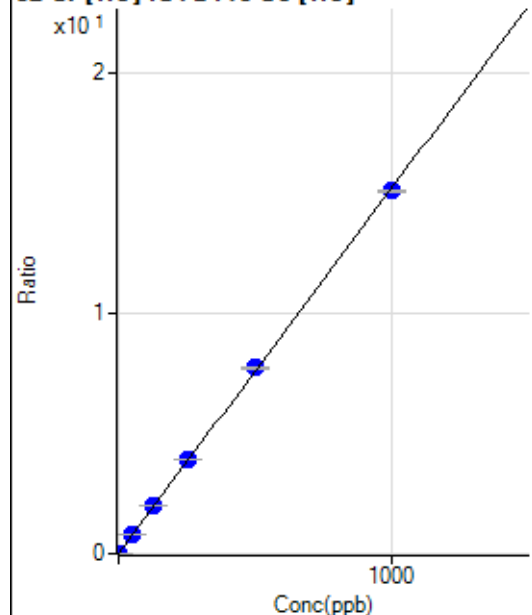
$$DL = 0.001507$$

$$BEC = 0.004196$$

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	2438.01	0.0079	P	4.0
2	☐	0.200	0.173	3297.09	0.0106	P	3.2
3	☐	2.000	1.994	11948.33	0.0382	P	0.5
4	☐	50.000	52.566	250209.40	0.8057	P	0.7
5	☐	125.000	129.816	604306.34	1.9781	P	1.1
6	☐	250.000	256.627	1191657.82	3.9026	P	0.6
7	☐	500.000	508.527	2379209.67	7.7256	P	0.5
8	☐	1000.000	993.350	4743494.48	15.0835	P	0.4
9	☐			49628.86	0.1561	P	1.0

$$y = 0.0152 * x + 0.0079$$

$$R = 0.9999$$

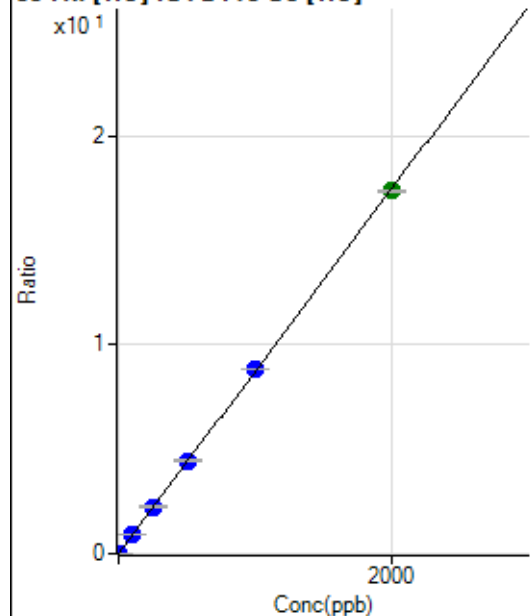
$$DL = 0.06235$$

$$BEC = 0.5233$$

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	130.00	0.0004	P	9.0
2	☐	0.100	0.086	366.68	0.0012	P	13.9
3	☐	1.000	0.955	2742.52	0.0088	P	5.5
4	☐	100.000	103.617	281236.39	0.9056	P	1.0
5	☐	250.000	257.508	687387.05	2.2500	P	1.0
6	☐	500.000	511.165	1363661.21	4.4660	P	0.8
7	☐	1000.000	1012.788	2724915.38	8.8481	P	0.5
8	☐	2000.000	1989.695	5466524.92	17.3824	A	0.6
9	☐			18458.48	0.0581	P	2.3

$$y = 0.0087 * x + 4.2340E-004$$

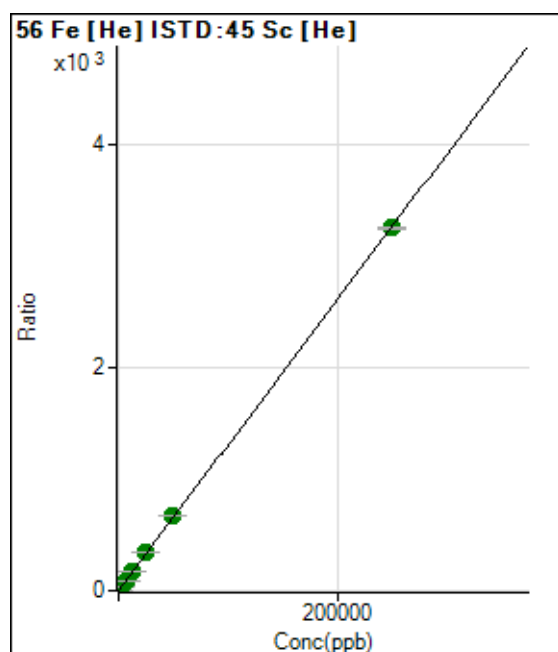
$$R = 0.9999$$

$$DL = 0.01312$$

$$BEC = 0.04847$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7639.25	0.0249	P	2.0
2	☐	5.000	4.328	25378.15	0.0814	P	2.2
3	☐	50.000	47.964	203553.96	0.6509	P	0.9
4	☐	2500.000	2669.948	10829070.50	34.8709	A	0.7
5	☐	6250.000	6647.025	26510354.53	86.7766	A	1.1
6	☐	12500.000	13199.165	52608990.53	172.2900	A	0.3
7	☐	25000.000	26280.160	105635872.73	343.0128	A	0.6
8	☐	50000.000	51227.824	210264602.85	668.6100	A	0.2
9	☐	250000.00	249579.83	1035752423.1	3,257.343	A	0.7

$$y = 0.0131 * x + 0.0249$$

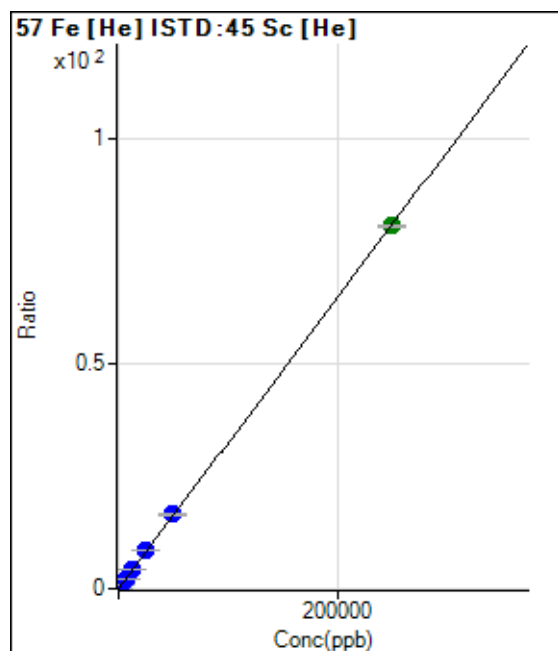
$$R = 1.0000$$

$$DL = 0.1142$$

$$BEC = 1.906$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	290.75	0.0009	P	13.8
2	☐	5.000	3.618	659.30	0.0021	P	16.2
3	☐	50.000	48.390	5176.99	0.0166	P	1.9
4	☐	2500.000	2681.856	268877.46	0.8658	P	0.8
5	☐	6250.000	6675.332	657971.31	2.1537	P	0.8
6	☐	12500.000	13219.946	1302081.19	4.2643	P	0.6
7	☐	25000.000	26220.223	2604379.98	8.4567	P	0.7
8	☐	50000.000	50946.079	5166996.07	16.4306	P	0.7
9	☐	250000.00	249640.31	25599724.18	80.5077	A	0.4

$$y = 3.2249E-004 * x + 9.4654E-004$$

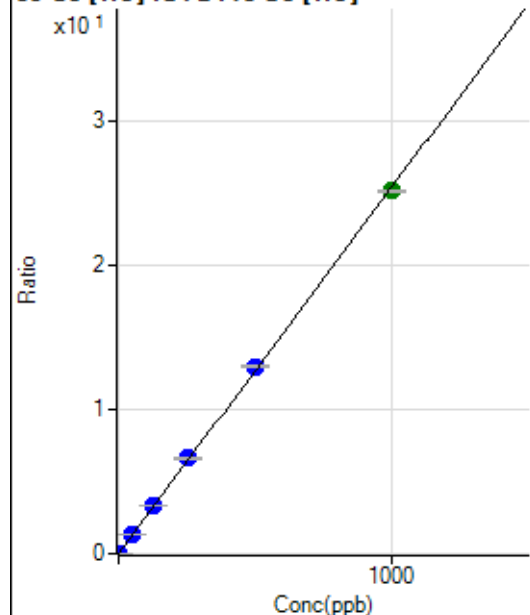
$$R = 1.0000$$

$$DL = 1.211$$

$$BEC = 2.935$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	235.56	0.0008	P	16.4
2	☐	0.100	0.088	938.94	0.0030	P	5.1
3	☐	1.000	0.957	7852.23	0.0251	P	0.5
4	☐	50.000	53.233	420641.24	1.3545	P	0.2
5	☐	125.000	132.150	1026961.45	3.3614	P	0.6
6	☐	250.000	260.310	2021598.03	6.6206	P	0.6
7	☐	500.000	511.302	4004636.16	13.0035	P	1.0
8	☐	1000.000	990.716	7923293.21	25.1954	A	0.5
9	☐			8574.83	0.0270	P	2.1

$$y = 0.0254 * x + 7.6736E-004$$

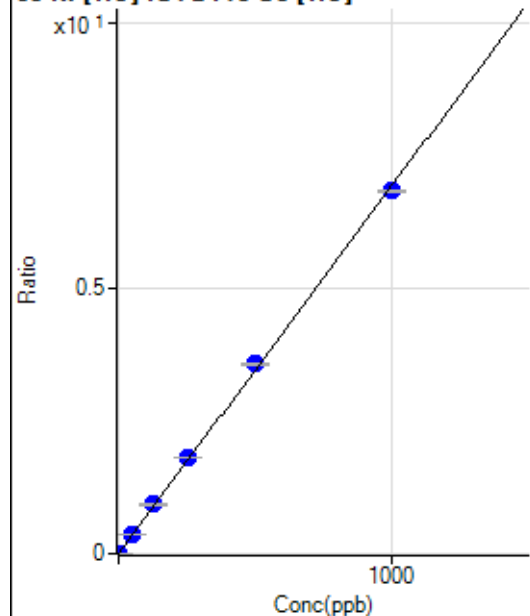
$$R = 0.9998$$

$$DL = 0.01486$$

$$BEC = 0.03017$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	198.90	0.0006	P	14.5
2	☐	0.100	0.077	367.79	0.0012	P	12.5
3	☐	1.000	1.060	2495.81	0.0080	P	6.6
4	☐	50.000	54.626	117553.20	0.3785	P	0.2
5	☐	125.000	133.757	282879.19	0.9259	P	0.8
6	☐	250.000	263.051	555836.52	1.8204	P	0.8
7	☐	500.000	516.089	1099681.75	3.5708	P	0.7
8	☐	1000.000	987.367	2148176.41	6.8310	P	0.5
9	☐			9623.30	0.0303	P	0.8

$$y = 0.0069 * x + 6.4819E-004$$

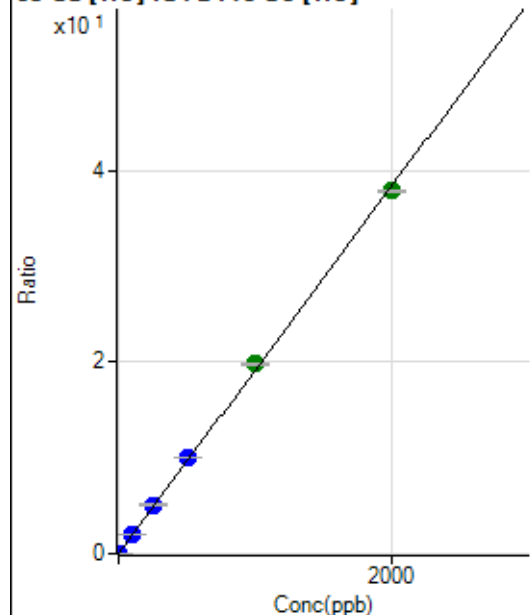
$$R = 0.9997$$

$$DL = 0.04079$$

$$BEC = 0.0937$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1178.96	0.0038	P	1.7
2	☐	0.200	0.176	2252.43	0.0072	P	4.2
3	☐	2.000	1.952	12900.30	0.0412	P	1.4
4	☐	100.000	108.068	644359.49	2.0749	P	0.6
5	☐	250.000	266.382	1560828.97	5.1089	P	0.6
6	☐	500.000	522.985	3061625.96	10.0266	P	0.5
7	☐	1000.000	1032.196	6093219.43	19.7854	A	0.6
8	☐	2000.000	1975.705	11908439.83	37.8673	A	0.2
9	☐			14458.45	0.0455	P	1.6

$$y = 0.0192 * x + 0.0038$$

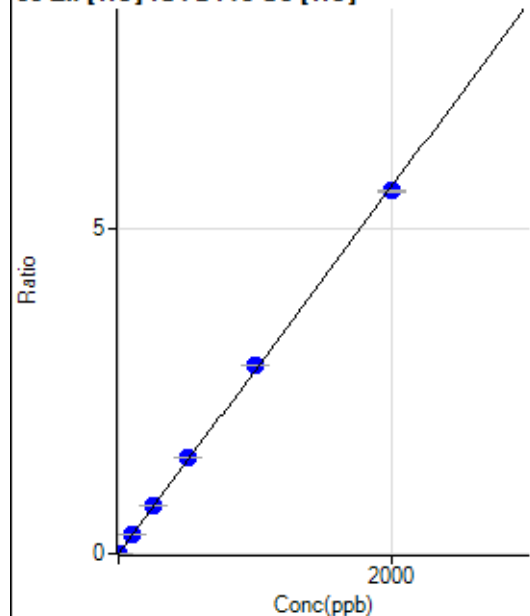
$$R = 0.9997$$

$$DL = 0.01006$$

$$BEC = 0.2004$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	147.78	0.0005	P	27.8
2	☐	0.200	0.312	425.57	0.0014	P	1.0
3	☐	2.000	2.074	1983.50	0.0063	P	4.0
4	☐	100.000	106.544	93623.07	0.3015	P	0.8
5	☐	250.000	264.733	228643.60	0.7484	P	0.4
6	☐	500.000	525.546	453504.96	1.4852	P	0.8
7	☐	1000.000	1028.317	894821.89	2.9056	P	0.5
8	☐	2000.000	1977.286	1756859.58	5.5865	P	0.4
9	☐			3439.34	0.0108	P	0.6

$$y = 0.0028 * x + 4.8184E-004$$

$$R = 0.9998$$

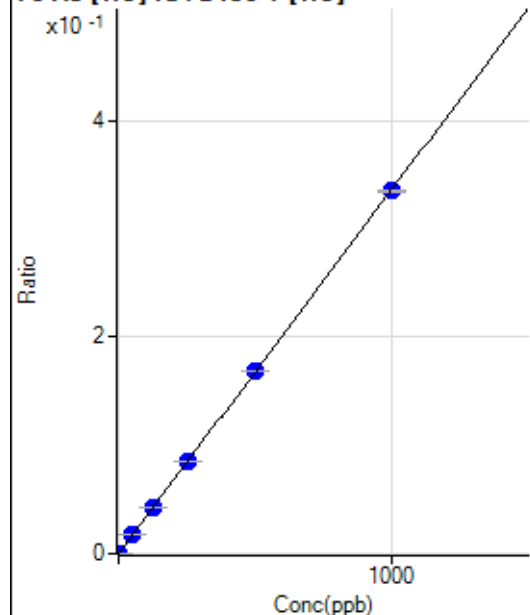
$$DL = 0.1424$$

$$BEC = 0.1706$$

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	16.05	0.0000	P	46.7
2	☐	0.100	0.077	62.35	0.0000	P	12.2
3	☐	1.000	0.908	548.78	0.0003	P	10.8
4	☐	50.000	50.551	29695.73	0.0170	P	0.3
5	☐	125.000	126.122	73030.79	0.0424	P	0.1
6	☐	250.000	252.447	145629.06	0.0849	P	0.9
7	☐	500.000	503.596	292255.78	0.1693	P	0.1
8	☐	1000.000	997.423	583001.15	0.3354	P	0.3
9	☐			306.80	0.0002	P	13.0

$$y = 3.3624E-004 * x + 9.2985E-006$$

$$R = 1.0000$$

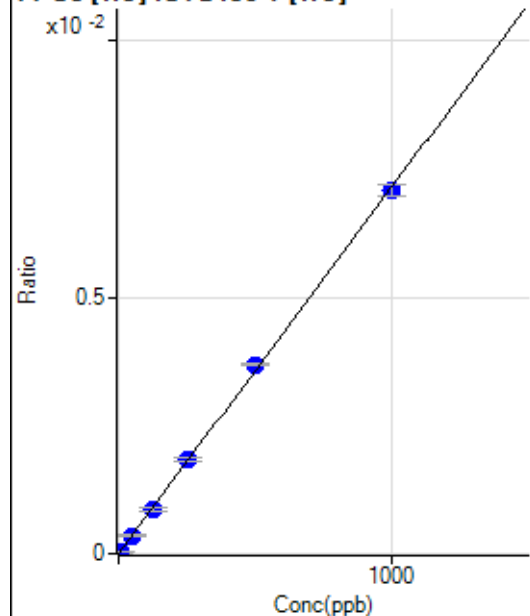
$$DL = 0.03877$$

$$BEC = 0.02765$$

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	0.794	10.00	0.0000	P	88.3
3	☐	5.000	4.286	53.33	0.0000	P	17.0
4	☐	50.000	49.128	612.25	0.0004	P	8.0
5	☐	125.000	121.911	1498.99	0.0009	P	6.7
6	☐	250.000	259.137	3172.62	0.0018	P	4.0
7	☐	500.000	515.342	6348.15	0.0037	P	0.8
8	☐	1000.000	990.478	12290.96	0.0071	P	3.0
9	☐			10.00	0.0000	P	1.0

$$y = 7.1375E-006 * x + 0.0000E+000$$

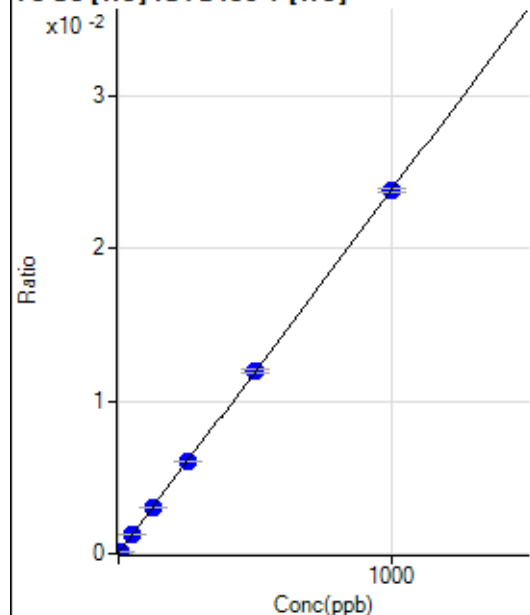
$$R = 0.9998$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	74.07	0.0000	P	23.7
2	☐	0.500	0.256	86.42	0.0000	P	11.4
3	☐	5.000	4.210	249.39	0.0001	P	3.0
4	☐	50.000	50.358	2165.00	0.0012	P	4.3
5	☐	125.000	126.995	5271.37	0.0031	P	0.7
6	☐	250.000	252.326	10363.64	0.0060	P	0.8
7	☐	500.000	502.285	20681.48	0.0120	P	1.6
8	☐	1000.000	998.013	41314.79	0.0238	P	1.0
9	☐			80.25	0.0000	P	9.1

$$y = 2.3772\text{E-}005 * x + 4.2894\text{E-}005$$

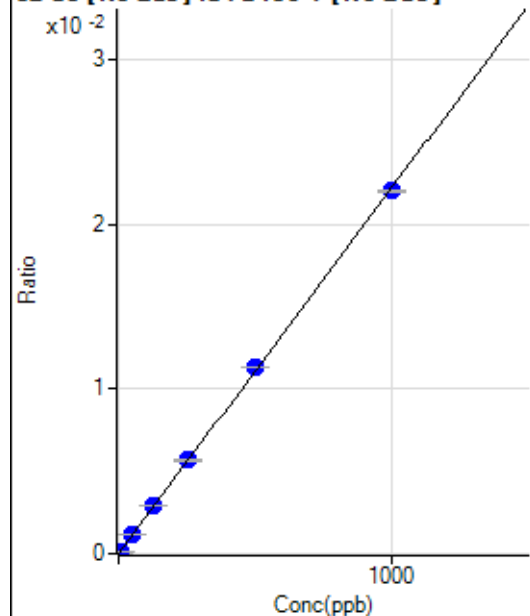
$$R = 1.0000$$

$$DL = 1.282$$

$$BEC = 1.804$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-18.74	0.0000	P	-413.
2	☐	0.500	0.648	134.28	0.0000	P	38.7
3	☐	5.000	4.760	1089.61	0.0001	P	5.9
4	☐	50.000	52.123	12192.11	0.0012	P	0.3
5	☐	125.000	129.548	29861.48	0.0029	P	0.7
6	☐	250.000	255.275	58959.06	0.0057	P	0.6
7	☐	500.000	510.918	118731.57	0.0113	P	0.7
8	☐	1000.000	992.549	228769.35	0.0220	P	0.4
9	☐			100.16	0.0000	P	46.9

$$y = 2.2211\text{E-}005 * x - 1.7583\text{E-}006$$

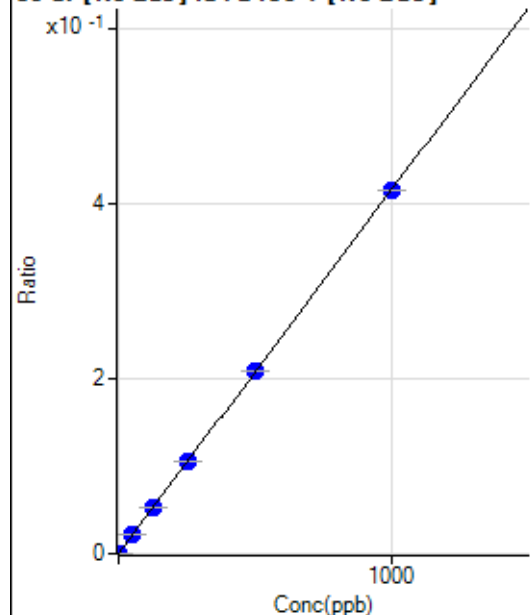
$$R = 0.9999$$

$$DL = 0.9829$$

$$BEC = -0.07916$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1361.24	0.0001	P	7.3
2	☐	0.100	0.072	1677.95	0.0002	P	5.2
3	☐	1.000	0.894	5237.31	0.0005	P	2.2
4	☐	50.000	50.654	223808.98	0.0212	P	0.3
5	☐	125.000	127.570	552929.83	0.0532	P	0.5
6	☐	250.000	252.455	1094799.09	0.1052	P	0.3
7	☐	500.000	503.511	2195299.05	0.2098	P	0.2
8	☐	1000.000	997.277	4310891.59	0.4154	P	0.2
9	☐			137418.61	0.0146	P	0.1

$$y = 4.1639E-004 * x + 1.2768E-004$$

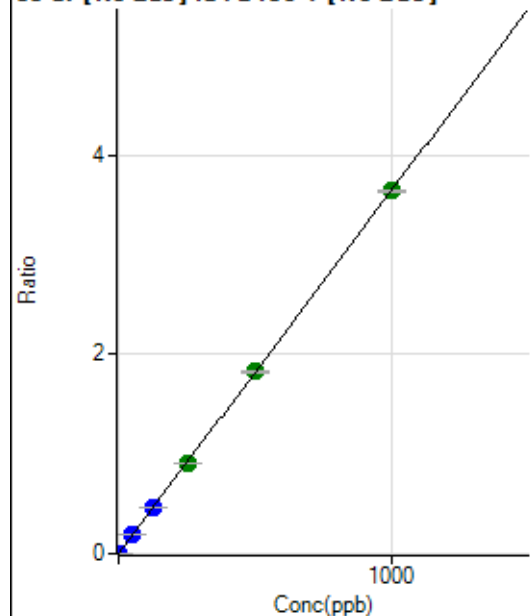
$$R = 1.0000$$

$$DL = 0.06684$$

$$BEC = 0.3066$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	197.23	0.0000	P	30.0
2	☐	0.100	0.086	3522.82	0.0003	P	3.8
3	☐	1.000	0.921	35322.09	0.0034	P	3.5
4	☐	50.000	50.551	1941444.34	0.1841	P	0.4
5	☐	125.000	127.156	4807950.19	0.4630	P	0.3
6	☐	250.000	250.141	9473965.58	0.9108	A	0.1
7	☐	500.000	501.186	19095942.27	1.8248	A	0.4
8	☐	1000.000	999.075	37751302.93	3.6376	A	0.4
9	☐			1188222.75	0.1264	P	0.2

$$y = 0.0036 * x + 1.8515E-005$$

$$R = 1.0000$$

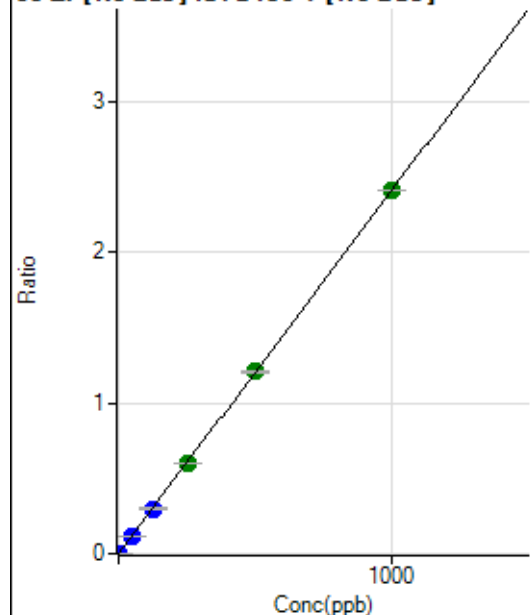
$$DL = 0.00458$$

$$BEC = 0.005085$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	883.41	0.0001	P	9.3
2	☐	0.100	0.078	2875.42	0.0003	P	11.6
3	☐	1.000	0.867	22766.06	0.0022	P	3.7
4	☐	50.000	49.233	1251690.74	0.1187	P	0.3
5	☐	125.000	124.442	3113689.56	0.2998	P	0.3
6	☐	250.000	249.124	6243129.48	0.6002	A	0.3
7	☐	500.000	500.946	12628334.22	1.2068	A	0.3
8	☐	1000.000	999.854	24995890.32	2.4085	A	0.2
9	☐			4745.44	0.0005	P	11.4

$$y = 0.0024 * x + 8.2860E-005$$

$$R = 1.0000$$

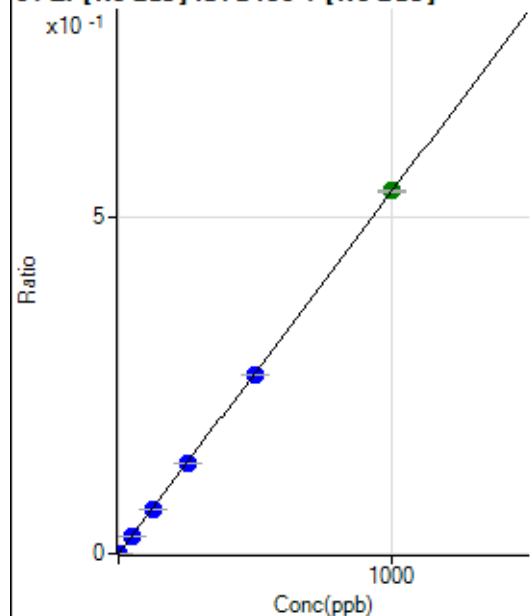
$$DL = 0.00955$$

$$BEC = 0.0344$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	169.45	0.0000	P	29.2
2	☐	0.100	0.085	658.38	0.0001	P	8.4
3	☐	1.000	0.841	4901.05	0.0005	P	9.4
4	☐	50.000	49.313	279746.87	0.0265	P	0.4
5	☐	125.000	124.158	693189.21	0.0668	P	0.5
6	☐	250.000	247.773	1385554.02	0.1332	P	0.1
7	☐	500.000	495.092	2785025.80	0.2661	P	0.3
8	☐	1000.000	1003.151	5596157.94	0.5392	A	0.4
9	☐			969.52	0.0001	P	6.6

$$y = 5.3752E-004 * x + 1.5908E-005$$

$$R = 1.0000$$

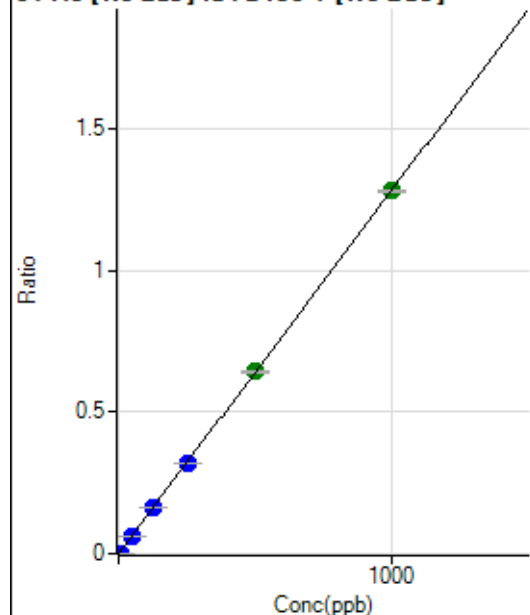
$$DL = 0.02593$$

$$BEC = 0.0296$$

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	369.46	0.0000	P	9.2
2	☐	0.500	0.185	2897.64	0.0003	P	6.8
3	☐	5.000	1.976	26915.22	0.0026	P	3.3
4	☐	50.000	49.549	670639.61	0.0636	P	0.1
5	☐	125.000	125.176	1667481.50	0.1606	P	0.8
6	☐	250.000	249.614	3330493.39	0.3202	P	0.3
7	☐	500.000	501.498	6731027.49	0.6432	A	0.5
8	☐	1000.000	999.363	13302148.39	1.2818	A	0.3
9	☐			9798.27	0.0010	P	3.1

$$y = 0.0013 * x + 3.4656E-005$$

$$R = 1.0000$$

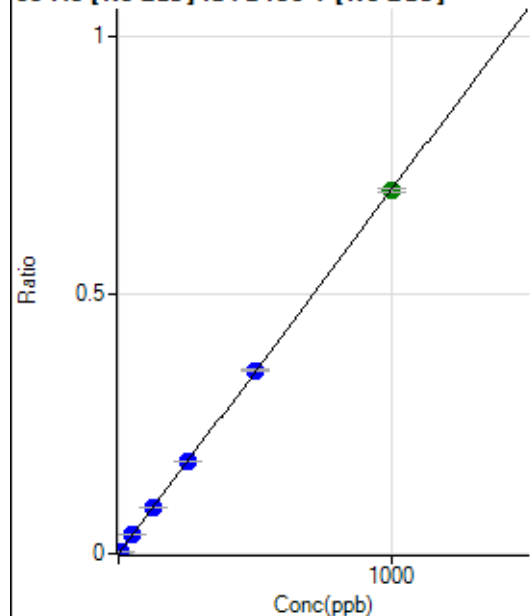
$$DL = 0.007421$$

$$BEC = 0.02702$$

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	152.79	0.0000	P	36.1
2	☐	0.500	0.413	3239.39	0.0003	P	5.3
3	☐	5.000	4.429	32769.11	0.0031	P	1.5
4	☐	50.000	50.406	373702.57	0.0354	P	0.8
5	☐	125.000	127.043	927126.15	0.0893	P	0.4
6	☐	250.000	252.440	1845188.63	0.1774	P	0.8
7	☐	500.000	504.147	3707091.70	0.3543	P	0.4
8	☐	1000.000	997.044	7270555.54	0.7006	A	1.1
9	☐			14672.01	0.0016	P	2.3

$$y = 7.0264E-004 * x + 1.4327E-005$$

$$R = 1.0000$$

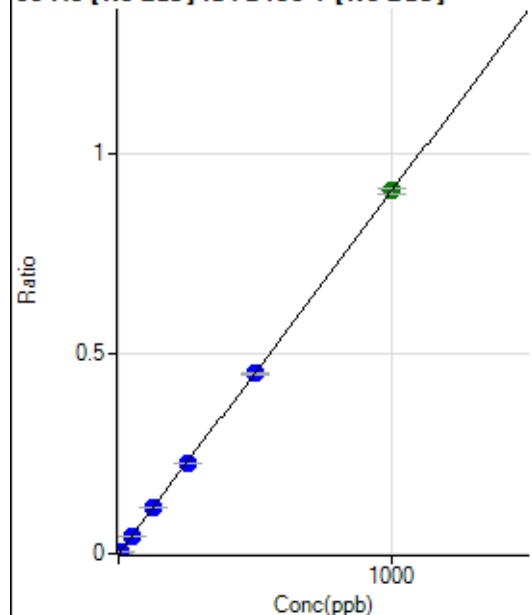
$$DL = 0.02209$$

$$BEC = 0.02039$$

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	216.68	0.0000	P	17.7
2	☐	0.500	0.356	3645.07	0.0003	P	4.7
3	☐	5.000	3.812	36352.98	0.0035	P	0.8
4	☐	50.000	49.973	477023.04	0.0452	P	0.2
5	☐	125.000	125.754	1181555.96	0.1138	P	0.4
6	☐	250.000	249.154	2344679.57	0.2254	P	1.1
7	☐	500.000	497.509	4709804.49	0.4501	P	0.8
8	☐	1000.000	1001.370	9401241.10	0.9059	A	1.5
9	☐			18418.13	0.0020	P	1.2

$$y = 9.0463\text{E-}004 * x + 2.0330\text{E-}005$$

$$R = 1.0000$$

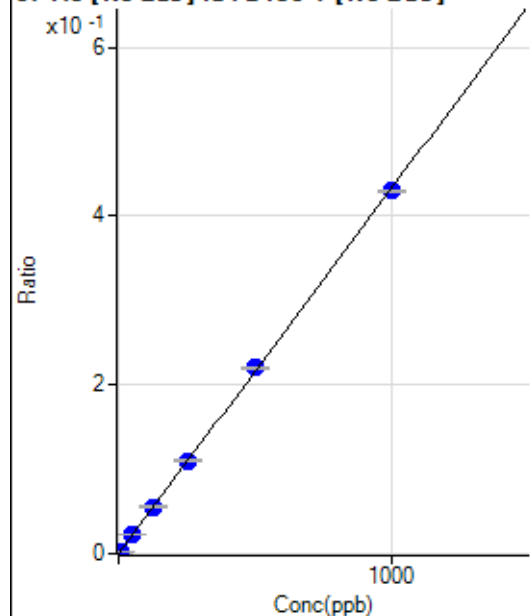
$$DL = 0.01191$$

$$BEC = 0.02247$$

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	66.67	0.0000	P	37.3
2	☐	0.500	0.440	2091.90	0.0002	P	7.4
3	☐	5.000	4.364	19853.46	0.0019	P	1.7
4	☐	50.000	51.136	233392.71	0.0221	P	0.4
5	☐	125.000	128.806	578724.06	0.0557	P	0.5
6	☐	250.000	255.051	1147795.89	0.1103	P	1.0
7	☐	500.000	509.980	2308790.00	0.2206	P	0.8
8	☐	1000.000	993.218	4459354.05	0.4297	P	0.6
9	☐			8733.56	0.0009	P	2.2

