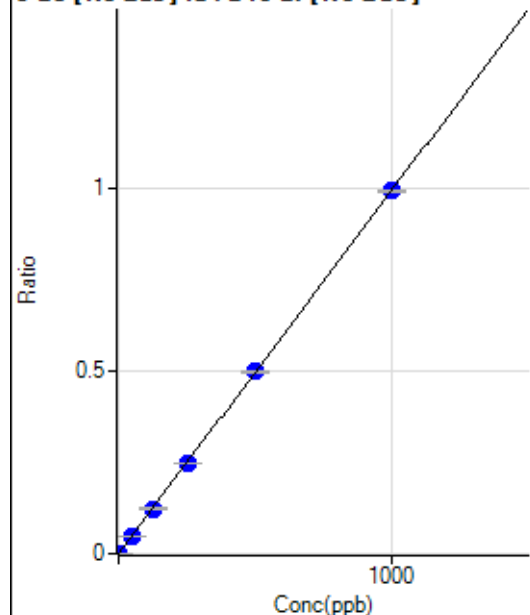


Batch Folder: D:\ICP-MS Data\P7072517.b\
Analysis File: P7072517.batch.bin
DA Date-Time: 2017-07-25 17:18:39
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2017-07-25 13:30:23
2			
3	005CALS.d	S02	2017-07-25 13:38:04
4	006CALS.d	S03	2017-07-25 13:41:53
5	007CALS.d	S04	2017-07-25 13:45:41
6	008CALS.d	S05	2017-07-25 13:49:25
7	009CALS.d	S06	2017-07-25 13:53:06
8	010CALS.d	S07	2017-07-25 13:56:44
9	011CALS.d	S08	2017-07-25 14:00:17

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	120.38	0.0001	P	3.4
2	☐	0.100					
3	☐	1.000	0.946	1220.45	0.0010	P	4.4
4	☐	50.000	50.094	59810.65	0.0499	P	0.5
5	☐	125.000	124.177	148237.77	0.1235	P	0.4
6	☐	250.000	249.383	292750.64	0.2479	P	0.3
7	☐	500.000	501.265	564482.36	0.4982	P	1.0
8	☐	1000.000	999.620	1122203.45	0.9934	P	0.4
9	☐			1253.79	0.0012	P	6.7

$$y = 9.9371\text{E-}004 * x + 1.0303\text{E-}004$$

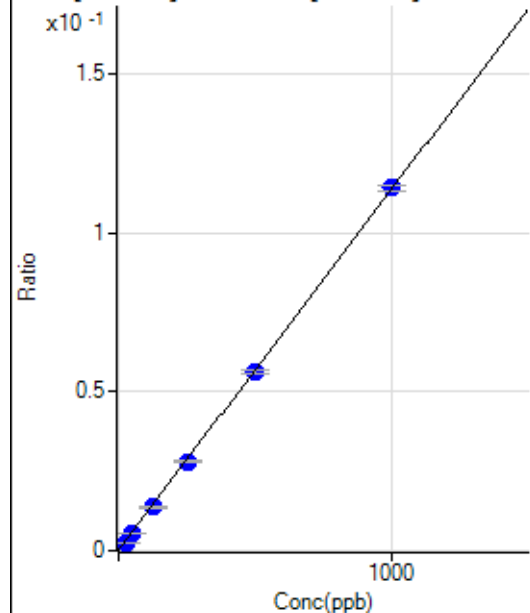
$$R = 1.0000$$

$$DL = 0.01047$$

$$BEC = 0.1037$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	130.56	0.0001	P	21.1
2	☐	2.500					
3	☐	25.000	20.722	2883.72	0.0025	P	2.1
4	☐	50.000	46.220	6423.87	0.0054	P	3.1
5	☐	125.000	119.051	16351.02	0.0136	P	0.7
6	☐	250.000	246.231	33126.02	0.0281	P	3.1
7	☐	500.000	495.570	63843.49	0.0564	P	1.9
8	☐	1000.000	1004.197	128861.14	0.1141	P	1.3
9	☐			7018.60	0.0066	P	7.3

$$y = 1.1348\text{E-}004 * x + 1.1184\text{E-}004$$

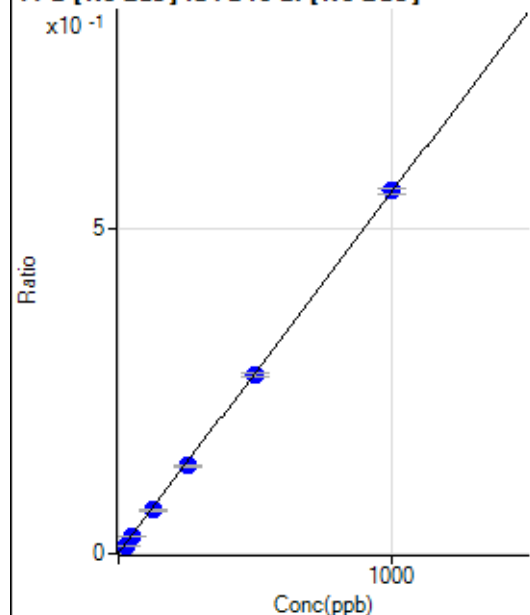
$$R = 1.0000$$

$$DL = 0.6238$$

$$BEC = 0.9855$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	711.16	0.0006	P	5.0
2	☐	2.500					
3	☐	25.000	21.419	14654.92	0.0125	P	1.8
4	☐	50.000	47.561	32443.94	0.0271	P	0.9
5	☐	125.000	119.105	80235.08	0.0668	P	1.9
6	☐	250.000	243.198	160422.81	0.1359	P	2.2
7	☐	500.000	495.854	313099.37	0.2764	P	2.6
8	☐	1000.000	1004.722	631868.05	0.5594	P	1.3
9	☐			34142.42	0.0320	P	4.5

$$y = 5.5612\text{E-}004 * x + 6.0852\text{E-}004$$

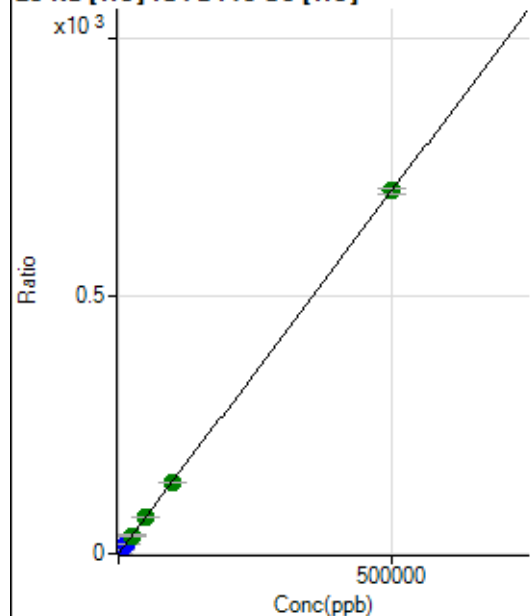
$$R = 1.0000$$

$$DL = 0.1642$$

$$BEC = 1.094$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	10323.38	0.0562	P	4.3
2	☐	50.000					
3	☐	500.000	476.748	132805.22	0.7265	P	0.4
4	☐	5000.000	5155.532	1322613.31	7.3043	P	0.9
5	☐	12500.000	12640.488	3270131.39	17.8273	P	0.4
6	☐	25000.000	25040.353	6156016.76	35.2602	A	2.0
7	☐	50000.000	49845.383	12449520.42	70.1333	A	0.6
8	☐	100000.00	98777.135	25047693.27	138.9258	A	0.8
9	☐	500000.00	500252.97	128509966.7	703.3560	A	1.6

$$y = 0.0014 * x + 0.0562$$

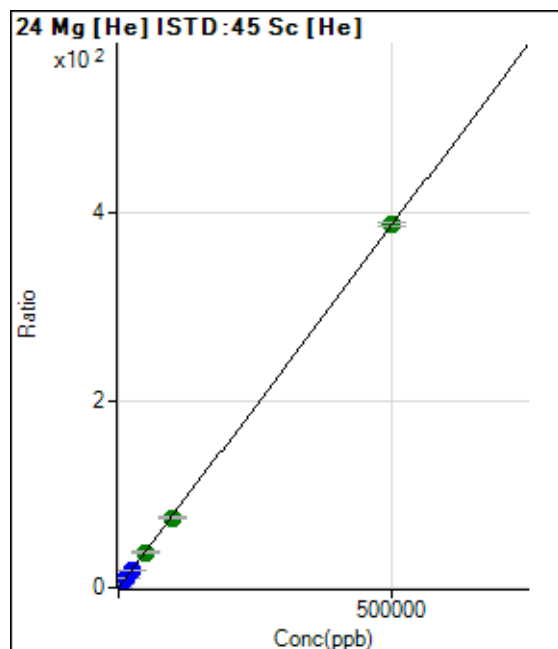
$$R = 1.0000$$

$$DL = 5.109$$

$$BEC = 39.99$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3244.94	0.0177	P	3.1
2	☐	50.000					
3	☐	500.000	441.881	65697.27	0.3594	P	1.0
4	☐	5000.000	5009.630	704662.64	3.8917	P	1.4
5	☐	12500.000	12247.083	1740529.99	9.4886	P	0.4
6	☐	25000.000	24663.258	3333017.61	19.0903	P	1.6
7	☐	50000.000	49048.591	6736381.75	37.9481	A	0.3
8	☐	100000.00	96672.702	13481981.20	74.7769	A	1.0
9	☐	500000.00	500783.72	70764737.00	387.2853	A	1.1

$$y = 7.7332\text{E-}004 * x + 0.0177$$

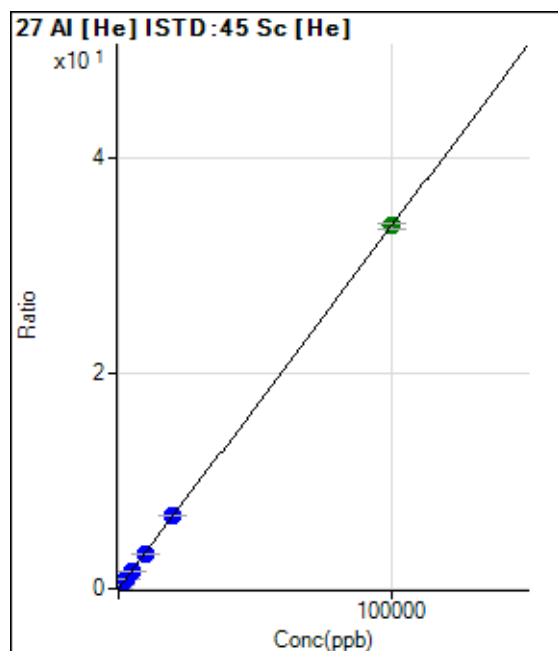
$$R = 1.0000$$

$$DL = 2.146$$

$$BEC = 22.85$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.23	0.0003	P	20.5
2	☐	2.000					
3	☐	20.000	17.792	1144.54	0.0063	P	7.0
4	☐	1000.000	991.733	60645.86	0.3349	P	1.8
5	☐	2500.000	2414.548	149509.47	0.8151	P	0.5
6	☐	5000.000	4858.035	286283.50	1.6396	P	1.4
7	☐	10000.000	9599.854	575125.45	3.2398	P	0.3
8	☐	20000.000	20116.460	1223976.57	6.7887	P	0.9
9	☐	100000.00	100026.04	6167486.77	33.7548	A	1.4

$$y = 3.3746\text{E-}004 * x + 2.5721\text{E-}004$$

$$R = 1.0000$$

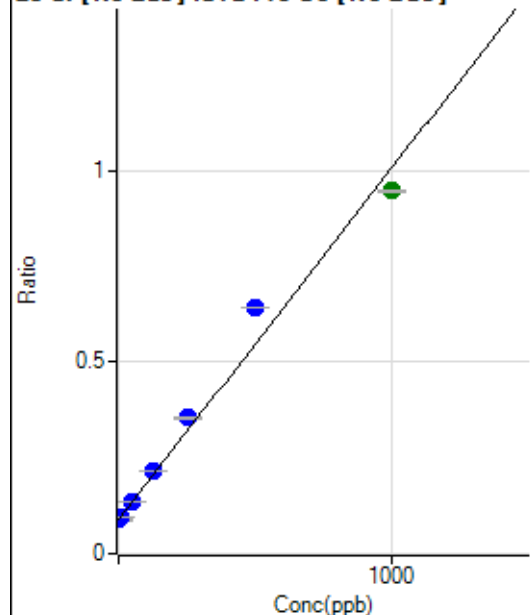
$$DL = 0.4682$$

$$BEC = 0.7622$$

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	396201.93	0.0888	P	2.6
2	☐	1.000					
3	☐	10.000	7.867	426582.70	0.0960	P	0.7
4	☐	50.000	53.622	616081.30	0.1379	P	0.2
5	☐	125.000	139.405	967918.47	0.2166	P	0.3
6	☐	250.000	291.705	1562574.11	0.3563	P	1.4
7	☐	500.000	603.721	2738357.22	0.6425	P	0.4
8	☐	1000.000	935.753	4103148.70	0.9470	A	0.4
9	☐			538263.38	0.1269	P	1.1

$$y = 9.1721\text{E-}004 * x + 0.0888$$

$$R = 0.9903$$

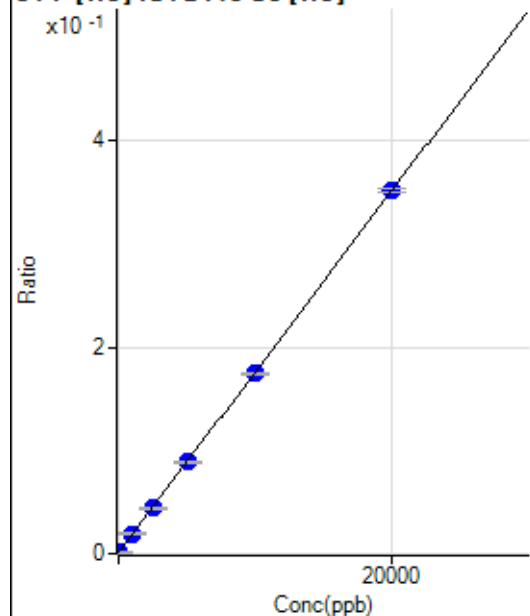
$$DL = 7.557$$

$$BEC = 96.76$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.299	172.23	0.0009	P	13.5
2	☐	0.000					
3	☐	0.000	-0.299	169.45	0.0009	P	7.8
4	☐	1000.000	1055.072	3508.90	0.0194	P	4.3
5	☐	2500.000	2474.611	8108.15	0.0442	P	5.3
6	☐	5000.000	5044.064	15564.19	0.0891	P	2.2
7	☐	10000.000	9940.159	31024.77	0.1748	P	1.2
8	☐	20000.000	20019.325	63287.58	0.3510	P	0.9
9	☐			144.45	0.0008	P	37.1