$$y = 4.3262\text{E-}004 * x + 6.2498\text{E-}006$$

$$R = 0.9999$$

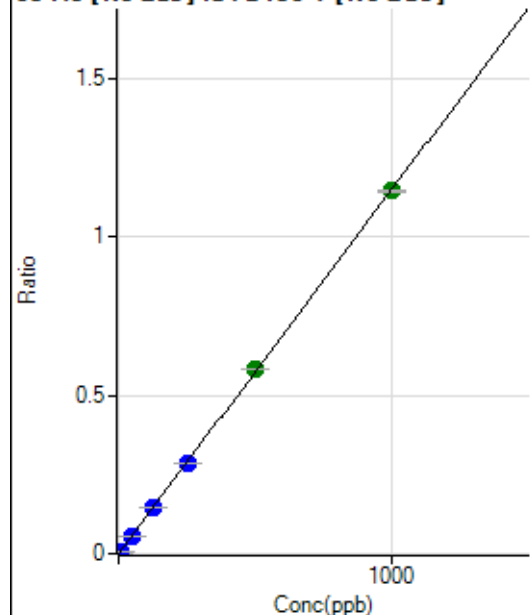
$$DL = 0.01614$$

$$BEC = 0.01445$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	213.90	0.0000	P	32.3
2	☐	0.500	0.429	5462.39	0.0005	P	8.0
3	☐	5.000	4.352	52628.99	0.0050	P	1.5
4	☐	50.000	49.572	601068.79	0.0570	P	0.7
5	☐	125.000	124.963	1491555.56	0.1436	P	0.1
6	☐	250.000	247.820	2962734.73	0.2848	P	0.6
7	☐	500.000	506.899	6096345.67	0.5826	A	0.3
8	☐	1000.000	997.125	11892629.09	1.1460	A	0.6
9	☐			21864.83	0.0023	P	3.3

$$y = 0.0011 * x + 2.0063E-005$$

$$R = 1.0000$$

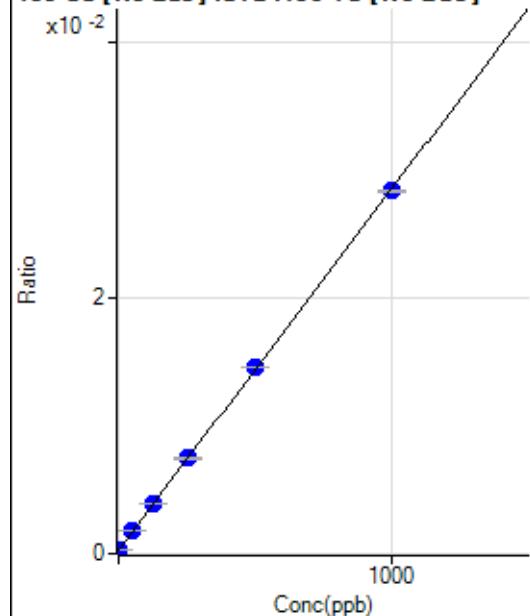
$$DL = 0.01692$$

$$BEC = 0.01746$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3970.17	0.0003	P	2.9
2	☐	0.100	-0.064	3964.61	0.0003	P	2.5
3	☐	1.000	0.758	4248.03	0.0003	P	2.9
4	☐	50.000	51.872	25738.16	0.0017	P	0.6
5	☐	125.000	128.252	57489.85	0.0039	P	1.9
6	☐	250.000	254.373	109705.94	0.0075	P	0.4
7	☐	500.000	506.946	217914.21	0.0146	P	0.6
8	☐	1000.000	994.934	416017.17	0.0284	P	0.7
9	☐			3950.74	0.0003	P	3.2

$$y = 2.8286E-005 * x + 2.6986E-004$$

$$R = 1.0000$$

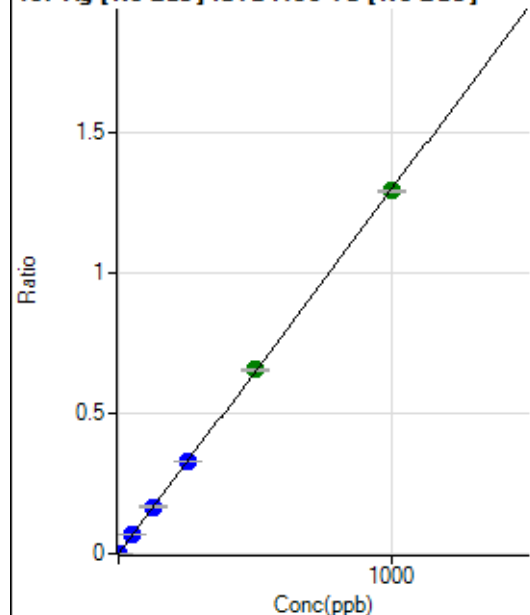
$$DL = 0.8231$$

$$BEC = 9.541$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	138.90	0.0000	P	9.5
2	☐	0.100	0.090	1872.44	0.0001	P	3.8
3	☐	1.000	0.971	18529.55	0.0013	P	2.0
4	☐	50.000	52.180	1003664.62	0.0677	P	0.4
5	☐	125.000	128.951	2468960.21	0.1674	P	0.6
6	☐	250.000	254.344	4851808.88	0.3301	P	0.6
7	☐	500.000	504.459	9766956.90	0.6548	A	0.6
8	☐	1000.000	996.082	18930936.36	1.2929	A	0.7
9	☐			1302.91	0.0001	P	14.4

$$y = 0.0013 * x + 9.4421E-006$$

$$R = 1.0000$$

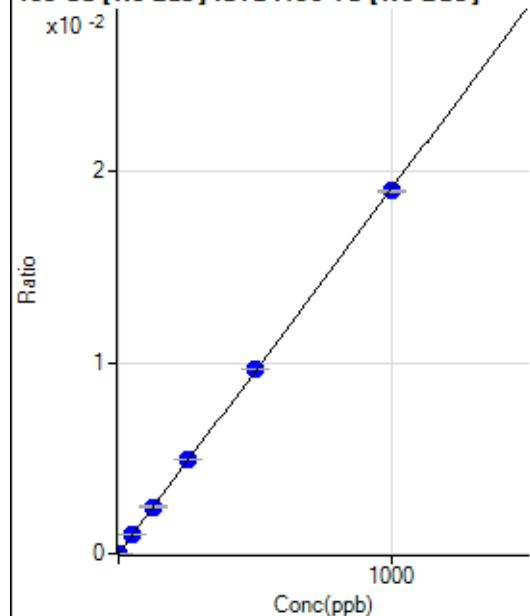
$$DL = 0.002072$$

$$BEC = 0.007274$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	20.83	0.0000	P	35.0
2	☐	0.100	0.078	43.06	0.0000	P	21.7
3	☐	1.000	0.964	288.90	0.0000	P	8.7
4	☐	50.000	52.195	14778.79	0.0010	P	0.2
5	☐	125.000	129.011	36334.40	0.0025	P	1.8
6	☐	250.000	258.719	72576.51	0.0049	P	0.1
7	☐	500.000	505.894	144021.39	0.0097	P	0.9
8	☐	1000.000	994.262	277834.43	0.0190	P	0.5
9	☐			50.00	0.0000	P	7.7

$$y = 1.9083E-005 * x + 1.4174E-006$$

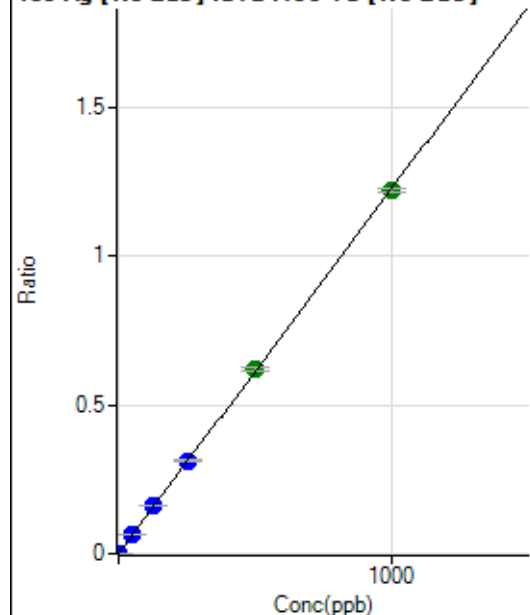
$$R = 0.9999$$

$$DL = 0.07788$$

$$BEC = 0.07427$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	88.90	0.0000	P	29.7
2	☐	0.100	0.091	1741.86	0.0001	P	5.0
3	☐	1.000	0.971	17447.45	0.0012	P	1.3
4	☐	50.000	52.306	949976.69	0.0641	P	0.4
5	☐	125.000	129.826	2347215.61	0.1591	P	0.5
6	☐	250.000	255.521	4602680.05	0.3132	P	0.3
7	☐	500.000	506.818	9265729.46	0.6212	A	1.5
8	☐	1000.000	994.492	17847485.64	1.2189	A	1.0
9	☐			1230.66	0.0001	P	7.1

$$y = 0.0012 * x + 6.0358E-006$$

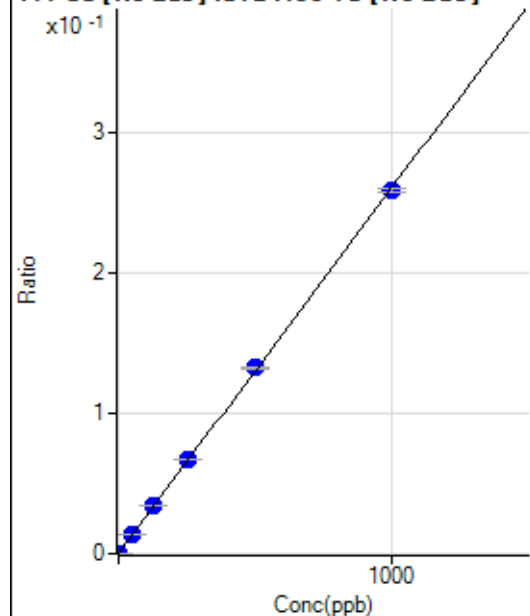
$$R = 0.9999$$

$$DL = 0.004395$$

$$BEC = 0.004924$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2786.76	0.0002	P	2.5
2	☐	0.100	0.073	3083.99	0.0002	P	0.4
3	☐	1.000	0.927	6278.84	0.0004	P	0.8
4	☐	50.000	52.563	205337.96	0.0139	P	0.5
5	☐	125.000	130.452	503181.78	0.0341	P	0.4
6	☐	250.000	259.265	993619.77	0.0676	P	0.4
7	☐	500.000	508.642	1975832.26	0.1325	P	0.8
8	☐	1000.000	992.553	3782076.83	0.2583	P	0.9
9	☐			3094.42	0.0002	P	3.6

$$y = 2.6005E-004 * x + 1.8942E-004$$

$$R = 0.9999$$

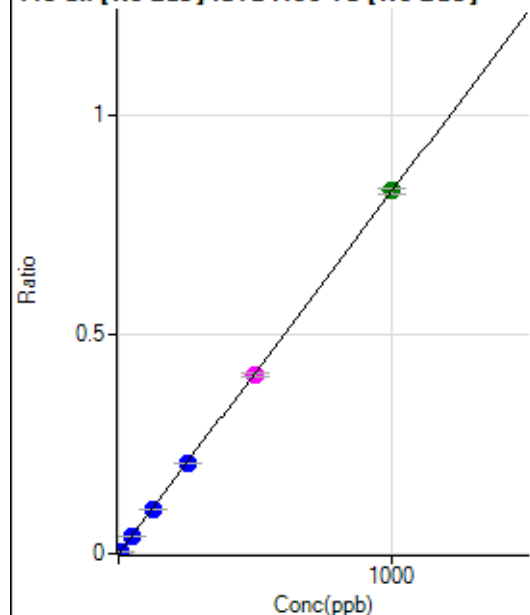
$$DL = 0.0551$$

$$BEC = 0.7284$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1272.64	0.0001	P	18.2
2	☐	0.500	0.404	6204.39	0.0004	P	2.6
3	☐	5.000	4.517	55519.27	0.0038	P	1.9
4	☐	50.000	50.113	612750.58	0.0414	P	0.4
5	☐	125.000	124.104	1508746.56	0.1023	P	0.2
6	☐	250.000	249.345	3018948.90	0.2054	P	0.1
7	☐	500.000	494.681	6078418.19	0.4075	M	1.4
8	☐	1000.000	1002.932	12094189.51	0.8260	A	1.4
9	☐			6551.82	0.0005	P	10.5

$$y = 8.2352E-004 * x + 8.6474E-005$$

$$R = 1.0000$$

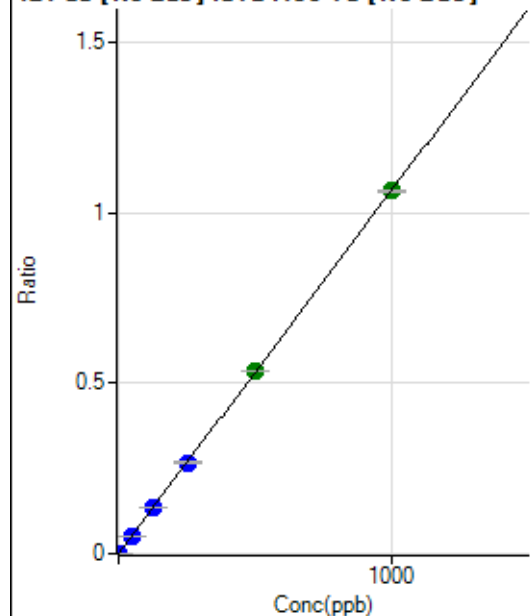
$$DL = 0.05723$$

$$BEC = 0.105$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	141.67	0.0000	P	35.0
2	☐	0.200	0.173	2861.53	0.0002	P	2.4
3	☐	2.000	1.809	28206.98	0.0019	P	2.2
4	☐	50.000	49.747	784511.22	0.0529	P	1.0
5	☐	125.000	125.245	1965970.42	0.1333	P	1.0
6	☐	250.000	251.385	3931478.95	0.2675	P	0.4
7	☐	500.000	501.165	7955416.06	0.5333	A	0.1
8	☐	1000.000	999.054	15566568.23	1.0632	A	0.9
9	☐			31837.22	0.0025	P	5.2

$$y = 0.0011 * x + 9.6251E-006$$

$$R = 1.0000$$

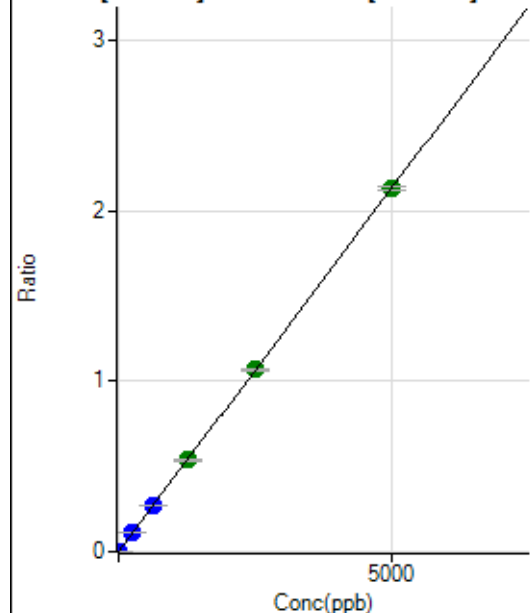
$$DL = 0.009505$$

$$BEC = 0.009045$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.11	0.0000	P	73.7
2	☐	1.000	0.498	3172.74	0.0002	P	5.7
3	☐	10.000	5.148	32012.80	0.0022	P	0.7
4	☐	250.000	252.850	1595495.68	0.1077	P	0.5
5	☐	625.000	630.102	3958069.14	0.2683	P	0.5
6	☐	1250.000	1259.559	7883081.51	0.5364	A	1.0
7	☐	2500.000	2505.929	15918728.83	1.0672	A	0.6
8	☐	5000.000	4993.875	31139538.89	2.1268	A	1.0
9	☐			4156.36	0.0003	P	8.8

$$y = 4.2587\text{E-}004 * x + 2.4487\text{E-}006$$

$$R = 1.0000$$

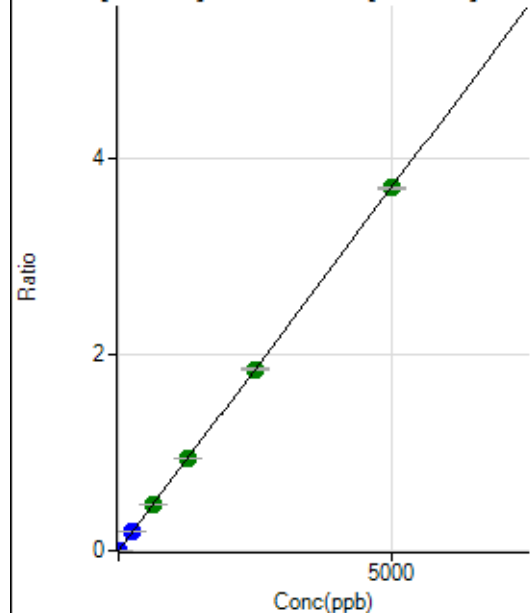
$$DL = 0.01272$$

$$BEC = 0.00575$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0000	P	24.3
2	☐	1.000	0.513	5643.05	0.0004	P	2.5
3	☐	10.000	5.128	55308.14	0.0038	P	1.0
4	☐	250.000	254.815	2789923.87	0.1883	P	0.4
5	☐	625.000	634.183	6912398.51	0.4686	A	0.4
6	☐	1250.000	1269.166	13782720.10	0.9379	A	0.6
7	☐	2500.000	2499.766	27553469.71	1.8472	A	0.6
8	☐	5000.000	4993.947	54033465.09	3.6903	A	0.8
9	☐			7218.84	0.0006	P	1.2

$$y = 7.3896\text{E-}004 * x + 2.6411\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.002603$$

$$BEC = 0.003574$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.2
2	☐			4.44		P	173.2
3	☐			4.44		P	173.2
4	☐			122.23		P	46.4
5	☐			224.45		P	14.0
6	☐			480.03		P	6.4
7	☐			886.73		P	6.8
8	☐			1593.49		P	1.8
9	☐			173.34		P	20.4

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐			3.33		P	0.0
3	☐			1.11		P	173.2
4	☐			7.78		P	65.5
5	☐			21.11		P	39.7
6	☐			33.33		P	30.0
7	☐			68.89		P	18.3
8	☐			148.89		P	11.0
9	☐			70.00		P	42.9

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	100.0
2	☐			19.44		P	89.2
3	☐			8.33		P	100.0
4	☐			27.78		P	62.5
5	☐			66.67		P	37.5
6	☐			141.68		P	21.2
7	☐			163.90		P	15.5
8	☐			430.58		P	12.9
9	☐			119.45		P	16.1

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	124.9
2	☐			3.33		P	173.2
3	☐			3.33		P	100.1
4	☐			16.67		P	20.0
5	☐			18.89		P	10.2
6	☐			68.89		P	26.7
7	☐			116.67		P	27.3
8	☐			248.89		P	12.4
9	☐			81.11		P	20.3

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

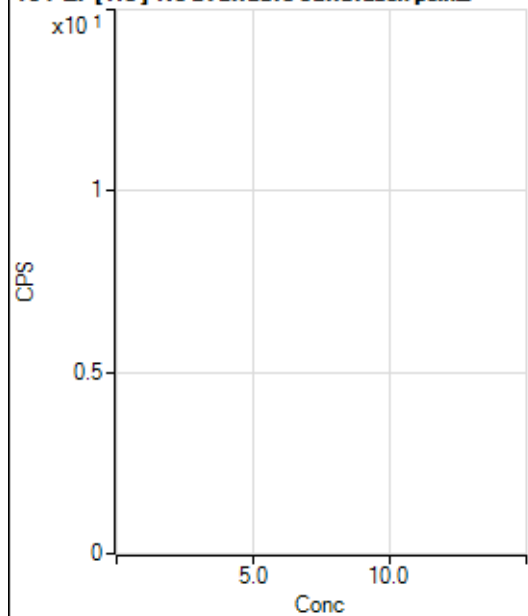
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			161.12		P	28.5
2	☐			138.90		P	9.2
3	☐			155.56		P	26.4
4	☐			152.79		P	24.6
5	☐			147.23		P	22.9
6	☐			169.45		P	20.5
7	☐			211.12		P	21.7
8	☐			266.68		P	22.5
9	☐			244.45		P	11.0

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			144.45		P	5.8
2	☐			166.67		P	8.7
3	☐			168.89		P	13.1
4	☐			178.89		P	20.6
5	☐			166.67		P	10.0
6	☐			146.67		P	14.2
7	☐			184.45		P	9.3
8	☐			192.23		P	15.0
9	☐			215.56		P	14.4

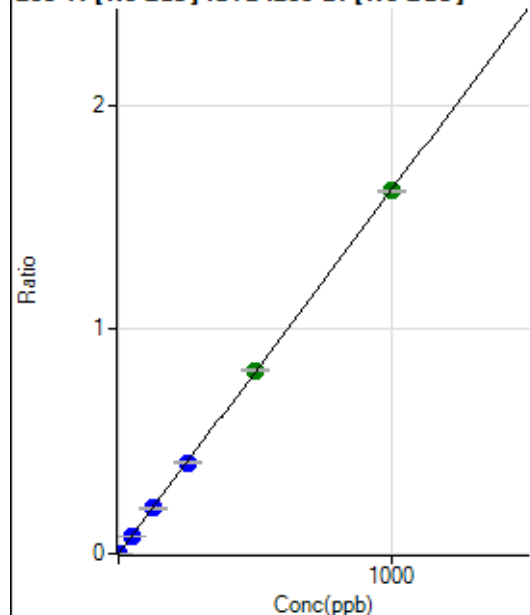
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			66.67		P	66.1
2	☐			44.45		P	39.0
3	☐			80.56		P	31.6
4	☐			41.67		P	20.0
5	☐			38.89		P	44.6
6	☐			61.11		P	41.7
7	☐			50.00		P	50.0
8	☐			88.89		P	32.9
9	☐			91.67		P	18.2

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.56		P	19.9
2	☐			18.89		P	20.4
3	☐			42.22		P	32.9
4	☐			21.11		P	24.1
5	☐			17.78		P	39.0
6	☐			21.11		P	24.1
7	☐			33.33		P	40.0
8	☐			35.55		P	19.5
9	☐			63.33		P	27.9

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	327.80	0.0000	P	1.8
2	☐	0.100	0.088	1772.41	0.0002	P	1.0
3	☐	1.000	0.905	15061.87	0.0015	P	3.6
4	☐	50.000	49.039	808807.66	0.0796	P	0.5
5	☐	125.000	124.398	2031486.83	0.2018	P	1.4
6	☐	250.000	249.819	4088806.64	0.4051	P	1.1
7	☐	500.000	504.946	8167248.45	0.8188	A	0.5
8	☐	1000.000	997.696	15763831.77	1.6179	A	0.7
9	☐			6735.34	0.0008	P	7.7

$$y = 0.0016 * x + 3.2364E-005$$

$$R = 1.0000$$

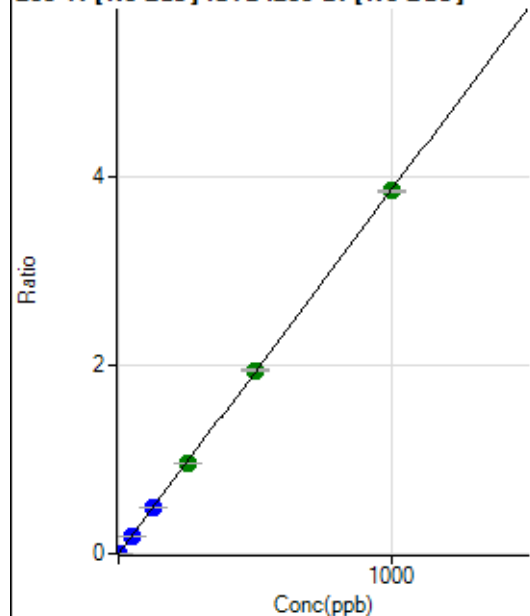
$$DL = 0.001095$$

$$BEC = 0.01996$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	788.95	0.0001	P	9.9
2	☐	0.100	0.087	4192.52	0.0004	P	4.6
3	☐	1.000	0.915	36200.25	0.0036	P	0.8
4	☐	50.000	50.008	1960471.98	0.1928	P	0.0
5	☐	125.000	126.064	4893262.87	0.4860	P	1.8
6	☐	250.000	249.904	9722375.22	0.9633	A	0.9
7	☐	500.000	504.840	19408683.77	1.9459	A	0.1
8	☐	1000.000	997.471	37461895.28	3.8447	A	0.5
9	☐			15996.37	0.0020	P	7.9

$$y = 0.0039 * x + 7.7895E-005$$

$$R = 1.0000$$

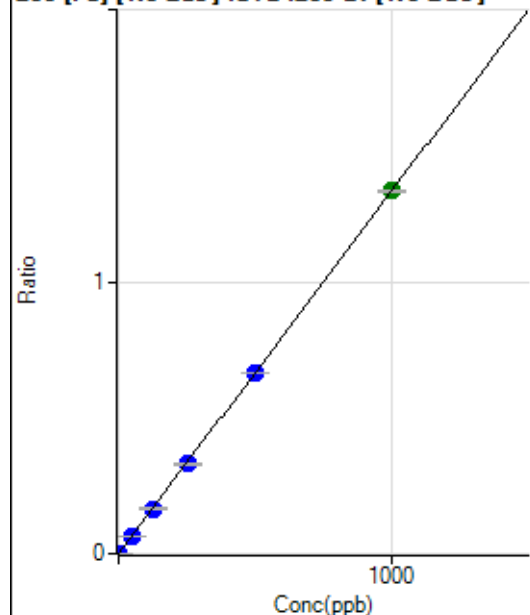
$$DL = 0.005991$$

$$BEC = 0.02021$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1074.15	0.0001	P	2.6
2	☐	0.100	0.076	2100.24	0.0002	P	5.9
3	☐	1.000	0.909	13225.45	0.0013	P	2.4
4	☐	50.000	49.093	665652.08	0.0655	P	0.3
5	☐	125.000	123.759	1660262.84	0.1649	P	1.7
6	☐	250.000	247.052	3321083.29	0.3291	P	0.6
7	☐	500.000	499.172	6630178.56	0.6647	P	0.1
8	☐	1000.000	1001.352	12991968.69	1.3334	A	0.8
9	☐			12098.43	0.0015	P	4.5

$$y = 0.0013 * x + 1.0605E-004$$

$$R = 1.0000$$

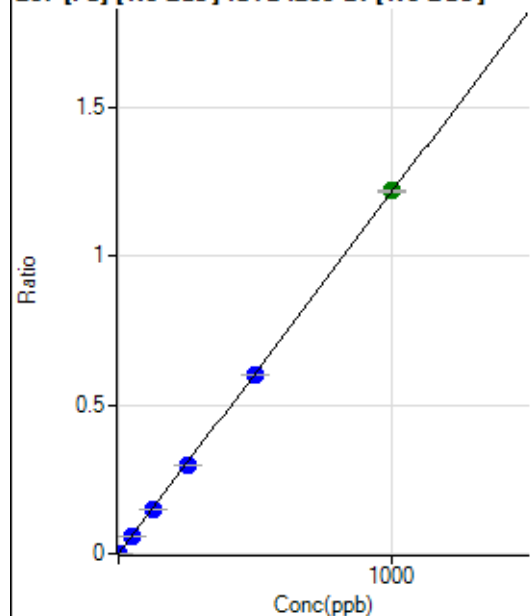
$$DL = 0.006175$$

$$BEC = 0.07965$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	953.77	0.0001	P	4.0
2	☐	0.100	0.088	2037.27	0.0002	P	7.6
3	☐	1.000	0.914	12109.53	0.0012	P	1.7
4	☐	50.000	48.767	603752.29	0.0594	P	0.6
5	☐	125.000	123.087	1507766.57	0.1497	P	1.4
6	☐	250.000	244.660	3003040.20	0.2975	P	1.1
7	☐	500.000	494.620	5998820.04	0.6014	P	0.1
8	☐	1000.000	1004.326	11898103.28	1.2211	A	0.5
9	☐			10584.16	0.0013	P	2.2

$$y = 0.0012 * x + 9.4166E-005$$

$$R = 1.0000$$

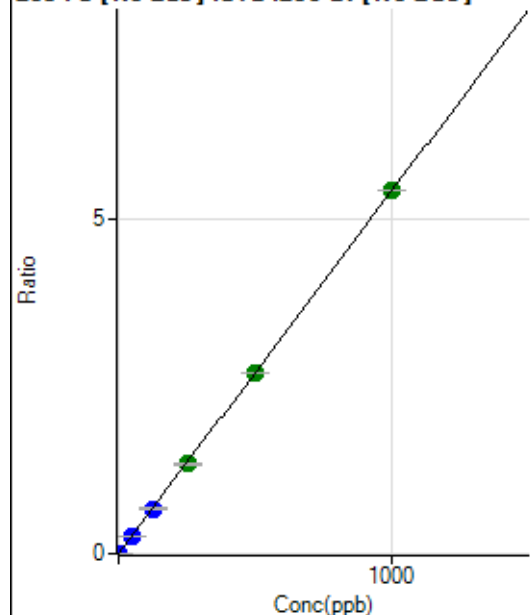
$$DL = 0.009232$$

$$BEC = 0.07745$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4324.49	0.0004	P	5.0
2	☐	0.100	0.087	9090.44	0.0009	P	2.1
3	☐	1.000	0.913	54064.65	0.0054	P	0.8
4	☐	50.000	49.227	2719115.99	0.2674	P	0.3
5	☐	125.000	124.388	6798407.13	0.6751	P	0.9
6	☐	250.000	246.703	13510170.64	1.3386	A	1.0
7	☐	500.000	499.721	27040055.41	2.7110	A	0.0
8	☐	1000.000	1001.079	52913255.47	5.4306	A	0.1
9	☐			48586.16	0.0061	P	3.2

$$y = 0.0054 * x + 4.2693E-004$$

$$R = 1.0000$$

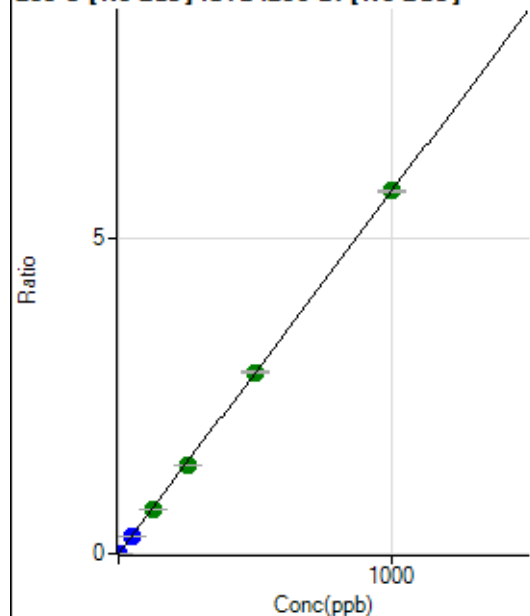
$$DL = 0.01192$$

$$BEC = 0.07871$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	297.24	0.0000	P	18.0
2	☐	0.100	0.082	5065.15	0.0005	P	2.6
3	☐	1.000	0.823	47646.95	0.0047	P	1.2
4	☐	50.000	47.570	2770489.80	0.2725	P	0.3
5	☐	125.000	121.619	7014653.80	0.6966	A	1.5
6	☐	250.000	243.768	14092563.86	1.3963	A	0.4
7	☐	500.000	501.200	28633986.75	2.8708	A	0.8
8	☐	1000.000	1001.502	55892431.80	5.7364	A	0.8
9	☐			3533.97	0.0004	P	5.6

$$y = 0.0057 * x + 2.9344E-005$$

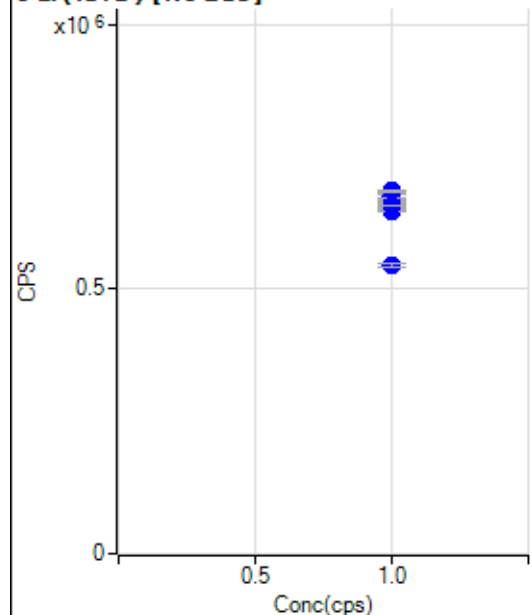
$$R = 1.0000$$

$$DL = 0.00276$$

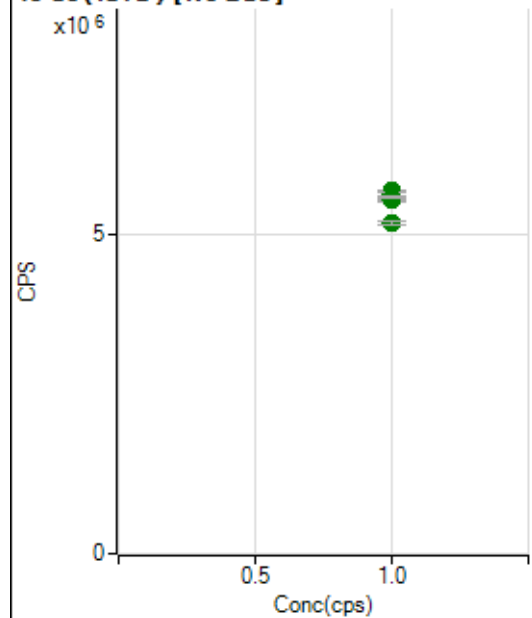
$$BEC = 0.005123$$

Weight: <None>

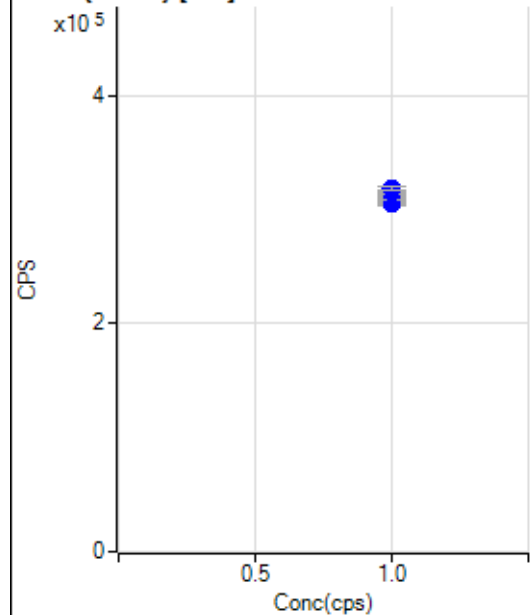
Min Conc: 0

6 Li (ISTD) [No Gas]

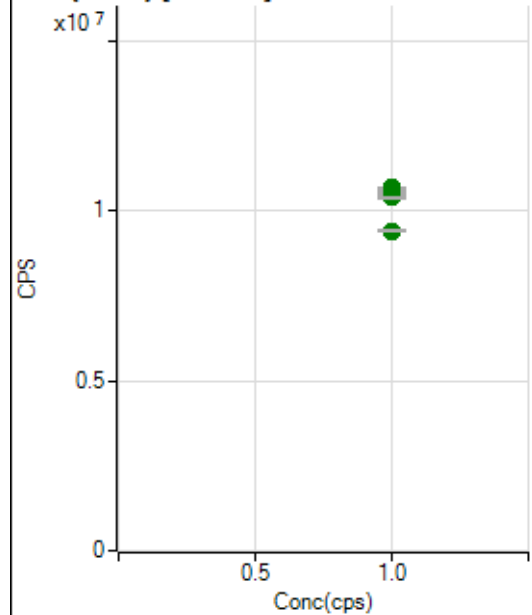
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		647346.16		P	0.4
2	☐	1.000		657844.12		P	0.7
3	☐	1.000		647763.73		P	0.7
4	☐	1.000		660775.41		P	0.4
5	☐	1.000		666974.35		P	0.3
6	☐	1.000		675325.28		P	0.9
7	☐	1.000		685422.26		P	0.6
8	☐	1.000		656560.66		P	0.2
9	☐	1.000		544856.86		P	1.4

45 Sc (ISTD) [No Gas]

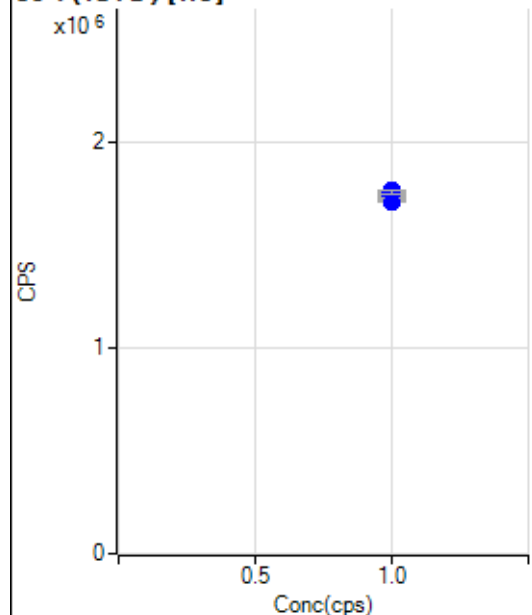
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5668580.60		A	0.5
2	☐	1.000		5683022.05		A	0.2
3	☐	1.000		5566546.87		A	0.5
4	☐	1.000		5591332.68		A	0.2
5	☐	1.000		5581116.40		A	0.7
6	☐	1.000		5541295.13		A	0.9
7	☐	1.000		5630177.90		A	0.9
8	☐	1.000		5577192.53		A	0.6
9	☐	1.000		5185438.14		A	1.2

45 Sc (ISTD) [He]

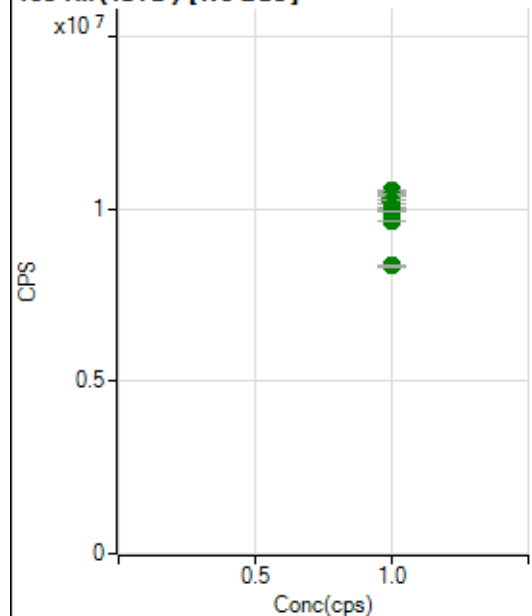
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		307008.64		P	0.6
2	☐	1.000		311890.73		P	0.4
3	☐	1.000		312758.57		P	0.8
4	☐	1.000		310551.14		P	0.4
5	☐	1.000		305518.47		P	1.0
6	☐	1.000		305355.15		P	0.6
7	☐	1.000		307963.84		P	0.1
8	☐	1.000		314479.88		P	0.5
9	☐	1.000		317987.75		P	1.1

89 Y (ISTD) [No Gas]

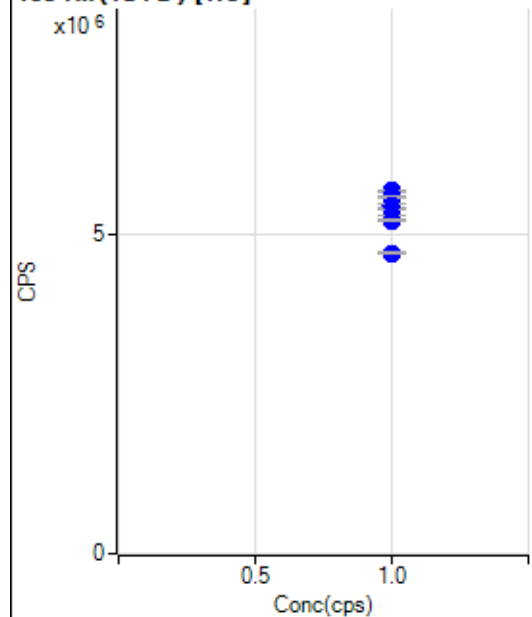
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10659196.93		A	0.4
2	☐	1.000		10650378.94		A	0.8
3	☐	1.000		10480875.88		A	0.6
4	☐	1.000		10547284.42		A	0.6
5	☐	1.000		10384516.51		A	0.6
6	☐	1.000		10402143.18		A	0.5
7	☐	1.000		10464617.00		A	0.5
8	☐	1.000		10378059.78		A	0.3
9	☐	1.000		9397469.10		A	0.6

89 Y (ISTD) [He]

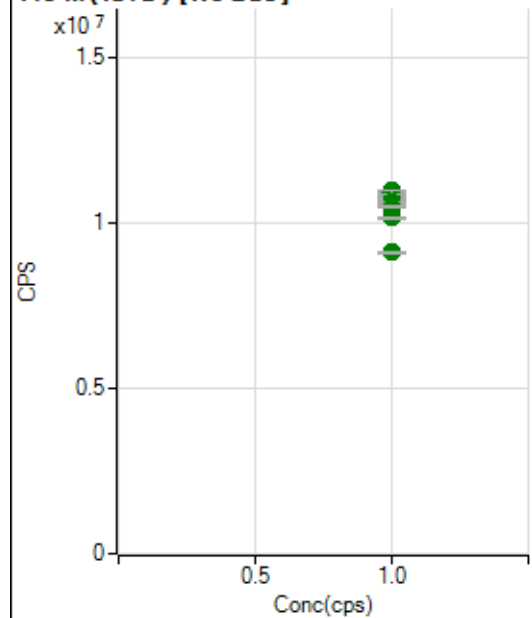
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1726460.65		P	0.2
2	☐	1.000		1764216.48		P	0.5
3	☐	1.000		1744325.89		P	0.5
4	☐	1.000		1746159.75		P	0.3
5	☐	1.000		1721757.53		P	1.3
6	☐	1.000		1715529.84		P	0.5
7	☐	1.000		1725882.87		P	0.6
8	☐	1.000		1738355.91		P	0.7
9	☐	1.000		1754816.09		P	1.0

103 Rh (ISTD) [No Gas]

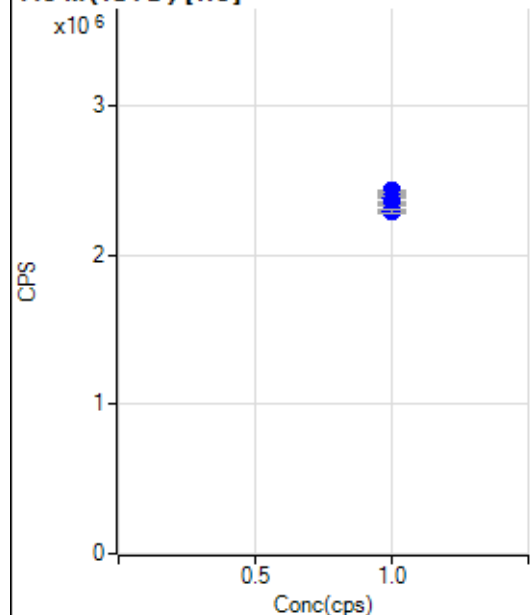
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10484987.12		A	0.4
2	☐	1.000		10511852.84		A	0.3
3	☐	1.000		10321227.49		A	1.0
4	☐	1.000		10385742.94		A	0.5
5	☐	1.000		10204233.74		A	0.8
6	☐	1.000		10016432.60		A	0.5
7	☐	1.000		9929448.57		A	0.2
8	☐	1.000		9635844.31		A	0.3
9	☐	1.000		8343723.62		A	0.8

103 Rh (ISTD) [He]

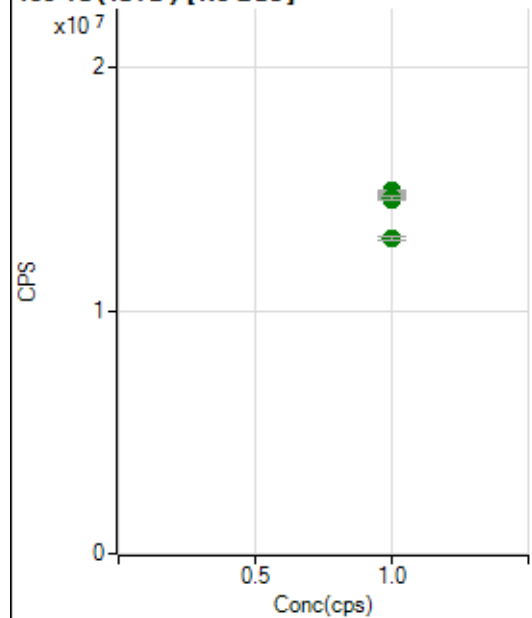
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5580669.22		P	0.2
2	☐	1.000		5683147.07		P	0.4
3	☐	1.000		5604008.67		P	0.5
4	☐	1.000		5586754.43		P	0.7
5	☐	1.000		5458058.60		P	1.0
6	☐	1.000		5384185.61		P	0.2
7	☐	1.000		5303217.14		P	0.4
8	☐	1.000		5225076.48		P	0.3
9	☐	1.000		4703773.82		P	0.4

115 In (ISTD) [No Gas]

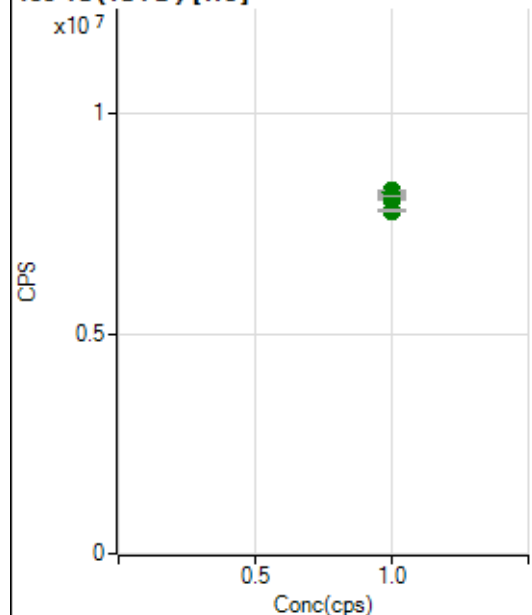
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10826705.04		A	0.5
2	☐	1.000		10948054.30		A	0.7
3	☐	1.000		10776929.82		A	0.5
4	☐	1.000		10909269.65		A	0.6
5	☐	1.000		10635721.90		A	0.5
6	☐	1.000		10604525.16		A	0.8
7	☐	1.000		10465852.51		A	0.8
8	☐	1.000		10131401.15		A	0.6
9	☐	1.000		9104744.54		A	0.6

115 In (ISTD) [He]

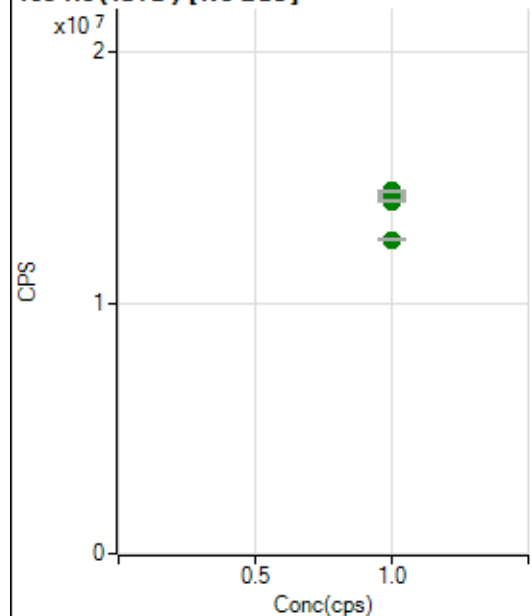
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2392114.68		P	0.4
2	☐	1.000		2429927.46		P	0.2
3	☐	1.000		2412439.81		P	0.5
4	☐	1.000		2415704.21		P	0.8
5	☐	1.000		2377204.04		P	1.4
6	☐	1.000		2355641.79		P	0.6
7	☐	1.000		2332287.02		P	0.4
8	☐	1.000		2295140.12		P	0.6
9	☐	1.000		2289078.79		P	0.9

159 Tb (ISTD) [No Gas]

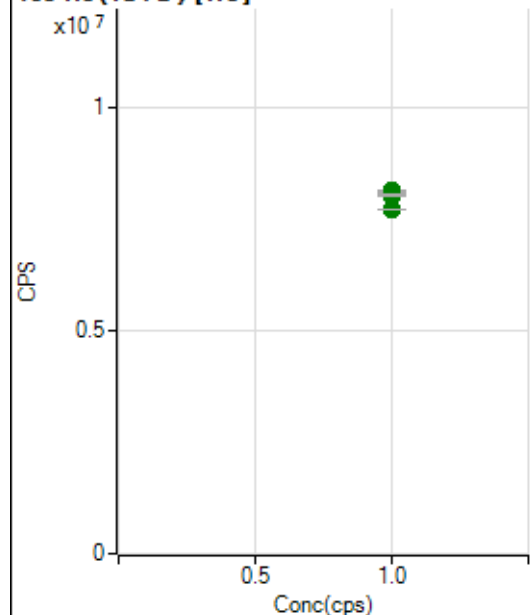
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14713359.36		A	0.6
2	☐	1.000		14789910.61		A	0.6
3	☐	1.000		14584762.01		A	0.8
4	☐	1.000		14816486.86		A	0.4
5	☐	1.000		14749921.31		A	0.2
6	☐	1.000		14695916.86		A	0.2
7	☐	1.000		14916578.94		A	0.7
8	☐	1.000		14642581.73		A	0.9
9	☐	1.000		12967199.25		A	0.8

159 Tb (ISTD) [He]

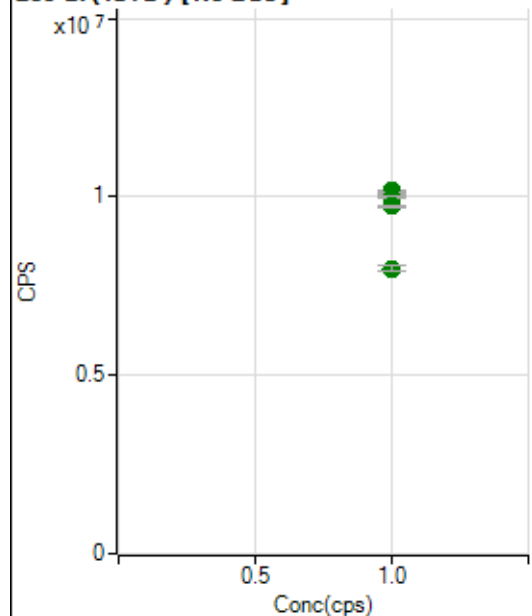
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8126626.48		A	0.6
2	☐	1.000		8119092.66		A	0.8
3	☐	1.000		8150639.74		A	0.1
4	☐	1.000		8255170.15		A	0.7
5	☐	1.000		8204969.46		A	1.1
6	☐	1.000		8072530.36		A	0.2
7	☐	1.000		8147419.60		A	0.9
8	☐	1.000		8132209.11		A	0.3
9	☐	1.000		7798900.58		A	0.3

165 Ho (ISTD) [No Gas]

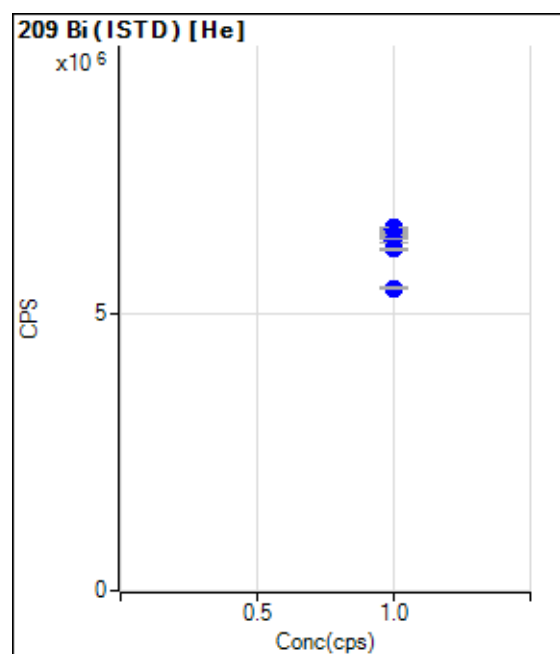
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14271652.40		A	0.6
2	☐	1.000		14144230.87		A	0.8
3	☐	1.000		14071269.07		A	0.4
4	☐	1.000		14250807.78		A	0.3
5	☐	1.000		14314796.67		A	0.6
6	☐	1.000		14337368.03		A	0.6
7	☐	1.000		14458044.59		A	0.6
8	☐	1.000		14060861.77		A	0.2
9	☐	1.000		12522090.21		A	0.8

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7996699.95		A	0.2
2	☐	1.000		8089645.37		A	0.1
3	☐	1.000		8116142.17		A	0.5
4	☐	1.000		8116139.25		A	0.6
5	☐	1.000		8094979.53		A	0.9
6	☐	1.000		8065764.81		A	0.6
7	☐	1.000		8066153.84		A	0.3
8	☐	1.000		8011821.48		A	0.4
9	☐	1.000		7707853.36		A	0.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10128919.16		A	0.4
2	☐	1.000		10122712.49		A	0.8
3	☐	1.000		10045658.95		A	0.8
4	☐	1.000		10166952.49		A	0.1
5	☐	1.000		10070525.54		A	1.4
6	☐	1.000		10093051.03		A	0.7
7	☐	1.000		9974020.27		A	0.5
8	☐	1.000		9743634.79		A	0.5
9	☐	1.000		8000740.16		A	1.8



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6431658.79		P	0.3
2	☐	1.000		6538213.58		P	0.3
3	☐	1.000		6502525.88		P	0.3
4	☐	1.000		6521927.05		P	0.8
5	☐	1.000		6418392.75		P	1.1
6	☐	1.000		6385158.66		P	0.5
7	☐	1.000		6302982.34		P	0.8
8	☐	1.000		6156333.59		P	0.3
9	☐	1.000		5453986.65		P	0.8

US EPA Tune Check Sample Report

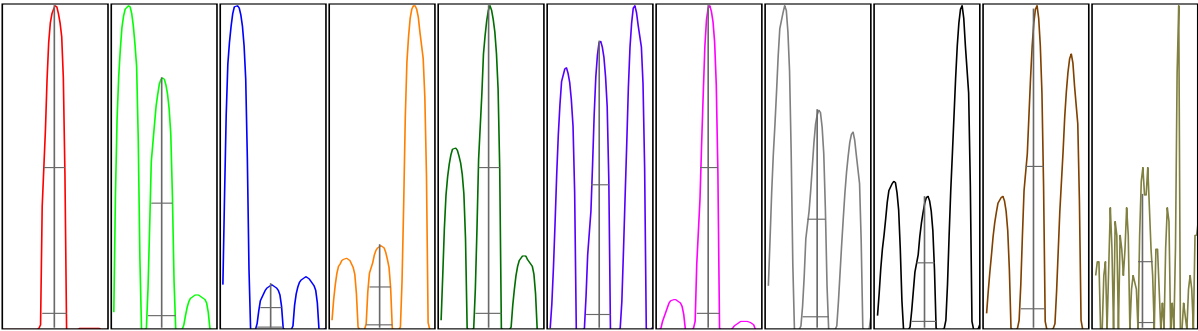
Batch Folder D:\ICP-MS Data\P7092817 MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	5883	0.89	5.00	
24	44451	0.61	5.00	
25	6042	0.84	5.00	
26	7138	0.84	5.00	
59	105052	0.62	5.00	
113	13904	0.42	5.00	
115	166431	1.31	5.00	
206	43313	0.78	5.00	
207	39100	0.69	5.00	
208	93330	0.82	5.00	
220	0	14.43		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	5796	5889	5885	5921	5927
24	44005	44467	44495	44554	44736
25	5952	6072	6055	6062	6069
26	7075	7108	7137	7132	7236
59	103944	105403	105562	104986	105364
113	13947	13978	13896	13841	13858
115	169414	168100	164672	164794	165172
206	42718	43449	43397	43470	43530
207	38623	39161	39258	39267	39192
208	92202	93739	92900	93709	94099
220	0	0	0	0	0

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	9888	9.00	8.9 - 9.1		0.740	0.900	
24	73075	23.95	23.9 - 24.1		0.821	0.900	
25	10015	24.95	24.9 - 25.1		0.779	0.900	
26	11839	25.95	25.9 - 26.1		0.754	0.900	
59	182611	58.95	58.9 - 59.1		0.775	0.900	
113	27258	113.00	112.9 - 113.1		0.724	0.900	
115	332500	115.00	114.9 - 115.1		0.688	0.900	
206	87084	206.00	205.9 - 206.1		0.762	0.900	
207	77453	206.95	206.9 - 207.1		0.728	0.900	
208	187777	207.95	207.9 - 208.1		0.730	0.900	
220	1	219.95	-		0.490		

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	11.9	V	Deflect	14.2	V
Extract 2	-250.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-115	V	Cell Exit	-50	V			

Cell Parameters

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

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	31319	0.52	
89	14694	0.44	
205	41808	0.49	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	31089	31227	31357	31492	31432
89	14604	14680	14678	14730	14777
205	41513	41693	42038	41887	41911

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	11.5	V	Deflect	2.6	V
Extract 2	-250.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-120	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 :	LB90415	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 12:49:33	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.10	-0.02	-0.08	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	0.00	-0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.00	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						%
Bismuth	209-2						%
Boron	10-1	-0.09	0.05	0.04	0.00	N/A	ppb
Boron	11-1	-0.05	-0.01	0.06	0.00	N/A	ppb
Cadmium	111-1	-0.02	0.00	0.02	0.00	N/A	ppb
Cadmium	106-1	-0.27	0.00	0.27	0.00	N/A	ppb
Cadmium	108-1	-0.03	0.01	0.02	0.00	N/A	ppb
Calcium	43-1	3.03	-1.61	-1.42	0.00	N/A	ppb
Calcium	44-1	1.79	-1.14	-0.65	0.00	N/A	ppb
Chromium	52-2	0.00	0.02	-0.02	0.00	N/A	ppb
Cobalt	59-2	0.00	0.01	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.04	0.04	0.00	0.00	N/A	ppb
Iron	57-2	-0.40	-0.01	0.41	0.00	N/A	ppb
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.00	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						%
Magnesium	24-2	-0.12	0.06	0.06	0.00	N/A	ppb
Manganese	55-2	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 12:49:33	DataFile Name :	004CALB.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	0.01	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.01	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.00	-0.01	0.00	N/A	ppb
Phosphorus	31-2	7.49	1.94	-4.73	1.57	390.54	ppb
Potassium	39-2	0.38	0.14	-0.51	0.00	N/A	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.40	-0.04	0.45	0.00	N/A	ppb
Selenium	82-1	0.00	-0.33	0.33	0.00	N/A	ppb
Silicon	28-1	0.07	0.17	-0.24	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	0.68	-0.72	0.04	0.00	N/A	ppb
Strontium	86-1	-0.03	0.01	0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	52.08	9.00	70.91	44.00	72.13	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.02	-0.02	0.00	0.00	N/A	ppb
Titanium	47-1	-0.04	0.02	0.02	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						%
Yttrium	89-2						%
Zinc	66-2	0.05	-0.02	-0.04	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 12:49:33	DataFile Name :	004CALB.d

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

LB Number : LB90415 Operator : Jaswal
 Lab Sample ID : S1 Instrumnet Name : P7
 Client Sample ID : S1 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-28 12:52:59 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.46	1.64	1.24	1.44	13.64	ppb
Antimony	121-1	0.18	0.17	0.17	0.17	2.54	ppb
Arsenic	75-2	0.09	0.06	0.08	0.08	16.55	ppb
Barium	135-1	0.50	0.47	0.53	0.50	5.81	ppb
Barium	137-1	0.52	0.52	0.50	0.51	2.55	ppb
Beryllium	9-1	0.05	0.08	0.08	0.07	19.89	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.62	2.05	2.48	2.05	20.80	ppb
Boron	11-1	2.24	2.35	2.05	2.21	6.92	ppb
Cadmium	111-1	0.08	0.07	0.07	0.07	3.97	ppb
Cadmium	106-1	-0.03	-0.32	0.16	-0.06		ppb
Cadmium	108-1	0.06	0.06	0.12	0.08	42.37	ppb
Calcium	43-1	51.10	44.93	48.55	48.19	6.44	ppb
Calcium	44-1	43.92	38.88	43.19	42.00	6.48	ppb
Chromium	52-2	0.15	0.19	0.18	0.17	12.92	ppb
Cobalt	59-2	0.09	0.09	0.08	0.09	6.88	ppb
Copper	63-2	0.19	0.17	0.16	0.18	8.89	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	4.45	4.35	4.18	4.33	3.11	ppb
Iron	57-2	4.66	3.66	2.53	3.62	29.35	ppb
Lead	206-1	0.09	0.08	0.07	0.08	12.16	ppb
Lead	207-1	0.09	0.10	0.07	0.09	14.28	ppb
Lead	208-1	0.09	0.09	0.08	0.09	4.01	ppb
Lithium	6-1						%
Magnesium	24-2	41.57	41.73	38.89	40.73	3.92	ppb
Manganese	55-2	0.10	0.06	0.10	0.09	21.69	ppb

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	S1	Instrumnet Name :	P7
Client Sample ID :	S1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 12:52:59	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.17	0.20	0.18	0.19	7.81	ppb
Molybdenum	95-1	0.43	0.39	0.42	0.41	5.59	ppb
Molybdenum	96-1	0.34	0.38	0.35	0.36	4.96	ppb
Molybdenum	97-1	0.48	0.43	0.41	0.44	7.68	ppb
Molybdenum	98-1	0.40	0.47	0.42	0.43	8.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.10	0.06	0.07	0.08	27.88	ppb
Phosphorus	31-2	-15.75	4.18	-9.40	-6.99		ppb
Potassium	39-2	41.25	41.20	41.85	41.43	0.87	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.53	1.59	0.27	0.79	88.31	ppb
Selenium	78-2	0.52	0.10	0.15	0.26	91.62	ppb
Selenium	82-1	0.90	0.57	0.48	0.65	34.01	ppb
Silicon	28-1	1.06	1.22	1.46	1.25	16.31	ppb
Silver	109-1	0.09	0.09	0.10	0.09	5.25	ppb
Silver	107-1	0.09	0.09	0.09	0.09	4.10	ppb
Sodium	23-2	44.74	44.60	45.98	45.10	1.69	ppb
Strontium	86-1	0.08	0.09	0.05	0.07	27.47	ppb
Strontium	88-1	0.09	0.09	0.08	0.09	4.07	ppb
Sulfur	34-1	47.18	-15.35	4.69	12.17	262.28	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.09	0.09	0.09	0.09	1.23	ppb
Thallium	205-1	0.09	0.08	0.09	0.09	5.69	ppb
Tin	118-1	0.39	0.41	0.42	0.40	3.31	ppb
Titanium	47-1	0.43	0.41	0.50	0.44	10.19	ppb
Uranium	238-1	0.08	0.08	0.08	0.08	2.80	ppb
Vanadium	51-2	0.40	0.41	0.44	0.42	4.87	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.31	0.31	0.32	0.31	1.53	ppb
Zirconium	90-1	0.06	0.08	0.09	0.08	16.70	ppb

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	S1	Instrumnet Name :	P7
Client Sample ID :	S1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 12:52:59	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.09	0.07	0.09	11.36	ppb

LB Number : LB90415 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-28 12:57:33 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.03	18.83	16.05	17.63	8.12	ppb
Antimony	121-1	1.76	1.84	1.82	1.81	2.24	ppb
Arsenic	75-2	0.99	0.80	0.94	0.91	11.14	ppb
Barium	135-1	5.14	5.12	5.19	5.15	0.70	ppb
Barium	137-1	5.08	5.18	5.12	5.13	1.00	ppb
Beryllium	9-1	0.89	0.92	0.84	0.88	4.77	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	20.71	20.81	21.39	20.97	1.73	ppb
Boron	11-1	22.31	22.80	22.19	22.43	1.44	ppb
Cadmium	111-1	0.92	0.92	0.94	0.93	1.41	ppb
Cadmium	106-1	0.42	0.86	0.99	0.76	39.66	ppb
Cadmium	108-1	0.86	1.03	1.00	0.96	9.32	ppb
Calcium	43-1	436.22	433.17	432.16	433.85	0.49	ppb
Calcium	44-1	439.80	439.69	441.63	440.37	0.25	ppb
Chromium	52-2	1.98	1.99	2.01	1.99	0.60	ppb
Cobalt	59-2	0.96	0.96	0.95	0.96	0.51	ppb
Copper	63-2	1.97	1.92	1.97	1.95	1.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	48.34	47.48	48.06	47.96	0.91	ppb
Iron	57-2	48.63	49.23	47.32	48.39	2.02	ppb
Lead	206-1	0.89	0.93	0.91	0.91	2.63	ppb
Lead	207-1	0.90	0.90	0.93	0.91	1.80	ppb
Lead	208-1	0.90	0.92	0.92	0.91	0.88	ppb
Lithium	6-1						%
Magnesium	24-2	469.08	459.54	452.03	460.22	1.86	ppb
Manganese	55-2	0.90	0.96	1.01	0.96	5.78	ppb

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 12:57:33	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.00	1.90	2.03	1.98	3.39	ppb
Molybdenum	95-1	4.50	4.37	4.42	4.43	1.55	ppb
Molybdenum	96-1	3.85	3.80	3.79	3.81	0.83	ppb
Molybdenum	97-1	4.45	4.31	4.33	4.36	1.67	ppb
Molybdenum	98-1	4.40	4.28	4.38	4.35	1.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.05	0.99	1.14	1.06	7.21	ppb
Phosphorus	31-2	8.34	3.11	4.82	5.42	49.09	ppb
Potassium	39-2	437.31	434.04	436.45	435.93	0.39	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	5.11	3.73	4.02	4.29	16.95	ppb
Selenium	78-2	4.16	4.06	4.41	4.21	4.32	ppb
Selenium	82-1	5.08	4.59	4.61	4.76	5.84	ppb
Silicon	28-1	11.90	12.78	12.59	12.42	3.75	ppb
Silver	109-1	0.96	0.98	0.97	0.97	1.26	ppb
Silver	107-1	0.99	0.98	0.95	0.97	2.02	ppb
Sodium	23-2	480.55	468.79	465.09	471.48	1.71	ppb
Strontium	86-1	0.87	0.88	0.92	0.89	2.99	ppb
Strontium	88-1	0.92	0.89	0.95	0.92	3.48	ppb
Sulfur	34-1	-134.97	-55.95	22.41	-56.17		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.94	0.87	0.91	0.90	3.63	ppb
Thallium	205-1	0.92	0.91	0.91	0.91	0.87	ppb
Tin	118-1	4.48	4.45	4.62	4.52	1.91	ppb
Titanium	47-1	4.31	4.52	4.44	4.42	2.44	ppb
Uranium	238-1	0.82	0.81	0.83	0.82	1.21	ppb
Vanadium	51-2	4.60	4.48	4.58	4.55	1.45	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.08	2.16	1.98	2.07	4.38	ppb
Zirconium	90-1	0.88	0.83	0.90	0.87	3.90	ppb

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 12:57:33	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.81	0.78	0.93	0.84	9.76	ppb

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:01:17	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	970.43	972.19	956.33	966.32	0.90	ppb
Antimony	121-1	49.18	50.05	50.02	49.75	0.99	ppb
Arsenic	75-2	50.56	50.71	50.38	50.55	0.33	ppb
Barium	135-1	253.26	253.84	251.44	252.85	0.50	ppb
Barium	137-1	256.12	254.34	253.98	254.82	0.45	ppb
Beryllium	9-1	49.57	49.56	50.18	49.77	0.71	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	46.95	48.15	46.72	47.28	1.62	ppb
Boron	11-1	50.63	49.69	50.70	50.34	1.12	ppb
Cadmium	111-1	52.54	52.33	52.82	52.56	0.46	ppb
Cadmium	106-1	51.50	52.19	51.93	51.87	0.67	ppb
Cadmium	108-1	52.16	52.34	52.09	52.20	0.25	ppb
Calcium	43-1	5058.65	5030.05	4967.37	5018.69	0.93	ppb
Calcium	44-1	4950.96	4971.57	4977.21	4966.58	0.28	ppb
Chromium	52-2	53.00	52.24	52.46	52.57	0.75	ppb
Cobalt	59-2	53.32	53.08	53.30	53.23	0.24	ppb
Copper	63-2	107.83	107.60	108.78	108.07	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2692.93	2659.24	2657.67	2669.95	0.75	ppb
Iron	57-2	2706.44	2668.48	2670.65	2681.86	0.79	ppb
Lead	206-1	49.12	48.91	49.25	49.09	0.35	ppb
Lead	207-1	48.67	48.55	49.08	48.77	0.57	ppb
Lead	208-1	49.18	49.11	49.39	49.23	0.30	ppb
Lithium	6-1						%
Magnesium	24-2	5175.47	5164.47	5219.43	5186.46	0.56	ppb
Manganese	55-2	104.82	103.03	103.00	103.62	1.00	ppb

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:01:17	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	49.52	49.53	49.60	49.55	0.08	ppb
Molybdenum	95-1	50.50	49.95	50.76	50.41	0.82	ppb
Molybdenum	96-1	50.05	49.84	50.03	49.97	0.23	ppb
Molybdenum	97-1	51.34	51.12	50.95	51.14	0.38	ppb
Molybdenum	98-1	49.97	49.25	49.50	49.57	0.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.58	54.56	54.74	54.63	0.18	ppb
Phosphorus	31-2	1024.63	1028.98	997.60	1017.07	1.67	ppb
Potassium	39-2	2441.24	2435.29	2438.89	2438.47	0.12	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	51.56	44.60	51.23	49.13	7.99	ppb
Selenium	78-2	52.89	49.43	48.75	50.36	4.41	ppb
Selenium	82-1	51.92	52.27	52.17	52.12	0.34	ppb
Silicon	28-1	50.01	50.56	50.20	50.26	0.56	ppb
Silver	109-1	52.55	52.12	52.25	52.31	0.42	ppb
Silver	107-1	52.06	52.06	52.42	52.18	0.40	ppb
Sodium	23-2	5315.26	5283.76	5358.95	5319.32	0.71	ppb
Strontium	86-1	50.66	50.48	50.83	50.65	0.35	ppb
Strontium	88-1	50.70	50.62	50.33	50.55	0.38	ppb
Sulfur	34-1	1197.17	1302.53	1158.29	1219.33	6.12	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	49.26	48.75	49.11	49.04	0.53	ppb
Thallium	205-1	50.00	50.00	50.02	50.01	0.02	ppb
Tin	118-1	50.02	49.99	50.33	50.11	0.37	ppb
Titanium	47-1	50.67	52.40	51.67	51.58	1.69	ppb
Uranium	238-1	47.68	47.43	47.60	47.57	0.27	ppb
Vanadium	51-2	51.66	50.67	51.14	51.16	0.97	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	107.09	105.61	106.93	106.54	0.76	ppb
Zirconium	90-1	49.16	49.11	49.43	49.23	0.35	ppb

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:01:17	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	49.06	49.46	49.42	49.31	0.45	ppb

LB Number : LB90415 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-28 13:05:14 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2392.44	2362.50	2398.56	2384.50	0.81	ppb
Antimony	121-1	123.92	125.58	126.24	125.24	0.96	ppb
Arsenic	75-2	126.08	125.96	126.33	126.12	0.15	ppb
Barium	135-1	626.80	631.64	631.86	630.10	0.45	ppb
Barium	137-1	636.78	632.95	632.81	634.18	0.36	ppb
Beryllium	9-1	124.64	126.12	124.08	124.95	0.84	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	117.52	124.76	122.16	121.48	3.02	ppb
Boron	11-1	124.05	127.49	124.82	125.45	1.44	ppb
Cadmium	111-1	131.08	130.07	130.21	130.45	0.42	ppb
Cadmium	106-1	128.06	130.94	125.76	128.25	2.02	ppb
Cadmium	108-1	130.96	126.48	129.59	129.01	1.78	ppb
Calcium	43-1	12234.07	12279.67	12362.37	12292.04	0.53	ppb
Calcium	44-1	12252.04	12188.89	12246.05	12229.00	0.29	ppb
Chromium	52-2	130.44	128.21	130.80	129.82	1.08	ppb
Cobalt	59-2	132.10	131.42	132.94	132.15	0.58	ppb
Copper	63-2	266.76	264.55	267.84	266.38	0.63	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	6676.93	6566.28	6697.87	6647.03	1.06	ppb
Iron	57-2	6673.92	6622.11	6729.96	6675.33	0.81	ppb
Lead	206-1	125.77	121.58	123.93	123.76	1.70	ppb
Lead	207-1	125.03	121.70	122.53	123.09	1.41	ppb
Lead	208-1	125.64	123.35	124.17	124.39	0.93	ppb
Lithium	6-1						%
Magnesium	24-2	12823.15	12663.58	12969.54	12818.76	1.19	ppb
Manganese	55-2	258.42	254.73	259.38	257.51	0.95	ppb