$$y = 1.7487\text{E-}005 * x + 9.3228\text{E-}004$$

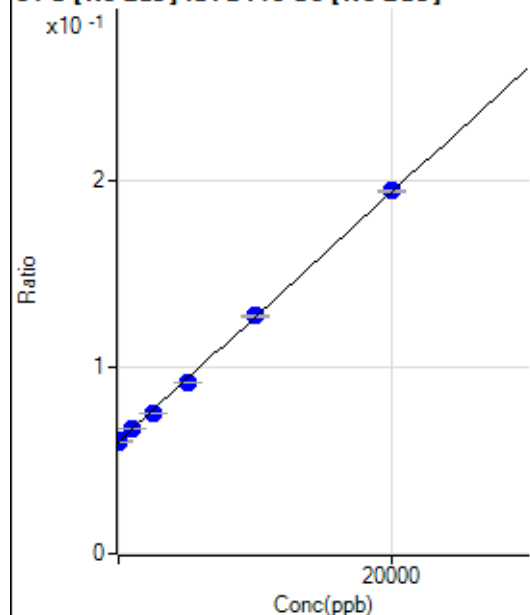
$$R = 1.0000$$

$$DL = 17.02$$

$$BEC = 53.31$$

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	26.608	270035.56	0.0605	P	0.9
2	☐	0.000					
3	☐	0.000	-26.608	267314.67	0.0601	P	0.3
4	☐	1000.000	997.469	299233.34	0.0670	P	0.6
5	☐	2500.000	2217.802	335892.95	0.0752	P	0.2
6	☐	5000.000	4689.045	402312.15	0.0917	P	0.3
7	☐	10000.000	10056.063	544166.06	0.1277	P	0.4
8	☐	20000.000	20085.108	844256.08	0.1949	P	0.4
9	☐			255016.17	0.0601	P	0.6

$$y = 6.6987\text{E-}006 * x + 0.0603$$

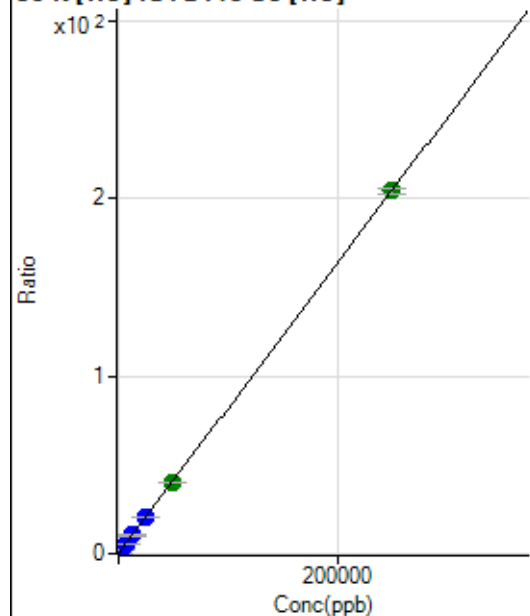
$$R = 0.9998$$

$$DL = 163.8$$

$$BEC = 9004$$

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	29146.29	0.1587	P	2.6
2	☐	50.000					
3	☐	500.000	449.295	96000.85	0.5251	P	0.8
4	☐	2500.000	2507.712	399048.39	2.2039	P	1.4
5	☐	6250.000	6103.676	942212.77	5.1365	P	0.4
6	☐	12500.000	12432.568	1797975.76	10.2980	P	1.5
7	☐	25000.000	25056.023	3655661.41	20.5930	P	0.4
8	☐	50000.000	48939.194	7224715.26	40.0708	A	0.5
9	☐	250000.00	250213.61	37312307.08	204.2187	A	1.7

$$y = 8.1554\text{E-}004 * x + 0.1587$$

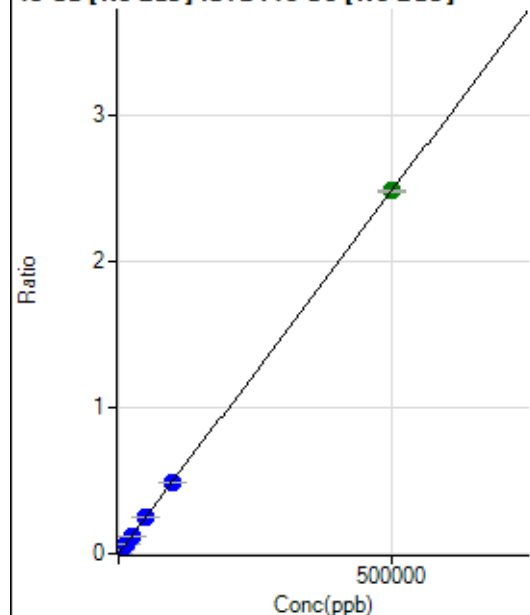
$$R = 1.0000$$

$$DL = 15.05$$

$$BEC = 194.6$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	188.90	0.0000	P	32.2
2	☐	50.000					
3	☐	500.000	443.730	9951.00	0.0022	P	2.3
4	☐	5000.000	4933.176	109257.88	0.0245	P	0.6
5	☐	12500.000	12084.503	267483.29	0.0599	P	0.6
6	☐	25000.000	24368.301	529226.85	0.1207	P	0.6
7	☐	50000.000	49331.885	1040954.93	0.2442	P	0.3
8	☐	100000.00	98406.371	2110705.84	0.4872	P	0.7
9	☐	500000.00	500428.23	10507204.05	2.4772	A	0.3

$$y = 4.9501\text{E-}006 * x + 4.2290\text{E-}005$$

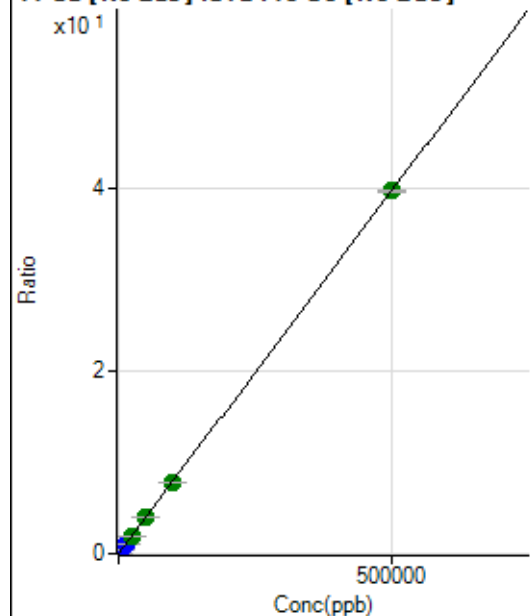
$$R = 1.0000$$

$$DL = 8.253$$

$$BEC = 8.543$$

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	5737.51	0.0013	P	3.4
2	☐	50.000					
3	☐	500.000	440.601	161447.55	0.0363	P	1.5
4	☐	5000.000	4990.709	1778294.37	0.3981	P	0.7
5	☐	12500.000	12424.192	4420410.47	0.9893	P	0.0
6	☐	25000.000	24791.797	8652052.19	1.9727	A	1.1
7	☐	50000.000	49734.298	16861727.98	3.9562	A	0.5
8	☐	100000.00	99091.275	34145977.85	7.8811	A	0.2
9	☐	500000.00	500220.77	168725485.7	39.7791	A	0.3

$$y = 7.9520\text{E-}005 * x + 0.0013$$

$$R = 1.0000$$

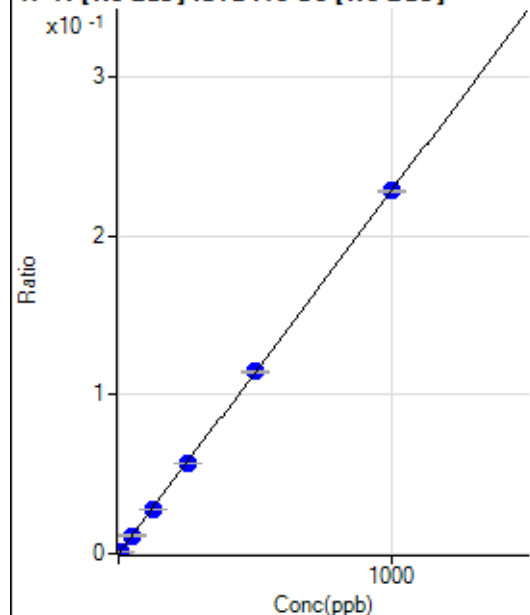
$$DL = 1.632$$

$$BEC = 16.16$$

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	100.01	0.0000	P	14.7
2	☐	0.500					
3	☐	5.000	4.464	4637.05	0.0010	P	2.4
4	☐	50.000	50.058	51223.38	0.0115	P	1.9
5	☐	125.000	121.906	124659.66	0.0279	P	0.6
6	☐	250.000	248.297	249104.56	0.0568	P	1.0
7	☐	500.000	501.980	489329.69	0.1148	P	0.8
8	☐	1000.000	999.822	990652.09	0.2286	P	0.2
9	☐			1972.45	0.0005	P	2.3

$$y = 2.2867E-004 * x + 2.2410E-005$$

$$R = 1.0000$$

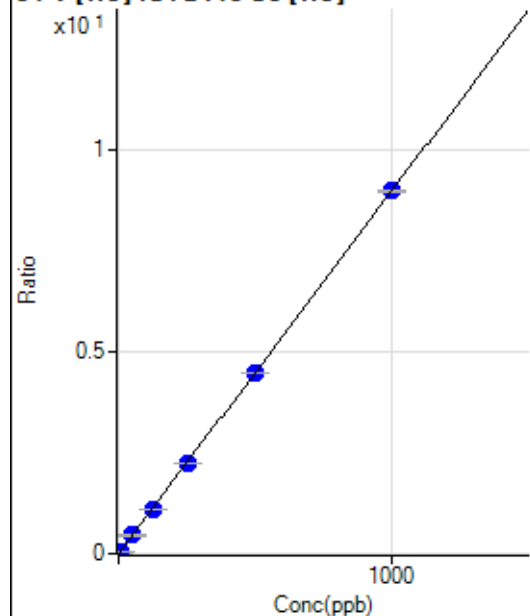
$$DL = 0.04324$$

$$BEC = 0.098$$

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	8.89	0.0000	P	21.3
2	☐	0.500					
3	☐	5.000	4.519	7415.31	0.0406	P	2.8
4	☐	50.000	50.646	82229.77	0.4542	P	1.9
5	☐	125.000	123.613	203317.07	1.1084	P	0.5
6	☐	250.000	249.561	390692.82	2.2377	P	1.4
7	☐	500.000	498.195	792949.15	4.4670	P	0.5
8	☐	1000.000	1001.156	1618454.28	8.9767	P	0.8
9	☐			1028.94	0.0056	P	4.7

$$y = 0.0090 * x + 4.8386E-005$$

$$R = 1.0000$$

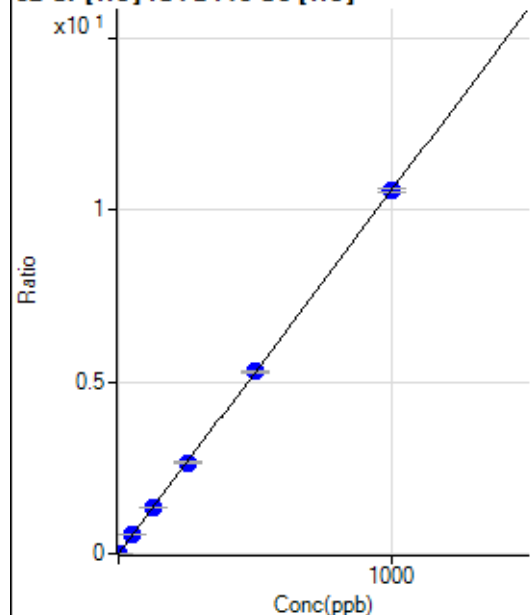
$$DL = 0.003452$$

$$BEC = 0.005396$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	403.34	0.0022	P	8.2
2	☐	0.200					
3	☐	2.000	1.882	4036.18	0.0221	P	2.4
4	☐	50.000	51.284	98493.83	0.5440	P	1.6
5	☐	125.000	125.375	243358.97	1.3267	P	0.4
6	☐	250.000	251.279	463834.16	2.6568	P	1.9
7	☐	500.000	501.522	940886.03	5.3004	P	0.6
8	☐	1000.000	998.809	1902794.38	10.5538	P	0.9
9	☐			57558.65	0.3150	P	1.8

$$y = 0.0106 * x + 0.0022$$

$$R = 1.0000$$

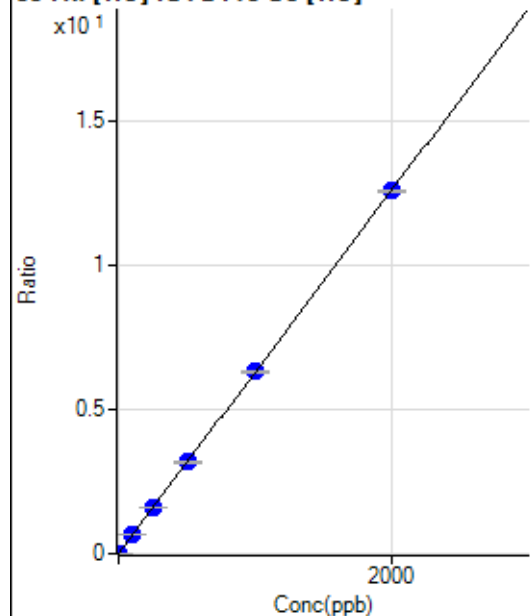
$$DL = 0.05128$$

$$BEC = 0.2079$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	742.25	0.0040	P	6.9
2	☐	0.100					
3	☐	1.000	0.864	1732.35	0.0095	P	6.4
4	☐	100.000	101.854	116746.11	0.6448	P	1.4
5	☐	250.000	249.693	288864.74	1.5747	P	0.6
6	☐	500.000	503.573	553761.92	3.1718	P	1.8
7	☐	1000.000	1001.724	1119309.64	6.3054	P	0.4
8	☐	2000.000	1998.190	2267016.86	12.5737	P	0.6
9	☐			12522.15	0.0685	P	1.9

$$y = 0.0063 * x + 0.0040$$

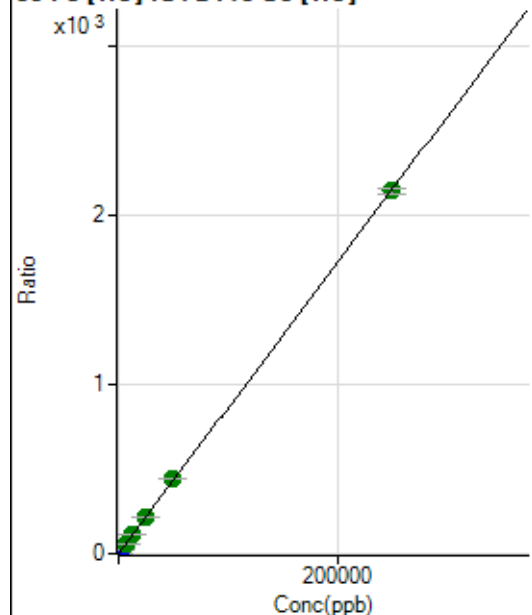
$$R = 1.0000$$

$$DL = 0.1338$$

$$BEC = 0.6424$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6768.40	0.0369	P	1.7
2	☐	5.000					
3	☐	50.000	46.979	80611.13	0.4410	P	0.5
4	☐	2500.000	2694.031	4202695.93	23.2106	P	1.2
5	☐	6250.000	6500.391	10263623.61	55.9524	A	0.3
6	☐	12500.000	13056.443	19614513.63	112.3466	A	1.8
7	☐	25000.000	25701.204	39251277.73	221.1152	A	0.4
8	☐	50000.000	51298.097	79562411.96	441.2962	A	1.0
9	☐	250000.00	249634.23	392328927.2	2,147.357	A	1.9

$$y = 0.0086 * x + 0.0369$$

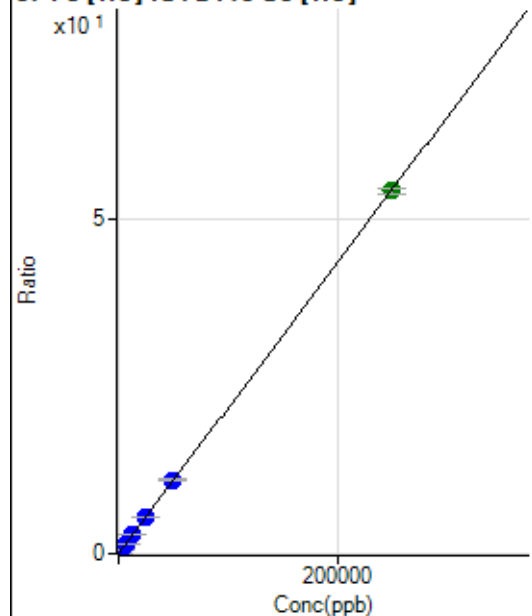
$$R = 1.0000$$

$$DL = 0.2155$$

$$BEC = 4.285$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	301.86	0.0016	P	4.3
2	☐	5.000					
3	☐	50.000	47.993	2203.93	0.0121	P	2.3
4	☐	2500.000	2604.982	102628.48	0.5668	P	1.6
5	☐	6250.000	6373.910	253955.80	1.3845	P	0.6
6	☐	12500.000	12818.877	485838.24	2.7827	P	1.8
7	☐	25000.000	25466.831	981068.22	5.5267	P	0.3
8	☐	50000.000	50854.842	1989479.78	11.0346	P	0.7
9	☐	250000.00	249762.25	9900342.00	54.1874	A	1.7

$$y = 2.1695E-004 * x + 0.0016$$

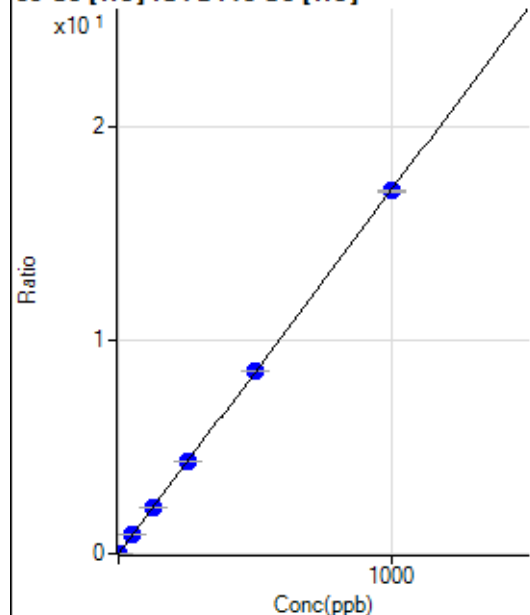
$$R = 1.0000$$

$$DL = 0.9779$$

$$BEC = 7.578$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	135.56	0.0007	P	8.4
2	☐	0.100					
3	☐	1.000	0.929	3029.25	0.0166	P	3.9
4	☐	50.000	52.202	161304.90	0.8909	P	1.3
5	☐	125.000	126.291	395151.99	2.1542	P	0.3
6	☐	250.000	253.969	756204.27	4.3313	P	1.7
7	☐	500.000	502.382	1520777.30	8.5671	P	0.5
8	☐	1000.000	997.545	3066914.99	17.0104	P	0.6
9	☐			5465.56	0.0299	P	1.0

$$y = 0.0171 * x + 7.3809E-004$$

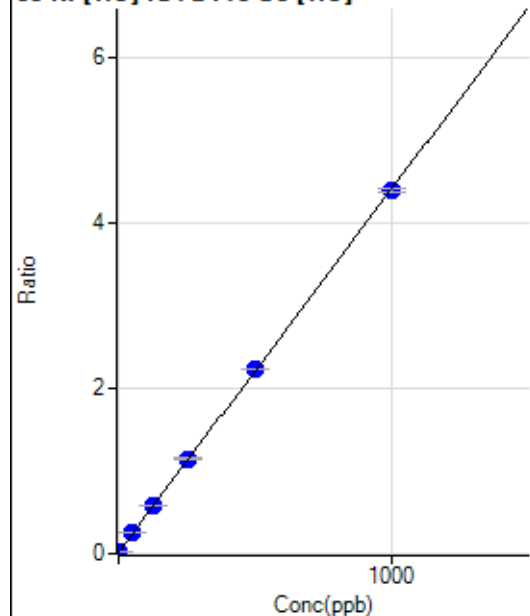
$$R = 1.0000$$

$$DL = 0.01084$$

$$BEC = 0.04329$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3084.82	0.0168	P	2.8
2	☐	0.100					
3	☐	1.000	0.836	3741.65	0.0205	P	7.1
4	☐	50.000	53.412	45508.44	0.2513	P	1.3
5	☐	125.000	129.406	107314.40	0.5850	P	0.4
6	☐	250.000	256.994	199947.57	1.1453	P	2.1
7	☐	500.000	504.645	396339.25	2.2327	P	0.6
8	☐	1000.000	995.208	790914.63	4.3868	P	1.0
9	☐			15716.36	0.0860	P	2.5

$$y = 0.0044 * x + 0.0168$$

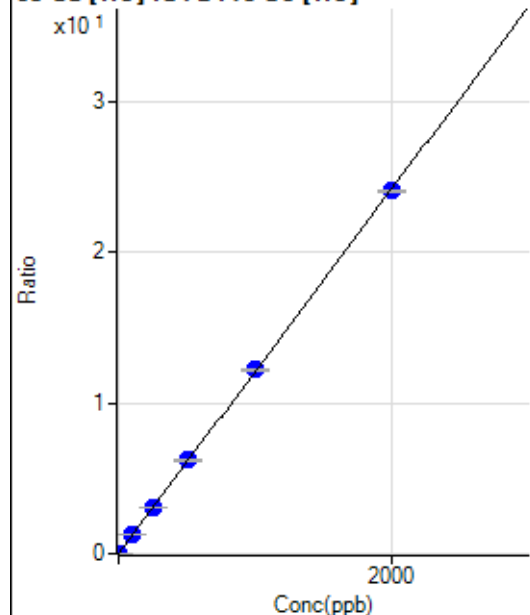
$$R = 1.0000$$

$$DL = 0.325$$

$$BEC = 3.826$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	762.26	0.0042	P	0.9
2	☐	0.200					
3	☐	2.000	2.179	5567.81	0.0305	P	2.1
4	☐	100.000	105.577	231520.00	1.2786	P	1.2
5	☐	250.000	255.885	567375.97	3.0931	P	0.5
6	☐	500.000	512.619	1081089.26	6.1923	P	2.0
7	☐	1000.000	1009.435	2163844.03	12.1897	P	0.5
8	☐	2000.000	1991.113	4334343.93	24.0402	P	0.7
9	☐			10229.27	0.0560	P	2.7

$$y = 0.0121 * x + 0.0042$$

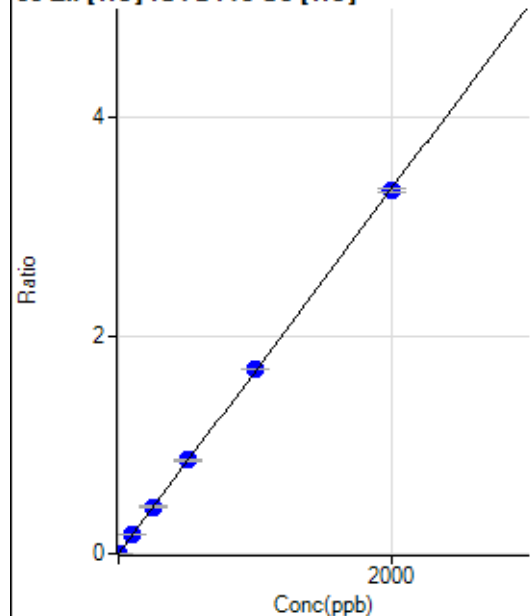
$$R = 1.0000$$

$$DL = 0.009547$$

$$BEC = 0.3439$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	107.78	0.0006	P	16.9
2	☐	0.200					
3	☐	2.000	2.241	792.26	0.0043	P	3.4
4	☐	100.000	104.695	31800.26	0.1756	P	0.7
5	☐	250.000	257.401	79045.84	0.4309	P	0.8
6	☐	500.000	514.321	150228.55	0.8604	P	1.5
7	☐	1000.000	1013.484	300883.77	1.6950	P	0.2
8	☐	2000.000	1988.517	599480.03	3.3251	P	1.0
9	☐			4944.25	0.0271	P	4.0

$$y = 0.0017 * x + 5.8684E-004$$

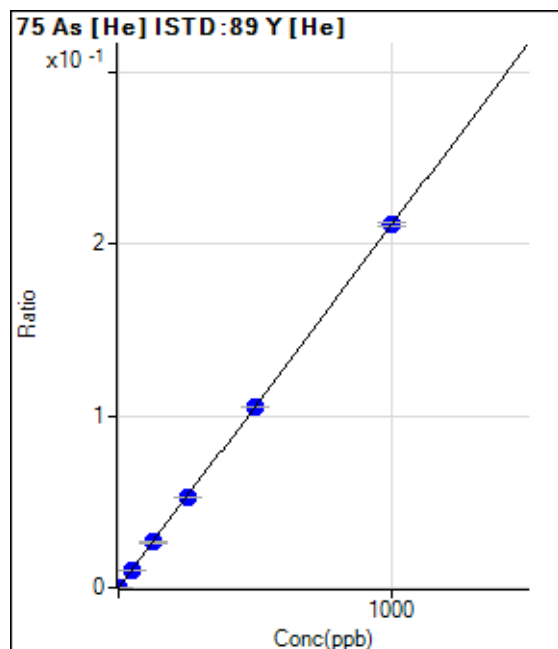
$$R = 0.9999$$

$$DL = 0.1785$$

$$BEC = 0.351$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	8.02	0.0000	P	47.9
2	☐	0.100					
3	☐	1.000	0.985	237.66	0.0002	P	8.2
4	☐	50.000	49.749	11726.40	0.0105	P	0.6
5	☐	125.000	125.402	29297.41	0.0265	P	1.5
6	☐	250.000	250.345	55899.35	0.0528	P	0.9
7	☐	500.000	499.160	113715.79	0.1053	P	0.3
8	☐	1000.000	1000.296	231029.77	0.2111	P	1.0
9	☐			172.84	0.0002	P	0.1

$$y = 2.1098\text{E-}004 * x + 7.1989\text{E-}006$$

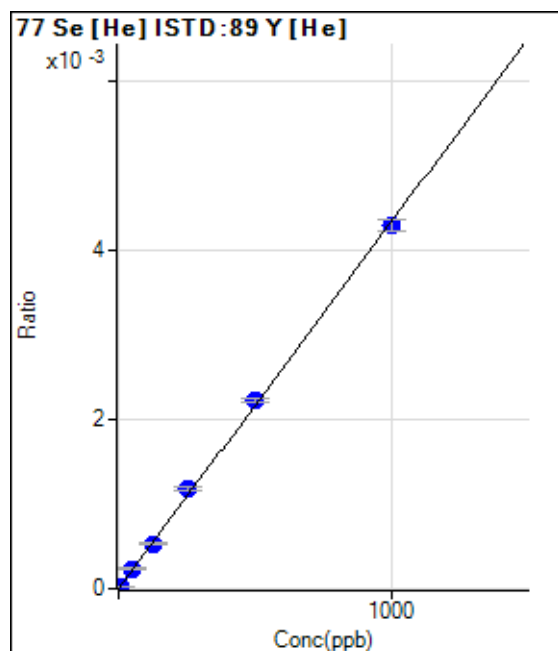
$$R = 1.0000$$

$$DL = 0.04904$$

$$BEC = 0.03412$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	5.110	24.44	0.0000	P	34.4
4	☐	50.000	53.553	258.89	0.0002	P	8.0
5	☐	125.000	121.916	584.47	0.0005	P	2.9
6	☐	250.000	273.058	1251.18	0.0012	P	4.7
7	☐	500.000	511.741	2392.46	0.0022	P	2.1
8	☐	1000.000	988.572	4685.27	0.0043	P	3.1
9	☐			2.22	0.0000	P	86.6

$$y = 4.3299\text{E-}006 * x + 0.0000\text{E+}000$$

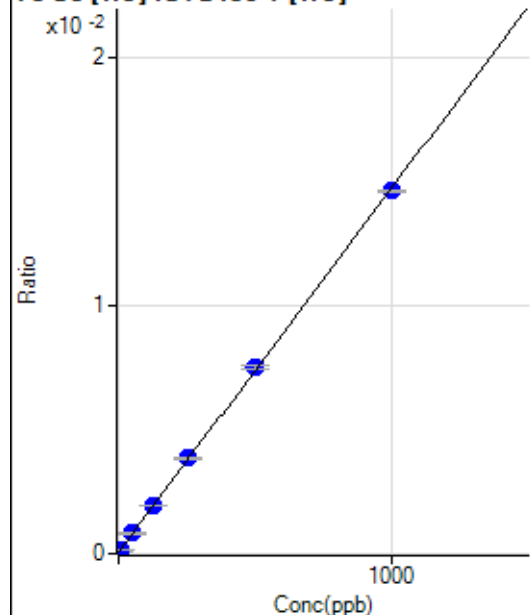
$$R = 0.9996$$

$$DL = 0$$

$$BEC = 0$$

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	62.35	0.0001	P	12.0
2	☐	0.500					
3	☐	5.000	4.910	141.36	0.0001	P	14.9
4	☐	50.000	51.823	910.53	0.0008	P	2.9
5	☐	125.000	128.716	2150.80	0.0019	P	3.1
6	☐	250.000	259.499	4084.56	0.0039	P	2.1
7	☐	500.000	508.067	8101.08	0.0075	P	1.7
8	☐	1000.000	993.036	15995.93	0.0146	P	0.6
9	☐			76.54	0.0001	P	31.3