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:05:14	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	124.03	125.63	125.86	125.18	0.80	ppb
Molybdenum	95-1	126.57	127.46	127.09	127.04	0.35	ppb
Molybdenum	96-1	125.29	126.33	125.64	125.75	0.42	ppb
Molybdenum	97-1	128.13	129.45	128.84	128.81	0.51	ppb
Molybdenum	98-1	125.09	125.00	124.79	124.96	0.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	134.28	132.55	134.44	133.76	0.79	ppb
Phosphorus	31-2	2527.17	2461.00	2441.18	2476.45	1.82	ppb
Potassium	39-2	6076.88	6025.95	6100.49	6067.78	0.63	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	112.73	124.84	128.16	121.91	6.66	ppb
Selenium	78-2	127.73	127.27	125.98	126.99	0.71	ppb
Selenium	82-1	128.89	130.59	129.16	129.55	0.71	ppb
Silicon	28-1	124.91	127.00	128.70	126.87	1.50	ppb
Silver	109-1	130.45	129.81	129.22	129.83	0.47	ppb
Silver	107-1	129.85	128.39	128.61	128.95	0.61	ppb
Sodium	23-2	13059.02	12914.59	13142.02	13038.54	0.88	ppb
Strontium	86-1	126.93	127.59	128.20	127.57	0.50	ppb
Strontium	88-1	126.96	127.60	126.91	127.16	0.30	ppb
Sulfur	34-1	2303.97	2337.34	2484.90	2375.40	4.05	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	126.42	123.00	123.78	124.40	1.44	ppb
Thallium	205-1	128.00	123.59	126.60	126.06	1.79	ppb
Tin	118-1	123.78	124.29	124.24	124.10	0.23	ppb
Titanium	47-1	128.20	127.42	127.70	127.77	0.31	ppb
Uranium	238-1	123.66	120.85	120.35	121.62	1.47	ppb
Vanadium	51-2	128.45	126.98	128.72	128.05	0.73	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	264.31	263.81	266.07	264.73	0.45	ppb
Zirconium	90-1	124.62	124.63	124.07	124.44	0.26	ppb

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:05:14	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	123.48	124.29	124.70	124.16	0.50	ppb

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:08:52	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4807.02	4706.44	4751.39	4754.95	1.06	ppb
Antimony	121-1	251.25	250.48	252.42	251.38	0.39	ppb
Arsenic	75-2	252.17	254.78	250.39	252.45	0.88	ppb
Barium	135-1	1245.93	1268.39	1264.36	1259.56	0.95	ppb
Barium	137-1	1259.82	1273.86	1273.82	1269.17	0.64	ppb
Beryllium	9-1	255.06	251.57	247.57	251.40	1.49	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	247.23	242.40	249.02	246.22	1.39	ppb
Boron	11-1	245.94	248.53	245.32	246.60	0.69	ppb
Cadmium	111-1	258.74	260.53	258.53	259.27	0.42	ppb
Cadmium	106-1	254.55	253.20	255.38	254.37	0.43	ppb
Cadmium	108-1	258.32	258.76	259.07	258.72	0.15	ppb
Calcium	43-1	24641.52	24818.72	24420.52	24626.92	0.81	ppb
Calcium	44-1	24573.00	24573.23	24481.95	24542.73	0.21	ppb
Chromium	52-2	258.30	256.53	255.05	256.63	0.63	ppb
Cobalt	59-2	261.86	260.08	258.99	260.31	0.56	ppb
Copper	63-2	525.71	522.10	521.14	522.99	0.46	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	13249.78	13179.14	13168.58	13199.16	0.33	ppb
Iron	57-2	13309.44	13201.21	13149.18	13219.95	0.62	ppb
Lead	206-1	245.45	248.49	247.21	247.05	0.62	ppb
Lead	207-1	242.47	247.66	243.85	244.66	1.10	ppb
Lead	208-1	244.87	249.35	245.89	246.70	0.95	ppb
Lithium	6-1						%
Magnesium	24-2	25506.20	25112.12	25422.00	25346.77	0.82	ppb
Manganese	55-2	515.88	509.51	508.11	511.16	0.81	ppb

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:08:52	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	248.68	249.88	250.28	249.61	0.33	ppb
Molybdenum	95-1	250.28	254.01	253.03	252.44	0.77	ppb
Molybdenum	96-1	246.22	251.74	249.50	249.15	1.11	ppb
Molybdenum	97-1	252.04	257.02	256.10	255.05	1.04	ppb
Molybdenum	98-1	246.99	249.54	246.94	247.82	0.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	265.24	263.00	260.91	263.05	0.82	ppb
Phosphorus	31-2	5136.08	5016.27	5006.15	5052.83	1.43	ppb
Potassium	39-2	12111.91	11971.48	12008.55	12030.65	0.60	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	258.55	269.80	249.07	259.14	4.00	ppb
Selenium	78-2	254.48	252.16	250.34	252.33	0.82	ppb
Selenium	82-1	254.57	257.01	254.25	255.27	0.59	ppb
Silicon	28-1	256.97	265.05	261.49	261.17	1.55	ppb
Silver	109-1	255.06	256.55	254.96	255.52	0.35	ppb
Silver	107-1	254.14	252.96	255.93	254.34	0.59	ppb
Sodium	23-2	26514.31	26056.43	26257.27	26276.00	0.87	ppb
Strontium	86-1	252.12	251.81	253.43	252.45	0.34	ppb
Strontium	88-1	249.78	250.35	250.28	250.14	0.12	ppb
Sulfur	34-1	4933.78	4991.92	4805.12	4910.28	1.95	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	249.20	252.92	247.33	249.82	1.14	ppb
Thallium	205-1	251.10	251.41	247.21	249.90	0.94	ppb
Tin	118-1	248.93	249.62	249.48	249.35	0.15	ppb
Titanium	47-1	250.38	253.36	250.24	251.32	0.70	ppb
Uranium	238-1	243.47	244.76	243.07	243.77	0.36	ppb
Vanadium	51-2	253.05	251.76	252.92	252.58	0.28	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	530.21	523.38	523.05	525.55	0.77	ppb
Zirconium	90-1	249.56	248.30	249.51	249.12	0.29	ppb

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:08:52	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	247.92	247.92	247.47	247.77	0.10	ppb

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:12:25	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9493.04	9538.18	9681.55	9570.93	1.03	ppb
Antimony	121-1	500.69	501.47	501.34	501.17	0.08	ppb
Arsenic	75-2	503.24	503.82	503.74	503.60	0.06	ppb
Barium	135-1	2516.62	2488.49	2512.68	2505.93	0.61	ppb
Barium	137-1	2514.98	2483.53	2500.78	2499.77	0.63	ppb
Beryllium	9-1	492.50	498.58	504.27	498.45	1.18	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	478.70	483.63	505.63	489.32	2.93	ppb
Boron	11-1	486.98	492.13	499.16	492.76	1.24	ppb
Cadmium	111-1	511.89	504.39	509.64	508.64	0.76	ppb
Cadmium	106-1	508.87	503.09	508.87	506.95	0.66	ppb
Cadmium	108-1	511.10	503.84	502.75	505.89	0.90	ppb
Calcium	43-1	48905.96	48446.31	48857.68	48736.65	0.52	ppb
Calcium	44-1	48398.96	47968.59	48514.64	48294.07	0.60	ppb
Chromium	52-2	506.67	507.77	511.13	508.53	0.46	ppb
Cobalt	59-2	505.94	512.30	515.67	511.30	0.97	ppb
Copper	63-2	1026.88	1031.28	1038.42	1032.20	0.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	26104.35	26346.67	26389.47	26280.16	0.59	ppb
Iron	57-2	26036.28	26207.32	26417.07	26220.22	0.73	ppb
Lead	206-1	499.50	498.95	499.07	499.17	0.06	ppb
Lead	207-1	494.57	495.20	494.09	494.62	0.11	ppb
Lead	208-1	499.81	499.78	499.57	499.72	0.03	ppb
Lithium	6-1						%
Magnesium	24-2	49905.98	50120.41	51195.69	50407.36	1.37	ppb
Manganese	55-2	1009.81	1009.44	1019.12	1012.79	0.54	ppb

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:12:25	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	501.60	498.71	504.18	501.50	0.55	ppb
Molybdenum	95-1	501.82	504.62	506.01	504.15	0.42	ppb
Molybdenum	96-1	496.77	493.93	501.83	497.51	0.80	ppb
Molybdenum	97-1	507.70	507.43	514.82	509.98	0.82	ppb
Molybdenum	98-1	505.03	507.21	508.46	506.90	0.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	512.31	516.88	519.08	516.09	0.67	ppb
Phosphorus	31-2	10162.51	10117.16	10335.76	10205.14	1.13	ppb
Potassium	39-2	24089.91	24081.54	24205.75	24125.73	0.29	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	519.76	511.25	515.02	515.34	0.83	ppb
Selenium	78-2	495.48	511.52	499.85	502.29	1.65	ppb
Selenium	82-1	507.53	510.67	514.55	510.92	0.69	ppb
Silicon	28-1	531.21	531.26	546.79	536.42	1.67	ppb
Silver	109-1	515.43	500.87	504.16	506.82	1.51	ppb
Silver	107-1	507.43	500.98	504.97	504.46	0.65	ppb
Sodium	23-2	51455.07	51947.08	52809.41	52070.52	1.32	ppb
Strontium	86-1	503.53	502.54	504.45	503.51	0.19	ppb
Strontium	88-1	499.27	500.79	503.50	501.19	0.43	ppb
Sulfur	34-1	10142.38	9985.89	10166.94	10098.40	0.97	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	502.21	506.61	506.02	504.95	0.47	ppb
Thallium	205-1	505.37	504.43	504.73	504.84	0.10	ppb
Tin	118-1	488.97	502.05	493.02	494.68	1.35	ppb
Titanium	47-1	501.35	499.26	507.32	502.65	0.83	ppb
Uranium	238-1	498.89	505.54	499.17	501.20	0.75	ppb
Vanadium	51-2	503.56	504.32	508.76	505.55	0.56	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1026.23	1024.29	1034.44	1028.32	0.52	ppb
Zirconium	90-1	499.44	502.07	501.33	500.95	0.27	ppb

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:12:25	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	493.41	495.41	496.46	495.09	0.31	ppb

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:15:55	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18666.12	18740.08	18792.30	18732.83	0.34	ppb
Antimony	121-1	1005.81	989.20	1002.15	999.05	0.87	ppb
Arsenic	75-2	1000.60	997.29	994.38	997.42	0.31	ppb
Barium	135-1	5049.37	4945.70	4986.55	4993.88	1.05	ppb
Barium	137-1	5037.39	4958.83	4985.63	4993.95	0.80	ppb
Beryllium	9-1	1003.15	995.73	1002.46	1000.44	0.41	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	995.09	1001.69	1024.11	1006.96	1.51	ppb
Boron	11-1	994.60	1004.33	1014.46	1004.46	0.99	ppb
Cadmium	111-1	1001.77	983.39	992.50	992.55	0.93	ppb
Cadmium	106-1	999.46	987.19	998.16	994.93	0.68	ppb
Cadmium	108-1	999.60	990.10	993.08	994.26	0.49	ppb
Calcium	43-1	97389.80	97212.44	96606.73	97069.65	0.42	ppb
Calcium	44-1	97772.53	96820.90	96499.76	97031.06	0.68	ppb
Chromium	52-2	992.61	990.14	997.30	993.35	0.37	ppb
Cobalt	59-2	987.79	996.50	987.86	990.72	0.51	ppb
Copper	63-2	1971.15	1979.78	1976.18	1975.70	0.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	51310.29	51217.02	51156.17	51227.82	0.15	ppb
Iron	57-2	50561.14	51233.00	51044.09	50946.08	0.68	ppb
Lead	206-1	993.07	1001.35	1009.64	1001.35	0.83	ppb
Lead	207-1	1002.95	1000.42	1009.60	1004.33	0.47	ppb
Lead	208-1	999.75	1001.04	1002.45	1001.08	0.13	ppb
Lithium	6-1						%
Magnesium	24-2	98798.52	98738.48	97472.75	98336.59	0.76	ppb
Manganese	55-2	2000.43	1976.12	1992.53	1989.70	0.62	ppb

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:15:55	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1001.66	996.50	999.93	999.36	0.26	ppb
Molybdenum	95-1	1000.47	984.41	1006.26	997.04	1.14	ppb
Molybdenum	96-1	999.22	987.38	1017.51	1001.37	1.52	ppb
Molybdenum	97-1	989.51	990.15	999.99	993.22	0.59	ppb
Molybdenum	98-1	1002.41	991.29	997.67	997.12	0.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	981.93	990.36	989.81	987.37	0.48	ppb
Phosphorus	31-2	19619.13	19941.76	20098.04	19886.31	1.23	ppb
Potassium	39-2	47307.73	47350.12	47771.35	47476.40	0.54	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	965.95	981.74	1023.75	990.48	3.02	ppb
Selenium	78-2	998.00	1007.93	988.10	998.01	0.99	ppb
Selenium	82-1	988.58	993.36	995.71	992.55	0.37	ppb
Silicon	28-1	978.10	977.99	980.09	978.73	0.12	ppb
Silver	109-1	1004.93	984.21	994.34	994.49	1.04	ppb
Silver	107-1	1003.45	990.70	994.09	996.08	0.66	ppb
Sodium	23-2	101335.53	101966.91	101345.20	101549.21	0.36	ppb
Strontium	86-1	995.37	998.53	997.93	997.28	0.17	ppb
Strontium	88-1	998.57	995.06	1003.59	999.07	0.43	ppb
Sulfur	34-1	19968.31	20026.68	19938.52	19977.84	0.22	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	990.56	998.40	1004.13	997.70	0.68	ppb
Thallium	205-1	991.91	1001.83	998.67	997.47	0.51	ppb
Tin	118-1	1015.57	988.58	1004.65	1002.93	1.35	ppb
Titanium	47-1	998.36	1005.11	990.31	997.92	0.74	ppb
Uranium	238-1	1007.87	992.25	1004.38	1001.50	0.82	ppb
Vanadium	51-2	994.61	996.56	997.26	996.15	0.14	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1970.57	1975.17	1986.12	1977.29	0.40	ppb
Zirconium	90-1	998.25	1001.25	1000.07	999.85	0.15	ppb

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:15:55	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1000.80	1001.25	1007.40	1003.15	0.37	ppb

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:19:22	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100571.16	100775.64	99588.65	100311.82	0.63	ppb
Antimony	121-1	2.43	2.26	2.20	2.30	5.23	ppb
Arsenic	75-2	0.56	0.43	0.49	0.49	13.73	ppb
Barium	135-1	0.82	0.70	0.72	0.75	8.83	ppb
Barium	137-1	0.75	0.76	0.74	0.75	1.23	ppb
Beryllium	9-1	0.04	0.05	0.03	0.04	28.49	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	27.93	25.91	27.23	27.03	3.81	ppb
Boron	11-1	27.00	27.51	25.23	26.58	4.51	ppb
Cadmium	111-1	0.15	0.20	0.21	0.19	17.57	ppb
Cadmium	106-1	0.84	1.48	1.37	1.23	27.75	ppb
Cadmium	108-1	0.14	0.13	0.11	0.13	12.11	ppb
Calcium	43-1	492779.43	503670.32	505758.66	500736.14	1.39	ppb
Calcium	44-1	492631.86	504528.87	505222.51	500794.41	1.41	ppb
Chromium	52-2	9.86	9.76	9.66	9.76	1.02	ppb
Cobalt	59-2	1.00	1.04	1.04	1.03	2.16	ppb
Copper	63-2	2.20	2.18	2.13	2.17	1.69	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	251475.85	248650.87	248612.78	249579.84	0.66	ppb
Iron	57-2	250477.85	249857.62	248585.47	249640.31	0.39	ppb
Lead	206-1	1.03	1.11	1.03	1.06	4.79	ppb
Lead	207-1	1.00	1.04	1.00	1.01	2.37	ppb
Lead	208-1	1.02	1.08	1.03	1.04	3.42	ppb
Lithium	6-1						%
Magnesium	24-2	504746.56	499361.04	496686.84	500264.82	0.82	ppb
Manganese	55-2	6.58	6.75	6.45	6.60	2.28	ppb

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:19:22	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.77	0.81	0.77	0.79	3.22	ppb
Molybdenum	95-1	2.16	2.26	2.19	2.20	2.32	ppb
Molybdenum	96-1	2.17	2.12	2.13	2.14	1.26	ppb
Molybdenum	97-1	2.14	2.18	2.08	2.13	2.23	ppb
Molybdenum	98-1	2.08	1.98	1.95	2.01	3.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.32	4.29	4.24	4.28	0.86	ppb
Phosphorus	31-2	8.39	23.70	3.78	11.96	87.18	ppb
Potassium	39-2	251089.37	249856.20	250917.17	250620.92	0.27	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.81	0.79	0.79	0.80	1.04	ppb
Selenium	78-2	0.22	-0.08	0.22	0.12	145.97	ppb
Selenium	82-1	0.42	0.82	0.44	0.56	40.22	ppb
Silicon	28-1	47.90	52.26	53.44	51.20	5.70	ppb
Silver	109-1	0.08	0.07	0.07	0.07	7.60	ppb
Silver	107-1	0.08	0.06	0.08	0.07	15.86	ppb
Sodium	23-2	502608.96	501491.09	494107.98	499402.68	0.92	ppb
Strontium	86-1	34.82	34.77	34.85	34.81	0.12	ppb
Strontium	88-1	34.77	34.64	34.75	34.72	0.21	ppb
Sulfur	34-1	-158.12	176.19	237.70	85.25	249.85	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.53	0.52	0.45	0.50	8.05	ppb
Thallium	205-1	0.53	0.51	0.45	0.50	8.27	ppb
Tin	118-1	0.58	0.46	0.48	0.51	12.68	ppb
Titanium	47-1	0.81	2.37	0.85	1.34	66.28	ppb
Uranium	238-1	0.07	0.07	0.07	0.07	5.99	ppb
Vanadium	51-2	0.24	0.25	0.24	0.24	1.59	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	3.65	3.64	3.68	3.66	0.61	ppb
Zirconium	90-1	0.20	0.16	0.16	0.18	13.63	ppb

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:19:22	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.15	0.18	0.16	0.16	7.77	ppb

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:23:02	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	503.21	506.27	503.87	504.45	0.32	ppb
Antimony	121-1	199.10	200.09	199.42	199.54	0.25	ppb
Arsenic	75-2	199.39	200.50	199.75	199.88	0.28	ppb
Barium	135-1	58.53	58.64	57.63	58.27	0.96	ppb
Barium	137-1	57.93	58.74	58.29	58.32	0.70	ppb
Beryllium	9-1	108.84	103.42	105.80	106.02	2.56	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	544.97	522.80	535.37	534.38	2.08	ppb
Boron	11-1	537.83	519.03	526.48	527.78	1.79	ppb
Cadmium	111-1	110.70	109.78	109.91	110.13	0.45	ppb
Cadmium	106-1	193.19	190.88	188.22	190.76	1.30	ppb
Cadmium	108-1	157.62	154.77	152.79	155.06	1.57	ppb
Calcium	43-1	2285.41	2347.93	2290.73	2308.02	1.50	ppb
Calcium	44-1	2222.16	2266.88	2252.61	2247.22	1.02	ppb
Chromium	52-2	98.05	98.44	98.88	98.46	0.42	ppb
Cobalt	59-2	101.44	102.23	101.56	101.74	0.42	ppb
Copper	63-2	102.59	103.59	103.28	103.15	0.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1032.45	1020.99	1024.34	1025.93	0.57	ppb
Iron	57-2	1034.43	1041.38	1046.24	1040.68	0.57	ppb
Lead	206-1	202.37	199.26	199.47	200.37	0.87	ppb
Lead	207-1	192.44	192.27	191.24	191.98	0.34	ppb
Lead	208-1	198.04	196.22	196.46	196.91	0.50	ppb
Lithium	6-1						%
Magnesium	24-2	1207.12	1190.52	1204.33	1200.65	0.74	ppb
Manganese	55-2	102.23	100.93	101.70	101.62	0.64	ppb

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:23:02	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	520.28	525.38	515.18	520.28	0.98	ppb
Molybdenum	95-1	511.38	519.13	508.96	513.16	1.04	ppb
Molybdenum	96-1	503.71	511.09	506.31	507.04	0.74	ppb
Molybdenum	97-1	514.40	518.32	516.95	516.56	0.39	ppb
Molybdenum	98-1	519.21	518.80	520.18	519.40	0.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.26	104.83	102.93	103.67	0.98	ppb
Phosphorus	31-2	-0.99	-10.99	-14.78	-8.92		ppb
Potassium	39-2	2018.28	2033.67	2007.99	2019.98	0.64	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	203.90	201.16	216.51	207.19	3.95	ppb
Selenium	78-2	208.13	203.99	206.44	206.19	1.01	ppb
Selenium	82-1	206.31	206.73	205.56	206.20	0.29	ppb
Silicon	28-1	487.83	498.59	493.36	493.26	1.09	ppb
Silver	109-1	105.91	104.66	105.38	105.32	0.59	ppb
Silver	107-1	105.18	106.74	106.07	105.99	0.74	ppb
Sodium	23-2	2145.42	2113.68	2115.61	2124.90	0.84	ppb
Strontium	86-1	524.07	527.15	523.57	524.93	0.37	ppb
Strontium	88-1	527.08	523.71	524.08	524.96	0.35	ppb
Sulfur	34-1	-131.61	20.00	-184.81	-98.81		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	204.73	203.19	201.84	203.26	0.71	ppb
Thallium	205-1	207.58	203.35	204.05	204.99	1.11	ppb
Tin	118-1	552.17	551.71	550.05	551.31	0.20	ppb
Titanium	47-1	519.77	526.59	530.03	525.46	0.99	ppb
Uranium	238-1	511.69	519.46	515.33	515.49	0.75	ppb
Vanadium	51-2	97.44	98.56	98.64	98.21	0.68	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	205.16	206.16	205.04	205.45	0.30	ppb
Zirconium	90-1	517.14	521.15	518.02	518.77	0.41	ppb

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:23:02	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	509.65	511.38	508.87	509.96	0.25	ppb

LB Number : LB90415 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-28 13:26:27 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.46	0.20	0.10	0.25	73.99	ppb
Antimony	121-1	0.83	0.77	0.71	0.77	7.74	ppb
Arsenic	75-2	0.07	0.11	0.08	0.09	24.07	ppb
Barium	135-1	0.02	0.01	0.02	0.01	48.54	ppb
Barium	137-1	0.01	0.01	0.01	0.01	14.68	ppb
Beryllium	9-1	0.03	0.01	-0.01	0.01	294.85	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	19.23	18.15	14.55	17.31	14.16	ppb
Boron	11-1	18.94	17.83	16.42	17.73	7.11	ppb
Cadmium	111-1	0.05	0.03	0.08	0.05	49.41	ppb
Cadmium	106-1	0.55	0.16	0.83	0.51	65.78	ppb
Cadmium	108-1	0.00	0.02	0.01	0.01	76.60	ppb
Calcium	43-1	2.22	-0.51	2.17	1.30	120.66	ppb
Calcium	44-1	60.16	57.59	59.49	59.08	2.25	ppb
Chromium	52-2	0.02	0.03	0.04	0.03	25.48	ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-2	0.15	0.20	0.15	0.17	18.53	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.05	0.93	0.85	0.94	10.49	ppb
Iron	57-2	0.96	1.39	0.89	1.08	24.88	ppb
Lead	206-1	0.11	0.10	0.10	0.10	4.11	ppb
Lead	207-1	0.11	0.11	0.08	0.10	19.67	ppb
Lead	208-1	0.11	0.10	0.09	0.10	9.32	ppb
Lithium	6-1						%
Magnesium	24-2	1.12	0.94	1.16	1.08	10.93	ppb
Manganese	55-2	0.01	0.00	-0.01	0.00		ppb

LB Number : LB90415 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-28 13:26:27 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.13	0.12	0.12	0.12	6.53	ppb
Molybdenum	95-1	0.37	0.34	0.30	0.34	10.30	ppb
Molybdenum	96-1	0.31	0.29	0.28	0.29	6.56	ppb
Molybdenum	97-1	0.38	0.39	0.35	0.37	6.56	ppb
Molybdenum	98-1	0.36	0.35	0.32	0.35	5.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.04	-0.03	-0.03		ppb
Phosphorus	31-2	-2.97	-16.68	-6.14	-8.60		ppb
Potassium	39-2	19.87	17.75	18.29	18.64	5.92	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.25	0.00	0.25	0.17	86.60	ppb
Selenium	78-2	0.18	0.10	-0.23	0.02	1272.29	ppb
Selenium	82-1	-0.33	0.09	0.03	-0.07		ppb
Silicon	28-1	2.18	1.55	1.42	1.72	23.78	ppb
Silver	109-1	0.01	0.01	0.00	0.01	34.56	ppb
Silver	107-1	0.01	0.01	0.01	0.01	21.96	ppb
Sodium	23-2	78.99	76.68	73.07	76.25	3.91	ppb
Strontium	86-1	0.02	0.02	0.00	0.01	107.27	ppb
Strontium	88-1	0.01	0.00	0.01	0.01	40.51	ppb
Sulfur	34-1	-490.17	-605.34	-658.40	-584.64		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.09	0.09	0.10	0.09	5.50	ppb
Thallium	205-1	0.12	0.11	0.10	0.11	10.07	ppb
Tin	118-1	0.29	0.24	0.25	0.26	9.00	ppb
Titanium	47-1	0.08	0.02	0.03	0.04	69.15	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	30.41	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	45.65	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.08	0.09	0.16	0.11	37.53	ppb
Zirconium	90-1	0.04	0.04	0.03	0.04	7.56	ppb

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:26:27	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.04	0.02	0.03	42.76	ppb

LB Number : LB90415 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-28 13:29:54 DataFile Name : 015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90656.12	89127.96	88733.38	89505.82	1.13	ppb
Antimony	121-1	1.42	1.45	1.64	1.50	7.93	ppb
Arsenic	75-2	0.36	0.36	0.33	0.35	4.71	ppb
Barium	135-1	0.82	0.84	0.97	0.88	9.24	ppb
Barium	137-1	0.83	0.90	0.96	0.90	6.92	ppb
Beryllium	9-1	0.26	0.32	0.31	0.30	11.55	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	13.68	12.23	11.52	12.48	8.84	ppb
Boron	11-1	12.99	12.47	14.53	13.33	8.02	ppb
Cadmium	111-1	0.53	0.64	0.72	0.63	14.69	ppb
Cadmium	106-1	-0.46	-0.03	-0.17	-0.22		ppb
Cadmium	108-1	14.20	13.60	14.81	14.20	4.25	ppb
Calcium	43-1	96429.40	96386.18	107357.96	100057.85	6.32	ppb
Calcium	44-1	97448.17	97152.85	108156.01	100919.01	6.21	ppb
Chromium	52-2	23.23	23.75	23.84	23.60	1.39	ppb
Cobalt	59-2	1.23	1.21	1.23	1.22	0.76	ppb
Copper	63-2	8.75	8.70	8.70	8.72	0.34	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	100808.39	99760.81	102329.04	100966.08	1.28	ppb
Iron	57-2	101688.70	101452.66	101859.49	101666.95	0.20	ppb
Lead	206-1	5.73	5.73	6.40	5.95	6.46	ppb
Lead	207-1	4.99	5.18	5.77	5.31	7.70	ppb
Lead	208-1	5.37	5.43	6.04	5.61	6.60	ppb
Lithium	6-1						%
Magnesium	24-2	98709.89	97977.98	97464.26	98050.71	0.64	ppb
Manganese	55-2	8.03	8.36	8.15	8.18	2.04	ppb

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:29:54	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	599.19	597.70	669.69	622.19	6.61	ppb
Molybdenum	95-1	1935.36	1916.10	2161.06	2004.17	6.80	ppb
Molybdenum	96-1	1620.65	1629.79	1815.57	1688.67	6.51	ppb
Molybdenum	97-1	1974.85	1977.16	2189.96	2047.32	6.03	ppb
Molybdenum	98-1	1944.38	1926.86	2147.21	2006.15	6.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.74	7.57	7.74	7.68	1.23	ppb
Phosphorus	31-2	99111.26	99007.49	99423.78	99180.84	0.22	ppb
Potassium	39-2	96268.23	96941.72	97162.22	96790.72	0.48	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.50	0.25	0.00	0.25	100.27	ppb
Selenium	78-2	0.50	0.41	0.03	0.31	80.97	ppb
Selenium	82-1	0.20	0.05	0.49	0.24	91.91	ppb
Silicon	28-1	19.95	19.32	23.08	20.79	9.68	ppb
Silver	109-1	0.09	0.08	0.10	0.09	9.00	ppb
Silver	107-1	0.08	0.10	0.11	0.10	17.14	ppb
Sodium	23-2	101763.55	100556.32	101573.25	101297.71	0.64	ppb
Strontium	86-1	33.53	33.55	37.88	34.99	7.17	ppb
Strontium	88-1	33.73	33.63	37.70	35.02	6.63	ppb
Sulfur	34-1	73225.36	73584.69	80565.19	75791.75	5.46	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.41	0.35	0.37	0.38	7.53	ppb
Thallium	205-1	0.42	0.38	0.34	0.38	9.49	ppb
Tin	118-1	0.54	0.26	0.33	0.38	38.21	ppb
Titanium	47-1	1963.20	1960.07	2170.50	2031.26	5.94	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	2.69	ppb
Vanadium	51-2	0.18	0.18	0.19	0.18	5.19	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	11.97	12.12	12.03	12.04	0.62	ppb
Zirconium	90-1	0.18	0.16	0.17	0.17	8.04	ppb

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:29:54	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.18	0.16	0.16	0.16	6.84	ppb

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:33:16	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	87618.99	87315.22	88121.96	87685.39	0.46	ppb
Antimony	121-1	20.91	20.92	21.29	21.04	1.04	ppb
Arsenic	75-2	19.72	20.23	19.75	19.90	1.44	ppb
Barium	135-1	12.14	12.22	12.34	12.23	0.82	ppb
Barium	137-1	12.45	12.23	12.26	12.31	0.97	ppb
Beryllium	9-1	22.09	21.85	22.54	22.16	1.57	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	69.33	70.76	74.47	71.52	3.71	ppb
Boron	11-1	73.95	71.48	75.14	73.52	2.54	ppb
Cadmium	111-1	20.50	20.90	21.31	20.90	1.94	ppb
Cadmium	106-1	24.17	25.45	27.58	25.74	6.70	ppb
Cadmium	108-1	36.72	36.05	37.18	36.65	1.55	ppb
Calcium	43-1	94939.12	95432.02	97387.72	95919.62	1.35	ppb
Calcium	44-1	95989.96	96414.97	98587.82	96997.58	1.44	ppb
Chromium	52-2	43.28	43.07	43.39	43.24	0.37	ppb
Cobalt	59-2	21.25	21.33	21.60	21.39	0.87	ppb
Copper	63-2	28.54	28.66	29.17	28.79	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	100447.31	101273.52	101504.14	101074.99	0.55	ppb
Iron	57-2	101402.52	101338.61	102551.80	101764.31	0.67	ppb
Lead	206-1	26.04	25.56	25.71	25.77	0.96	ppb
Lead	207-1	23.71	23.63	23.78	23.71	0.31	ppb
Lead	208-1	24.81	24.63	24.68	24.71	0.39	ppb
Lithium	6-1						%
Magnesium	24-2	96403.67	95907.57	96858.09	96389.78	0.49	ppb
Manganese	55-2	27.95	28.72	28.36	28.34	1.35	ppb

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:33:16	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	649.48	643.14	649.44	647.35	0.56	ppb
Molybdenum	95-1	1953.36	1971.48	1959.10	1961.31	0.47	ppb
Molybdenum	96-1	1644.77	1668.65	1669.78	1661.06	0.85	ppb
Molybdenum	97-1	1990.28	1993.19	2009.81	1997.76	0.53	ppb
Molybdenum	98-1	1954.43	1978.95	1967.03	1966.80	0.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	27.80	27.35	27.94	27.70	1.11	ppb
Phosphorus	31-2	97890.63	97352.56	97713.26	97652.15	0.28	ppb
Potassium	39-2	95551.22	96430.21	96361.17	96114.20	0.51	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	18.43	18.58	18.55	18.52	0.43	ppb
Selenium	78-2	19.84	19.63	19.74	19.74	0.53	ppb
Selenium	82-1	19.43	19.66	19.27	19.45	1.02	ppb
Silicon	28-1	67.09	67.13	68.65	67.62	1.32	ppb
Silver	109-1	19.05	19.39	19.44	19.29	1.10	ppb
Silver	107-1	18.82	18.96	19.23	19.00	1.10	ppb
Sodium	23-2	100429.00	100743.13	100909.88	100694.00	0.24	ppb
Strontium	86-1	89.78	89.59	89.43	89.60	0.20	ppb
Strontium	88-1	88.92	89.19	89.22	89.11	0.18	ppb
Sulfur	34-1	69605.32	69911.72	71778.76	70431.93	1.67	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	20.74	20.63	20.73	20.70	0.30	ppb
Thallium	205-1	21.12	20.82	20.98	20.97	0.72	ppb
Tin	118-1	56.03	55.88	55.69	55.87	0.31	ppb
Titanium	47-1	1986.30	1994.14	2020.17	2000.20	0.89	ppb
Uranium	238-1	54.53	54.15	54.39	54.36	0.35	ppb
Vanadium	51-2	19.66	20.02	20.05	19.91	1.07	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	31.31	31.75	32.00	31.68	1.10	ppb
Zirconium	90-1	54.28	54.85	54.90	54.68	0.63	ppb

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:33:16	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	53.82	54.49	55.03	54.45	1.11	ppb

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:37:44	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47281.84	46443.68	47617.36	47114.29	1.28	ppb
Antimony	121-1	477.84	476.23	480.43	478.17	0.44	ppb
Arsenic	75-2	469.93	472.64	474.38	472.32	0.48	ppb
Barium	135-1	1397.33	1385.14	1403.16	1395.21	0.66	ppb
Barium	137-1	1416.04	1397.97	1412.72	1408.91	0.68	ppb
Beryllium	9-1	535.91	537.50	544.14	539.18	0.81	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	561.15	568.90	583.40	571.15	1.98	ppb
Boron	11-1	590.23	591.77	601.80	594.60	1.06	ppb
Cadmium	111-1	474.98	472.72	477.39	475.03	0.49	ppb
Cadmium	106-1	486.16	477.58	482.60	482.11	0.89	ppb
Cadmium	108-1	488.62	492.62	500.15	493.80	1.19	ppb
Calcium	43-1	235666.05	238191.23	238698.02	237518.43	0.68	ppb
Calcium	44-1	237128.64	239532.13	239516.51	238725.76	0.58	ppb
Chromium	52-2	475.98	471.55	476.88	474.80	0.60	ppb
Cobalt	59-2	459.56	456.15	464.53	460.08	0.92	ppb
Copper	63-2	928.90	916.99	940.10	928.66	1.24	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	120999.13	120767.45	122365.30	121377.29	0.71	ppb
Iron	57-2	121719.26	120352.58	122994.98	121688.94	1.09	ppb
Lead	206-1	479.90	476.86	475.88	477.55	0.44	ppb
Lead	207-1	476.20	477.19	473.46	475.62	0.41	ppb
Lead	208-1	482.58	482.29	478.03	480.97	0.53	ppb
Lithium	6-1						%
Magnesium	24-2	243852.08	237276.24	245141.05	242089.79	1.74	ppb
Manganese	55-2	960.64	956.91	967.20	961.58	0.54	ppb