$$y = 1.4658\text{E-}005 * x + 5.5990\text{E-}005$$

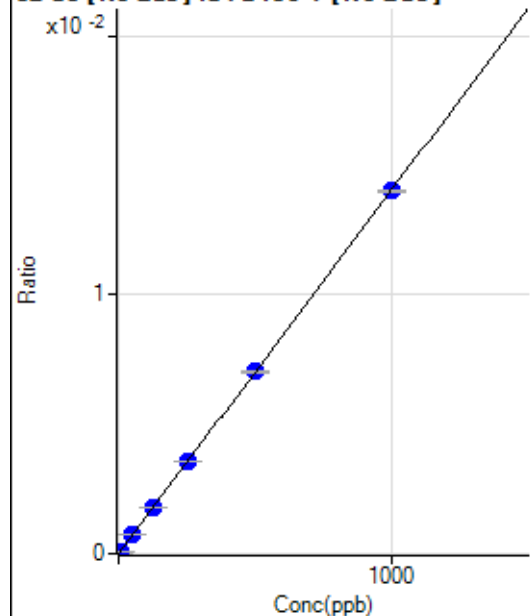
$$R = 0.9999$$

$$DL = 1.373$$

$$BEC = 3.82$$

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	15.80	0.0000	P	205.
2	☐	0.500					
3	☐	5.000	4.279	468.05	0.0001	P	9.8
4	☐	50.000	51.242	5463.19	0.0007	P	3.7
5	☐	125.000	126.383	13374.94	0.0018	P	1.3
6	☐	250.000	253.947	26266.47	0.0036	P	0.9
7	☐	500.000	501.642	51091.50	0.0070	P	1.1
8	☐	1000.000	997.961	102434.16	0.0140	P	0.8
9	☐			229.63	0.0000	P	25.6

$$y = 1.4029\text{E-}005 * x + 2.1321\text{E-}006$$

$$R = 1.0000$$

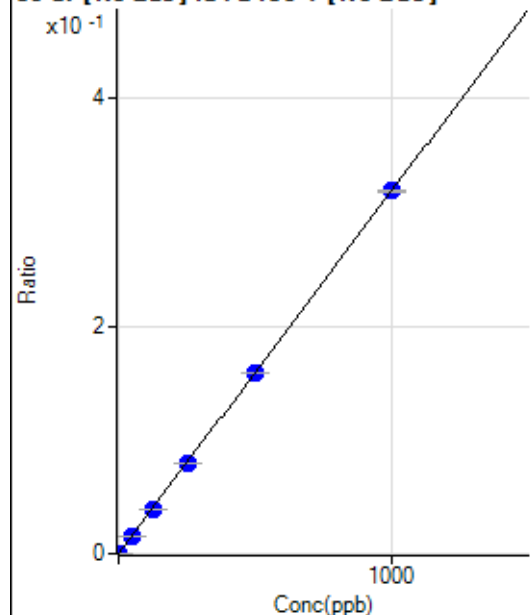
$$DL = 0.9368$$

$$BEC = 0.152$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	847.28	0.0001	P	6.5
2	☐	0.100					
3	☐	1.000	0.959	3156.04	0.0004	P	6.2
4	☐	50.000	49.494	120278.94	0.0159	P	1.1
5	☐	125.000	123.840	297972.98	0.0395	P	0.2
6	☐	250.000	249.355	585917.04	0.0795	P	0.7
7	☐	500.000	499.820	1156017.15	0.1593	P	0.3
8	☐	1000.000	1000.422	2331328.18	0.3187	P	0.3
9	☐			75766.86	0.0107	P	1.3

$$y = 3.1843\text{E-}004 * x + 1.1361\text{E-}004$$

$$R = 1.0000$$

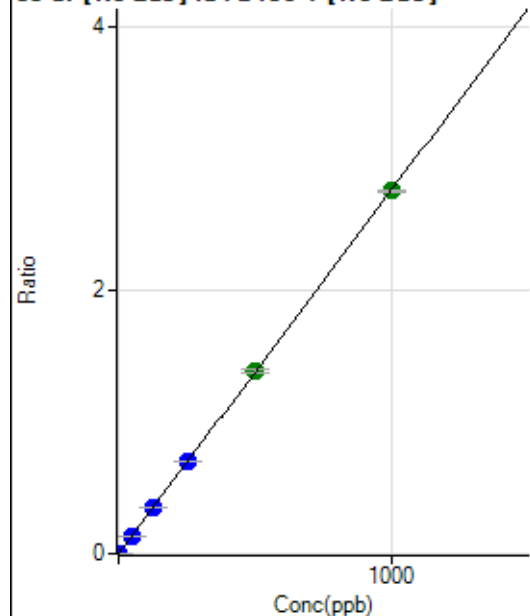
$$DL = 0.06978$$

$$BEC = 0.3568$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	747.28	0.0001	P	13.7
2	☐	0.100					
3	☐	1.000	0.927	20042.57	0.0027	P	0.2
4	☐	50.000	49.799	1042976.48	0.1376	P	0.9
5	☐	125.000	124.666	2595127.53	0.3444	P	0.6
6	☐	250.000	254.257	5175339.88	0.7024	P	1.0
7	☐	500.000	502.426	10072655.95	1.3879	A	1.1
8	☐	1000.000	997.774	20162170.76	2.7561	A	0.3
9	☐			659521.62	0.0933	P	1.0

$$y = 0.0028 * x + 1.0012\text{E-}004$$

$$R = 1.0000$$

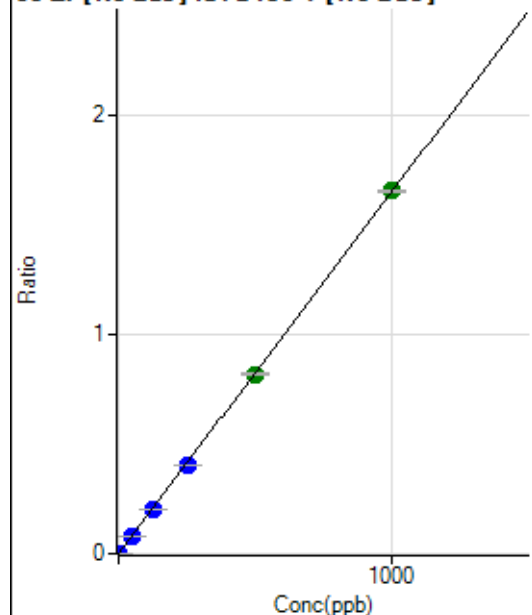
$$DL = 0.0149$$

$$BEC = 0.03625$$

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	558.37	0.0001	P	18.7
2	☐	0.100					
3	☐	1.000	0.914	11927.70	0.0016	P	2.1
4	☐	50.000	48.046	601640.04	0.0794	P	0.5
5	☐	125.000	120.674	1501636.11	0.1993	P	0.4
6	☐	250.000	246.125	2994785.22	0.4064	P	0.4
7	☐	500.000	496.187	5946115.32	0.8193	A	0.8
8	☐	1000.000	1003.514	12120685.95	1.6569	A	0.8
9	☐			4017.40	0.0006	P	8.1

$$y = 0.0017 * x + 7.4902E-005$$

$$R = 1.0000$$

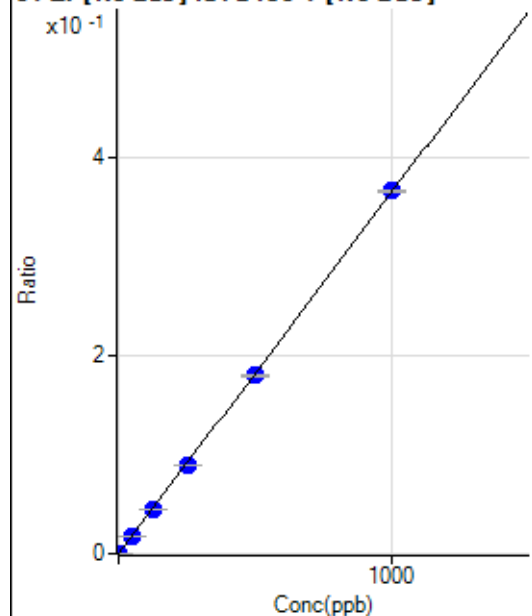
$$DL = 0.02544$$

$$BEC = 0.04537$$

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	125.01	0.0000	P	17.2
2	☐	0.100					
3	☐	1.000	0.915	2633.69	0.0003	P	4.7
4	☐	50.000	47.910	132323.50	0.0175	P	0.2
5	☐	125.000	120.897	331822.12	0.0440	P	0.6
6	☐	250.000	246.246	660861.21	0.0897	P	0.5
7	☐	500.000	493.978	1305635.66	0.1799	P	1.0
8	☐	1000.000	1004.567	2676176.49	0.3658	P	0.6
9	☐			916.74	0.0001	P	4.1

$$y = 3.6415E-004 * x + 1.6750E-005$$

$$R = 1.0000$$

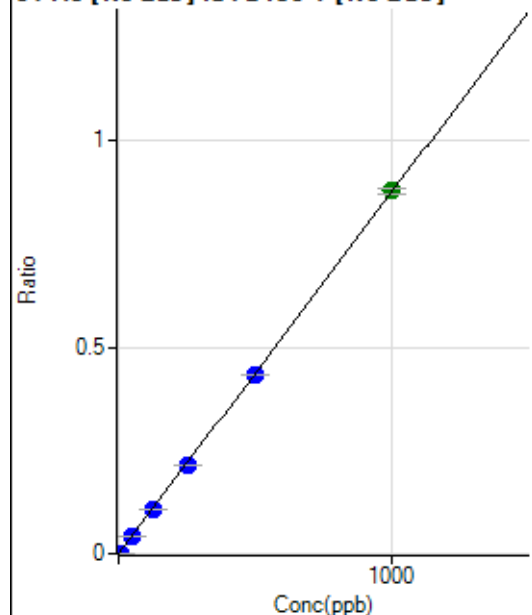
$$DL = 0.02376$$

$$BEC = 0.046$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	230.57	0.0000	P	4.9
2	☐	0.500					
3	☐	5.000	1.994	13370.65	0.0018	P	2.5
4	☐	50.000	48.217	319975.47	0.0422	P	0.8
5	☐	125.000	120.567	795230.52	0.1055	P	0.6
6	☐	250.000	246.012	1586691.77	0.2153	P	0.6
7	☐	500.000	494.703	3142468.69	0.4330	P	0.9
8	☐	1000.000	1004.304	6429974.23	0.8790	A	1.3
9	☐			12472.58	0.0018	P	0.5

$$y = 8.7518\text{E-}004 * x + 3.0903\text{E-}005$$

$$R = 1.0000$$

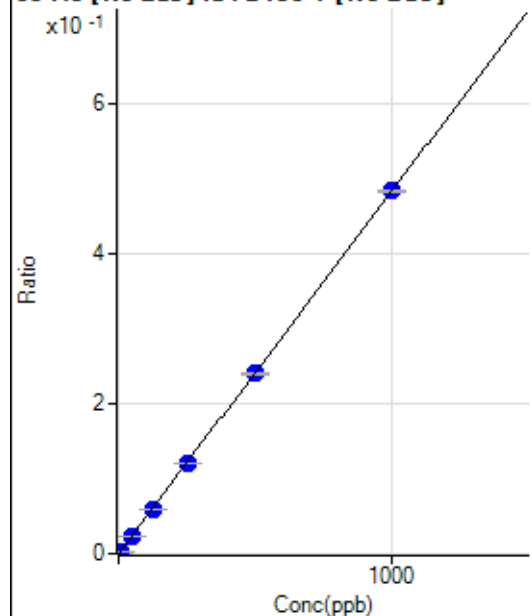
$$DL = 0.00524$$

$$BEC = 0.03531$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.34	0.0000	P	28.7
2	☐	0.500					
3	☐	5.000	4.311	15731.56	0.0021	P	0.8
4	☐	50.000	49.120	179770.42	0.0237	P	1.5
5	☐	125.000	122.300	444986.47	0.0591	P	0.7
6	☐	250.000	248.672	884832.02	0.1201	P	0.5
7	☐	500.000	497.590	1743853.49	0.2403	P	0.9
8	☐	1000.000	1001.922	3539226.12	0.4838	P	0.5
9	☐			18726.90	0.0026	P	1.7

$$y = 4.8286\text{E-}004 * x + 7.8236\text{E-}006$$

$$R = 1.0000$$

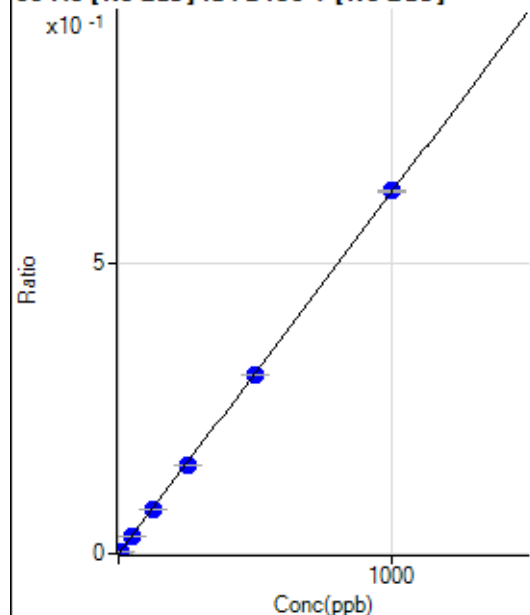
$$DL = 0.01394$$

$$BEC = 0.0162$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	102.78	0.0000	P	24.3
2	☐	0.500					
3	☐	5.000	3.801	17909.10	0.0024	P	1.6
4	☐	50.000	48.581	229139.26	0.0302	P	0.9
5	☐	125.000	121.065	567636.69	0.0753	P	0.8
6	☐	250.000	246.287	1129286.19	0.1533	P	0.2
7	☐	500.000	495.199	2236340.28	0.3081	P	0.8
8	☐	1000.000	1003.897	4569591.86	0.6246	P	0.3
9	☐			25726.92	0.0036	P	2.5

$$y = 6.2221\text{E-}004 * x + 1.3765\text{E-}005$$

$$R = 1.0000$$

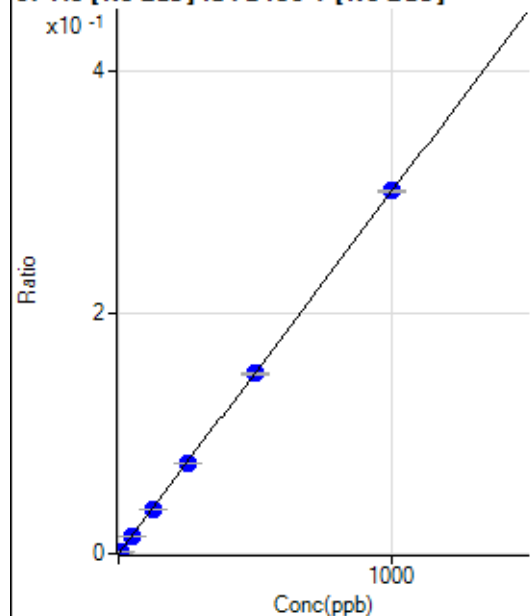
$$DL = 0.0161$$

$$BEC = 0.02212$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	77.78	0.0000	P	33.1
2	☐	0.500					
3	☐	5.000	4.322	9853.84	0.0013	P	2.2
4	☐	50.000	49.809	113445.67	0.0150	P	0.8
5	☐	125.000	122.530	277385.22	0.0368	P	0.5
6	☐	250.000	248.166	549342.70	0.0746	P	0.9
7	☐	500.000	497.157	1083897.77	0.1493	P	1.3
8	☐	1000.000	1002.202	2202356.56	0.3011	P	0.4
9	☐			11496.82	0.0016	P	1.1

$$y = 3.0038\text{E-}004 * x + 1.0434\text{E-}005$$

$$R = 1.0000$$

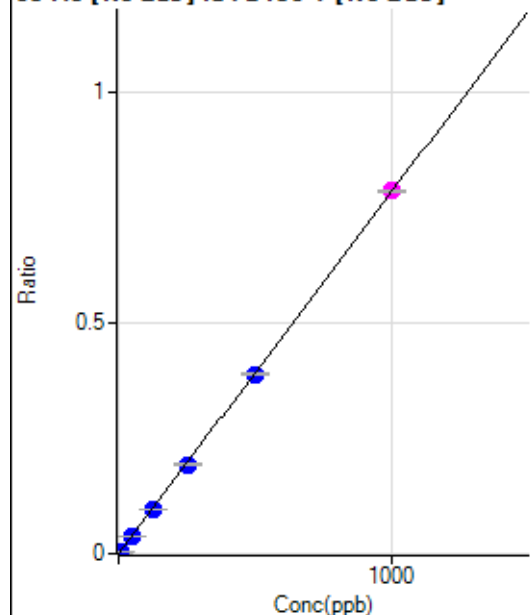
$$DL = 0.03444$$

$$BEC = 0.03473$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	122.23	0.0000	P	8.4
2	☐	0.500					
3	☐	5.000	4.236	25084.04	0.0033	P	0.8
4	☐	50.000	48.442	287380.57	0.0379	P	0.5
5	☐	125.000	121.408	715978.58	0.0950	P	0.7
6	☐	250.000	246.408	1421028.32	0.1929	P	0.9
7	☐	500.000	496.413	2819693.62	0.3885	P	1.0
8	☐	1000.000	1003.222	5743682.59	0.7851	M	0.5
9	☐			29314.37	0.0041	P	0.6

$$y = 7.8260\text{E-}004 * x + 1.6390\text{E-}005$$

$$R = 1.0000$$

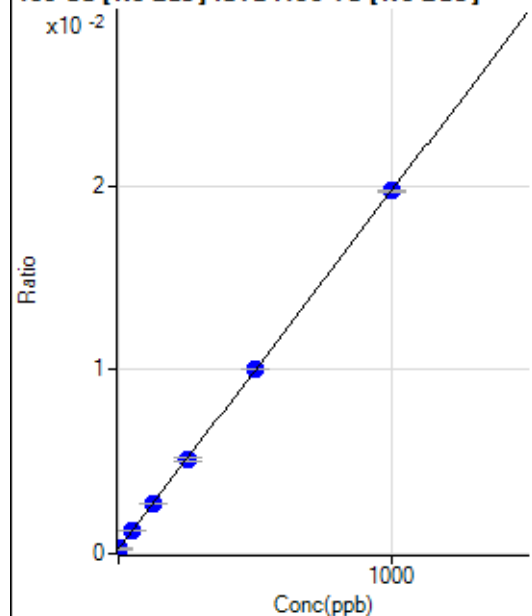
$$DL = 0.005306$$

$$BEC = 0.02094$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2505.87	0.0003	P	5.0
2	☐	0.100					
3	☐	1.000	-0.075	2494.78	0.0003	P	4.2
4	☐	50.000	49.659	11866.58	0.0012	P	1.1
5	☐	125.000	126.019	26133.34	0.0027	P	1.9
6	☐	250.000	249.188	48199.69	0.0051	P	3.1
7	☐	500.000	500.791	92291.52	0.0100	P	0.5
8	☐	1000.000	999.698	182515.68	0.0197	P	0.8
9	☐			2564.24	0.0003	P	9.1

$$y = 1.9477\text{E-}005 * x + 2.6156\text{E-}004$$

$$R = 1.0000$$

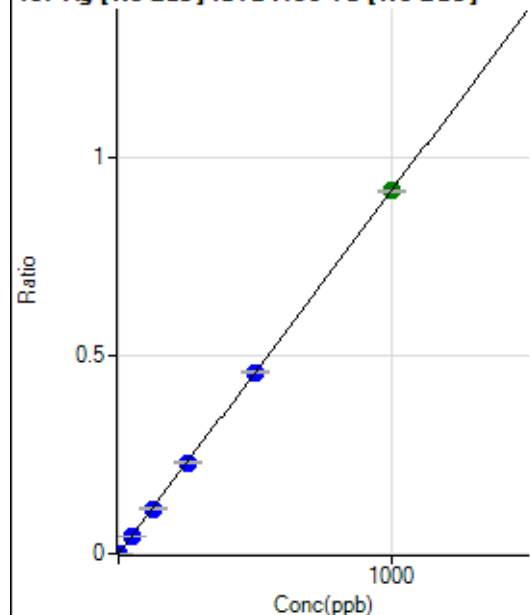
$$DL = 2.031$$

$$BEC = 13.43$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.45	0.0000	P	47.5
2	☐	0.100					
3	☐	1.000	1.180	10426.47	0.0011	P	1.4
4	☐	50.000	50.018	443156.85	0.0459	P	0.5
5	☐	125.000	124.299	1097138.85	0.1140	P	0.4
6	☐	250.000	250.439	2165258.75	0.2297	P	1.6
7	☐	500.000	500.293	4228926.01	0.4589	P	0.3
8	☐	1000.000	999.830	8483305.22	0.9172	A	0.6
9	☐			1786.31	0.0002	P	13.3

$$y = 9.1734\text{E-}004 * x + 4.6483\text{E-}006$$

$$R = 1.0000$$

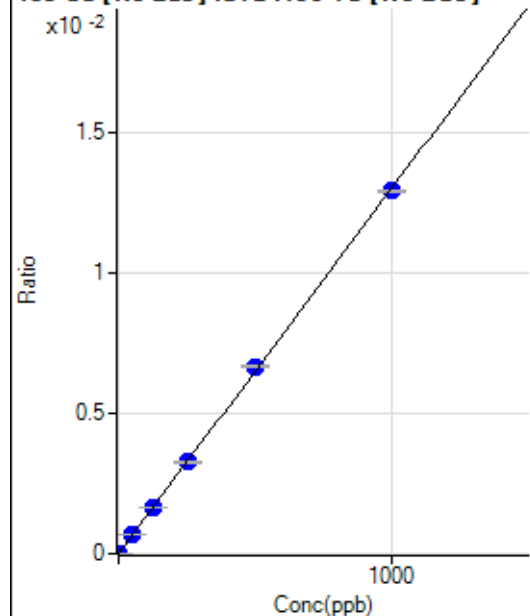
$$DL = 0.007223$$

$$BEC = 0.005067$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19.44	0.0000	P	81.7
2	☐	0.100					
3	☐	1.000	0.958	138.89	0.0000	P	22.6
4	☐	50.000	51.009	6421.03	0.0007	P	2.0
5	☐	125.000	127.184	15920.29	0.0017	P	0.9
6	☐	250.000	250.728	30730.77	0.0033	P	0.6
7	☐	500.000	511.389	61245.81	0.0066	P	1.0
8	☐	1000.000	993.800	119457.68	0.0129	P	0.6
9	☐			47.22	0.0000	P	33.7

$$y = 1.2994\text{E-}005 * x + 2.0371\text{E-}006$$

$$R = 0.9999$$

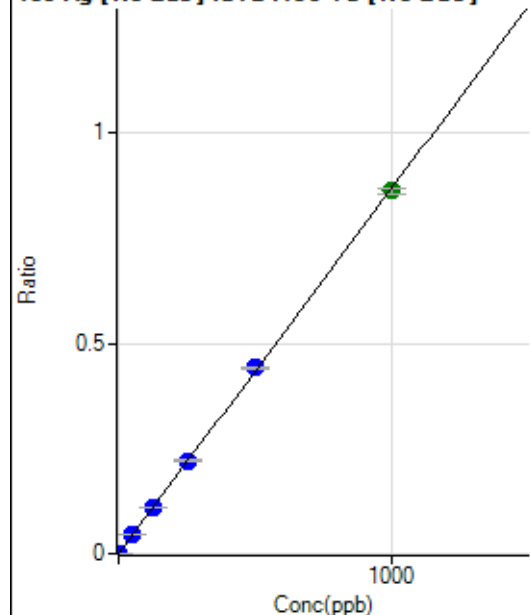
$$DL = 0.3842$$

$$BEC = 0.1568$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	33.33	0.0000	P	24.4
2	☐	0.100					
3	☐	1.000	1.182	9870.55	0.0010	P	0.7
4	☐	50.000	51.162	428714.19	0.0444	P	1.1
5	☐	125.000	126.159	1053197.57	0.1095	P	1.0
6	☐	250.000	255.222	2087155.34	0.2214	P	1.2
7	☐	500.000	509.410	4072579.13	0.4420	P	0.8
8	☐	1000.000	993.786	7974969.62	0.8623	A	1.4
9	☐			1572.39	0.0002	P	6.8

$$y = 8.6764\text{E-}004 * x + 3.4770\text{E-}006$$

$$R = 0.9999$$

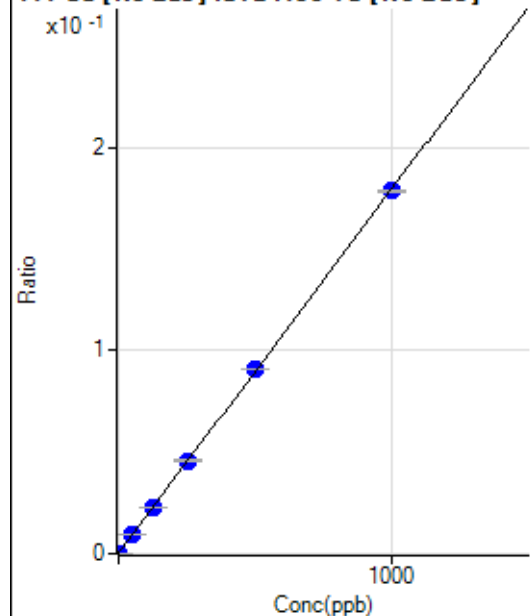
$$DL = 0.00293$$

$$BEC = 0.004007$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1753.00	0.0002	P	5.0
2	☐	0.100					
3	☐	1.000	0.898	3299.25	0.0003	P	2.0
4	☐	50.000	51.262	90512.86	0.0094	P	0.9
5	☐	125.000	126.196	219412.41	0.0228	P	1.4
6	☐	250.000	254.277	431343.50	0.0458	P	1.0
7	☐	500.000	505.895	837284.57	0.0909	P	0.7
8	☐	1000.000	995.771	1652674.07	0.1787	P	0.7
9	☐			2220.26	0.0003	P	7.4

$$y = 1.7926\text{E-}004 * x + 1.8298\text{E-}004$$

$$R = 1.0000$$

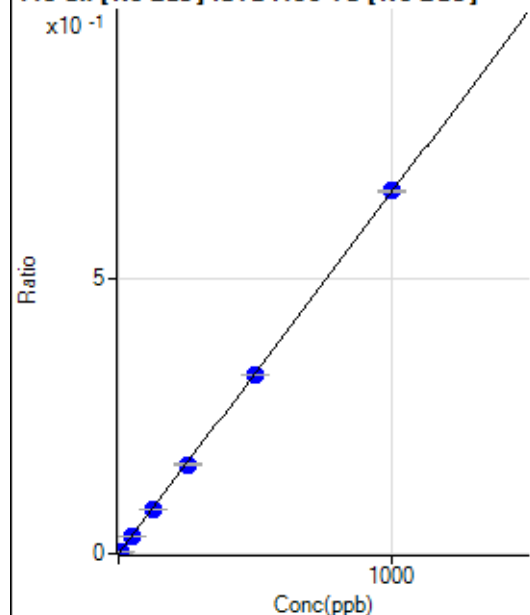
$$DL = 0.1539$$

$$BEC = 1.021$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	555.59	0.0001	P	17.9
2	☐	0.500					
3	☐	5.000	4.328	27739.34	0.0029	P	2.7
4	☐	50.000	48.924	309958.06	0.0321	P	0.7
5	☐	125.000	121.526	766254.22	0.0796	P	0.3
6	☐	250.000	245.662	1516724.64	0.1609	P	1.5
7	☐	500.000	494.985	2987250.29	0.3242	P	0.7
8	☐	1000.000	1004.083	6082208.64	0.6576	P	0.2
9	☐			9745.51	0.0011	P	2.9

$$y = 6.5485E-004 * x + 5.7955E-005$$

$$R = 1.0000$$

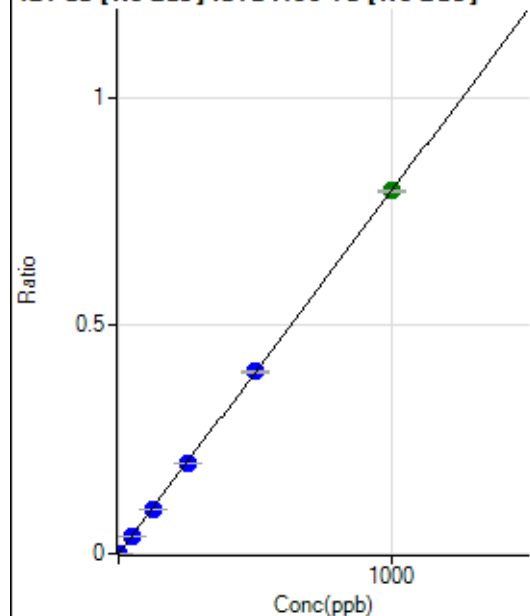
$$DL = 0.04759$$

$$BEC = 0.0885$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	80.56	0.0000	P	46.7
2	☐	0.200					
3	☐	2.000	1.805	13854.58	0.0014	P	0.5
4	☐	50.000	48.333	371369.76	0.0385	P	1.3
5	☐	125.000	121.856	932710.84	0.0969	P	0.6
6	☐	250.000	248.278	1861474.31	0.1975	P	1.3
7	☐	500.000	501.757	3677818.48	0.3991	P	0.7
8	☐	1000.000	1000.029	7357829.24	0.7955	A	0.3
9	☐			25799.48	0.0029	P	1.8