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:37:44	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1093.66	1109.20	1114.24	1105.70	0.97	ppb
Molybdenum	95-1	2451.32	2460.71	2494.72	2468.92	0.92	ppb
Molybdenum	96-1	2137.24	2143.72	2155.13	2145.36	0.42	ppb
Molybdenum	97-1	2499.16	2516.16	2484.69	2500.00	0.63	ppb
Molybdenum	98-1	2447.28	2446.94	2442.03	2445.42	0.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	455.05	453.25	459.85	456.05	0.75	ppb
Phosphorus	31-2	9766.82	9927.27	10035.38	9909.83	1.36	ppb
Potassium	39-2	120573.11	119691.70	121143.32	120469.38	0.61	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	461.70	468.99	455.69	462.13	1.44	ppb
Selenium	78-2	474.10	468.89	471.34	471.44	0.55	ppb
Selenium	82-1	458.43	458.20	458.01	458.21	0.05	ppb
Silicon	28-1	458.39	459.69	470.92	463.00	1.49	ppb
Silver	109-1	471.09	472.85	474.83	472.92	0.40	ppb
Silver	107-1	469.37	469.60	472.56	470.51	0.38	ppb
Sodium	23-2	247727.78	243304.61	246335.30	245789.23	0.92	ppb
Strontium	86-1	508.54	508.12	504.83	507.17	0.40	ppb
Strontium	88-1	514.51	509.82	514.55	512.96	0.53	ppb
Sulfur	34-1	9065.85	9082.54	9164.36	9104.25	0.58	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	496.16	489.43	489.15	491.58	0.81	ppb
Thallium	205-1	494.97	488.29	485.99	489.75	0.95	ppb
Tin	118-1	506.85	506.46	517.59	510.30	1.24	ppb
Titanium	47-1	489.88	495.63	497.46	494.32	0.80	ppb
Uranium	238-1	513.74	507.32	503.40	508.15	1.03	ppb
Vanadium	51-2	478.44	475.21	476.82	476.82	0.34	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	928.60	917.11	928.21	924.64	0.71	ppb
Zirconium	90-1	498.93	501.77	498.90	499.87	0.33	ppb

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:37:44	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	488.31	491.38	493.22	490.97	0.50	ppb

LB Number : LB90415 Operator : Jaswal
 Lab Sample ID : CCB07 Instrumnet Name : P7
 Client Sample ID : CCB07 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-28 13:41:07 DataFile Name : 018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.58	0.19	0.33	0.37	53.69	ppb
Antimony	121-1	1.42	1.26	1.16	1.28	10.27	ppb
Arsenic	75-2	0.09	0.14	0.10	0.11	22.77	ppb
Barium	135-1	0.02	0.02	0.01	0.01	51.10	ppb
Barium	137-1	0.02	0.01	0.01	0.01	33.89	ppb
Beryllium	9-1	0.01	0.00	0.01	0.01	41.83	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	14.54	15.82	11.95	14.10	13.99	ppb
Boron	11-1	15.49	13.99	13.77	14.42	6.52	ppb
Cadmium	111-1	0.01	0.00	-0.05	-0.01		ppb
Cadmium	106-1	-0.24	-0.26	-0.98	-0.49		ppb
Cadmium	108-1	0.04	0.03	0.02	0.03	29.42	ppb
Calcium	43-1	4.22	4.09	4.72	4.34	7.73	ppb
Calcium	44-1	77.92	74.79	74.73	75.81	2.41	ppb
Chromium	52-2	0.08	0.05	0.06	0.06	21.80	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.34	0.35	0.32	0.34	5.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.47	1.47	1.51	1.48	1.45	ppb
Iron	57-2	1.57	1.86	1.25	1.56	19.63	ppb
Lead	206-1	0.29	0.29	0.27	0.28	4.88	ppb
Lead	207-1	0.30	0.29	0.27	0.29	6.58	ppb
Lead	208-1	0.30	0.29	0.28	0.29	3.67	ppb
Lithium	6-1						%
Magnesium	24-2	1.46	0.89	1.19	1.18	24.08	ppb
Manganese	55-2	-0.01	-0.01	0.00	-0.01		ppb

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P7
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:41:07	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.45	0.43	0.40	0.43	5.24	ppb
Molybdenum	95-1	1.26	1.08	1.10	1.15	8.81	ppb
Molybdenum	96-1	1.09	0.97	0.89	0.98	10.51	ppb
Molybdenum	97-1	1.27	1.18	1.06	1.17	9.25	ppb
Molybdenum	98-1	1.26	1.14	1.03	1.14	9.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.04	-0.04	-0.04		ppb
Phosphorus	31-2	-7.95	-0.91	2.60	-2.09		ppb
Potassium	39-2	48.40	47.10	43.07	46.19	6.01	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.73	0.00	0.49	0.40	91.64	ppb
Selenium	78-2	0.22	-0.10	0.10	0.07	217.77	ppb
Selenium	82-1	0.39	0.52	-0.13	0.26	132.83	ppb
Silicon	28-1	2.03	0.78	1.15	1.32	48.54	ppb
Silver	109-1	0.04	0.04	0.03	0.04	5.01	ppb
Silver	107-1	0.02	0.03	0.03	0.03	17.32	ppb
Sodium	23-2	99.88	98.18	96.71	98.25	1.61	ppb
Strontium	86-1	0.02	-0.01	-0.02	-0.01		ppb
Strontium	88-1	0.00	0.01	0.00	0.00	38.88	ppb
Sulfur	34-1	-676.57	-609.64	-596.90	-627.70		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.23	0.22	0.22	0.22	3.12	ppb
Thallium	205-1	0.25	0.22	0.19	0.22	12.00	ppb
Tin	118-1	0.29	0.29	0.25	0.28	7.59	ppb
Titanium	47-1	0.06	0.04	0.08	0.06	35.84	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	22.97	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	56.54	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.10	0.13	0.13	0.12	11.88	ppb
Zirconium	90-1	0.11	0.10	0.09	0.10	8.91	ppb

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P7
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:41:07	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.12	0.11	0.10	0.11	13.00	ppb

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:44:32	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.32	18.18	16.96	17.49	3.57	ppb
Antimony	121-1	2.21	2.18	2.16	2.18	1.13	ppb
Arsenic	75-2	0.96	1.04	0.98	0.99	3.97	ppb
Barium	135-1	5.08	5.08	5.12	5.09	0.41	ppb
Barium	137-1	5.18	5.34	5.18	5.23	1.77	ppb
Beryllium	9-1	1.02	0.95	1.06	1.01	5.43	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	35.49	34.36	30.60	33.49	7.65	ppb
Boron	11-1	34.72	34.60	34.12	34.48	0.93	ppb
Cadmium	111-1	1.05	1.03	1.06	1.04	1.50	ppb
Cadmium	106-1	1.66	0.54	1.09	1.10	50.93	ppb
Cadmium	108-1	1.04	1.10	1.03	1.06	3.70	ppb
Calcium	43-1	441.25	435.35	454.11	443.57	2.16	ppb
Calcium	44-1	496.18	501.25	501.65	499.70	0.61	ppb
Chromium	52-2	2.03	2.07	2.02	2.04	1.40	ppb
Cobalt	59-2	0.98	0.95	0.98	0.97	1.81	ppb
Copper	63-2	2.12	2.16	2.19	2.16	1.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	48.18	47.87	49.08	48.38	1.29	ppb
Iron	57-2	51.49	50.19	51.31	51.00	1.38	ppb
Lead	206-1	1.06	1.08	1.08	1.08	1.34	ppb
Lead	207-1	1.04	1.05	1.09	1.06	2.20	ppb
Lead	208-1	1.08	1.09	1.09	1.09	0.82	ppb
Lithium	6-1						%
Magnesium	24-2	451.86	450.45	452.83	451.72	0.26	ppb
Manganese	55-2	0.96	0.95	0.93	0.95	1.64	ppb

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:44:32	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.23	2.15	2.16	2.18	2.01	ppb
Molybdenum	95-1	4.64	4.67	4.62	4.64	0.58	ppb
Molybdenum	96-1	3.97	3.98	4.01	3.99	0.46	ppb
Molybdenum	97-1	4.65	4.89	4.85	4.79	2.70	ppb
Molybdenum	98-1	4.68	4.59	4.64	4.64	0.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.95	0.96	1.00	0.97	2.94	ppb
Phosphorus	31-2	-8.34	-6.02	-6.36	-6.91		ppb
Potassium	39-2	475.28	473.38	475.16	474.61	0.22	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	5.09	4.87	4.83	4.93	2.82	ppb
Selenium	78-2	4.67	3.72	4.93	4.44	14.27	ppb
Selenium	82-1	4.91	4.40	4.93	4.75	6.39	ppb
Silicon	28-1	9.83	10.26	9.69	9.92	2.99	ppb
Silver	109-1	0.99	1.02	1.00	1.01	1.42	ppb
Silver	107-1	0.97	0.98	0.98	0.98	0.37	ppb
Sodium	23-2	543.20	539.40	547.65	543.42	0.76	ppb
Strontium	86-1	0.89	0.81	0.83	0.85	4.69	ppb
Strontium	88-1	0.95	0.90	0.93	0.93	2.64	ppb
Sulfur	34-1	-853.73	-801.71	-818.41	-824.62		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.97	1.00	0.98	0.98	1.55	ppb
Thallium	205-1	0.98	0.98	1.01	0.99	1.60	ppb
Tin	118-1	4.78	4.78	4.68	4.75	1.21	ppb
Titanium	47-1	4.49	4.64	4.62	4.58	1.76	ppb
Uranium	238-1	0.81	0.81	0.82	0.81	1.12	ppb
Vanadium	51-2	4.66	4.45	4.58	4.56	2.29	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.07	2.11	2.06	2.08	1.35	ppb
Zirconium	90-1	1.03	1.04	1.02	1.03	1.21	ppb

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:44:32	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.08	1.01	1.08	1.06	4.00	ppb

LB Number : LB90415 Operator : Jaswal
 Lab Sample ID : PBW Instrumnet Name : P7
 Client Sample ID : PBW Dilution Factor : 1
 Date & Time Acquired :: 2017-09-28 14:00:30 DataFile Name : 020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.14	0.04	0.04	0.07	77.81	ppb
Antimony	121-1	0.09	0.09	0.10	0.09	4.79	ppb
Arsenic	75-2	0.01	0.02	0.01	0.01	12.04	ppb
Barium	135-1	0.00	0.00	0.00	0.00	484.05	ppb
Barium	137-1	0.00	0.00	0.00	0.00	41.95	ppb
Beryllium	9-1	-0.01	0.01	-0.01	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.52	3.53	4.06	3.70	8.25	ppb
Boron	11-1	4.06	4.50	4.66	4.41	7.09	ppb
Cadmium	111-1	0.01	-0.05	-0.06	-0.03		ppb
Cadmium	106-1	0.12	-0.64	-0.75	-0.42		ppb
Cadmium	108-1	0.01	0.03	-0.05	0.00		ppb
Calcium	43-1	1.37	3.80	0.89	2.02	77.29	ppb
Calcium	44-1	42.24	46.05	43.07	43.79	4.58	ppb
Chromium	52-2	0.02	0.02	0.03	0.03	26.73	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.14	0.13	0.14	0.14	3.79	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.17	-0.01	0.07	-0.04		ppb
Iron	57-2	-0.73	-0.44	-0.25	-0.48		ppb
Lead	206-1	0.07	0.05	0.06	0.06	10.02	ppb
Lead	207-1	0.07	0.06	0.09	0.07	19.28	ppb
Lead	208-1	0.06	0.06	0.07	0.06	4.25	ppb
Lithium	6-1						%
Magnesium	24-2	-0.07	-0.07	-0.07	-0.07		ppb
Manganese	55-2	-0.01	-0.01	-0.02	-0.01		ppb

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	PBW	Instrumnet Name :	P7
Client Sample ID :	PBW	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 14:00:30	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.03	0.04	0.04	29.40	ppb
Molybdenum	95-1	0.09	0.05	0.08	0.07	24.95	ppb
Molybdenum	96-1	0.07	0.05	0.06	0.06	10.39	ppb
Molybdenum	97-1	0.07	0.08	0.10	0.09	18.56	ppb
Molybdenum	98-1	0.06	0.08	0.07	0.07	11.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	-0.03	-0.03	-0.04		ppb
Phosphorus	31-2	-17.47	-7.55	-7.48	-10.83		ppb
Potassium	39-2	9.87	9.77	12.46	10.70	14.25	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.25	0.00	0.00	0.08	173.21	ppb
Selenium	78-2	-0.20	-0.17	-0.38	-0.25		ppb
Selenium	82-1	-0.23	0.57	0.24	0.19	210.74	ppb
Silicon	28-1	-1.69	-1.19	-1.67	-1.52		ppb
Silver	109-1	0.00	0.00	0.00	0.00	8.03	ppb
Silver	107-1	0.00	0.01	0.00	0.00	78.58	ppb
Sodium	23-2	53.19	51.20	53.59	52.66	2.43	ppb
Strontium	86-1	0.00	0.01	0.03	0.01	103.69	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-371.00	-430.63	-376.08	-392.57		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.04	0.05	0.04	0.04	19.53	ppb
Thallium	205-1	0.04	0.04	0.03	0.04	17.27	ppb
Tin	118-1	0.02	0.01	0.03	0.02	42.24	ppb
Titanium	47-1	-0.03	0.01	-0.01	-0.01		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						%
Yttrium	89-2						%
Zinc	66-2	0.04	0.05	0.04	0.04	21.87	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	21.31	ppb

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	PBW	Instrumnet Name :	P7
Client Sample ID :	PBW	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 14:00:30	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.02	0.01	0.01	108.44	ppb

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P7
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 14:03:56	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.06	33.07	37.26	36.13	7.41	ppb
Antimony	121-1	3.64	3.84	3.75	3.75	2.62	ppb
Arsenic	75-2	1.87	1.92	1.83	1.87	2.29	ppb
Barium	135-1	10.44	10.47	10.43	10.45	0.19	ppb
Barium	137-1	10.45	10.59	10.79	10.61	1.59	ppb
Beryllium	9-1	2.37	1.79	2.28	2.15	14.47	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	53.77	53.23	53.57	53.52	0.51	ppb
Boron	11-1	54.89	56.49	58.37	56.58	3.08	ppb
Cadmium	111-1	2.02	2.08	1.90	2.00	4.42	ppb
Cadmium	106-1	2.12	1.52	1.57	1.74	19.08	ppb
Cadmium	108-1	2.04	1.68	2.23	1.99	14.00	ppb
Calcium	43-1	901.93	903.13	897.69	900.92	0.32	ppb
Calcium	44-1	945.74	946.08	938.09	943.30	0.48	ppb
Chromium	52-2	4.19	4.12	4.19	4.17	0.96	ppb
Cobalt	59-2	2.02	1.98	1.98	1.99	1.41	ppb
Copper	63-2	4.25	4.24	4.12	4.20	1.79	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	390.40	387.82	385.85	388.02	0.59	ppb
Iron	57-2	395.80	388.79	384.96	389.85	1.41	ppb
Lead	206-1	1.92	1.89	1.86	1.89	1.43	ppb
Lead	207-1	1.92	1.89	1.92	1.91	0.67	ppb
Lead	208-1	1.91	1.94	1.92	1.92	0.56	ppb
Lithium	6-1						%
Magnesium	24-2	942.38	933.99	933.11	936.49	0.55	ppb
Manganese	55-2	2.00	1.97	2.07	2.02	2.62	ppb

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P7
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 14:03:56	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.26	4.08	4.11	4.15	2.26	ppb
Molybdenum	95-1	9.15	9.14	9.15	9.15	0.06	ppb
Molybdenum	96-1	7.89	7.81	7.80	7.84	0.65	ppb
Molybdenum	97-1	9.18	9.04	9.21	9.14	1.02	ppb
Molybdenum	98-1	8.94	9.04	8.97	8.98	0.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.17	2.17	2.08	2.14	2.34	ppb
Phosphorus	31-2	-6.81	4.74	7.67	1.87	410.43	ppb
Potassium	39-2	930.86	915.12	931.01	925.66	0.99	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	11.60	11.32	10.67	11.19	4.29	ppb
Selenium	78-2	8.82	11.61	9.19	9.88	15.36	ppb
Selenium	82-1	9.96	9.38	9.46	9.60	3.30	ppb
Silicon	28-1	21.41	21.29	22.43	21.71	2.89	ppb
Silver	109-1	1.95	1.99	1.97	1.97	1.02	ppb
Silver	107-1	1.98	2.00	1.97	1.98	0.80	ppb
Sodium	23-2	1022.06	1009.88	1007.84	1013.26	0.76	ppb
Strontium	86-1	1.93	1.91	1.94	1.93	0.84	ppb
Strontium	88-1	1.87	1.91	1.92	1.90	1.27	ppb
Sulfur	34-1	-367.36	-357.07	-218.55	-314.33		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1.88	1.89	1.97	1.91	2.60	ppb
Thallium	205-1	1.93	1.88	1.96	1.92	1.95	ppb
Tin	118-1	9.40	9.16	9.40	9.32	1.47	ppb
Titanium	47-1	9.50	9.24	8.97	9.24	2.88	ppb
Uranium	238-1	1.67	1.69	1.65	1.67	1.42	ppb
Vanadium	51-2	9.46	9.32	9.61	9.46	1.56	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	4.26	4.20	4.34	4.27	1.73	ppb
Zirconium	90-1	1.83	1.86	1.82	1.84	1.02	ppb

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P7
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 14:03:56	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.85	1.85	1.76	1.82	2.79	ppb

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	I5302-10DLX20	Instrumnet Name :	P7
Client Sample ID :	FA17-LIMW11-PMDL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-28 14:14:31	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.33	3.27	3.32	2.97	18.72	ppb
Antimony	121-1	0.05	0.05	0.05	0.05	8.11	ppb
Arsenic	75-2	0.03	0.03	0.03	0.03	0.69	ppb
Barium	135-1	3.42	3.44	3.51	3.46	1.32	ppb
Barium	137-1	3.53	3.45	3.49	3.49	1.18	ppb
Beryllium	9-1	0.01	-0.01	0.00	0.00		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.30	3.24	3.02	3.19	4.51	ppb
Boron	11-1	3.09	2.82	2.94	2.95	4.59	ppb
Cadmium	111-1	-0.08	-0.10	-0.02	-0.07		ppb
Cadmium	106-1	-1.15	-1.37	-0.42	-0.98		ppb
Cadmium	108-1	-0.02	-0.03	-0.03	-0.03		ppb
Calcium	43-1	6798.17	6800.73	6864.14	6821.01	0.55	ppb
Calcium	44-1	6818.93	6862.51	6909.83	6863.76	0.66	ppb
Chromium	52-2	0.03	0.07	0.07	0.06	39.89	ppb
Cobalt	59-2	0.32	0.32	0.33	0.32	2.47	ppb
Copper	63-2	1.04	1.08	1.11	1.08	3.32	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	7.54	7.77	7.89	7.73	2.28	ppb
Iron	57-2	13.29	14.93	15.43	14.55	7.71	ppb
Lead	206-1	0.73	0.67	0.57	0.66	12.18	ppb
Lead	207-1	0.81	0.64	0.63	0.69	14.54	ppb
Lead	208-1	0.77	0.66	0.60	0.68	12.95	ppb
Lithium	6-1						%
Magnesium	24-2	771.35	767.96	770.40	769.90	0.23	ppb
Manganese	55-2	106.01	105.86	106.06	105.98	0.10	ppb

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	I5302-10DLX20	Instrumnet Name :	P7
Client Sample ID :	FA17-LIMW11-PMDL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-28 14:14:31	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.02	0.03	0.02	12.73	ppb
Molybdenum	95-1	0.06	0.04	0.06	0.05	17.73	ppb
Molybdenum	96-1	0.04	0.04	0.04	0.04	8.06	ppb
Molybdenum	97-1	0.07	0.03	0.07	0.06	34.97	ppb
Molybdenum	98-1	0.05	0.05	0.04	0.05	3.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.48	0.45	0.47	0.47	2.66	ppb
Phosphorus	31-2	-8.21	-6.88	-2.18	-5.76		ppb
Potassium	39-2	441.06	447.14	452.59	446.93	1.29	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.50	0.17	173.21	ppb
Selenium	78-2	0.14	0.07	0.05	0.09	53.07	ppb
Selenium	82-1	0.07	0.31	0.01	0.13	121.78	ppb
Silicon	28-1	176.09	178.32	178.23	177.55	0.71	ppb
Silver	109-1	0.06	0.08	0.08	0.08	15.74	ppb
Silver	107-1	0.06	0.07	0.09	0.07	25.88	ppb
Sodium	23-2	290.77	285.36	291.71	289.28	1.19	ppb
Strontium	86-1	40.46	40.57	39.90	40.31	0.88	ppb
Strontium	88-1	40.65	40.19	39.90	40.25	0.94	ppb
Sulfur	34-1	46.47	2.06	27.90	25.48	87.53	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.12	0.13	0.12	0.12	7.31	ppb
Thallium	205-1	0.13	0.13	0.12	0.12	3.34	ppb
Tin	118-1	0.00	0.02	0.01	0.01	100.23	ppb
Titanium	47-1	0.03	0.03	0.05	0.04	33.61	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	11.35	ppb
Vanadium	51-2	0.02	0.03	0.02	0.02	22.87	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.79	0.81	0.79	0.80	1.78	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	22.44	ppb

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	I5302-10DLX20	Instrumnet Name :	P7
Client Sample ID :	FA17-LIMW11-PMDL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-28 14:14:31	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.02	0.02	0.02	14.81	ppb

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	I5302-20DLX20	Instrumnet Name :	P7
Client Sample ID :	FA17-LIMW11-PMDL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-28 14:17:56	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.68	2.34	1.89	1.97	16.95	ppb
Antimony	121-1	0.03	0.03	0.05	0.04	20.38	ppb
Arsenic	75-2	0.01	0.05	0.03	0.03	78.41	ppb
Barium	135-1	3.25	3.22	3.26	3.24	0.54	ppb
Barium	137-1	3.31	3.34	3.34	3.33	0.61	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	109.61	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2.12	2.27	2.82	2.40	15.39	ppb
Boron	11-1	2.60	2.61	2.53	2.58	1.70	ppb
Cadmium	111-1	-0.08	-0.09	-0.03	-0.07		ppb
Cadmium	106-1	-1.08	-1.31	-0.61	-1.00		ppb
Cadmium	108-1	0.00	-0.02	-0.06	-0.03		ppb
Calcium	43-1	7236.29	7128.33	7212.76	7192.46	0.79	ppb
Calcium	44-1	7225.21	7189.26	7150.06	7188.18	0.52	ppb
Chromium	52-2	0.01	0.03	0.04	0.03	57.85	ppb
Cobalt	59-2	0.20	0.20	0.19	0.20	2.27	ppb
Copper	63-2	1.27	1.25	1.33	1.28	3.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.38	0.47	0.51	0.45	14.98	ppb
Iron	57-2	5.25	6.70	5.95	5.97	12.19	ppb
Lead	206-1	0.35	0.31	0.28	0.31	12.09	ppb
Lead	207-1	0.38	0.31	0.29	0.33	15.43	ppb
Lead	208-1	0.37	0.32	0.29	0.33	12.96	ppb
Lithium	6-1						%
Magnesium	24-2	666.79	669.42	665.35	667.19	0.31	ppb
Manganese	55-2	109.26	110.40	111.79	110.48	1.14	ppb

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	I5302-20DLX20	Instrumnet Name :	P7
Client Sample ID :	FA17-LIMW11-PMDL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-28 14:17:56	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.03	0.02	0.02	7.92	ppb
Molybdenum	95-1	0.05	0.03	0.03	0.04	33.21	ppb
Molybdenum	96-1	0.03	0.04	0.03	0.04	21.29	ppb
Molybdenum	97-1	0.03	0.06	0.05	0.05	30.29	ppb
Molybdenum	98-1	0.03	0.04	0.04	0.04	17.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.42	0.48	0.44	0.45	6.73	ppb
Phosphorus	31-2	-10.73	-2.39	-13.36	-8.83		ppb
Potassium	39-2	462.80	472.49	474.51	469.93	1.33	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.25	0.49	0.25	0.33	43.00	ppb
Selenium	78-2	-0.02	-0.20	-0.23	-0.15		ppb
Selenium	82-1	0.07	-0.49	0.32	-0.03		ppb
Silicon	28-1	168.90	170.88	169.66	169.82	0.59	ppb
Silver	109-1	0.10	0.11	0.13	0.12	13.77	ppb
Silver	107-1	0.10	0.12	0.12	0.11	8.34	ppb
Sodium	23-2	280.18	281.83	285.30	282.44	0.93	ppb
Strontium	86-1	38.62	38.50	38.90	38.67	0.54	ppb
Strontium	88-1	38.32	38.40	38.45	38.39	0.16	ppb
Sulfur	34-1	47.05	129.48	112.95	96.49	45.20	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.07	0.06	0.05	0.06	12.45	ppb
Thallium	205-1	0.06	0.07	0.06	0.06	3.82	ppb
Tin	118-1	0.20	0.18	0.23	0.20	12.72	ppb
Titanium	47-1	0.05	0.04	0.05	0.05	5.04	ppb
Uranium	238-1	0.02	0.03	0.03	0.02	9.87	ppb
Vanadium	51-2	0.02	0.03	0.02	0.02	23.86	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.93	0.94	0.93	0.93	0.34	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	23.21	ppb

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	I5302-20DLX20	Instrumnet Name :	P7
Client Sample ID :	FA17-LIMW11-PMDL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-28 14:17:56	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.00	0.04	0.02	109.60	ppb

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P7
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 14:21:23	DataFile Name :	024CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46907.33	46373.97	46423.62	46568.31	0.63	ppb
Antimony	121-1	469.37	477.71	476.43	474.50	0.95	ppb
Arsenic	75-2	472.20	473.26	470.06	471.84	0.34	ppb
Barium	135-1	1368.21	1404.09	1384.37	1385.56	1.30	ppb
Barium	137-1	1367.65	1405.40	1390.03	1387.69	1.37	ppb
Beryllium	9-1	520.87	526.12	531.27	526.09	0.99	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	535.32	545.07	572.74	551.04	3.52	ppb
Boron	11-1	558.35	570.22	594.25	574.27	3.19	ppb
Cadmium	111-1	463.18	474.82	469.06	469.02	1.24	ppb
Cadmium	106-1	469.84	474.14	477.44	473.80	0.80	ppb
Cadmium	108-1	478.03	487.29	490.84	485.39	1.36	ppb
Calcium	43-1	237241.30	239600.02	233480.98	236774.10	1.30	ppb
Calcium	44-1	237418.32	238287.60	234383.69	236696.54	0.87	ppb
Chromium	52-2	478.31	475.87	470.72	474.97	0.82	ppb
Cobalt	59-2	463.38	465.04	460.82	463.08	0.46	ppb
Copper	63-2	942.33	914.28	932.03	929.55	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	120871.98	121424.56	120459.00	120918.51	0.40	ppb
Iron	57-2	121932.42	120976.02	120600.85	121169.76	0.57	ppb
Lead	206-1	471.80	474.21	476.11	474.04	0.46	ppb
Lead	207-1	471.14	469.96	471.62	470.90	0.18	ppb
Lead	208-1	475.24	476.26	476.65	476.05	0.15	ppb
Lithium	6-1						%
Magnesium	24-2	240619.58	238016.18	238496.45	239044.07	0.58	ppb
Manganese	55-2	962.57	958.44	953.31	958.11	0.48	ppb

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P7
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 14:21:23	DataFile Name :	024CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1108.55	1122.49	1111.76	1114.27	0.66	ppb
Molybdenum	95-1	2462.48	2491.30	2516.36	2490.05	1.08	ppb
Molybdenum	96-1	2156.22	2168.65	2169.31	2164.73	0.34	ppb
Molybdenum	97-1	2539.20	2532.22	2530.56	2533.99	0.18	ppb
Molybdenum	98-1	2482.72	2481.53	2517.68	2493.97	0.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	461.67	460.69	459.04	460.47	0.29	ppb
Phosphorus	31-2	9977.25	9832.21	9871.11	9893.52	0.76	ppb
Potassium	39-2	119548.73	119025.78	118468.86	119014.45	0.45	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	439.33	462.54	464.22	455.37	3.05	ppb
Selenium	78-2	458.42	465.22	466.83	463.49	0.96	ppb
Selenium	82-1	452.85	457.33	461.80	457.32	0.98	ppb
Silicon	28-1	450.34	462.86	458.46	457.22	1.39	ppb
Silver	109-1	460.52	472.27	461.56	464.79	1.40	ppb
Silver	107-1	462.77	468.02	465.85	465.55	0.57	ppb
Sodium	23-2	244893.94	240559.24	242564.92	242672.70	0.89	ppb
Strontium	86-1	502.84	509.25	512.99	508.36	1.01	ppb
Strontium	88-1	506.47	513.39	515.70	511.85	0.94	ppb
Sulfur	34-1	9175.13	9293.69	9061.13	9176.65	1.27	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	480.83	485.41	483.86	483.37	0.48	ppb
Thallium	205-1	484.05	485.63	484.62	484.76	0.17	ppb
Tin	118-1	481.70	503.90	488.33	491.31	2.32	ppb
Titanium	47-1	488.73	497.47	498.95	495.05	1.12	ppb
Uranium	238-1	500.18	505.03	504.06	503.09	0.51	ppb
Vanadium	51-2	478.62	475.34	473.48	475.81	0.55	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	933.50	928.70	917.07	926.42	0.91	ppb
Zirconium	90-1	500.31	504.86	502.22	502.46	0.45	ppb

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P7
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 14:21:23	DataFile Name :	024CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	487.50	496.67	496.39	493.52	1.06	ppb

LB Number : LB90415 Operator : Jaswal
 Lab Sample ID : CCB08 Instrumnet Name : P7
 Client Sample ID : CCB08 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-28 14:24:48 DataFile Name : 025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.95	0.74	0.44	0.71	36.34	ppb
Antimony	121-1	1.45	1.32	1.19	1.32	9.59	ppb
Arsenic	75-2	0.10	0.09	0.10	0.10	7.96	ppb
Barium	135-1	0.05	0.04	0.02	0.04	33.22	ppb
Barium	137-1	0.04	0.03	0.04	0.04	14.46	ppb
Beryllium	9-1	0.01	0.04	0.00	0.02	140.01	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	8.67	8.68	8.64	8.66	0.29	ppb
Boron	11-1	9.30	9.14	8.85	9.10	2.55	ppb
Cadmium	111-1	0.00	-0.08	0.04	-0.01		ppb
Cadmium	106-1	-0.45	-1.40	0.11	-0.58		ppb
Cadmium	108-1	0.01	0.08	-0.05	0.02	401.52	ppb
Calcium	43-1	10.55	10.32	4.79	8.55	38.14	ppb
Calcium	44-1	63.18	60.81	60.80	61.60	2.23	ppb
Chromium	52-2	0.05	0.12	0.04	0.07	62.56	ppb
Cobalt	59-2	-0.01	0.00	-0.01	0.00		ppb
Copper	63-2	0.26	0.22	0.23	0.24	7.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2.73	2.46	2.25	2.48	9.83	ppb
Iron	57-2	2.53	2.40	2.47	2.47	2.57	ppb
Lead	206-1	0.25	0.26	0.24	0.25	4.70	ppb
Lead	207-1	0.25	0.22	0.24	0.24	6.00	ppb
Lead	208-1	0.25	0.24	0.24	0.24	1.45	ppb
Lithium	6-1						%
Magnesium	24-2	3.62	3.11	3.30	3.34	7.83	ppb
Manganese	55-2	0.03	0.01	0.02	0.02	54.97	ppb

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P7
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 14:24:48	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.48	0.45	0.40	0.44	8.17	ppb
Molybdenum	95-1	1.27	1.14	1.03	1.15	10.25	ppb
Molybdenum	96-1	1.08	0.97	0.88	0.97	10.29	ppb
Molybdenum	97-1	1.31	1.12	0.98	1.14	14.72	ppb
Molybdenum	98-1	1.21	1.09	1.06	1.12	6.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.03	-0.04	-0.04		ppb
Phosphorus	31-2	-20.71	-16.26	-0.79	-12.59		ppb
Potassium	39-2	28.52	28.32	26.65	27.83	3.69	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.24	0.00	0.00	0.08	173.21	ppb
Selenium	78-2	-0.09	-0.13	0.20	-0.01		ppb
Selenium	82-1	0.11	0.15	0.43	0.23	76.68	ppb
Silicon	28-1	0.56	0.06	-0.02	0.20	154.91	ppb
Silver	109-1	0.04	0.03	0.04	0.04	6.51	ppb
Silver	107-1	0.04	0.03	0.03	0.03	18.73	ppb
Sodium	23-2	76.32	77.22	72.05	75.20	3.68	ppb
Strontium	86-1	0.00	0.02	-0.03	0.00		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	16.71	ppb
Sulfur	34-1	-980.80	-1125.46	-1012.36	-1039.54		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.25	0.21	0.20	0.22	12.88	ppb
Thallium	205-1	0.25	0.23	0.21	0.23	9.20	ppb
Tin	118-1	0.34	0.32	0.27	0.31	12.31	ppb
Titanium	47-1	0.02	0.00	0.02	0.01	122.62	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	16.08	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	31.63	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.14	0.14	0.15	0.14	4.61	ppb
Zirconium	90-1	0.13	0.12	0.11	0.12	8.02	ppb

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P7
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 14:24:48	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.14	0.16	0.11	0.14	18.79	ppb

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 12:49:33	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	58	50	61	20.83	cps
Antimony	121-1	192	92	142	142	35.30	cps
Arsenic	75-2	24	15	9	16	46.63	cps
Barium	135-1	67	25	17	36	74.18	cps
Barium	137-1	50	33	33	39	24.75	cps
Beryllium	9-1	39	33	28	33	16.67	cps
Bismuth	209-1	10141422	10087214	10158121	10128919	0.37	cps
Bismuth	209-2	6454651	6413581	6426744	6431659	0.33	cps
Boron	10-1	117	142	142	133	10.83	cps
Boron	11-1	675	717	783	725	7.54	cps
Cadmium	111-1	2738	2778	2845	2787	1.94	cps
Cadmium	106-1	3876	3976	4059	3970	2.31	cps
Cadmium	108-1	13	25	25	21	34.64	cps
Calcium	43-1	392	225	233	283	33.15	cps
Calcium	44-1	52470	50964	51566	51666	1.47	cps
Chromium	52-2	2447	2520	2347	2438	3.57	cps
Cobalt	59-2	213	280	213	236	16.34	cps
Copper	63-2	1190	1157	1190	1179	1.63	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	3	0	13	6	124.93	cps
Erbium	164-1	50	33	117	67	66.15	cps
Erbium	164-2	20	27	30	26	19.92	cps
Gadolinium	160-1	192	108	183	161	28.49	cps
Gadolinium	160-2	137	143	153	144	5.81	cps
Holmium	165-1	14273466	14183346	14358145	14271652	0.61	cps
Holmium	165-2	8015726	7990170	7984204	7996700	0.21	cps
Indium	115-1	10879994	10782862	10817259	10826705	0.45	cps
Indium	115-2	2381529	2391790	2403025	2392115	0.45	cps
Iron	56-2	7441	7780	7697	7639	2.31	cps
Iron	57-2	250	289	333	291	14.34	cps
Lead	206-1	1045	1078	1100	1074	2.60	cps
Lead	207-1	911	972	978	954	3.88	cps
Lead	208-1	4111	4306	4556	4324	5.15	cps
Lithium	6-1	649014	644168	648856	647346	0.43	cps
Magnesium	24-2	125	183	183	164	20.55	cps
Manganese	55-2	133	117	140	130	9.24	cps