$$y = 7.9546E-004 * x + 8.4049E-006$$

$$R = 1.0000$$

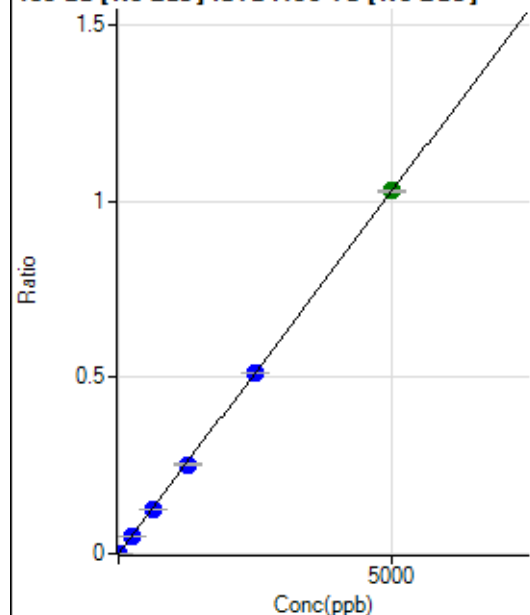
$$DL = 0.01479$$

$$BEC = 0.01057$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.56	0.0000	P	57.3
2	☐	1.000					
3	☐	10.000	8.977	17745.29	0.0019	P	2.3
4	☐	250.000	242.839	482569.19	0.0500	P	0.5
5	☐	625.000	606.253	1200240.27	0.1247	P	0.2
6	☐	1250.000	1230.485	2386185.75	0.2532	P	1.6
7	☐	2500.000	2495.664	4731494.42	0.5135	P	1.0
8	☐	5000.000	5009.750	9534009.24	1.0308	A	0.8
9	☐			4481.51	0.0005	P	6.1

$$y = 2.0576\text{E-}004 * x + 3.1954\text{E-}006$$

$$R = 1.0000$$

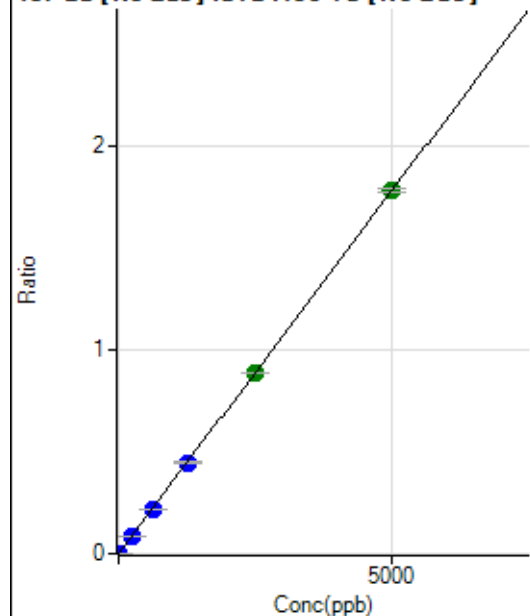
$$DL = 0.02672$$

$$BEC = 0.01553$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52.78	0.0000	P	23.3
2	☐	1.000					
3	☐	10.000	8.848	30228.25	0.0032	P	1.5
4	☐	250.000	245.625	843489.69	0.0873	P	0.6
5	☐	625.000	614.775	2103292.75	0.2186	P	0.2
6	☐	1250.000	1250.459	4190480.69	0.4446	P	1.6
7	☐	2500.000	2491.717	8163537.07	0.8860	A	0.8
8	☐	5000.000	5005.526	16461700.37	1.7798	A	1.1
9	☐			7905.39	0.0009	P	1.4

$$y = 3.5557\text{E-}004 * x + 5.5037\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.01081$$

$$BEC = 0.01548$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	100.
2	☐						
3	☐			0.00		P	
4	☐			64.45		P	26.0
5	☐			88.89		P	11.5
6	☐			231.12		P	14.8
7	☐			433.36		P	11.1
8	☐			891.17		P	9.8
9	☐			108.89		P	21.5

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐						
3	☐			1.11		P	173.
4	☐			5.56		P	34.7
5	☐			12.22		P	83.3
6	☐			13.33		P	25.0
7	☐			57.78		P	17.6
8	☐			91.11		P	22.4
9	☐			50.00		P	29.1

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19.45		P	24.7
2	☐						
3	☐			22.22		P	43.3
4	☐			22.22		P	21.6
5	☐			30.56		P	15.7
6	☐			77.78		P	64.6
7	☐			77.78		P	71.3
8	☐			211.12		P	31.9
9	☐			213.90		P	16.2

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐						
3	☐			4.44		P	114.
4	☐			4.44		P	114.
5	☐			12.22		P	68.7
6	☐			20.00		P	28.9
7	☐			44.45		P	24.1
8	☐			104.45		P	6.6
9	☐			70.00		P	12.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44.45		P	39.0
2	☐						
3	☐			52.78		P	9.1
4	☐			58.34		P	42.9
5	☐			58.34		P	57.1
6	☐			72.23		P	48.0
7	☐			80.56		P	6.0
8	☐			83.34		P	85.4
9	☐			130.56		P	7.4

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			58.89		P	36.4
2	☐						
3	☐			78.89		P	20.8
4	☐			55.56		P	57.7
5	☐			76.67		P	17.4
6	☐			88.89		P	26.6
7	☐			65.56		P	2.9
8	☐			95.56		P	8.1
9	☐			124.45		P	24.2

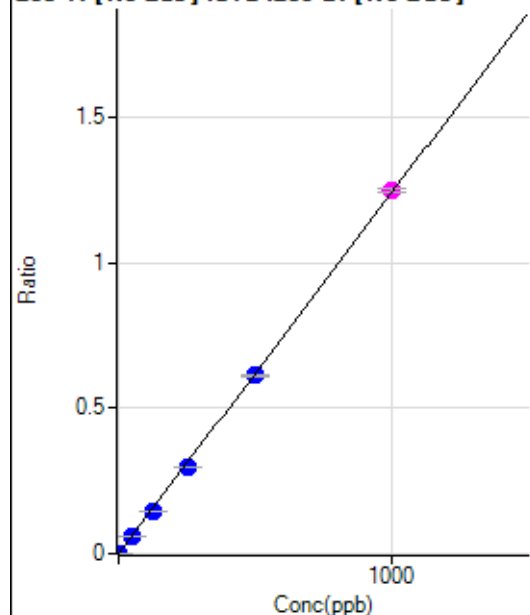
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36.11		P	58.1
2	☐						
3	☐			44.45		P	10.8
4	☐			38.89		P	61.9
5	☐			41.67		P	52.9
6	☐			33.33		P	25.0
7	☐			36.11		P	48.0
8	☐			86.12		P	34.0
9	☐			94.45		P	39.8

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			12.22		P	63.0
2	☐						
3	☐			18.89		P	36.7
4	☐			24.44		P	51.6
5	☐			16.67		P	52.9
6	☐			21.11		P	24.1
7	☐			24.44		P	61.5
8	☐			44.44		P	22.9
9	☐			38.89		P	40.5

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	111.12	0.0000	P	18.2
2	☐	0.100					
3	☐	1.000	0.953	7327.36	0.0012	P	1.8
4	☐	50.000	47.565	362507.73	0.0590	P	0.2
5	☐	125.000	119.200	897272.01	0.1479	P	0.6
6	☐	250.000	242.009	1772902.71	0.3004	P	0.4
7	☐	500.000	493.384	3470730.68	0.6123	P	1.1
8	☐	1000.000	1006.152	7016932.88	1.2487	M	0.9
9	☐			5081.74	0.0010	P	5.0

$$y = 0.0012 * x + 1.7918E-005$$

$$R = 0.9999$$

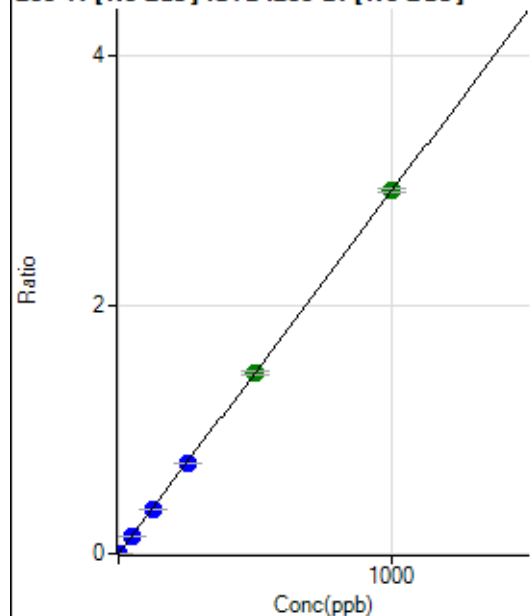
$$DL = 0.007874$$

$$BEC = 0.01444$$

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	311.13	0.0001	P	22.2
2	☐	0.100					
3	☐	1.000	0.995	17996.24	0.0029	P	2.0
4	☐	50.000	48.740	871992.69	0.1420	P	0.6
5	☐	125.000	122.360	2162136.14	0.3565	P	0.5
6	☐	250.000	249.468	4290047.71	0.7268	P	0.5
7	☐	500.000	498.894	8238025.71	1.4534	A	1.7
8	☐	1000.000	1001.079	16388514.26	2.9163	A	0.9
9	☐			12336.83	0.0025	P	4.9

$$y = 0.0029 * x + 5.0170E-005$$

$$R = 1.0000$$

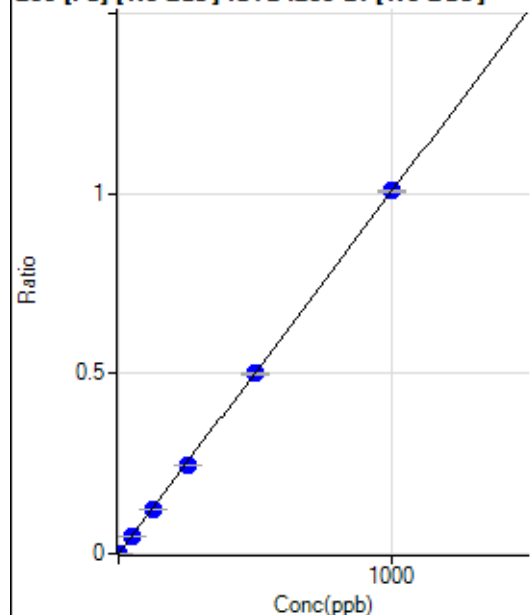
$$DL = 0.01146$$

$$BEC = 0.01722$$

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	611.14	0.0001	P	10.2
2	☐	0.100					
3	☐	1.000	2.213	14167.17	0.0023	P	1.6
4	☐	50.000	48.654	300478.90	0.0489	P	0.9
5	☐	125.000	121.020	737462.14	0.1216	P	0.4
6	☐	250.000	245.004	1452492.81	0.2461	P	0.6
7	☐	500.000	498.084	2834892.02	0.5001	P	1.6
8	☐	1000.000	1002.770	5657949.84	1.0068	P	0.7
9	☐			10730.58	0.0021	P	3.8

$$y = 0.0010 * x + 9.8488E-005$$

$$R = 1.0000$$

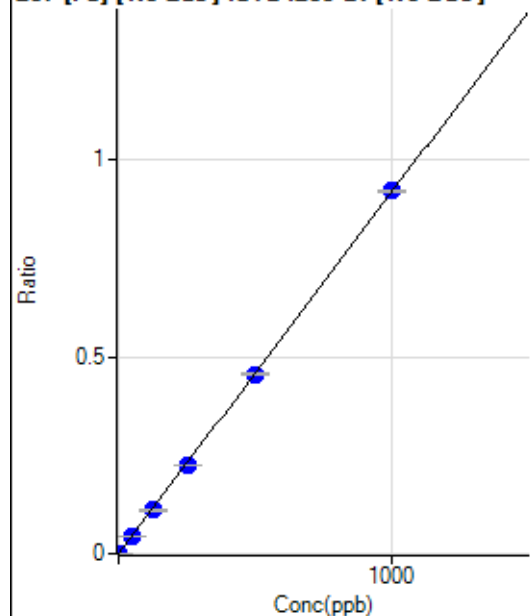
$$DL = 0.03013$$

$$BEC = 0.0981$$

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	529.66	0.0001	P	13.7
2	☐	0.100					
3	☐	1.000	2.158	12621.15	0.0021	P	1.1
4	☐	50.000	48.004	271184.53	0.0442	P	0.6
5	☐	125.000	119.788	667730.43	0.1101	P	0.4
6	☐	250.000	243.499	1320505.96	0.2237	P	0.6
7	☐	500.000	496.461	2584874.48	0.4560	P	1.4
8	☐	1000.000	1004.145	5182954.92	0.9223	P	0.6
9	☐			9670.50	0.0019	P	1.7

$$y = 9.1839E-004 * x + 8.5282E-005$$

$$R = 1.0000$$

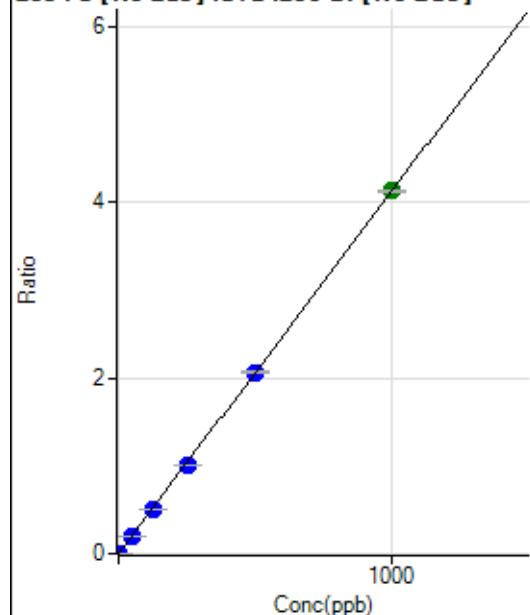
$$DL = 0.03814$$

$$BEC = 0.09286$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2629.82	0.0004	P	7.9
2	☐	0.100					
3	☐	1.000	2.185	57587.52	0.0094	P	1.7
4	☐	50.000	48.161	1221523.77	0.1990	P	0.4
5	☐	125.000	120.102	3005479.04	0.4956	P	0.3
6	☐	250.000	244.126	5943205.47	1.0068	P	0.5
7	☐	500.000	500.844	11706008.25	2.0652	P	1.2
8	☐	1000.000	1001.749	23210405.03	4.1302	A	0.5
9	☐			43404.80	0.0087	P	0.6

$$y = 0.0041 * x + 4.2366E-004$$

$$R = 1.0000$$

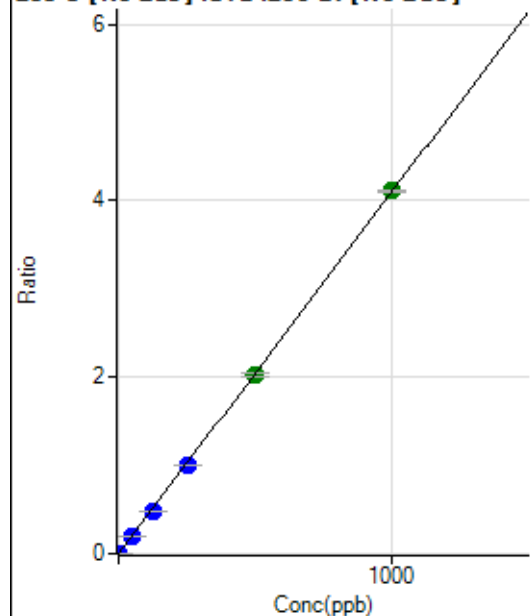
$$DL = 0.02447$$

$$BEC = 0.1028$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	80.56	0.0000	P	42.2
2	☐	0.100					
3	☐	1.000	0.876	21977.67	0.0036	P	2.6
4	☐	50.000	47.007	1181831.59	0.1925	P	0.4
5	☐	125.000	119.061	2957004.99	0.4876	P	0.1
6	☐	250.000	246.301	5953613.98	1.0086	P	0.6
7	☐	500.000	495.045	11490720.83	2.0272	A	1.2
8	☐	1000.000	1004.294	23111424.47	4.1125	A	0.3
9	☐			6207.36	0.0012	P	6.2

$$y = 0.0041 * x + 1.3001E-005$$

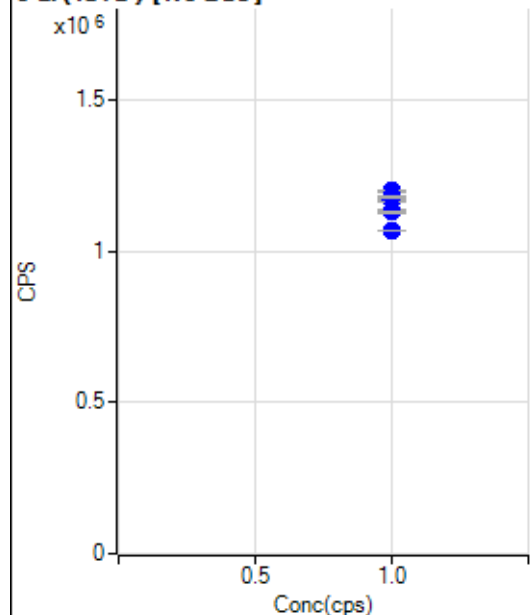
$$R = 1.0000$$

$$DL = 0.00402$$

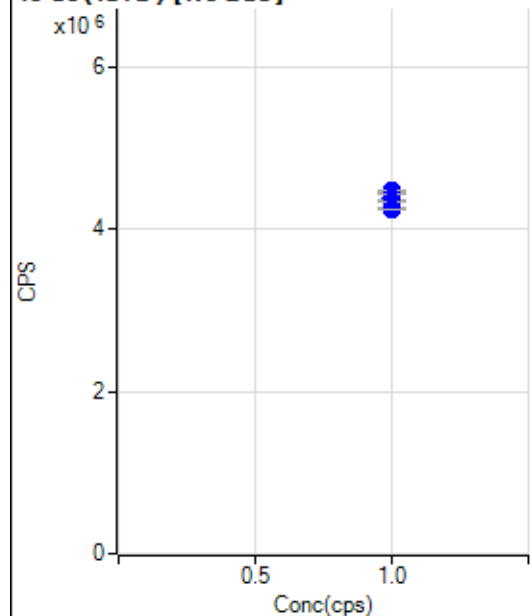
$$BEC = 0.003175$$

Weight: <None>

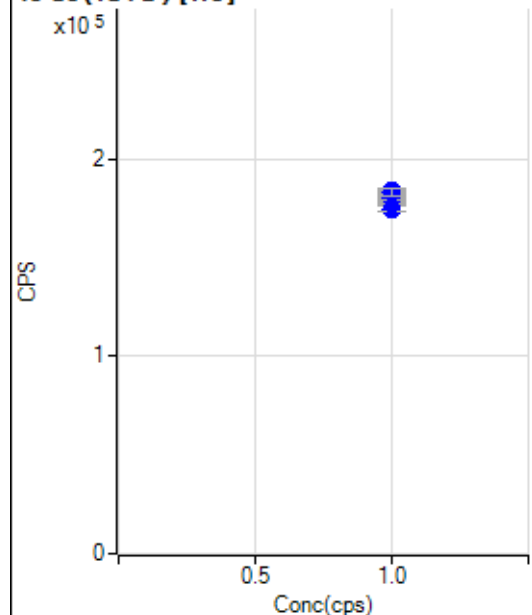
Min Conc: 0

6 Li (ISTD) [No Gas]

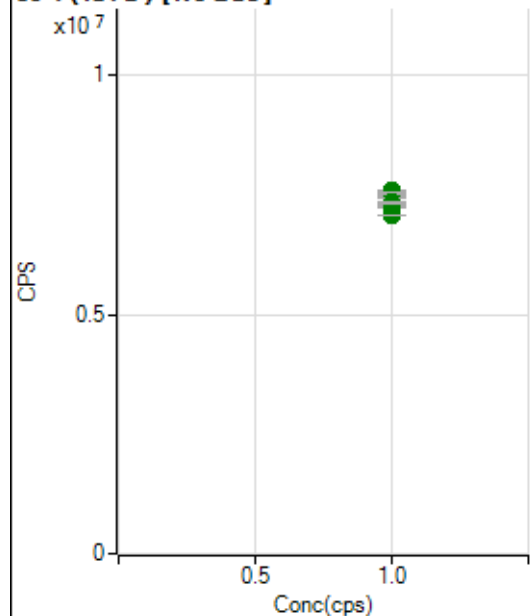
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1168515.77		P	0.7
2	☐	1.000					
3	☐	1.000		1170512.20		P	0.7
4	☐	1.000		1199043.99		P	0.4
5	☐	1.000		1200319.58		P	0.1
6	☐	1.000		1180837.33		P	0.5
7	☐	1.000		1133065.18		P	0.7
8	☐	1.000		1129621.76		P	0.3
9	☐	1.000		1066318.95		P	0.1

45 Sc (ISTD) [No Gas]

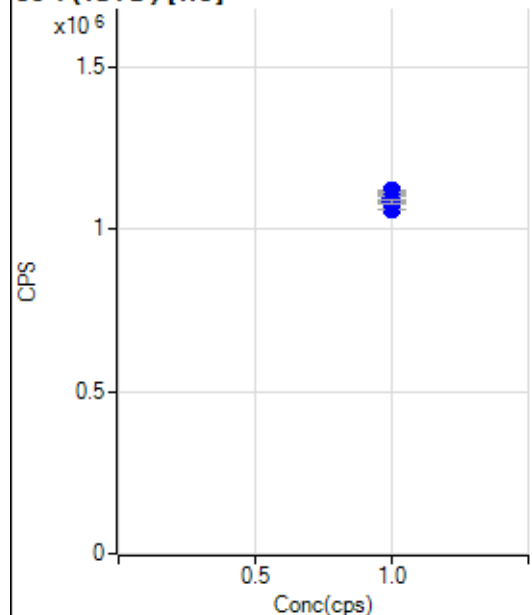
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4463935.78		P	0.3
2	☐	1.000					
3	☐	1.000		4445198.41		P	0.7
4	☐	1.000		4466511.69		P	0.6
5	☐	1.000		4468388.21		P	0.1
6	☐	1.000		4386105.09		P	1.5
7	☐	1.000		4262069.89		P	0.4
8	☐	1.000		4332651.14		P	0.1
9	☐	1.000		4241578.61		P	0.2

45 Sc (ISTD) [He]

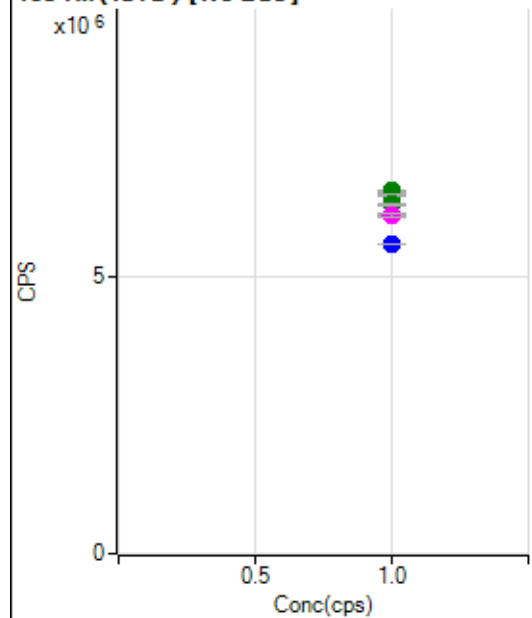
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		183635.68		P	0.5
2	☐	1.000					
3	☐	1.000		182806.20		P	0.2
4	☐	1.000		181082.00		P	1.0
5	☐	1.000		183434.77		P	0.3
6	☐	1.000		174623.02		P	1.6
7	☐	1.000		177518.61		P	0.9
8	☐	1.000		180303.28		P	0.9
9	☐	1.000		182746.23		P	1.9

89 Y (ISTD) [No Gas]

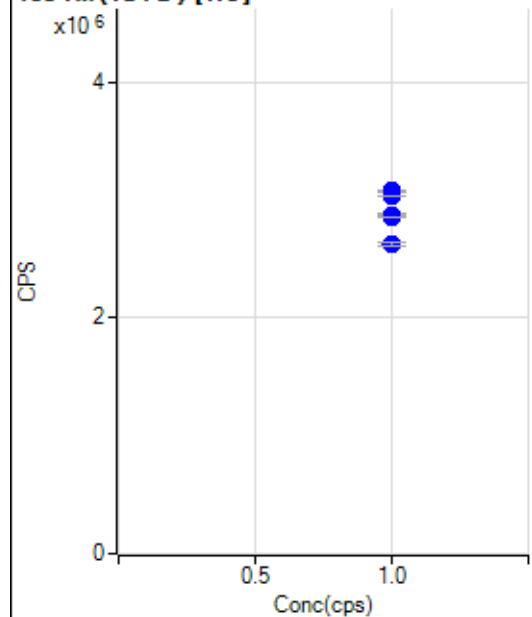
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7459704.54		A	0.6
2	☐	1.000					
3	☐	1.000		7529461.55		A	0.4
4	☐	1.000		7577401.76		A	0.7
5	☐	1.000		7534425.16		A	0.7
6	☐	1.000		7368808.57		A	1.2
7	☐	1.000		7258092.46		A	0.8
8	☐	1.000		7315570.59		A	0.4
9	☐	1.000		7069228.02		A	0.4

89 Y(ISTD) [He]

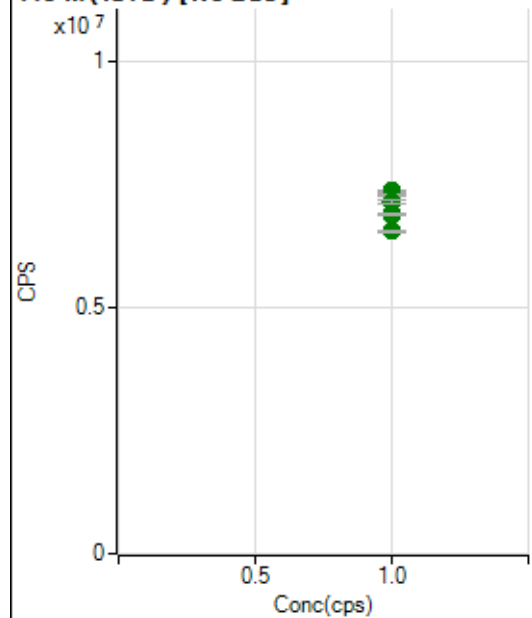
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1113536.56		P	0.3
2	☐	1.000					
3	☐	1.000		1104812.69		P	0.1
4	☐	1.000		1116431.79		P	0.4
5	☐	1.000		1107087.35		P	0.4
6	☐	1.000		1058217.27		P	0.4
7	☐	1.000		1079704.70		P	0.4
8	☐	1.000		1094717.40		P	0.7
9	☐	1.000		1082864.63		P	1.3

103 Rh(ISTD) [No Gas]

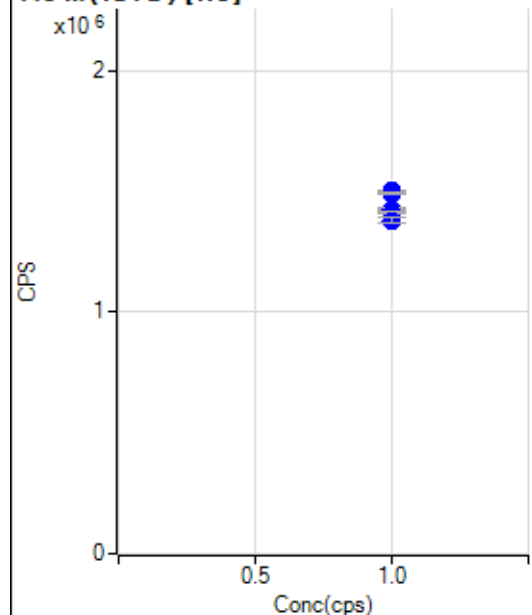
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6559096.07		A	0.6
2	☐	1.000					
3	☐	1.000		6541483.74		A	0.7
4	☐	1.000		6556741.12		A	0.4
5	☐	1.000		6498850.49		A	0.6
6	☐	1.000		6326488.77		A	0.5
7	☐	1.000		6102971.23		A	0.4
8	☐	1.000		6116324.27		M	1.0
9	☐	1.000		5607509.67		P	0.2

103 Rh (ISTD) [He]

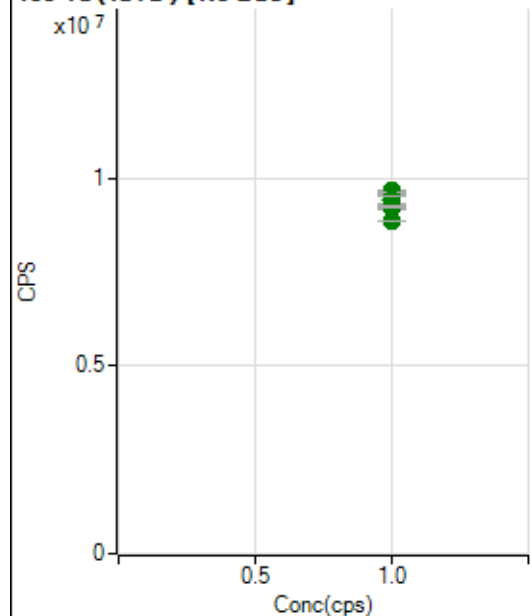
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3077956.41		P	0.1
2	☐	1.000					
3	☐	1.000		3066410.51		P	0.2
4	☐	1.000		3071273.84		P	0.2
5	☐	1.000		3034328.25		P	0.3
6	☐	1.000		2863133.19		P	0.6
7	☐	1.000		2878004.47		P	0.9
8	☐	1.000		2850657.04		P	0.2
9	☐	1.000		2631086.78		P	1.0

115 In (ISTD) [No Gas]

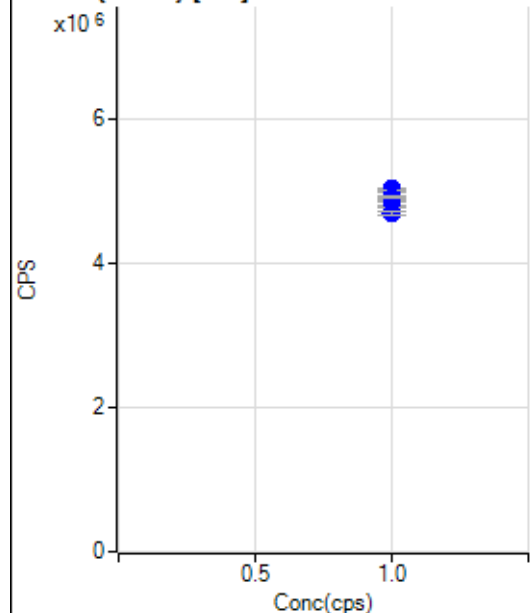
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7321900.87		A	1.1
2	☐	1.000					
3	☐	1.000		7359878.63		A	0.5
4	☐	1.000		7359363.40		A	0.4
5	☐	1.000		7293077.32		A	0.5
6	☐	1.000		7130642.92		A	1.1
7	☐	1.000		6879755.89		A	0.4
8	☐	1.000		6887181.46		A	0.3
9	☐	1.000		6539832.17		A	0.3