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 12:49:33	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	342	408	358	369	9.39	cps
Molybdenum	95-1	117	217	125	153	36.32	cps
Molybdenum	96-1	225	250	175	217	17.63	cps
Molybdenum	97-1	42	67	92	67	37.50	cps
Molybdenum	98-1	192	292	158	214	32.44	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	230	190	177	199	13.96	cps
Phosphorus	31-2	583	542	492	539	8.52	cps
Potassium	39-2	37883	37983	38042	37969	0.21	cps
Rhodium	103-1	10438251	10489332	10527379	10484987	0.43	cps
Rhodium	103-2	5590344	5576206	5575458	5580669	0.15	cps
Scandium	45-1	5641525	5664643	5699574	5668581	0.52	cps
Scandium	45-2	305340	306764	308922	307009	0.59	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	57	72	93	74	23.85	cps
Selenium	82-1	-19	-96	59	-19	-414.81	cps
Silicon	28-1	153405	154784	152445	153545	0.77	cps
Silver	109-1	100	108	58	89	30.13	cps
Silver	107-1	142	125	150	139	9.16	cps
Sodium	23-2	25856	25197	25798	25617	1.43	cps
Strontium	86-1	1242	1425	1417	1361	7.61	cps
Strontium	88-1	258	142	192	197	29.68	cps
Sulfur	34-1	455355	454845	461086	457095	0.76	cps
Terbium	159-1	14786012	14734146	14619920	14713359	0.58	cps
Terbium	159-2	8068138	8156766	8154976	8126626	0.62	cps
Thallium	203-1	325	333	325	328	1.47	cps
Thallium	205-1	700	825	842	789	9.82	cps
Tin	118-1	1518	1050	1250	1273	18.44	cps
Titanium	47-1	67	175	183	142	45.94	cps
Uranium	238-1	358	275	258	297	18.03	cps
Vanadium	51-2	13	17	17	16	12.40	cps
Yttrium	89-1	10615184	10680365	10682042	10659197	0.36	cps
Yttrium	89-2	1724604	1725137	1729641	1726461	0.16	cps
Zinc	66-2	193	133	117	148	27.29	cps
Zirconium	90-1	792	900	958	883	9.58	cps

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 12:49:33	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	225	150	133	169	28.82	cps

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	S1	Instrumnet Name :	P7
Client Sample ID :	S1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 12:52:59	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	283	308	250	281	10.43	cps
Antimony	121-1	2925	2800	2859	2862	2.19	cps
Arsenic	75-2	69	54	65	62	12.37	cps
Barium	135-1	3142	2992	3384	3173	6.23	cps
Barium	137-1	5726	5685	5518	5643	1.95	cps
Beryllium	9-1	117	156	150	141	14.94	cps
Bismuth	209-1	10081132	10072969	10214037	10122712	0.78	cps
Bismuth	209-2	6560184	6517730	6536727	6538214	0.33	cps
Boron	10-1	450	533	608	531	14.93	cps
Boron	11-1	2900	3009	2684	2864	5.78	cps
Cadmium	111-1	3083	3069	3100	3084	0.50	cps
Cadmium	106-1	3959	3851	4084	3965	2.95	cps
Cadmium	108-1	38	38	54	43	22.35	cps
Calcium	43-1	2142	1925	2050	2039	5.33	cps
Calcium	44-1	77578	74915	77185	76559	1.88	cps
Chromium	52-2	3197	3380	3314	3297	2.82	cps
Cobalt	59-2	993	930	893	939	5.39	cps
Copper	63-2	2360	2234	2164	2252	4.43	cps
Dysprosium	156-1	25	0	33	19	89.21	cps
Dysprosium	156-2	0	10	0	3	173.21	cps
Erbium	164-1	50	58	25	44	39.04	cps
Erbium	164-2	17	17	23	19	20.36	cps
Gadolinium	160-1	142	125	150	139	9.16	cps
Gadolinium	160-2	157	160	183	167	8.72	cps
Holmium	165-1	14020973	14209575	14202145	14144231	0.76	cps
Holmium	165-2	8093280	8091626	8084030	8089645	0.06	cps
Indium	115-1	10896867	10911821	11035475	10948054	0.69	cps
Indium	115-2	2432860	2432491	2424432	2429927	0.20	cps
Iron	56-2	25985	25362	24788	25378	2.36	cps
Iron	57-2	767	661	550	659	16.43	cps
Lead	206-1	2211	2100	1989	2100	5.29	cps
Lead	207-1	2095	2139	1878	2037	6.86	cps
Lead	208-1	9229	9074	8968	9090	1.44	cps
Lithium	6-1	659871	660870	652791	657844	0.67	cps
Magnesium	24-2	13548	13490	12631	13223	3.88	cps
Manganese	55-2	400	307	393	367	14.20	cps

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	S1	Instrumnet Name :	P7
Client Sample ID :	S1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 12:52:59	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2684	3101	2909	2898	7.20	cps
Molybdenum	95-1	3334	3042	3342	3239	5.28	cps
Molybdenum	96-1	3476	3834	3626	3645	4.94	cps
Molybdenum	97-1	2250	2034	1992	2092	6.63	cps
Molybdenum	98-1	5076	5951	5360	5462	8.18	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	420	327	357	368	12.95	cps
Phosphorus	31-2	408	567	458	478	16.94	cps
Potassium	39-2	52143	51708	52118	51990	0.47	cps
Rhodium	103-1	10501186	10550255	10484117	10511853	0.33	cps
Rhodium	103-2	5687353	5702926	5659163	5683147	0.39	cps
Scandium	45-1	5674451	5697453	5677162	5683022	0.22	cps
Scandium	45-2	313173	310650	311849	311891	0.40	cps
Selenium	77-2	7	20	3	10	88.20	cps
Selenium	78-2	98	80	81	86	11.80	cps
Selenium	82-1	192	115	96	134	37.91	cps
Silicon	28-1	162135	164151	165447	163911	1.02	cps
Silver	109-1	1759	1642	1825	1742	5.33	cps
Silver	107-1	1817	1950	1850	1872	3.71	cps
Sodium	23-2	51531	51038	52016	51528	0.95	cps
Strontium	86-1	1700	1742	1592	1678	4.62	cps
Strontium	88-1	3492	3659	3417	3523	3.51	cps
Sulfur	34-1	457742	456128	455612	456494	0.24	cps
Terbium	159-1	14722323	14759526	14887883	14789911	0.59	cps
Terbium	159-2	8108204	8058285	8190789	8119093	0.82	cps
Thallium	203-1	1759	1750	1809	1772	1.78	cps
Thallium	205-1	4309	3951	4318	4193	4.99	cps
Tin	118-1	6002	6218	6393	6204	3.16	cps
Titanium	47-1	908	883	1033	942	8.54	cps
Uranium	238-1	4893	5093	5210	5065	3.16	cps
Vanadium	51-2	1547	1557	1683	1596	4.77	cps
Yttrium	89-1	10561540	10649709	10739887	10650379	0.84	cps
Yttrium	89-2	1772952	1762700	1756998	1764216	0.46	cps
Zinc	66-2	427	420	430	426	1.20	cps
Zirconium	90-1	2500	2917	3209	2875	12.38	cps

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	S1	Instrumnet Name :	P7
Client Sample ID :	S1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 12:52:59	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	692	683	600	658	7.70	cps

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 12:57:33	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2775	2942	2492	2736	8.31	cps
Antimony	121-1	27728	28488	28405	28207	1.48	cps
Arsenic	75-2	594	485	567	549	10.35	cps
Barium	135-1	32239	31570	32230	32013	1.20	cps
Barium	137-1	55277	55495	55152	55308	0.31	cps
Beryllium	9-1	1372	1406	1300	1359	3.97	cps
Bismuth	209-1	9965845	10053913	10117219	10045659	0.76	cps
Bismuth	209-2	6491344	6527245	6488988	6502526	0.33	cps
Boron	10-1	4067	4059	4226	4117	2.28	cps
Boron	11-1	21841	22150	21883	21958	0.76	cps
Cadmium	111-1	6312	6194	6330	6279	1.18	cps
Cadmium	106-1	4142	4259	4343	4248	2.37	cps
Cadmium	108-1	263	304	300	289	7.94	cps
Calcium	43-1	15918	15642	15701	15754	0.92	cps
Calcium	44-1	306254	302972	305924	305050	0.59	cps
Chromium	52-2	11812	12038	11995	11948	1.01	cps
Cobalt	59-2	7806	7952	7799	7852	1.10	cps
Copper	63-2	12929	12802	12969	12900	0.68	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	75	58	108	81	31.60	cps
Erbium	164-2	47	27	53	42	32.86	cps
Gadolinium	160-1	175	108	183	156	26.43	cps
Gadolinium	160-2	163	150	193	169	13.14	cps
Holmium	165-1	14079520	14017890	14116397	14071269	0.35	cps
Holmium	165-2	8085491	8161281	8101655	8116142	0.49	cps
Indium	115-1	10755909	10737220	10837660	10776930	0.50	cps
Indium	115-2	2401761	2425212	2410347	2412440	0.49	cps
Iron	56-2	203603	203350	203709	203554	0.09	cps
Iron	57-2	5162	5307	5062	5177	2.37	cps
Lead	206-1	12818	13568	13290	13225	2.87	cps
Lead	207-1	11895	12006	12428	12110	2.33	cps
Lead	208-1	53138	54283	54773	54065	1.55	cps
Lithium	6-1	647698	643245	652348	647764	0.70	cps
Magnesium	24-2	149849	149170	145290	148103	1.66	cps
Manganese	55-2	2570	2770	2887	2743	5.84	cps

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 12:57:33	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	27252	26058	27436	26915	2.78	cps
Molybdenum	95-1	33331	32488	32488	32769	1.49	cps
Molybdenum	96-1	36724	36464	35871	36353	1.20	cps
Molybdenum	97-1	20249	19731	19581	19853	1.77	cps
Molybdenum	98-1	53226	52063	52598	52629	1.11	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	2450	2367	2670	2496	6.28	cps
Phosphorus	31-2	600	567	575	581	2.99	cps
Potassium	39-2	179347	181168	180166	180227	0.51	cps
Rhodium	103-1	10400358	10203677	10359647	10321227	1.01	cps
Rhodium	103-2	5572766	5620906	5618354	5604009	0.48	cps
Scandium	45-1	5594643	5535756	5569242	5566547	0.53	cps
Scandium	45-2	310457	315462	312357	312759	0.81	cps
Selenium	77-2	63	47	50	53	16.53	cps
Selenium	78-2	246	244	257	249	2.81	cps
Selenium	82-1	1165	1055	1048	1090	6.03	cps
Silicon	28-1	245219	249533	249540	248097	1.00	cps
Silver	109-1	17353	17511	17478	17447	0.48	cps
Silver	107-1	18964	18530	18096	18530	2.34	cps
Sodium	23-2	296367	294421	289425	293404	1.22	cps
Strontium	86-1	5160	5218	5335	5237	1.70	cps
Strontium	88-1	35503	34242	36221	35322	2.84	cps
Sulfur	34-1	441379	440993	447912	443428	0.88	cps
Terbium	159-1	14703938	14475749	14574599	14584762	0.78	cps
Terbium	159-2	8142497	8147277	8162145	8150640	0.13	cps
Thallium	203-1	15468	14533	15184	15062	3.18	cps
Thallium	205-1	36259	35999	36343	36200	0.49	cps
Tin	118-1	55561	54340	56657	55519	2.09	cps
Titanium	47-1	7777	8069	7986	7944	1.89	cps
Uranium	238-1	47112	47203	48625	47647	1.78	cps
Vanadium	51-2	17254	17063	17284	17200	0.69	cps
Yttrium	89-1	10490155	10543026	10409446	10480876	0.64	cps
Yttrium	89-2	1737224	1753823	1741930	1744326	0.49	cps
Zinc	66-2	1977	2077	1897	1984	4.55	cps
Zirconium	90-1	23003	21959	23336	22766	3.16	cps

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 12:57:33	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4718	4593	5393	4901	8.78	cps

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:01:17	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	145712	147184	143761	145552	1.18	cps
Antimony	121-1	772774	788830	791930	784511	1.31	cps
Arsenic	75-2	29580	29836	29671	29696	0.44	cps
Barium	135-1	1592471	1601001	1593015	1595496	0.30	cps
Barium	137-1	2794331	2783437	2792004	2789924	0.21	cps
Beryllium	9-1	76224	76079	76626	76310	0.37	cps
Bismuth	209-1	10169489	10159696	10171672	10166952	0.06	cps
Bismuth	209-2	6493285	6489993	6582503	6521927	0.80	cps
Boron	10-1	9262	9478	9153	9298	1.78	cps
Boron	11-1	49774	48779	49491	49348	1.04	cps
Cadmium	111-1	204526	204348	207140	205338	0.76	cps
Cadmium	106-1	25490	25858	25866	25738	0.83	cps
Cadmium	108-1	14716	14812	14808	14779	0.37	cps
Calcium	43-1	181164	180405	178683	180084	0.71	cps
Calcium	44-1	2917112	2933341	2945219	2931891	0.48	cps
Chromium	52-2	251465	249932	249230	250209	0.46	cps
Cobalt	59-2	419987	421613	420324	420641	0.20	cps
Copper	63-2	640934	644851	647294	644359	0.50	cps
Dysprosium	156-1	8	42	33	28	62.46	cps
Dysprosium	156-2	20	13	17	17	20.01	cps
Erbium	164-1	33	42	50	42	19.99	cps
Erbium	164-2	27	20	17	21	24.12	cps
Gadolinium	160-1	150	117	192	153	24.60	cps
Gadolinium	160-2	140	183	213	179	20.61	cps
Holmium	165-1	14202303	14293798	14256322	14250808	0.32	cps
Holmium	165-2	8062657	8158002	8127758	8116139	0.60	cps
Indium	115-1	10836271	10939997	10951541	10909270	0.58	cps
Indium	115-2	2394007	2434203	2418903	2415704	0.84	cps
Iron	56-2	10888073	10841062	10758076	10829070	0.61	cps
Iron	57-2	270492	268912	267229	268877	0.61	cps
Lead	206-1	666141	662714	668102	665652	0.41	cps
Lead	207-1	602708	600652	607898	603752	0.62	cps
Lead	208-1	2717398	2710483	2729467	2719116	0.35	cps
Lithium	6-1	662692	661557	658077	660775	0.36	cps
Magnesium	24-2	1646967	1657084	1662881	1655644	0.49	cps
Manganese	55-2	283610	281078	279022	281236	0.82	cps

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:01:17	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	665962	674016	671941	670640	0.62	cps
Molybdenum	95-1	372029	372353	376726	373703	0.70	cps
Molybdenum	96-1	474729	478350	477989	477023	0.42	cps
Molybdenum	97-1	232819	234581	232779	233393	0.44	cps
Molybdenum	98-1	602093	600369	600745	601069	0.15	cps
Neodymium	150-1	180	120	67	122	46.39	cps
Neodymium	150-2	13	7	3	8	65.47	cps
Nickel	60-2	117093	118006	117560	117553	0.39	cps
Phosphorus	31-2	8811	8920	8603	8778	1.83	cps
Potassium	39-2	822904	827794	823103	824601	0.34	cps
Rhodium	103-1	10324865	10431050	10401314	10385743	0.53	cps
Rhodium	103-2	5544039	5618515	5597709	5586754	0.69	cps
Scandium	45-1	5580410	5588602	5604987	5591333	0.22	cps
Scandium	45-2	309577	312142	309935	310551	0.45	cps
Selenium	77-2	640	557	640	612	7.86	cps
Selenium	78-2	2261	2130	2104	2165	3.90	cps
Selenium	82-1	12068	12293	12216	12192	0.94	cps
Silicon	28-1	543933	549051	547820	546935	0.49	cps
Silver	109-1	950979	946085	952866	949977	0.37	cps
Silver	107-1	997747	1000913	1012334	1003665	0.76	cps
Sodium	23-2	3008863	3015972	3036898	3020578	0.48	cps
Strontium	86-1	222387	224240	224800	223809	0.56	cps
Strontium	88-1	1934794	1954577	1934961	1941444	0.59	cps
Sulfur	34-1	512663	519151	512799	514871	0.72	cps
Terbium	159-1	14764134	14809258	14876069	14816487	0.38	cps
Terbium	159-2	8321951	8214335	8229225	8255170	0.71	cps
Thallium	203-1	812645	803479	810299	808808	0.59	cps
Thallium	205-1	1960670	1958897	1961850	1960472	0.08	cps
Tin	118-1	609435	610970	617847	612751	0.73	cps
Titanium	47-1	89798	93001	91977	91592	1.79	cps
Uranium	238-1	2777355	2760334	2773780	2770490	0.32	cps
Vanadium	51-2	193073	190921	191335	191776	0.60	cps
Yttrium	89-1	10479831	10604500	10557522	10547284	0.60	cps
Yttrium	89-2	1739180	1748818	1750481	1746160	0.35	cps
Zinc	66-2	93809	93285	93775	93623	0.31	cps
Zirconium	90-1	1241883	1255349	1257840	1251691	0.69	cps

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:01:17	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	276527	282070	280644	279747	1.03	cps

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:05:14	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	350900	353554	355259	353238	0.62	cps
Antimony	121-1	1949699	1971450	1976762	1965970	0.73	cps
Arsenic	75-2	72025	73058	74009	73031	1.36	cps
Barium	135-1	3946622	3968080	3959505	3958069	0.27	cps
Barium	137-1	6956975	6899534	6880686	6912399	0.57	cps
Beryllium	9-1	192577	194828	192533	193313	0.68	cps
Bismuth	209-1	9917496	10201036	10093044	10070526	1.42	cps
Bismuth	209-2	6343707	6422250	6489221	6418393	1.13	cps
Boron	10-1	23094	24504	24103	23900	3.04	cps
Boron	11-1	121484	124811	122754	123016	1.37	cps
Cadmium	111-1	506792	501738	501015	503182	0.63	cps
Cadmium	106-1	57543	58613	56313	57490	2.00	cps
Cadmium	108-1	36969	35624	36410	36334	1.86	cps
Calcium	43-1	439639	441119	438811	439856	0.27	cps
Calcium	44-1	7174931	7135659	7083696	7131429	0.64	cps
Chromium	52-2	601208	602956	608756	604306	0.65	cps
Cobalt	59-2	1016350	1031661	1032874	1026961	0.90	cps
Copper	63-2	1547525	1565912	1569051	1560829	0.75	cps
Dysprosium	156-1	42	92	67	67	37.50	cps
Dysprosium	156-2	17	20	20	19	10.18	cps
Erbium	164-1	25	33	58	39	44.62	cps
Erbium	164-2	23	20	10	18	39.03	cps
Gadolinium	160-1	183	142	117	147	22.88	cps
Gadolinium	160-2	167	150	183	167	10.00	cps
Holmium	165-1	14389866	14212702	14341821	14314797	0.64	cps
Holmium	165-2	8016472	8113844	8154623	8094980	0.88	cps
Indium	115-1	10623358	10698771	10585037	10635722	0.54	cps
Indium	115-2	2345628	2373798	2412186	2377204	1.41	cps
Iron	56-2	26365944	26456292	26708828	26510355	0.67	cps
Iron	57-2	651300	659385	663228	657971	0.93	cps
Lead	206-1	1661793	1652453	1666542	1660263	0.43	cps
Lead	207-1	1508457	1510364	1504479	1507767	0.20	cps
Lead	208-1	6763053	6829628	6802541	6798407	0.49	cps
Lithium	6-1	666055	665947	668921	666974	0.25	cps
Magnesium	24-2	3986831	4017266	4072017	4025371	1.07	cps
Manganese	55-2	682977	686915	692269	687387	0.68	cps

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:05:14	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1661402	1674762	1666281	1667482	0.41	cps
Molybdenum	95-1	928794	930847	921737	927126	0.52	cps
Molybdenum	96-1	1183684	1187816	1173168	1181556	0.64	cps
Molybdenum	97-1	578864	582032	575276	578724	0.58	cps
Molybdenum	98-1	1501302	1493100	1480264	1491556	0.71	cps
Neodymium	150-1	200	213	260	224	14.04	cps
Neodymium	150-2	20	13	30	21	39.75	cps
Nickel	60-2	281176	283186	284276	282879	0.56	cps
Phosphorus	31-2	20473	20356	19989	20273	1.25	cps
Potassium	39-2	1945732	1968973	1972364	1962357	0.74	cps
Rhodium	103-1	10300797	10140092	10171812	10204234	0.83	cps
Rhodium	103-2	5408717	5446198	5519261	5458059	1.03	cps
Scandium	45-1	5604646	5602639	5536064	5581116	0.70	cps
Scandium	45-2	302477	308626	305453	305518	1.01	cps
Selenium	77-2	1367	1537	1593	1499	7.87	cps
Selenium	78-2	5231	5292	5292	5271	0.67	cps
Selenium	82-1	29873	30125	29587	29861	0.90	cps
Silicon	28-1	1137078	1153115	1152723	1147639	0.80	cps
Silver	109-1	2363983	2347074	2330590	2347216	0.71	cps
Silver	107-1	2491974	2458398	2456508	2468960	0.81	cps
Sodium	23-2	7186138	7251432	7302801	7246790	0.81	cps
Strontium	86-1	553177	553411	552201	552930	0.12	cps
Strontium	88-1	4826908	4828115	4768827	4807950	0.70	cps
Sulfur	34-1	575311	576926	578027	576755	0.24	cps
Terbium	159-1	14784537	14751104	14714123	14749921	0.24	cps
Terbium	159-2	8101527	8276734	8236648	8204969	1.12	cps
Thallium	203-1	2033321	2034970	2026170	2031487	0.23	cps
Thallium	205-1	4893732	4860240	4925817	4893263	0.67	cps
Tin	118-1	1508333	1511130	1506777	1508747	0.15	cps
Titanium	47-1	227971	226519	224314	226268	0.81	cps
Uranium	238-1	7024795	7061297	6957870	7014654	0.75	cps
Vanadium	51-2	469012	473066	474617	472231	0.61	cps
Yttrium	89-1	10441591	10391960	10319998	10384517	0.59	cps
Yttrium	89-2	1698662	1724628	1741983	1721758	1.27	cps
Zinc	66-2	226010	230170	229751	228644	1.00	cps
Zirconium	90-1	3135140	3120728	3085201	3113690	0.83	cps

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:05:14	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	693216	694430	691921	693189	0.18	cps

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:08:52	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	707589	696180	708153	703974	0.96	cps
Antimony	121-1	3933455	3909897	3951085	3931479	0.53	cps
Arsenic	75-2	145532	146249	145106	145629	0.40	cps
Barium	135-1	7805848	7923296	7920101	7883082	0.85	cps
Barium	137-1	13695362	13807419	13845379	13782720	0.57	cps
Beryllium	9-1	396334	393628	391314	393759	0.64	cps
Bismuth	209-1	10107512	10019634	10152007	10093051	0.67	cps
Bismuth	209-2	6382951	6356245	6416280	6385159	0.47	cps
Boron	10-1	48713	48094	49908	48905	1.89	cps
Boron	11-1	241514	245732	245052	244100	0.93	cps
Cadmium	111-1	992623	996538	991698	993620	0.26	cps
Cadmium	106-1	109891	109008	110219	109706	0.57	cps
Cadmium	108-1	72539	72451	72740	72577	0.20	cps
Calcium	43-1	877356	873159	873472	874662	0.27	cps
Calcium	44-1	14211394	14042587	14223761	14159247	0.71	cps
Chromium	52-2	1192507	1190187	1192279	1191658	0.11	cps
Cobalt	59-2	2021925	2018075	2024795	2021598	0.17	cps
Copper	63-2	3059839	3053778	3071261	3061626	0.29	cps
Dysprosium	156-1	150	108	167	142	21.21	cps
Dysprosium	156-2	87	50	70	69	26.65	cps
Erbium	164-1	83	67	33	61	41.67	cps
Erbium	164-2	20	17	27	21	24.12	cps
Gadolinium	160-1	142	208	158	169	20.48	cps
Gadolinium	160-2	140	170	130	147	14.19	cps
Holmium	165-1	14406171	14247220	14358713	14337368	0.57	cps
Holmium	165-2	8120039	8045731	8031524	8065765	0.59	cps
Indium	115-1	10675709	10625435	10512431	10604525	0.79	cps
Indium	115-2	2367404	2341400	2358122	2355642	0.56	cps
Iron	56-2	52506526	52482587	52837858	52608991	0.38	cps
Iron	57-2	1303360	1299100	1303784	1302081	0.20	cps
Lead	206-1	3304298	3316223	3342729	3321083	0.59	cps
Lead	207-1	2980545	3017831	3010744	3003040	0.66	cps
Lead	208-1	13429521	13556059	13544932	13510171	0.52	cps
Lithium	6-1	669939	674572	681465	675325	0.86	cps
Magnesium	24-2	7959204	7874638	8032206	7955350	0.99	cps
Manganese	55-2	1368326	1358065	1364592	1363661	0.38	cps

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:08:52	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3334196	3316667	3340616	3330493	0.37	cps
Molybdenum	95-1	1838348	1847024	1850194	1845189	0.33	cps
Molybdenum	96-1	2328420	2356735	2348884	2344680	0.62	cps
Molybdenum	97-1	1139785	1150641	1152961	1147796	0.61	cps
Molybdenum	98-1	2967194	2967733	2953278	2962735	0.28	cps
Neodymium	150-1	513	453	473	480	6.37	cps
Neodymium	150-2	23	43	33	33	30.00	cps
Nickel	60-2	557239	555250	555020	555837	0.22	cps
Phosphorus	31-2	41225	40473	40698	40798	0.95	cps
Potassium	39-2	3855087	3829500	3870343	3851643	0.54	cps
Rhodium	103-1	10055399	10030107	9963792	10016433	0.47	cps
Rhodium	103-2	5371913	5384075	5396569	5384186	0.23	cps
Scandium	45-1	5554828	5488794	5580264	5541295	0.85	cps
Scandium	45-2	303593	305081	307392	305355	0.63	cps
Selenium	77-2	3167	3287	3064	3173	3.52	cps
Selenium	78-2	10456	10306	10330	10364	0.78	cps
Selenium	82-1	59083	59051	58744	58959	0.32	cps
Silicon	28-1	2159341	2196091	2204764	2186732	1.10	cps
Silver	109-1	4599057	4612370	4596613	4602680	0.18	cps
Silver	107-1	4852988	4816153	4886286	4851809	0.72	cps
Sodium	23-2	14618079	14436476	14657776	14570777	0.81	cps
Strontium	86-1	1098688	1086285	1099424	1094799	0.67	cps
Strontium	88-1	9506513	9432512	9482872	9473966	0.40	cps
Sulfur	34-1	712484	707123	708754	709454	0.39	cps
Terbium	159-1	14711066	14667916	14708768	14695917	0.17	cps
Terbium	159-2	8079520	8087446	8050626	8072530	0.24	cps
Thallium	203-1	4084723	4109721	4071977	4088807	0.47	cps
Thallium	205-1	9783089	9709972	9674065	9722375	0.57	cps
Tin	118-1	3017063	3016521	3023263	3018949	0.12	cps
Titanium	47-1	441160	441099	442927	441729	0.24	cps
Uranium	238-1	14095719	14047422	14134551	14092564	0.31	cps
Vanadium	51-2	927389	927176	938513	931026	0.70	cps
Yttrium	89-1	10452761	10347770	10405898	10402143	0.51	cps
Yttrium	89-2	1716220	1706983	1723387	1715530	0.48	cps
Zinc	66-2	454899	451242	454374	453505	0.44	cps
Zirconium	90-1	6284406	6189946	6255036	6243129	0.77	cps

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:08:52	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1393146	1379141	1384375	1385554	0.51	cps

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:12:25	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1416260	1423512	1447425	1429066	1.14	cps
Antimony	121-1	7899147	8023572	7943529	7955416	0.79	cps
Arsenic	75-2	290627	291937	294203	292256	0.62	cps
Barium	135-1	15889195	15934334	15932658	15918729	0.16	cps
Barium	137-1	27552242	27593433	27514734	27553470	0.14	cps
Beryllium	9-1	788656	790675	797779	792370	0.60	cps
Bismuth	209-1	9914419	10017937	9989705	9974020	0.54	cps
Bismuth	209-2	6265022	6286918	6357007	6302982	0.76	cps
Boron	10-1	97069	97120	101287	98492	2.46	cps
Boron	11-1	492072	492471	498288	494277	0.70	cps
Cadmium	111-1	1976341	1975014	1976142	1975832	0.04	cps
Cadmium	106-1	217394	218018	218330	217914	0.22	cps
Cadmium	108-1	144615	144583	142866	144021	0.69	cps
Calcium	43-1	1753987	1765532	1755886	1758468	0.35	cps
Calcium	44-1	28149887	28350078	28275499	28258488	0.36	cps
Chromium	52-2	2368592	2374592	2394445	2379210	0.57	cps
Cobalt	59-2	3959339	4010600	4043969	4004636	1.06	cps
Copper	63-2	6056845	6085020	6137793	6093219	0.67	cps
Dysprosium	156-1	142	158	192	164	15.53	cps
Dysprosium	156-2	87	113	150	117	27.25	cps
Erbium	164-1	75	50	25	50	50.00	cps
Erbium	164-2	20	33	47	33	40.01	cps
Gadolinium	160-1	233	158	242	211	21.74	cps
Gadolinium	160-2	203	180	170	184	9.28	cps
Holmium	165-1	14370231	14463001	14540902	14458045	0.59	cps
Holmium	165-2	8066578	8040800	8091083	8066154	0.31	cps
Indium	115-1	10453696	10390925	10552937	10465853	0.78	cps
Indium	115-2	2330133	2325261	2341466	2332287	0.36	cps
Iron	56-2	104842541	105854222	106210855	105635873	0.67	cps
Iron	57-2	2583970	2601890	2627280	2604380	0.84	cps
Lead	206-1	6594889	6656408	6639239	6630179	0.48	cps
Lead	207-1	5962331	6032335	6001793	5998820	0.59	cps
Lead	208-1	26883185	27162516	27074466	27040055	0.53	cps
Lithium	6-1	690414	683747	682106	685422	0.64	cps
Magnesium	24-2	15784211	15857806	16226228	15956082	1.48	cps
Manganese	55-2	2714655	2714647	2745444	2724915	0.65	cps

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:12:25	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6721263	6731188	6740631	6731027	0.14	cps
Molybdenum	95-1	3683773	3731320	3706182	3707092	0.64	cps
Molybdenum	96-1	4695056	4702181	4732177	4709804	0.42	cps
Molybdenum	97-1	2294650	2310142	2321579	2308790	0.59	cps
Molybdenum	98-1	6063645	6134218	6091174	6096346	0.58	cps
Neodymium	150-1	827	947	887	887	6.77	cps
Neodymium	150-2	60	63	83	69	18.33	cps
Nickel	60-2	1090733	1100854	1107458	1099682	0.77	cps
Phosphorus	31-2	82159	81825	83727	82570	1.23	cps
Potassium	39-2	7733910	7734052	7787287	7751749	0.40	cps
Rhodium	103-1	9919685	9954987	9913673	9929449	0.22	cps
Rhodium	103-2	5276544	5313976	5319132	5303217	0.44	cps
Scandium	45-1	5596223	5686495	5607816	5630178	0.87	cps
Scandium	45-2	307710	307822	308359	307964	0.11	cps
Selenium	77-2	6371	6288	6385	6348	0.83	cps
Selenium	78-2	20303	21028	20713	20681	1.76	cps
Selenium	82-1	117748	119340	119107	118732	0.72	cps
Silicon	28-1	4335375	4405726	4467278	4402793	1.50	cps
Silver	109-1	9365980	9230476	9200732	9265729	0.95	cps
Silver	107-1	9764582	9777079	9759210	9766957	0.09	cps
Sodium	23-2	28729224	29014249	29546844	29096772	1.43	cps
Strontium	86-1	2191740	2203372	2190785	2195299	0.32	cps
Strontium	88-1	18991097	19187809	19108921	19095942	0.52	cps
Sulfur	34-1	1001707	1009198	1005124	1005343	0.37	cps
Terbium	159-1	14825233	15035394	14889110	14916579	0.72	cps
Terbium	159-2	8207643	8068062	8166554	8147420	0.88	cps
Thallium	203-1	8074299	8230073	8197373	8167248	1.01	cps
Thallium	205-1	19312982	19478204	19434866	19408684	0.44	cps
Tin	118-1	5971138	6217696	6046421	6078418	2.08	cps
Titanium	47-1	889819	900392	902276	897496	0.75	cps
Uranium	238-1	28331295	29008550	28562115	28633987	1.20	cps
Vanadium	51-2	1870442	1873966	1893745	1879384	0.67	cps
Yttrium	89-1	10447099	10523214	10423538	10464617	0.50	cps
Yttrium	89-2	1717497	1723244	1736907	1725883	0.58	cps
Zinc	66-2	892266	890904	901297	894822	0.63	cps
Zirconium	90-1	12569267	12727348	12588388	12628334	0.68	cps

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:12:25	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2770937	2802403	2781737	2785026	0.57	cps

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:15:55	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2855635	2840085	2872737	2856153	0.57	cps
Antimony	121-1	15544788	15552152	15602764	15566568	0.20	cps
Arsenic	75-2	582267	581067	585670	583001	0.41	cps
Barium	135-1	31230642	31117772	31070203	31139539	0.26	cps
Barium	137-1	54061347	54137472	53901576	54033465	0.22	cps
Beryllium	9-1	1524014	1516774	1529576	1523455	0.42	cps
Bismuth	209-1	9733022	9796975	9700907	9743635	0.50	cps
Bismuth	209-2	6139982	6155001	6174017	6156334	0.28	cps
Boron	10-1	191294	193076	197724	194031	1.71	cps
Boron	11-1	952728	964611	975956	964432	1.20	cps
Cadmium	111-1	3786223	3781030	3778977	3782077	0.10	cps
Cadmium	106-1	414497	416530	417024	416017	0.32	cps
Cadmium	108-1	277055	279163	277285	277834	0.42	cps
Calcium	43-1	3459399	3476963	3471203	3469188	0.26	cps
Calcium	44-1	56275191	56113066	56184503	56190920	0.14	cps
Chromium	52-2	4755993	4699685	4774805	4743494	0.82	cps
Cobalt	59-2	7926810	7921746	7921323	7923293	0.04	cps
Copper	63-2	11921366	11861313	11942641	11908440	0.35	cps
Dysprosium	156-1	492	417	383	431	12.89	cps
Dysprosium	156-2	213	267	267	249	12.37	cps
Erbium	164-1	58	92	117	89	32.92	cps
Erbium	164-2	33	30	43	36	19.51	cps
Gadolinium	160-1	333	250	217	267	22.54	cps
Gadolinium	160-2	187	167	223	192	14.95	cps
Holmium	165-1	14022125	14070802	14089659	14060862	0.25	cps
Holmium	165-2	7973926	8021139	8040399	8011821	0.43	cps
Indium	115-1	10092656	10094285	10207263	10131401	0.65	cps
Indium	115-2	2287041	2288241	2310138	2295140	0.57	cps
Iron	56-2	211316855	208956138	210520816	210264603	0.57	cps
Iron	57-2	5145436	5164948	5190604	5166996	0.44	cps
Lead	206-1	12870551	13063202	13042153	12991969	0.81	cps
Lead	207-1	11869076	11916875	11908359	11898103	0.21	cps
Lead	208-1	52785470	53200888	52753409	52913255	0.47	cps
Lithium	6-1	655031	656778	657873	656561	0.22	cps
Magnesium	24-2	32043438	31723877	31589243	31785519	0.73	cps
Manganese	55-2	5514536	5396482	5488557	5466525	1.13	cps

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:15:55	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	13287213	13307277	13311954	13302148	0.10	cps
Molybdenum	95-1	7270724	7201882	7339061	7270556	0.94	cps
Molybdenum	96-1	9349072	9300180	9554471	9401241	1.44	cps
Molybdenum	97-1	4427545	4460025	4490492	4459354	0.71	cps
Molybdenum	98-1	11914970	11861623	11901294	11892629	0.23	cps
Neodymium	150-1	1580	1573	1627	1593	1.82	cps
Neodymium	150-2	130	160	157	149	11.04	cps
Nickel	60-2	2143620	2141757	2159152	2148176	0.44	cps
Phosphorus	31-2	162147	163260	165964	163790	1.20	cps
Potassium	39-2	15536975	15405138	15676843	15539652	0.87	cps
Rhodium	103-1	9638072	9661925	9607536	9635844	0.28	cps
Rhodium	103-2	5208552	5238323	5228355	5225076	0.29	cps
Scandium	45-1	5543093	5581399	5607086	5577193	0.58	cps
Scandium	45-2	315546	312589	315304	314480	0.52	cps
Selenium	77-2	11932	12142	12799	12291	3.68	cps
Selenium	78-2	41132	41593	41219	41315	0.59	cps
Selenium	82-1	227074	229699	229535	228769	0.64	cps
Silicon	28-1	7780450	7833356	7886028	7833278	0.67	cps
Silver	109-1	17888777	17822472	17831208	17847486	0.20	cps
Silver	107-1	18916174	18998423	18878212	18930936	0.32	cps
Sodium	23-2	57994522	57808860	57955641	57919674	0.17	cps
Strontium	86-1	4287957	4330319	4314399	4310892	0.50	cps
Strontium	88-1	37603513	37722001	37928395	37751303	0.44	cps
Sulfur	34-1	1522709	1536406	1538662	1532592	0.56	cps
Terbium	159-1	14523161	14774018	14630567	14642582	0.86	cps
Terbium	159-2	8108442	8131266	8156920	8132209	0.30	cps
Thallium	203-1	15634084	15861412	15795999	15763832	0.74	cps
Thallium	205-1	37212168	37831437	37342081	37461895	0.87	cps
Tin	118-1	12147629	12029093	12105847	12094190	0.50	cps
Titanium	47-1	1754953	1779025	1760901	1764959	0.71	cps
Uranium	238-1	56187980	55680793	55808522	55892432	0.47	cps
Vanadium	51-2	3788510	3760358	3795681	3781516	0.49	cps
Yttrium	89-1	10342608	10411801	10379771	10378060	0.33	cps
Yttrium	89-2	1730634	1732792	1751642	1738356	0.66	cps
Zinc	66-2	1756826	1744420	1769333	1756860	0.71	cps
Zirconium	90-1	24870410	25111999	25005262	24995890	0.48	cps

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:15:55	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	5563979	5603707	5620788	5596158	0.52	cps

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:19:22	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15336441	15528090	15527748	15464093	0.71	cps
Antimony	121-1	33984	31186	30342	31837	5.99	cps
Arsenic	75-2	344	270	306	307	12.08	cps
Barium	135-1	4609	3867	3992	4156	9.56	cps
Barium	137-1	7261	7286	7110	7219	1.31	cps
Beryllium	9-1	83	89	61	78	18.90	cps
Bismuth	209-1	8158516	7877105	7966600	8000740	1.80	cps
Bismuth	209-2	5428308	5432293	5501359	5453987	0.75	cps
Boron	10-1	4643	4242	4409	4431	4.54	cps
Boron	11-1	22426	22459	20440	21775	5.31	cps
Cadmium	111-1	2993	3129	3161	3094	2.87	cps
Cadmium	106-1	3842	4026	3984	3951	2.43	cps
Cadmium	108-1	54	50	46	50	8.34	cps
Calcium	43-1	16599635	16587376	16721690	16636234	0.45	cps
Calcium	44-1	268717914	269056706	270486714	269420445	0.35	cps
Chromium	52-2	49570	49610	49707	49629	0.14	cps
Cobalt	59-2	8276	8659	8789	8575	3.11	cps
Copper	63-2	14491	14511	14374	14458	0.51	cps
Dysprosium	156-1	108	142	108	119	16.11	cps
Dysprosium	156-2	70	100	73	81	20.27	cps
Erbium	164-1	75	108	92	92	18.18	cps
Erbium	164-2	70	77	43	63	27.85	cps
Gadolinium	160-1	233	225	275	244	10.96	cps
Gadolinium	160-2	180	230	237	216	14.37	cps
Holmium	165-1	12594890	12567689	12403691	12522090	0.83	cps
Holmium	165-2	7699561	7696541	7727458	7707853	0.22	cps
Indium	115-1	9167888	9052258	9094088	9104745	0.64	cps
Indium	115-2	2265960	2292728	2308549	2289079	0.94	cps
Iron	56-2	1032341201	1031402890	1043513179	1035752423	0.65	cps
Iron	57-2	25407660	25609394	25782118	25599724	0.73	cps
Lead	206-1	12000	12528	11767	12098	3.23	cps
Lead	207-1	10660	10688	10404	10584	1.48	cps
Lead	208-1	48436	49588	47735	48586	1.93	cps
Lithium	6-1	552791	543620	538160	544857	1.36	cps
Magnesium	24-2	163181274	163125920	164182587	163496594	0.36	cps
Manganese	55-2	18222	18886	18268	18458	2.01	cps

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:19:22	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	9654	10137	9604	9798	3.01	cps
Molybdenum	95-1	14458	15017	14541	14672	2.05	cps
Molybdenum	96-1	18796	18221	18237	18418	1.78	cps
Molybdenum	97-1	8828	8895	8478	8734	2.56	cps
Molybdenum	98-1	22827	21584	21183	21865	3.92	cps
Neodymium	150-1	213	147	160	173	20.35	cps
Neodymium	150-2	70	100	40	70	42.86	cps
Nickel	60-2	9593	9630	9647	9623	0.28	cps
Phosphorus	31-2	608	742	583	644	13.21	cps
Potassium	39-2	82032625	82482306	83817806	82777579	1.12	cps
Rhodium	103-1	8415263	8340773	8275134	8343724	0.84	cps
Rhodium	103-2	4682363	4704483	4724475	4703774	0.45	cps
Scandium	45-1	5257010	5139540	5159764	5185438	1.21	cps
Scandium	45-2	314538	317822	321603	317988	1.11	cps
Selenium	77-2	10	10	10	10	0.00	cps
Selenium	78-2	83	72	85	80	8.74	cps
Selenium	82-1	72	154	75	100	46.75	cps
Silicon	28-1	496773	517227	527810	513937	3.07	cps
Silver	109-1	1325	1233	1133	1231	7.79	cps
Silver	107-1	1400	1083	1425	1303	14.62	cps
Sodium	23-2	286621090	288969881	288103106	287898026	0.41	cps
Strontium	86-1	138335	137098	136822	137419	0.59	cps
Strontium	88-1	1197625	1184103	1182940	1188223	0.69	cps
Sulfur	34-1	413556	421051	425799	420135	1.47	cps
Terbium	159-1	13083024	12912689	12905884	12967199	0.77	cps
Terbium	159-2	7782877	7784688	7829137	7798901	0.34	cps
Thallium	203-1	7236	6860	6110	6735	8.51	cps
Thallium	205-1	17379	16094	14517	15996	8.96	cps
Tin	118-1	7394	6002	6260	6552	11.30	cps
Titanium	47-1	1475	3994	1525	2331	61.77	cps
Uranium	238-1	3701	3609	3292	3534	6.06	cps
Vanadium	51-2	933	970	957	953	1.95	cps
Yttrium	89-1	9457995	9387283	9347130	9397469	0.60	cps
Yttrium	89-2	1733909	1763875	1766664	1754816	1.03	cps
Zinc	66-2	3397	3420	3500	3439	1.58	cps
Zirconium	90-1	5401	4401	4434	4745	11.97	cps

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:19:22	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	933	1042	933	970	6.45	cps

LB Number : LB90415 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-28 13:23:02 DataFile Name : 013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	84322	84564	84296	84394	0.18	cps
Antimony	121-1	2997261	3004032	3009977	3003757	0.21	cps
Arsenic	75-2	128254	128373	128099	128242	0.11	cps
Barium	135-1	352630	352371	348112	351038	0.72	cps
Barium	137-1	605570	612378	610963	609637	0.59	cps
Beryllium	9-1	163710	159777	160451	161313	1.30	cps
Bismuth	209-1	9419873	9509133	9535260	9488089	0.64	cps
Bismuth	209-2	6645493	6616868	6661041	6641134	0.34	cps
Boron	10-1	103763	102246	102782	102930	0.75	cps
Boron	11-1	510306	505844	503688	506612	0.67	cps
Cadmium	111-1	409887	405425	408061	407791	0.55	cps
Cadmium	106-1	81116	79976	79339	80144	1.12	cps
Cadmium	108-1	42568	41686	41373	41876	1.48	cps
Calcium	43-1	85966	85656	84249	85290	1.07	cps
Calcium	44-1	1402016	1386208	1388910	1392378	0.61	cps
Chromium	52-2	516661	517027	520146	517945	0.37	cps
Cobalt	59-2	891152	895257	890764	892391	0.28	cps
Copper	63-2	680295	684771	683795	682954	0.34	cps
Dysprosium	156-1	17	17	33	22	43.28	cps
Dysprosium	156-2	10	0	3	4	114.60	cps
Erbium	164-1	208	133	167	169	22.18	cps
Erbium	164-2	50	87	57	64	30.31	cps
Gadolinium	160-1	192	125	175	164	21.17	cps
Gadolinium	160-2	157	277	160	198	34.55	cps
Holmium	165-1	13465036	13689850	13516051	13556979	0.87	cps
Holmium	165-2	8433837	8309954	8406296	8383362	0.78	cps
Indium	115-1	10412875	10432671	10422078	10422542	0.10	cps
Indium	115-2	2568144	2555145	2561506	2561598	0.25	cps
Iron	56-2	4662141	4595808	4618009	4625319	0.73	cps
Iron	57-2	115535	115938	116660	116044	0.49	cps
Lead	206-1	2539261	2523878	2533488	2532209	0.31	cps
Lead	207-1	2204776	2223732	2217876	2215461	0.44	cps
Lead	208-1	10123086	10125129	10165203	10137806	0.23	cps
Lithium	6-1	648397	665970	653771	656046	1.37	cps
Magnesium	24-2	428670	421431	426982	425694	0.89	cps
Manganese	55-2	308576	303674	306465	306238	0.80	cps

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:23:02	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7050397	7069001	6947107	7022168	0.94	cps
Molybdenum	95-1	3796480	3826622	3759954	3794352	0.88	cps
Molybdenum	96-1	4814531	4850382	4815690	4826868	0.42	cps
Molybdenum	97-1	2351246	2352364	2351328	2351646	0.03	cps
Molybdenum	98-1	6304491	6254769	6285290	6281517	0.40	cps
Neodymium	150-1	20	20	40	27	43.30	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	246915	249870	245722	247502	0.86	cps
Phosphorus	31-2	583	492	458	511	12.66	cps
Potassium	39-2	766353	769412	761421	765729	0.53	cps
Rhodium	103-1	10140144	10181582	10195692	10172473	0.28	cps
Rhodium	103-2	5745247	5707076	5692506	5714943	0.48	cps
Scandium	45-1	5850302	5674498	5720234	5748345	1.59	cps
Scandium	45-2	345353	344253	344789	344799	0.16	cps
Selenium	77-2	2784	2734	2947	2821	3.96	cps
Selenium	78-2	9546	9314	9440	9433	1.23	cps
Selenium	82-1	48394	48148	47984	48175	0.43	cps
Silicon	28-1	4175049	4135502	4126750	4145767	0.62	cps
Silver	109-1	1836304	1809873	1831976	1826051	0.78	cps
Silver	107-1	1931325	1954634	1952738	1946232	0.67	cps
Sodium	23-2	1372015	1347840	1351146	1357000	0.97	cps
Strontium	86-1	2306885	2303957	2293409	2301417	0.31	cps
Strontium	88-1	20275912	20002994	20061638	20113515	0.71	cps
Sulfur	34-1	461740	456244	448510	455498	1.46	cps
Terbium	159-1	14145699	14107390	14183014	14145368	0.27	cps
Terbium	159-2	8461217	8531582	8458187	8483662	0.49	cps
Thallium	203-1	3127601	3133464	3121248	3127438	0.20	cps
Thallium	205-1	7537593	7454034	7500004	7497210	0.56	cps
Tin	118-1	6433596	6410865	6425888	6423450	0.18	cps
Titanium	47-1	964386	947665	961544	957865	0.93	cps
Uranium	238-1	27608640	28293173	28145542	28015785	1.29	cps
Vanadium	51-2	406228	409575	410539	408780	0.55	cps
Yttrium	89-1	10565260	10490261	10513544	10523022	0.36	cps
Yttrium	89-2	1912739	1903930	1906996	1907888	0.23	cps
Zinc	66-2	200334	200668	199892	200298	0.19	cps
Zirconium	90-1	13161828	13169716	13119771	13150438	0.20	cps

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:23:02	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2894482	2883682	2875887	2884684	0.32	cps

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:26:27	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	100	83	108	27.73	cps
Antimony	121-1	12915	12089	11255	12086	6.87	cps
Arsenic	75-2	59	85	70	72	18.17	cps
Barium	135-1	150	75	150	125	34.64	cps
Barium	137-1	183	150	158	164	10.58	cps
Beryllium	9-1	78	39	11	43	78.62	cps
Bismuth	209-1	9873871	9771010	9886922	9843934	0.64	cps
Bismuth	209-2	6589071	6568564	6581619	6579751	0.16	cps
Boron	10-1	3559	3326	2750	3212	12.96	cps
Boron	11-1	17527	16343	15442	16437	6.36	cps
Cadmium	111-1	2932	2866	3086	2962	3.82	cps
Cadmium	106-1	4126	4001	4309	4145	3.74	cps
Cadmium	108-1	21	25	25	24	10.20	cps
Calcium	43-1	375	275	375	342	16.90	cps
Calcium	44-1	89588	88734	89638	89320	0.57	cps
Chromium	52-2	2790	2864	2890	2848	1.82	cps
Cobalt	59-2	190	150	250	197	25.59	cps
Copper	63-2	2264	2617	2250	2377	8.75	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	3	0	10	4	114.60	cps
Erbium	164-1	42	75	67	61	28.38	cps
Erbium	164-2	10	30	30	23	49.49	cps
Gadolinium	160-1	217	183	175	192	11.50	cps
Gadolinium	160-2	150	190	160	167	12.49	cps
Holmium	165-1	13774683	13794127	13994201	13854337	0.88	cps
Holmium	165-2	8320598	8204226	8447726	8324183	1.46	cps
Indium	115-1	10973693	10826082	10978126	10925967	0.79	cps
Indium	115-2	2604910	2578522	2577763	2587065	0.60	cps
Iron	56-2	12956	12522	12161	12546	3.17	cps
Iron	57-2	422	472	417	437	7.00	cps
Lead	206-1	2445	2328	2350	2374	2.61	cps
Lead	207-1	2284	2245	1867	2132	10.80	cps
Lead	208-1	10324	9579	9313	9739	5.38	cps
Lithium	6-1	608791	601462	614838	608363	1.10	cps
Magnesium	24-2	567	508	583	553	7.12	cps
Manganese	55-2	160	147	103	137	21.68	cps

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:26:27	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2217	2025	2025	2089	5.30	cps
Molybdenum	95-1	2967	2684	2459	2703	9.43	cps
Molybdenum	96-1	3284	3026	2934	3081	5.89	cps
Molybdenum	97-1	1859	1884	1692	1811	5.75	cps
Molybdenum	98-1	4701	4559	4276	4512	4.80	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	160	133	150	148	9.11	cps
Phosphorus	31-2	550	433	525	503	12.22	cps
Potassium	39-2	48472	48121	48171	48255	0.39	cps
Rhodium	103-1	10428413	10518723	10564708	10503948	0.66	cps
Rhodium	103-2	5739913	5754980	5681085	5725326	0.68	cps
Scandium	45-1	5833928	5880381	5863829	5859379	0.40	cps
Scandium	45-2	335893	338639	337650	337394	0.41	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	89	85	70	81	12.03	cps
Selenium	82-1	-99	2	-12	-36	-150.93	cps
Silicon	28-1	175957	172121	170553	172877	1.61	cps
Silver	109-1	242	267	175	228	20.80	cps
Silver	107-1	317	350	275	314	11.97	cps
Sodium	23-2	76127	75332	72902	74787	2.25	cps
Strontium	86-1	1458	1475	1375	1436	3.73	cps
Strontium	88-1	542	342	525	469	23.64	cps
Sulfur	34-1	440073	436980	432720	436591	0.85	cps
Terbium	159-1	14457030	14581159	14686066	14574752	0.79	cps
Terbium	159-2	8459778	8480579	8469196	8469851	0.12	cps
Thallium	203-1	1742	1792	1909	1814	4.72	cps
Thallium	205-1	5293	4784	4476	4851	8.50	cps
Tin	118-1	4659	4159	4326	4381	5.81	cps
Titanium	47-1	292	192	200	228	24.36	cps
Uranium	238-1	1058	783	733	858	20.39	cps
Vanadium	51-2	37	27	27	30	19.24	cps
Yttrium	89-1	10794229	10733879	10866922	10798343	0.62	cps
Yttrium	89-2	1883050	1881862	1880057	1881656	0.08	cps
Zinc	66-2	240	250	313	268	14.85	cps
Zirconium	90-1	1900	1917	1800	1872	3.37	cps

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:26:27	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	300	383	267	317	18.98	cps

LB Number : LB90415 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-28 13:29:54 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14635021	14463349	14393284	14497218	0.86	cps
Antimony	121-1	22419	22936	23078	22811	1.52	cps
Arsenic	75-2	243	246	228	239	4.10	cps
Barium	135-1	5176	5351	5468	5332	2.76	cps
Barium	137-1	9137	9912	9362	9470	4.21	cps
Beryllium	9-1	372	456	394	407	10.59	cps
Bismuth	209-1	9377339	9332608	8490418	9066789	5.51	cps
Bismuth	209-2	6244869	6256414	6299323	6266869	0.46	cps
Boron	10-1	2417	2167	1825	2136	13.90	cps
Boron	11-1	11513	11046	11380	11313	2.13	cps
Cadmium	111-1	4845	5277	4955	5026	4.47	cps
Cadmium	106-1	3792	3984	3492	3756	6.60	cps
Cadmium	108-1	4022	3863	3742	3876	3.61	cps
Calcium	43-1	3535539	3550938	3603883	3563454	1.01	cps
Calcium	44-1	57894018	57996108	58825520	58238549	0.88	cps
Chromium	52-2	120027	123286	123700	122338	1.64	cps
Cobalt	59-2	10644	10577	10721	10647	0.67	cps
Copper	63-2	57135	57084	57098	57106	0.05	cps
Dysprosium	156-1	67	75	75	72	6.66	cps
Dysprosium	156-2	20	43	40	34	36.64	cps
Erbium	164-1	92	125	150	122	23.95	cps
Erbium	164-2	47	73	77	66	25.08	cps
Gadolinium	160-1	317	300	208	275	21.21	cps
Gadolinium	160-2	193	213	220	209	6.64	cps
Holmium	165-1	14121061	14149526	12614944	13628510	6.44	cps
Holmium	165-2	8341865	8431393	8514750	8429336	1.03	cps
Indium	115-1	10477889	10709364	9738878	10308710	4.92	cps
Indium	115-2	2492560	2520271	2502959	2505263	0.56	cps
Iron	56-2	438100210	435808299	446840154	440249554	1.32	cps
Iron	57-2	10919943	10951404	10990710	10954019	0.32	cps
Lead	206-1	72575	72157	73206	72646	0.73	cps
Lead	207-1	57731	59651	60371	59251	2.30	cps
Lead	208-1	277068	279014	281783	279288	0.85	cps
Lithium	6-1	572890	571126	509275	551097	6.57	cps
Magnesium	24-2	33783479	33707833	33517046	33669452	0.41	cps
Manganese	55-2	23499	24588	23963	24017	2.27	cps

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:29:54	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8166575	8201141	8298559	8222092	0.83	cps
Molybdenum	95-1	14450666	14403253	14670385	14508102	0.98	cps
Molybdenum	96-1	15579391	15772782	15868075	15740083	0.93	cps
Molybdenum	97-1	9078802	9150607	9153312	9127574	0.46	cps
Molybdenum	98-1	23745465	23690046	23840990	23758834	0.32	cps
Neodymium	150-1	67	60	120	82	40.00	cps
Neodymium	150-2	33	33	33	33	0.00	cps
Nickel	60-2	18038	17754	18128	17973	1.09	cps
Phosphorus	31-2	862069	865657	868930	865552	0.40	cps
Potassium	39-2	33320942	33728725	33791180	33613616	0.76	cps
Rhodium	103-1	9919292	9933848	8823923	9559021	6.66	cps
Rhodium	103-2	5453948	5487282	5461277	5467503	0.32	cps
Scandium	45-1	5721511	5749007	5238471	5569663	5.16	cps
Scandium	45-2	332980	334716	334576	334090	0.29	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	102	98	81	94	11.57	cps
Selenium	82-1	27	-8	87	36	134.31	cps
Silicon	28-1	315658	312058	312057	313258	0.66	cps
Silver	109-1	1659	1617	1684	1653	2.04	cps
Silver	107-1	1642	2084	2017	1914	12.44	cps
Sodium	23-2	61457047	61044960	61636187	61379398	0.49	cps
Strontium	86-1	149717	150800	153621	151379	1.33	cps
Strontium	88-1	1305207	1310122	1326375	1313901	0.84	cps
Sulfur	34-1	4539680	4581617	4530924	4550740	0.60	cps
Terbium	159-1	14767469	14805432	13178081	14250327	6.52	cps
Terbium	159-2	8317791	8573894	8505226	8465637	1.57	cps
Thallium	203-1	6527	5643	5418	5863	10.00	cps
Thallium	205-1	15785	14383	11931	14033	13.90	cps
Tin	118-1	7826	4484	4709	5673	32.93	cps
Titanium	47-1	3561939	3573349	3605567	3580285	0.63	cps
Uranium	238-1	1350	1300	1175	1275	7.07	cps
Vanadium	51-2	733	737	803	758	5.21	cps
Yttrium	89-1	10626408	10697966	9661307	10328560	5.61	cps
Yttrium	89-2	1856044	1868271	1872687	1865667	0.46	cps
Zinc	66-2	11421	11621	11531	11525	0.87	cps
Zirconium	90-1	5543	4893	4651	5029	9.17	cps

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:29:54	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1183	1067	992	1081	8.94	cps

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:33:16	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14272765	14061270	14225326	14186454	0.78	cps
Antimony	121-1	331842	334901	338775	335173	1.04	cps
Arsenic	75-2	12283	12502	12389	12391	0.88	cps
Barium	135-1	77098	78270	78548	77972	0.99	cps
Barium	137-1	137171	135926	135396	136164	0.67	cps
Beryllium	9-1	27937	27954	28611	28167	1.36	cps
Bismuth	209-1	9399533	9634322	9613163	9549006	1.36	cps
Bismuth	209-2	6215283	6206665	6232016	6217988	0.21	cps
Boron	10-1	11188	11547	12055	11597	3.76	cps
Boron	11-1	59476	58163	60647	59429	2.09	cps
Cadmium	111-1	82281	84594	85642	84172	2.04	cps
Cadmium	106-1	14216	14883	15693	14931	4.95	cps
Cadmium	108-1	10467	10366	10625	10486	1.24	cps
Calcium	43-1	3557271	3592147	3618862	3589427	0.86	cps
Calcium	44-1	58279630	58806060	59360928	58815540	0.92	cps
Chromium	52-2	223338	219756	221894	221663	0.81	cps
Cobalt	59-2	181804	180448	183178	181810	0.75	cps
Copper	63-2	185047	183725	187414	185395	1.01	cps
Dysprosium	156-1	50	92	75	72	29.04	cps
Dysprosium	156-2	47	40	23	37	32.79	cps
Erbium	164-1	108	125	108	114	8.45	cps
Erbium	164-2	53	67	37	52	28.78	cps
Gadolinium	160-1	233	250	217	233	7.14	cps
Gadolinium	160-2	150	197	183	177	13.61	cps
Holmium	165-1	14382956	14682384	14581698	14549012	1.05	cps
Holmium	165-2	8442473	8327043	8376244	8381920	0.69	cps
Indium	115-1	10786657	10904788	10827334	10839593	0.55	cps
Indium	115-2	2468845	2480337	2483006	2477396	0.30	cps
Iron	56-2	440482599	439046932	441105343	440211625	0.24	cps
Iron	57-2	10987783	10855779	11012164	10951909	0.77	cps
Lead	206-1	326940	328928	330112	328660	0.49	cps
Lead	207-1	271891	277676	278804	276124	1.34	cps
Lead	208-1	1269126	1291070	1291073	1283756	0.99	cps
Lithium	6-1	544733	550975	546794	547501	0.58	cps
Magnesium	24-2	33292846	32744243	33148315	33061801	0.86	cps
Manganese	55-2	82181	83468	82627	82759	0.79	cps

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:33:16	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	9087194	9051860	9126395	9088483	0.41	cps
Molybdenum	95-1	14972495	15200982	15082209	15085229	0.76	cps
Molybdenum	96-1	16231252	16564574	16550194	16448673	1.15	cps
Molybdenum	97-1	9392764	9462302	9526430	9460498	0.71	cps
Molybdenum	98-1	24502301	24956765	24768172	24742413	0.92	cps
Neodymium	150-1	107	53	53	71	43.30	cps
Neodymium	150-2	37	37	27	33	17.32	cps
Nickel	60-2	64833	63068	64571	64157	1.48	cps
Phosphorus	31-2	859166	844714	849881	851254	0.86	cps
Potassium	39-2	33372454	33295441	33351673	33339856	0.12	cps
Rhodium	103-1	10034177	10143197	10179630	10119001	0.75	cps
Rhodium	103-2	5464131	5451136	5514831	5476699	0.61	cps
Scandium	45-1	5847036	5873867	5798727	5839877	0.65	cps
Scandium	45-2	335994	332167	332966	333709	0.60	cps
Selenium	77-2	243	243	247	244	0.79	cps
Selenium	78-2	952	935	954	947	1.08	cps
Selenium	82-1	4689	4773	4669	4710	1.16	cps
Silicon	28-1	710421	714019	717335	713925	0.48	cps
Silver	109-1	348171	357522	356147	353946	1.43	cps
Silver	107-1	364324	370163	373156	369215	1.22	cps
Sodium	23-2	61200474	60692516	60939176	60944056	0.42	cps
Strontium	86-1	409214	410747	409372	409778	0.21	cps
Strontium	88-1	3532074	3563757	3559398	3551743	0.48	cps
Sulfur	34-1	4433109	4470982	4519240	4474444	0.96	cps
Terbium	159-1	14907450	15037670	14944119	14963079	0.45	cps
Terbium	159-2	8420667	8501998	8332642	8418436	1.01	cps
Thallium	203-1	316493	322603	323395	320830	1.18	cps
Thallium	205-1	765827	773755	778154	772579	0.81	cps
Tin	118-1	689191	693337	686644	689724	0.49	cps
Titanium	47-1	3682912	3714406	3714754	3704024	0.49	cps
Uranium	238-1	2936015	2988633	2995085	2973244	1.09	cps
Vanadium	51-2	79774	80297	80589	80220	0.51	cps
Yttrium	89-1	10908679	10973374	10956417	10946157	0.31	cps
Yttrium	89-2	1849845	1835072	1862575	1849164	0.74	cps
Zinc	66-2	29881	29951	30258	30030	0.67	cps
Zirconium	90-1	1427263	1450704	1449751	1442573	0.92	cps

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:33:16	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	315772	321599	324283	320551	1.36	cps

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:37:44	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7837629	7812402	7891854	7847295	0.52	cps
Antimony	121-1	7616575	7606193	7535130	7585966	0.58	cps
Arsenic	75-2	296560	299020	299071	298217	0.48	cps
Barium	135-1	8913456	8853511	8807208	8858058	0.60	cps
Barium	137-1	15673377	15504465	15386003	15521282	0.93	cps
Beryllium	9-1	631941	627193	626779	628638	0.46	cps
Bismuth	209-1	9270467	9323510	9242967	9278982	0.44	cps
Bismuth	209-2	6096745	6087043	6071918	6085235	0.21	cps
Boron	10-1	83774	84042	85073	84296	0.81	cps
Boron	11-1	439058	435604	437283	437315	0.39	cps
Cadmium	111-1	1852980	1847870	1832500	1844450	0.58	cps
Cadmium	106-1	210017	206796	205166	207326	1.19	cps
Cadmium	108-1	139684	141110	140690	140495	0.52	cps
Calcium	43-1	8827989	8942308	8852049	8874115	0.68	cps
Calcium	44-1	143864241	145643207	143857691	144455046	0.71	cps
Chromium	52-2	2472582	2485741	2476792	2478371	0.27	cps
Cobalt	59-2	3996130	4025064	4038612	4019936	0.54	cps
Copper	63-2	6087926	6098710	6160283	6115640	0.64	cps
Dysprosium	156-1	167	217	233	206	16.88	cps
Dysprosium	156-2	83	107	117	102	16.73	cps
Erbium	164-1	150	108	175	144	23.32	cps
Erbium	164-2	53	47	77	59	26.75	cps
Gadolinium	160-1	292	308	258	286	8.90	cps
Gadolinium	160-2	200	253	213	222	12.49	cps
Holmium	165-1	14695572	14522948	14568678	14595733	0.61	cps
Holmium	165-2	8385989	8369264	8340313	8365189	0.28	cps
Indium	115-1	10666348	10572843	10617640	10618943	0.44	cps
Indium	115-2	2431221	2443058	2444519	2439599	0.30	cps
Iron	56-2	539945612	546871357	545945534	544254168	0.69	cps
Iron	57-2	13421383	13466694	13559653	13482577	0.52	cps
Lead	206-1	5924600	5920731	5857627	5900986	0.64	cps
Lead	207-1	5368049	5409952	5321356	5366452	0.83	cps
Lead	208-1	24270718	24394826	23970863	24212136	0.90	cps
Lithium	6-1	508410	503101	496630	502714	1.17	cps
Magnesium	24-2	85696119	84616773	86133894	85482262	0.91	cps
Manganese	55-2	2869490	2900574	2888584	2886216	0.54	cps

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:37:44	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	15421521	15549124	15549739	15506795	0.48	cps
Molybdenum	95-1	18936572	18897832	19073106	18969170	0.49	cps
Molybdenum	96-1	21256469	21195953	21213327	21221916	0.15	cps
Molybdenum	97-1	11886782	11897513	11696073	11826790	0.96	cps
Molybdenum	98-1	30921376	30735974	30536967	30731439	0.63	cps
Neodymium	150-1	733	733	600	689	11.17	cps
Neodymium	150-2	73	87	100	87	15.39	cps
Nickel	60-2	1076514	1088086	1087677	1084092	0.61	cps
Phosphorus	31-2	87758	90508	90139	89469	1.67	cps
Potassium	39-2	42841915	43157183	43036725	43011941	0.37	cps
Rhodium	103-1	9822647	9867449	9777565	9822554	0.46	cps
Rhodium	103-2	5367346	5352421	5379271	5366346	0.25	cps
Scandium	45-1	5845882	5858808	5787360	5830683	0.65	cps
Scandium	45-2	341909	346959	341848	343572	0.85	cps
Selenium	77-2	6185	6298	6098	6194	1.62	cps
Selenium	78-2	21232	21052	21088	21124	0.45	cps
Selenium	82-1	111924	111213	110668	111268	0.57	cps
Silicon	28-1	3929671	3949086	3992347	3957034	0.81	cps
Silver	109-1	8648756	8698507	8577694	8641652	0.70	cps
Silver	107-1	9125483	9148333	9040373	9104730	0.62	cps
Sodium	23-2	153578633	153064820	152688574	153110676	0.29	cps
Strontium	86-1	2329446	2313897	2288603	2310648	0.89	cps
Strontium	88-1	20595568	20288667	20384833	20423023	0.77	cps
Sulfur	34-1	985097	988228	980788	984705	0.38	cps
Terbium	159-1	14978366	15008498	14738341	14908402	0.99	cps
Terbium	159-2	8395609	8543385	8519690	8486228	0.94	cps
Thallium	203-1	7458964	7399802	7331678	7396815	0.86	cps
Thallium	205-1	17686940	17548189	17314574	17516568	1.07	cps
Tin	118-1	6253295	6261095	6283414	6265935	0.25	cps
Titanium	47-1	908245	920927	913063	914078	0.70	cps
Uranium	238-1	27279521	27092878	26651008	27007803	1.20	cps
Vanadium	51-2	1974646	1990282	1967640	1977523	0.59	cps
Yttrium	89-1	10994176	10929780	10880802	10934919	0.52	cps
Yttrium	89-2	1876776	1881488	1874891	1877718	0.18	cps
Zinc	66-2	897134	899119	896595	897616	0.15	cps
Zirconium	90-1	13213917	13211328	13076827	13167357	0.60	cps

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:37:44	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2885914	2887039	2884849	2885934	0.04	cps

LB Number : LB90415 Operator : Jaswal
 Lab Sample ID : CCB07 Instrumnet Name : P7
 Client Sample ID : CCB07 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-28 13:41:07 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167	100	125	131	25.80	cps
Antimony	121-1	23212	20783	19247	21081	9.48	cps
Arsenic	75-2	78	109	85	91	18.14	cps
Barium	135-1	142	158	75	125	35.28	cps
Barium	137-1	258	150	200	203	26.74	cps
Beryllium	9-1	39	33	39	37	8.67	cps
Bismuth	209-1	10276605	10207555	10318656	10267605	0.55	cps
Bismuth	209-2	6738393	6692072	6686761	6705742	0.42	cps
Boron	10-1	2567	2759	2092	2473	13.88	cps
Boron	11-1	13648	12272	11972	12631	7.08	cps
Cadmium	111-1	2939	2914	2718	2857	4.25	cps
Cadmium	106-1	4017	4026	3751	3931	3.98	cps
Cadmium	108-1	33	29	29	31	7.86	cps
Calcium	43-1	467	458	483	469	2.71	cps
Calcium	44-1	104166	101473	101539	102393	1.50	cps
Chromium	52-2	3167	3004	3044	3071	2.77	cps
Cobalt	59-2	217	173	177	189	12.77	cps
Copper	63-2	3634	3667	3450	3584	3.26	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	17	25	58	33	66.14	cps
Erbium	164-2	27	37	40	34	20.14	cps
Gadolinium	160-1	250	167	175	197	23.27	cps
Gadolinium	160-2	140	157	163	153	7.84	cps
Holmium	165-1	14687668	14750641	14758522	14732277	0.26	cps
Holmium	165-2	8742360	8492879	8621072	8618770	1.45	cps
Indium	115-1	11655489	11554124	11661620	11623744	0.52	cps
Indium	115-2	2603928	2606117	2618544	2609530	0.30	cps
Iron	56-2	15353	15197	15414	15321	0.73	cps
Iron	57-2	506	533	467	502	6.67	cps
Lead	206-1	5062	5007	4745	4938	3.43	cps
Lead	207-1	4762	4540	4312	4538	4.96	cps
Lead	208-1	21274	20485	20162	20640	2.77	cps
Lithium	6-1	574421	569150	563733	569101	0.94	cps
Magnesium	24-2	708	500	608	606	17.21	cps
Manganese	55-2	130	107	140	126	13.62	cps

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P7
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:41:07	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6985	6785	6327	6699	5.04	cps
Molybdenum	95-1	10354	8870	8995	9406	8.75	cps
Molybdenum	96-1	11563	10321	9404	10429	10.39	cps
Molybdenum	97-1	6393	5935	5310	5879	9.25	cps
Molybdenum	98-1	16786	15209	13799	15265	9.79	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	160	123	133	139	13.64	cps
Phosphorus	31-2	525	583	617	575	8.07	cps
Potassium	39-2	60566	59520	58248	59445	1.95	cps
Rhodium	103-1	11079448	11001961	11006062	11029157	0.40	cps
Rhodium	103-2	6104362	6047726	6055442	6069177	0.51	cps
Scandium	45-1	6056588	6013552	6019800	6029980	0.39	cps
Scandium	45-2	348225	344890	345900	346338	0.49	cps
Selenium	77-2	10	0	7	6	91.64	cps
Selenium	78-2	93	78	87	86	8.72	cps
Selenium	82-1	79	111	-53	46	191.32	cps
Silicon	28-1	181370	169526	172794	174563	3.50	cps
Silver	109-1	758	808	750	772	4.09	cps
Silver	107-1	617	708	825	717	14.57	cps
Sodium	23-2	92108	90162	89507	90592	1.49	cps
Strontium	86-1	1542	1400	1358	1433	6.71	cps
Strontium	88-1	342	475	367	394	17.97	cps
Sulfur	34-1	445872	446624	447836	446777	0.22	cps
Terbium	159-1	15268357	15336752	15496713	15367274	0.76	cps
Terbium	159-2	8716162	8725270	8608308	8683247	0.75	cps
Thallium	203-1	4159	3942	3967	4023	2.95	cps
Thallium	205-1	10588	9279	8553	9473	10.89	cps
Tin	118-1	4968	4926	4551	4815	4.77	cps
Titanium	47-1	267	225	308	267	15.63	cps
Uranium	238-1	650	675	542	622	11.39	cps
Vanadium	51-2	23	37	40	33	26.47	cps
Yttrium	89-1	11467513	11455660	11440510	11454561	0.12	cps
Yttrium	89-2	1922586	1918057	1923001	1921214	0.14	cps
Zinc	66-2	270	293	290	284	4.44	cps
Zirconium	90-1	3926	3584	3451	3653	6.71	cps

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P7
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:41:07	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	942	842	767	850	10.33	cps

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:44:32	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2967	3134	2900	3000	4.01	cps
Antimony	121-1	36515	35956	35245	35905	1.77	cps
Arsenic	75-2	641	685	652	659	3.51	cps
Barium	135-1	33533	33424	33324	33427	0.31	cps
Barium	137-1	59269	60926	58483	59559	2.09	cps
Beryllium	9-1	1311	1228	1350	1296	4.82	cps
Bismuth	209-1	10342588	10336377	10196540	10291835	0.80	cps
Bismuth	209-2	6695193	6718087	6722881	6712054	0.22	cps
Boron	10-1	5743	5593	4943	5426	7.84	cps
Boron	11-1	28052	28110	27442	27868	1.33	cps
Cadmium	111-1	7147	7039	7087	7091	0.76	cps
Cadmium	106-1	4901	4401	4593	4632	5.45	cps
Cadmium	108-1	329	346	321	332	3.84	cps
Calcium	43-1	17611	17160	17978	17583	2.33	cps
Calcium	44-1	370842	369337	371479	370553	0.30	cps
Chromium	52-2	13346	13693	13290	13443	1.63	cps
Cobalt	59-2	8873	8669	8849	8797	1.27	cps
Copper	63-2	15348	15749	15755	15617	1.49	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	92	75	58	75	22.22	cps
Erbium	164-2	50	53	37	47	18.89	cps
Gadolinium	160-1	142	200	192	178	17.75	cps
Gadolinium	160-2	117	140	173	143	19.87	cps
Holmium	165-1	14899689	14930141	14911884	14913905	0.10	cps
Holmium	165-2	8628241	8607574	8575964	8603927	0.31	cps
Indium	115-1	11686559	11774002	11548279	11669614	0.98	cps
Indium	115-2	2616149	2641331	2626799	2628093	0.48	cps
Iron	56-2	225579	225890	229092	226854	0.86	cps
Iron	57-2	6057	5957	6024	6013	0.85	cps
Lead	206-1	15676	15994	15810	15826	1.01	cps
Lead	207-1	14108	14214	14458	14260	1.26	cps
Lead	208-1	64831	65755	64613	65066	0.93	cps
Lithium	6-1	541001	543882	538366	541083	0.51	cps
Magnesium	24-2	160451	161166	160435	160684	0.26	cps
Manganese	55-2	3044	3027	2944	3005	1.78	cps

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:44:32	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	33098	32271	31778	32382	2.06	cps
Molybdenum	95-1	37383	38118	36890	37464	1.65	cps
Molybdenum	96-1	41277	41880	41236	41464	0.87	cps
Molybdenum	97-1	23036	24505	23804	23782	3.09	cps
Molybdenum	98-1	61710	61224	60546	61160	0.96	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	2490	2537	2614	2547	2.45	cps
Phosphorus	31-2	517	542	533	531	2.40	cps
Potassium	39-2	212949	213881	212432	213087	0.34	cps
Rhodium	103-1	11080746	11116338	11044883	11080655	0.32	cps
Rhodium	103-2	6084207	6093319	6056097	6077874	0.32	cps
Scandium	45-1	6120508	6043190	6074104	6079267	0.64	cps
Scandium	45-2	345074	347695	344302	345691	0.51	cps
Selenium	77-2	70	67	67	68	2.84	cps
Selenium	78-2	296	252	309	286	10.53	cps
Selenium	82-1	1227	1109	1220	1185	5.58	cps
Silicon	28-1	250447	250929	247339	249572	0.78	cps
Silver	109-1	18963	19431	18838	19077	1.64	cps
Silver	107-1	19698	19789	19522	19670	0.69	cps
Sodium	23-2	368604	369008	370560	369390	0.28	cps
Strontium	86-1	5693	5393	5368	5485	3.30	cps
Strontium	88-1	39698	38110	38419	38742	2.17	cps
Sulfur	34-1	440017	437520	438770	438769	0.28	cps
Terbium	159-1	15473174	15432423	15274013	15393203	0.68	cps
Terbium	159-2	8742917	8780976	8647373	8723755	0.79	cps
Thallium	203-1	16536	17028	16478	16681	1.81	cps
Thallium	205-1	39785	39994	40396	40059	0.77	cps
Tin	118-1	62239	62088	60196	61508	1.85	cps
Titanium	47-1	8870	9045	9045	8986	1.13	cps
Uranium	238-1	48375	47998	48391	48254	0.46	cps
Vanadium	51-2	19443	18715	19036	19065	1.91	cps
Yttrium	89-1	11424938	11558296	11311890	11431708	1.08	cps
Yttrium	89-2	1926181	1916559	1932544	1925095	0.42	cps
Zinc	66-2	2180	2244	2174	2199	1.76	cps
Zirconium	90-1	29415	29882	28605	29300	2.21	cps

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 13:44:32	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	6819	6443	6752	6671	3.00	cps

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	PBW	Instrumnet Name :	P7
Client Sample ID :	PBW	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 14:00:30	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	75	75	81	11.95	cps
Antimony	121-1	1642	1559	1717	1639	4.83	cps
Arsenic	75-2	26	28	26	27	4.02	cps
Barium	135-1	58	17	50	42	52.91	cps
Barium	137-1	67	58	83	69	18.33	cps
Beryllium	9-1	11	33	17	20	56.76	cps
Bismuth	209-1	10260661	10227911	10365323	10284632	0.70	cps
Bismuth	209-2	6649780	6657709	6675111	6660867	0.19	cps
Boron	10-1	642	633	708	661	6.22	cps
Boron	11-1	3651	3926	4026	3867	5.02	cps
Cadmium	111-1	2887	2657	2665	2736	4.77	cps
Cadmium	106-1	4126	3801	3792	3906	4.87	cps
Cadmium	108-1	25	29	8	21	52.93	cps
Calcium	43-1	350	442	333	375	15.56	cps
Calcium	44-1	80343	82530	81273	81382	1.35	cps
Chromium	52-2	2850	2867	2880	2866	0.52	cps
Cobalt	59-2	173	167	190	177	6.80	cps
Copper	63-2	2217	2214	2240	2224	0.65	cps
Dysprosium	156-1	58	42	8	36	70.51	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	42	50	75	56	31.22	cps
Erbium	164-2	17	30	27	24	28.38	cps
Gadolinium	160-1	117	158	150	142	15.56	cps
Gadolinium	160-2	120	167	147	144	16.21	cps
Holmium	165-1	14583358	14796564	14779536	14719819	0.80	cps
Holmium	165-2	8495296	8485091	8521054	8500481	0.22	cps
Indium	115-1	11526698	11407994	11579950	11504880	0.77	cps
Indium	115-2	2596178	2608499	2604366	2603014	0.24	cps
Iron	56-2	7802	8547	8786	8379	6.12	cps
Iron	57-2	244	278	294	272	9.35	cps
Lead	206-1	1989	1822	1906	1906	4.37	cps
Lead	207-1	1795	1739	2089	1874	10.04	cps
Lead	208-1	7768	7768	8118	7884	2.56	cps
Lithium	6-1	517751	510046	507489	511762	1.04	cps
Magnesium	24-2	158	158	158	158	0.00	cps
Manganese	55-2	120	113	90	108	14.62	cps

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	PBW	Instrumnet Name :	P7
Client Sample ID :	PBW	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 14:00:30	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1092	775	950	939	16.90	cps
Molybdenum	95-1	850	583	825	753	19.56	cps
Molybdenum	96-1	908	783	858	850	7.40	cps
Molybdenum	97-1	417	475	575	489	16.38	cps
Molybdenum	98-1	1050	1267	1167	1161	9.34	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	83	160	143	129	31.29	cps
Phosphorus	31-2	433	525	517	492	10.31	cps
Potassium	39-2	46098	46281	46441	46273	0.37	cps
Rhodium	103-1	11009675	10956079	11036151	11000635	0.37	cps
Rhodium	103-2	6021688	6092963	6095125	6069925	0.69	cps
Scandium	45-1	5952529	5940611	5983321	5958820	0.37	cps
Scandium	45-2	344216	345839	339943	343333	0.89	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	72	74	65	70	6.96	cps
Selenium	82-1	-78	124	40	29	356.04	cps
Silicon	28-1	147042	150980	147986	148669	1.38	cps
Silver	109-1	150	142	150	147	3.27	cps
Silver	107-1	183	267	175	208	24.33	cps
Sodium	23-2	61912	60958	61393	61421	0.78	cps
Strontium	86-1	1442	1500	1584	1508	4.72	cps
Strontium	88-1	192	233	183	203	13.21	cps
Sulfur	34-1	455928	451565	457991	455161	0.72	cps
Terbium	159-1	15098077	15100665	15246648	15148464	0.56	cps
Terbium	159-2	8654796	8624958	8528497	8602750	0.77	cps
Thallium	203-1	950	1175	950	1025	12.67	cps
Thallium	205-1	2209	2500	2034	2248	10.49	cps
Tin	118-1	1525	1458	1675	1553	7.15	cps
Titanium	47-1	100	167	133	133	25.00	cps
Uranium	238-1	92	92	92	92	0.00	cps
Vanadium	51-2	17	17	13	16	12.40	cps
Yttrium	89-1	11279774	11323589	11391043	11331469	0.49	cps
Yttrium	89-2	1898371	1907095	1913250	1906239	0.39	cps
Zinc	66-2	203	220	200	208	5.16	cps
Zirconium	90-1	1267	1350	1458	1358	7.07	cps

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	PBW	Instrumnet Name :	P7
Client Sample ID :	PBW	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 14:00:30	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	183	308	225	239	26.64	cps

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P7
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 14:03:56	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6268	5518	6277	6021	7.24	cps
Antimony	121-1	60122	63586	61092	61600	2.90	cps
Arsenic	75-2	1209	1241	1204	1218	1.64	cps
Barium	135-1	68804	69282	67816	68634	1.09	cps
Barium	137-1	119546	121537	121671	120918	0.98	cps
Beryllium	9-1	2906	2200	2728	2611	14.05	cps
Bismuth	209-1	10350351	10403600	10281634	10345195	0.59	cps
Bismuth	209-2	6617669	6683107	6764458	6688411	1.10	cps
Boron	10-1	8378	8278	8136	8264	1.47	cps
Boron	11-1	42653	43781	44174	43536	1.81	cps
Cadmium	111-1	11065	11323	10437	10942	4.16	cps
Cadmium	106-1	5101	4859	4793	4918	3.30	cps
Cadmium	108-1	625	521	671	606	12.69	cps
Calcium	43-1	35068	35210	34608	34962	0.90	cps
Calcium	44-1	645057	647035	634864	642319	1.02	cps
Chromium	52-2	24053	23960	24577	24197	1.38	cps
Cobalt	59-2	17561	17334	17537	17477	0.71	cps
Copper	63-2	28695	28902	28434	28677	0.82	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	142	158	75	125	35.28	cps
Erbium	164-2	67	97	50	71	33.26	cps
Gadolinium	160-1	133	125	217	158	32.01	cps
Gadolinium	160-2	180	153	193	176	11.60	cps
Holmium	165-1	14870094	14697266	14693416	14753592	0.68	cps
Holmium	165-2	8408528	8476086	8449274	8444630	0.40	cps
Indium	115-1	11599360	11573752	11524560	11565891	0.33	cps
Indium	115-2	2554666	2597158	2620250	2590691	1.28	cps
Iron	56-2	1720893	1728981	1739434	1729769	0.54	cps
Iron	57-2	43220	42941	42997	43052	0.34	cps
Lead	206-1	27501	27329	26583	27138	1.80	cps
Lead	207-1	25080	24929	24918	24976	0.36	cps
Lead	208-1	111880	113667	111626	112391	0.99	cps
Lithium	6-1	524410	523296	511179	519628	1.41	cps
Magnesium	24-2	325740	326501	329835	327358	0.67	cps
Manganese	55-2	6015	6001	6375	6130	3.46	cps

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P7
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 14:03:56	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	61725	60019	59475	60406	1.94	cps
Molybdenum	95-1	72434	73389	72158	72660	0.89	cps
Molybdenum	96-1	80485	80813	79229	80176	1.04	cps
Molybdenum	97-1	44680	44638	44705	44674	0.08	cps
Molybdenum	98-1	115725	118724	115617	116689	1.51	cps
Neodymium	150-1	13	13	0	9	86.60	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	5254	5328	5174	5252	1.46	cps
Phosphorus	31-2	517	625	658	600	12.34	cps
Potassium	39-2	366392	364990	374733	368705	1.43	cps
Rhodium	103-1	11104772	11098552	11055277	11086200	0.24	cps
Rhodium	103-2	5912190	6056470	6118226	6028962	1.75	cps
Scandium	45-1	6015734	6032196	5964778	6004236	0.59	cps
Scandium	45-2	336111	339922	343715	339916	1.12	cps
Selenium	77-2	157	153	147	152	3.35	cps
Selenium	78-2	478	606	504	529	12.77	cps
Selenium	82-1	2467	2354	2333	2385	3.02	cps
Silicon	28-1	344215	344115	349850	346060	0.95	cps
Silver	109-1	37041	37944	36891	37292	1.53	cps
Silver	107-1	39857	40450	39130	39813	1.66	cps
Sodium	23-2	650811	650684	656675	652723	0.52	cps
Strontium	86-1	10487	10513	10463	10488	0.24	cps
Strontium	88-1	76856	79361	78490	78236	1.63	cps
Sulfur	34-1	460983	462849	465724	463185	0.52	cps
Terbium	159-1	15468935	15527726	15253721	15416794	0.94	cps
Terbium	159-2	8564434	8546024	8658424	8589628	0.70	cps
Thallium	203-1	31965	32165	33209	32446	2.06	cps
Thallium	205-1	77995	76329	78323	77549	1.38	cps
Tin	118-1	121043	118480	119371	119631	1.09	cps
Titanium	47-1	18270	17828	17111	17736	3.30	cps
Uranium	238-1	99404	101278	97298	99327	2.00	cps
Vanadium	51-2	38410	38250	39904	38855	2.35	cps
Yttrium	89-1	11238410	11399925	11197315	11278550	0.95	cps
Yttrium	89-2	1891687	1898538	1926777	1905668	0.98	cps
Zinc	66-2	4211	4194	4384	4263	2.47	cps
Zirconium	90-1	50515	51987	50088	50864	1.96	cps

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P7
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 14:03:56	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	11330	11497	10763	11197	3.44	cps

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	I5302-10DLX20	Instrumnet Name :	P7
Client Sample ID :	FA17-LIMW11-PMDL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-28 14:14:31	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	450	600	608	553	16.12	cps
Antimony	121-1	908	1000	1058	989	7.65	cps
Arsenic	75-2	39	39	39	39	0.00	cps
Barium	135-1	22360	22870	23271	22834	2.00	cps
Barium	137-1	40042	39775	40068	39962	0.41	cps
Beryllium	9-1	33	11	22	22	50.00	cps
Bismuth	209-1	10246537	10290530	10200887	10245984	0.44	cps
Bismuth	209-2	6620157	6586340	6670110	6625536	0.64	cps
Boron	10-1	608	608	583	600	2.41	cps
Boron	11-1	2925	2759	2892	2859	3.09	cps
Cadmium	111-1	2590	2533	2864	2662	6.66	cps
Cadmium	106-1	3634	3601	4009	3748	6.05	cps
Cadmium	108-1	17	13	13	14	17.33	cps
Calcium	43-1	263026	260395	263560	262327	0.65	cps
Calcium	44-1	4321571	4303734	4345217	4323507	0.48	cps
Chromium	52-2	2850	3027	3044	2974	3.60	cps
Cobalt	59-2	2980	2984	3090	3018	2.07	cps
Copper	63-2	8062	8259	8476	8266	2.50	cps
Dysprosium	156-1	75	83	92	83	10.00	cps
Dysprosium	156-2	50	33	37	40	22.05	cps
Erbium	164-1	83	117	117	106	18.23	cps
Erbium	164-2	67	57	73	66	12.80	cps
Gadolinium	160-1	225	142	208	192	23.01	cps
Gadolinium	160-2	157	163	220	180	19.33	cps
Holmium	165-1	14831093	14899474	14938362	14889643	0.36	cps
Holmium	165-2	8436822	8515067	8511356	8487748	0.52	cps
Indium	115-1	11639240	11732038	11625665	11665648	0.50	cps
Indium	115-2	2624931	2590241	2600223	2605132	0.69	cps
Iron	56-2	41777	42490	43058	42441	1.51	cps
Iron	57-2	1772	1939	1995	1902	6.08	cps
Lead	206-1	11016	10238	8820	10024	11.11	cps
Lead	207-1	11027	8948	8770	9582	13.10	cps
Lead	208-1	47140	41315	37344	41933	11.75	cps
Lithium	6-1	518885	526144	533884	526304	1.43	cps
Magnesium	24-2	268736	265777	266807	267106	0.56	cps
Manganese	55-2	313845	311320	312118	312428	0.41	cps

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	I5302-10DLX20	Instrumnet Name :	P7
Client Sample ID :	FA17-LIMW11-PMDL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-28 14:14:31	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	700	700	783	728	6.61	cps
Molybdenum	95-1	608	492	633	578	13.09	cps
Molybdenum	96-1	608	600	667	625	5.81	cps
Molybdenum	97-1	392	233	408	344	28.04	cps
Molybdenum	98-1	817	825	800	814	1.56	cps
Neodymium	150-1	47	60	93	67	36.06	cps
Neodymium	150-2	40	33	47	40	16.68	cps
Nickel	60-2	1343	1277	1303	1308	2.57	cps
Phosphorus	31-2	508	517	558	528	5.08	cps
Potassium	39-2	197001	197819	199861	198227	0.74	cps
Rhodium	103-1	10877979	10965569	10968912	10937487	0.47	cps
Rhodium	103-2	6038073	6013812	6022506	6024797	0.20	cps
Scandium	45-1	6031252	5968694	5985474	5995140	0.54	cps
Scandium	45-2	338734	336484	336716	337311	0.37	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	87	83	83	85	2.53	cps
Selenium	82-1	-3	59	-17	13	309.02	cps
Silicon	28-1	1658049	1659615	1663491	1660385	0.17	cps
Silver	109-1	1250	1617	1692	1520	15.56	cps
Silver	107-1	1242	1550	2009	1600	24.11	cps
Sodium	23-2	206823	202144	206165	205044	1.24	cps
Strontium	86-1	191242	192280	191295	191606	0.31	cps
Strontium	88-1	1667938	1653383	1660184	1660502	0.44	cps
Sulfur	34-1	486483	478855	481708	482348	0.80	cps
Terbium	159-1	15314162	15570396	15541291	15475283	0.91	cps
Terbium	159-2	8613401	8593807	8627609	8611606	0.20	cps
Thallium	203-1	2367	2584	2267	2406	6.73	cps
Thallium	205-1	5810	5868	5518	5732	3.27	cps
Tin	118-1	1317	1550	1467	1445	8.19	cps
Titanium	47-1	208	208	250	222	10.83	cps
Uranium	238-1	1934	2334	2267	2178	9.84	cps
Vanadium	51-2	113	133	90	112	19.33	cps
Yttrium	89-1	11267325	11296981	11425312	11329873	0.74	cps
Yttrium	89-2	1886075	1874368	1887275	1882572	0.38	cps
Zinc	66-2	920	937	913	923	1.30	cps
Zirconium	90-1	1150	1250	1292	1231	5.92	cps

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	I5302-10DLX20	Instrumnet Name :	P7
Client Sample ID :	FA17-LIMW11-PMDL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-28 14:14:31	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	275	300	275	283	5.09	cps

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	I5302-20DLX20	Instrumnet Name :	P7
Client Sample ID :	FA17-LIMW11-PMDL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-28 14:17:56	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	342	450	375	389	14.27	cps
Antimony	121-1	733	725	958	806	16.43	cps
Arsenic	75-2	22	50	33	35	39.74	cps
Barium	135-1	21701	21809	21885	21798	0.42	cps
Barium	137-1	38354	39206	38922	38828	1.12	cps
Beryllium	9-1	28	33	33	31	10.18	cps
Bismuth	209-1	10502665	10588177	10617008	10569283	0.56	cps
Bismuth	209-2	6695819	6704530	6757904	6719418	0.50	cps
Boron	10-1	458	483	575	506	12.15	cps
Boron	11-1	2725	2742	2684	2717	1.11	cps
Cadmium	111-1	2657	2635	2859	2717	4.55	cps
Cadmium	106-1	3751	3692	3976	3806	3.93	cps
Cadmium	108-1	21	17	4	14	62.43	cps
Calcium	43-1	275948	272297	277762	275336	1.01	cps
Calcium	44-1	4510253	4495685	4507882	4504606	0.17	cps
Chromium	52-2	2734	2814	2877	2808	2.56	cps
Cobalt	59-2	1963	1977	1893	1945	2.30	cps
Copper	63-2	9467	9370	9817	9551	2.46	cps
Dysprosium	156-1	42	75	58	58	28.57	cps
Dysprosium	156-2	17	13	17	16	12.40	cps
Erbium	164-1	75	50	67	64	19.92	cps
Erbium	164-2	20	40	60	40	50.00	cps
Gadolinium	160-1	167	217	217	200	14.44	cps
Gadolinium	160-2	170	177	177	174	2.21	cps
Holmium	165-1	15037964	15097448	15341153	15158855	1.06	cps
Holmium	165-2	8585334	8529752	8674815	8596634	0.85	cps
Indium	115-1	11866330	11948559	11976590	11930493	0.48	cps
Indium	115-2	2602381	2611316	2611515	2608404	0.20	cps
Iron	56-2	10048	10465	10593	10369	2.75	cps
Iron	57-2	889	1050	961	967	8.35	cps
Lead	206-1	6040	5485	5040	5522	9.08	cps
Lead	207-1	5874	5012	4679	5188	11.88	cps
Lead	208-1	25605	22836	21068	23170	9.87	cps
Lithium	6-1	554320	554936	556804	555353	0.23	cps
Magnesium	24-2	231023	232640	229608	231090	0.66	cps
Manganese	55-2	321648	325992	327770	325137	0.97	cps

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	I5302-20DLX20	Instrumnet Name :	P7
Client Sample ID :	FA17-LIMW11-PMDL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-28 14:17:56	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	750	800	733	761	4.56	cps
Molybdenum	95-1	600	442	408	483	21.19	cps
Molybdenum	96-1	533	692	567	597	13.98	cps
Molybdenum	97-1	225	367	333	308	24.02	cps
Molybdenum	98-1	642	825	800	756	13.16	cps
Neodymium	150-1	40	27	27	31	24.74	cps
Neodymium	150-2	33	30	10	24	51.62	cps
Nickel	60-2	1200	1343	1247	1263	5.79	cps
Phosphorus	31-2	483	558	458	500	10.41	cps
Potassium	39-2	203494	207514	206761	205923	1.04	cps
Rhodium	103-1	11157319	11103411	11170391	11143707	0.32	cps
Rhodium	103-2	6065481	6077992	6046178	6063217	0.26	cps
Scandium	45-1	5944884	5954956	6003445	5967762	0.52	cps
Scandium	45-2	336826	337851	335484	336720	0.35	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	80	72	70	74	6.62	cps
Selenium	82-1	-3	-146	61	-29	-363.01	cps
Silicon	28-1	1574149	1593446	1596126	1587907	0.76	cps
Silver	109-1	2050	2292	2667	2336	13.30	cps
Silver	107-1	2242	2617	2575	2478	8.30	cps
Sodium	23-2	199187	200807	201510	200502	0.59	cps
Strontium	86-1	184082	187080	186774	185979	0.89	cps
Strontium	88-1	1585130	1618998	1601566	1601898	1.06	cps
Sulfur	34-1	479550	485144	488127	484274	0.90	cps
Terbium	159-1	15672559	15852254	15738957	15754590	0.58	cps
Terbium	159-2	8711428	8812628	8752807	8758955	0.58	cps
Thallium	203-1	1508	1450	1267	1408	8.95	cps
Thallium	205-1	3292	3517	3426	3412	3.32	cps
Tin	118-1	3917	3751	4384	4017	8.17	cps
Titanium	47-1	242	233	242	239	2.01	cps
Uranium	238-1	1642	1884	1942	1822	8.73	cps
Vanadium	51-2	83	120	90	98	19.98	cps
Yttrium	89-1	11358292	11578753	11440029	11459025	0.97	cps
Yttrium	89-2	1874977	1890100	1882310	1882462	0.40	cps
Zinc	66-2	1050	1057	1043	1050	0.64	cps
Zirconium	90-1	1308	1192	1267	1256	4.71	cps

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	I5302-20DLX20	Instrumnet Name :	P7
Client Sample ID :	FA17-LIMW11-PMDL	Dilution Factor :	20
Date & Time Acquired ::	2017-09-28 14:17:56	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	242	200	408	283	38.91	cps

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P7
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 14:21:23	DataFile Name :	024CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7511524	7476593	7560003	7516040	0.56	cps
Antimony	121-1	7493838	7504436	7563771	7520682	0.50	cps
Arsenic	75-2	291216	291693	292175	291695	0.16	cps
Barium	135-1	8742005	8827147	8795653	8788269	0.49	cps
Barium	137-1	15162543	15330725	15324149	15272472	0.62	cps
Beryllium	9-1	635375	629291	617795	627487	1.42	cps
Bismuth	209-1	9566075	9465576	9494685	9508779	0.54	cps
Bismuth	209-2	6129874	6067532	6151600	6116335	0.71	cps
Boron	10-1	82676	82542	84317	83179	1.19	cps
Boron	11-1	429690	430269	435925	431961	0.80	cps
Cadmium	111-1	1809960	1825578	1822640	1819393	0.46	cps
Cadmium	106-1	203433	201960	205501	203632	0.87	cps
Cadmium	108-1	136882	137290	139760	137978	1.13	cps
Calcium	43-1	8673121	8686171	8580180	8646491	0.67	cps
Calcium	44-1	140573449	139909266	139501253	139994656	0.39	cps
Chromium	52-2	2400307	2404292	2402254	2402284	0.08	cps
Cobalt	59-2	3892536	3933030	3936556	3920707	0.62	cps
Copper	63-2	5966274	5828024	6001000	5931766	1.54	cps
Dysprosium	156-1	183	275	275	244	21.65	cps
Dysprosium	156-2	153	140	120	138	12.18	cps
Erbium	164-1	150	117	117	128	15.06	cps
Erbium	164-2	60	60	37	52	25.79	cps
Gadolinium	160-1	317	300	225	281	17.41	cps
Gadolinium	160-2	227	223	247	232	5.43	cps
Holmium	165-1	14457977	14473118	14493918	14475004	0.12	cps
Holmium	165-2	8309032	8386874	8353955	8349953	0.47	cps
Indium	115-1	10487664	10641316	10670541	10599840	0.93	cps
Indium	115-2	2387241	2389735	2422238	2399738	0.81	cps
Iron	56-2	521063134	527003234	528079734	525382034	0.72	cps
Iron	57-2	12988353	12974073	13064143	13008856	0.37	cps
Lead	206-1	6010378	5977607	6020056	6002680	0.37	cps
Lead	207-1	5480333	5409176	5445004	5444838	0.65	cps
Lead	208-1	24663886	24456888	24552335	24557703	0.42	cps
Lithium	6-1	525931	515695	501369	514332	2.40	cps
Magnesium	24-2	81688816	81354237	82339662	81794239	0.61	cps
Manganese	55-2	2777629	2784494	2797514	2786545	0.36	cps

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P7
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 14:21:23	DataFile Name :	024CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	15211060	15363606	15133024	15235896	0.77	cps
Molybdenum	95-1	18511174	18680646	18764827	18652216	0.69	cps
Molybdenum	96-1	20868320	20935815	20827116	20877083	0.26	cps
Molybdenum	97-1	11752352	11690576	11618647	11687191	0.57	cps
Molybdenum	98-1	30525391	30433968	30707582	30555647	0.46	cps
Neodymium	150-1	533	520	593	549	7.12	cps
Neodymium	150-2	90	100	100	97	5.97	cps
Nickel	60-2	1055085	1060013	1066846	1060648	0.56	cps
Phosphorus	31-2	86593	85922	87129	86548	0.70	cps
Potassium	39-2	41035903	41134289	41354492	41174895	0.40	cps
Rhodium	103-1	9776091	9742191	9768750	9762344	0.18	cps
Rhodium	103-2	5305195	5311460	5339585	5318746	0.34	cps
Scandium	45-1	5705195	5657532	5734956	5699228	0.69	cps
Scandium	45-2	330299	332544	335894	332912	0.85	cps
Selenium	77-2	5751	6051	6125	5976	3.31	cps
Selenium	78-2	20066	20350	20593	20336	1.30	cps
Selenium	82-1	107586	108379	108836	108267	0.58	cps
Silicon	28-1	3770481	3838674	3855662	3821606	1.18	cps
Silver	109-1	8468533	8545166	8440132	8484610	0.64	cps
Silver	107-1	9011937	8967714	9021009	9000220	0.32	cps
Sodium	23-2	146666862	145050595	147733249	146483569	0.92	cps
Strontium	86-1	2241392	2264210	2268288	2257964	0.64	cps
Strontium	88-1	19728438	19947743	19927558	19867913	0.61	cps
Sulfur	34-1	967463	965914	966141	966506	0.09	cps
Terbium	159-1	15002886	14761846	14918729	14894487	0.82	cps
Terbium	159-2	8478052	8383414	8496532	8452666	0.72	cps
Thallium	203-1	7458995	7450884	7450032	7453304	0.07	cps
Thallium	205-1	17848220	17718391	17735916	17767509	0.40	cps
Tin	118-1	5952759	6127066	6000870	6026898	1.49	cps
Titanium	47-1	884305	892604	907496	894802	1.31	cps
Uranium	238-1	27406216	27381544	27413169	27400310	0.06	cps
Vanadium	51-2	1908305	1908111	1919825	1912080	0.35	cps
Yttrium	89-1	10698457	10671534	10612863	10660951	0.41	cps
Yttrium	89-2	1834088	1832973	1848485	1838515	0.47	cps
Zinc	66-2	871236	872651	870410	871432	0.13	cps
Zirconium	90-1	12894053	12978459	12839810	12904107	0.54	cps

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P7
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 14:21:23	DataFile Name :	024CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2803630	2849161	2831907	2828233	0.81	cps

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P7
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 14:24:48	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	225	192	142	186	22.54	cps
Antimony	121-1	23729	21751	19564	21682	9.61	cps
Arsenic	75-2	81	74	83	80	6.15	cps
Barium	135-1	333	283	183	267	28.64	cps
Barium	137-1	458	375	483	439	12.93	cps
Beryllium	9-1	44	78	22	48	58.08	cps
Bismuth	209-1	10392981	10313055	10436644	10380893	0.60	cps
Bismuth	209-2	6722221	6781471	6738955	6747549	0.45	cps
Boron	10-1	1508	1500	1492	1500	0.56	cps
Boron	11-1	8077	7886	7652	7872	2.71	cps
Cadmium	111-1	2911	2575	3057	2848	8.68	cps
Cadmium	106-1	3934	3534	4167	3878	8.26	cps
Cadmium	108-1	25	46	8	26	71.20	cps
Calcium	43-1	692	692	475	619	20.20	cps
Calcium	44-1	92135	91834	90753	91574	0.79	cps
Chromium	52-2	2977	3324	2920	3074	7.11	cps
Cobalt	59-2	217	257	217	230	10.04	cps
Copper	63-2	2987	2784	2860	2877	3.57	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	10	0	0	3	173.21	cps
Erbium	164-1	25	67	33	42	52.92	cps
Erbium	164-2	47	33	27	36	28.64	cps
Gadolinium	160-1	125	108	175	136	25.49	cps
Gadolinium	160-2	147	140	167	151	9.18	cps
Holmium	165-1	14744566	14702234	14827006	14757935	0.43	cps
Holmium	165-2	8566891	8652420	8587415	8602242	0.52	cps
Indium	115-1	11442847	11467019	11418216	11442694	0.21	cps
Indium	115-2	2598365	2612388	2611683	2607479	0.30	cps
Iron	56-2	20632	19497	18668	19599	5.03	cps
Iron	57-2	600	589	600	596	1.08	cps
Lead	206-1	4623	4657	4401	4560	3.05	cps
Lead	207-1	4162	3778	4073	4004	5.01	cps
Lead	208-1	18333	17989	18011	18111	1.06	cps
Lithium	6-1	548863	544972	544762	546199	0.42	cps
Magnesium	24-2	1450	1275	1350	1358	6.46	cps
Manganese	55-2	237	170	217	208	16.47	cps

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P7
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 14:24:48	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7252	6744	6268	6755	7.28	cps
Molybdenum	95-1	10171	9062	8386	9206	9.79	cps
Molybdenum	96-1	11155	9921	9203	10093	9.78	cps
Molybdenum	97-1	6435	5435	4859	5576	14.30	cps
Molybdenum	98-1	15784	14091	14074	14650	6.71	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	130	150	133	138	7.78	cps
Phosphorus	31-2	400	442	583	475	20.23	cps
Potassium	39-2	52209	52385	52101	52232	0.27	cps
Rhodium	103-1	11022664	10847848	10758245	10876252	1.24	cps
Rhodium	103-2	6023462	6110622	6081489	6071858	0.73	cps
Scandium	45-1	5879780	5954247	5884636	5906221	0.71	cps
Scandium	45-2	340608	342222	344260	342363	0.53	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	78	76	91	81	9.90	cps
Selenium	82-1	8	17	89	38	117.59	cps
Silicon	28-1	163914	161809	159264	161663	1.44	cps
Silver	109-1	758	717	800	758	5.50	cps
Silver	107-1	958	775	717	817	15.44	cps
Sodium	23-2	75549	76462	73690	75233	1.88	cps
Strontium	86-1	1433	1492	1308	1411	6.64	cps
Strontium	88-1	733	775	625	711	10.89	cps
Sulfur	34-1	415433	412305	413967	413901	0.38	cps
Terbium	159-1	15303955	15341929	15274526	15306803	0.22	cps
Terbium	159-2	8699234	8851730	8663644	8738203	1.14	cps
Thallium	203-1	4543	3826	3651	4006	11.80	cps
Thallium	205-1	11022	9821	9387	10076	8.40	cps
Tin	118-1	5618	5351	4676	5215	9.31	cps
Titanium	47-1	175	142	175	164	11.74	cps
Uranium	238-1	1250	1142	992	1128	11.50	cps
Vanadium	51-2	47	40	60	49	20.83	cps
Yttrium	89-1	11230201	11095524	11326146	11217290	1.03	cps
Yttrium	89-2	1907614	1908092	1906111	1907272	0.05	cps
Zinc	66-2	297	297	310	301	2.56	cps
Zirconium	90-1	4526	4226	4026	4259	5.91	cps

LB Number :	LB90415	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P7
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2017-09-28 14:24:48	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1050	1150	858	1020	14.54	cps