115 In (ISTD) [He]

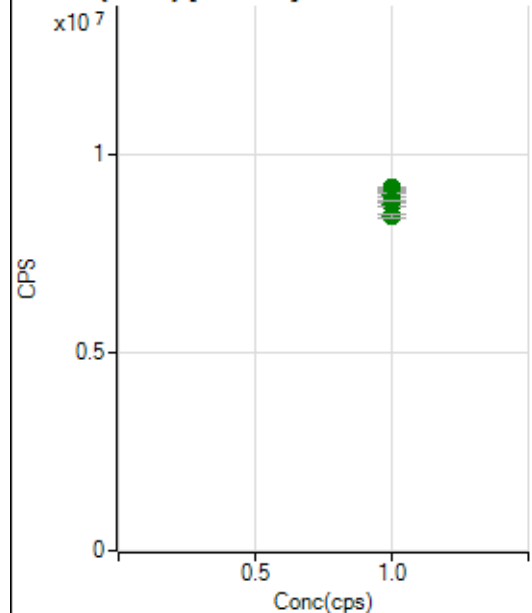
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1503266.02		P	0.2
2	☐	1.000					
3	☐	1.000		1493726.01		P	0.5
4	☐	1.000		1502973.76		P	0.2
5	☐	1.000		1492733.67		P	0.2
6	☐	1.000		1418076.92		P	0.9
7	☐	1.000		1425749.58		P	0.8
8	☐	1.000		1413722.54		P	0.5
9	☐	1.000		1381146.45		P	1.4

159 Tb (ISTD) [No Gas]

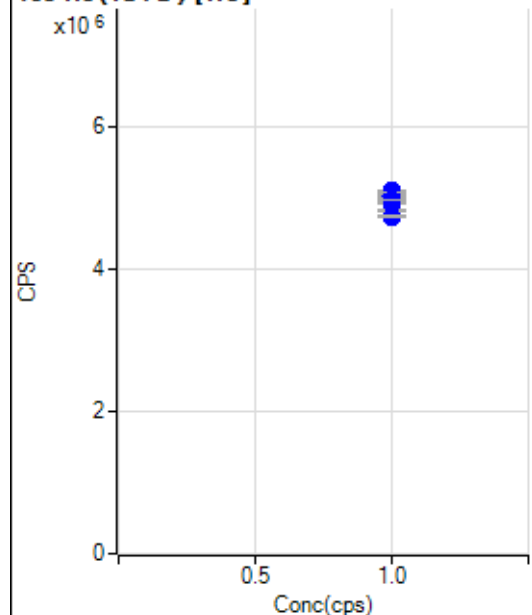
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9577909.30		A	0.8
2	☐	1.000					
3	☐	1.000		9591260.27		A	0.4
4	☐	1.000		9657581.52		A	0.6
5	☐	1.000		9621658.40		A	0.4
6	☐	1.000		9426595.27		A	1.9
7	☐	1.000		9214606.39		A	0.8
8	☐	1.000		9249468.41		A	0.6
9	☐	1.000		8855092.09		A	0.5

159 Tb (ISTD) [He]

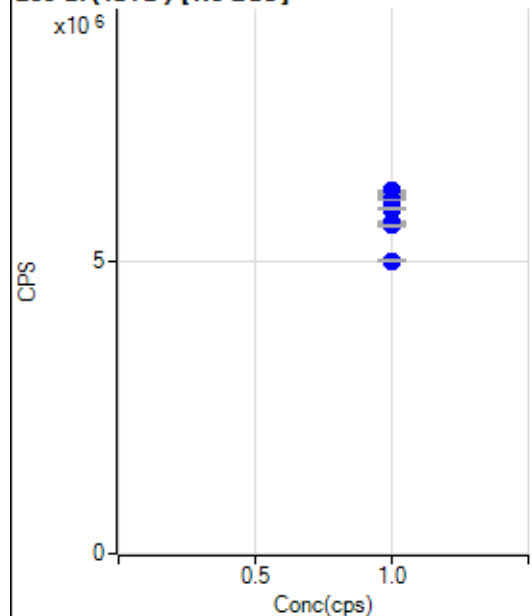
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5010072.25		P	0.4
2	☐	1.000					
3	☐	1.000		4991898.88		P	0.3
4	☐	1.000		5033565.37		P	0.7
5	☐	1.000		5020980.34		P	0.2
6	☐	1.000		4783492.12		P	0.6
7	☐	1.000		4865111.91		P	0.6
8	☐	1.000		4918695.55		P	0.5
9	☐	1.000		4685254.72		P	1.1

165 Ho (ISTD) [No Gas]

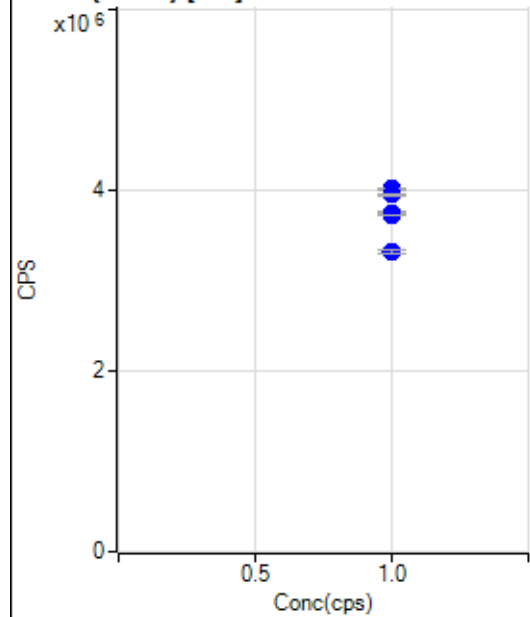
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9156249.25		A	0.5
2	☐	1.000					
3	☐	1.000		9035216.87		A	0.3
4	☐	1.000		9142889.36		A	0.5
5	☐	1.000		9073873.38		A	0.1
6	☐	1.000		8978245.86		A	0.5
7	☐	1.000		8732741.95		A	1.0
8	☐	1.000		8828820.16		A	0.4
9	☐	1.000		8439654.35		A	0.8

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5043125.13		P	0.7
2	☐	1.000					
3	☐	1.000		5024497.94		P	0.9
4	☐	1.000		5094206.90		P	0.5
5	☐	1.000		5077428.05		P	0.4
6	☐	1.000		4826291.56		P	0.4
7	☐	1.000		4924185.93		P	0.6
8	☐	1.000		4963322.46		P	0.3
9	☐	1.000		4737881.60		P	0.7

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6207268.73		P	0.8
2	☐	1.000					
3	☐	1.000		6105371.02		P	0.4
4	☐	1.000		6139323.03		P	0.5
5	☐	1.000		6064913.59		P	0.1
6	☐	1.000		5902805.26		P	0.7
7	☐	1.000		5668589.98		P	0.7
8	☐	1.000		5619777.69		P	0.6
9	☐	1.000		5015229.09		P	0.5

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4003438.10		P	0.6
2	☐	1.000					
3	☐	1.000		3954331.95		P	0.4
4	☐	1.000		4008560.70		P	0.6
5	☐	1.000		3950032.30		P	0.4
6	☐	1.000		3723462.69		P	0.6
7	☐	1.000		3746360.19		P	0.6
8	☐	1.000		3711207.34		P	0.1
9	☐	1.000		3310227.83		P	1.2

US EPA Tune Check Sample Report

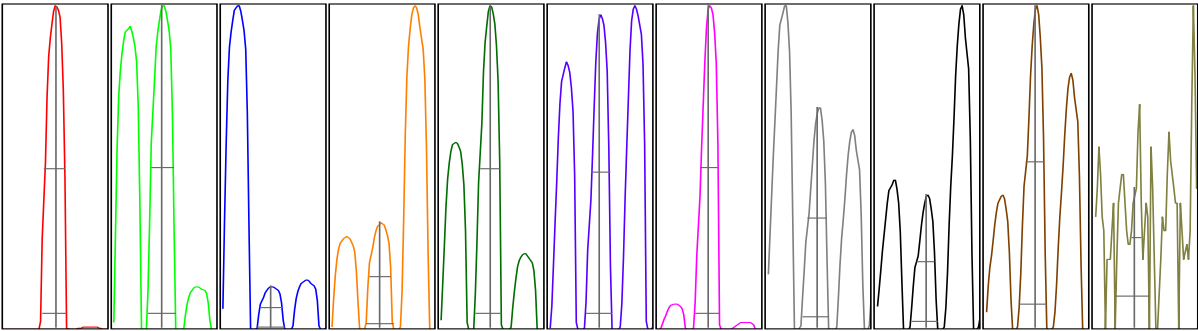
Batch Folder D:\ICP-MS Data\P7072517.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	5429	0.43	5.00	
24	48302	0.26	5.00	
25	6281	0.60	5.00	
26	7206	0.47	5.00	
59	58623	0.38	5.00	
113	7767	0.47	5.00	
115	101245	0.37	5.00	
206	23771	0.78	5.00	
207	21636	0.95	5.00	
208	51538	1.02	5.00	
220	0	23.39		

	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
Mass	Count	Count	Count	Count	Count
9	5416	5414	5463	5408	5445
24	48187	48153	48367	48442	48363
25	6231	6253	6317	6311	6293
26	7238	7159	7189	7238	7205
59	58464	58551	58596	58497	59007
113	7758	7788	7811	7713	7765
115	100777	101184	101514	101039	101711
206	23464	23843	23839	23755	23956
207	21312	21547	21787	21748	21785
208	50753	51355	51676	51744	52160
220	0	0	0	0	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	9432	9.05	8.9 - 9.1		0.740	0.900	
24	78460	23.95	23.9 - 24.1		0.821	0.900	
25	10337	24.95	24.9 - 25.1		0.784	0.900	
26	11887	25.95	25.9 - 26.1		0.772	0.900	
59	103019	59.00	58.9 - 59.1		0.774	0.900	
113	15129	113.00	112.9 - 113.1		0.760	0.900	
115	198012	115.00	114.9 - 115.1		0.717	0.900	
206	45979	206.00	205.9 - 206.1		0.775	0.900	
207	41510	207.00	206.9 - 207.1		0.773	0.900	
208	99961	208.00	207.9 - 208.1		0.779	0.900	
220	1	219.70	-		0.961		

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	8.9	V	Deflect	14.2	V
Extract 2	-135.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-65	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	13673	2.03	
89	9478	2.28	
205	23063	1.53	

	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
Mass	Count	Count	Count	Count	Count
59	13187	13883	13781	13782	13735
89	9104	9642	9486	9580	9576
205	22449	23255	23137	23334	23139

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	9.8	V	Deflect	1.8	V
Extract 2	-155.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-75	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 :	LB89007	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:30:23	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.09	-0.09	0.18	0.00	N/A	ppb
Antimony	121-1	0.00	-0.01	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.02	0.01	0.01	0.00	N/A	ppb
Barium	135-1	-0.01	0.01	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	0.03	0.04	-0.06	0.00	N/A	ppb
Boron	10-1	-0.24	0.15	0.09	0.00	N/A	ppb
Cadmium	106-1	-0.39	-0.39	0.78	0.00	N/A	ppb
Cadmium	108-1	-0.06	0.15	-0.09	0.00	N/A	ppb
Cadmium	111-1	-0.03	-0.03	0.06	0.00	N/A	ppb
Calcium	43-1	3.11	-2.12	-0.98	0.00	N/A	ppb
Calcium	44-1	0.45	0.15	-0.60	0.00	N/A	ppb
Chromium	52-2	-0.02	0.02	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.00	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.05	-0.03	0.08	0.00	N/A	ppb
Iron	57-2	0.26	-0.36	0.10	0.00	N/A	ppb
Lead	206-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lead	207-1	0.01	-0.01	0.00	0.00	N/A	ppb
Lead	208-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lithium	6-1						%
Magnesium	24-2	-0.39	-0.43	0.83	0.00	N/A	ppb
Manganese	55-2	-0.05	0.04	0.00	0.00	N/A	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:30:23	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	-0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	-0.01	0.01	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.12	-0.08	-0.04	0.00	N/A	ppb
Phosphorus	31-2	-3.80	8.65	-3.95	0.30	2418.98	ppb
Potassium	39-2	5.01	-5.02	0.01	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	-0.06	-0.42	0.49	0.00	N/A	ppb
Selenium	82-1	0.16	0.20	-0.36	0.00	N/A	ppb
Silicon	28-1	2.84	-0.87	-1.97	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	1.13	-1.96	0.83	0.00	N/A	ppb
Strontium	86-1	0.00	0.02	-0.02	0.00	N/A	ppb
Strontium	88-1	0.00	-0.01	0.00	0.00	N/A	ppb
Sulfur	34-1	42.76	-65.22	102.29	26.61	319.12	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	-0.01	-0.01	0.02	0.00	N/A	ppb
Titanium	47-1	-0.02	0.01	0.01	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	-0.06	-0.01	0.06	0.00	N/A	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	N/A	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:30:23	DataFile Name :	003CALB.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 :	LB89007	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:38:04	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.09	16.49	17.80	17.79	7.28	ppb
Antimony	121-1	1.81	1.81	1.80	1.81	0.46	ppb
Arsenic	75-2	1.04	1.03	0.89	0.99	8.53	ppb
Barium	135-1	8.90	8.83	9.21	8.98	2.26	ppb
Barium	137-1	8.78	8.76	9.00	8.85	1.51	ppb
Beryllium	9-1	0.97	0.98	0.89	0.95	4.94	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	21.58	21.71	20.97	21.42	1.85	ppb
Boron	10-1	21.25	20.52	20.39	20.72	2.24	ppb
Cadmium	106-1	-0.68	0.02	0.43	-0.07		ppb
Cadmium	108-1	0.72	0.94	1.22	0.96	26.25	ppb
Cadmium	111-1	0.93	0.86	0.91	0.90	4.37	ppb
Calcium	43-1	431.82	450.17	449.20	443.73	2.33	ppb
Calcium	44-1	433.01	441.79	447.00	440.60	1.60	ppb
Chromium	52-2	1.82	1.92	1.90	1.88	2.71	ppb
Cobalt	59-2	0.94	0.89	0.96	0.93	4.07	ppb
Copper	63-2	2.15	2.15	2.24	2.18	2.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	47.23	46.70	47.01	46.98	0.57	ppb
Iron	57-2	46.61	49.04	48.33	47.99	2.61	ppb
Lead	206-1	2.25	2.22	2.17	2.21	1.66	ppb
Lead	207-1	2.16	2.18	2.14	2.16	1.13	ppb
Lead	208-1	2.19	2.22	2.15	2.19	1.75	ppb
Lithium	6-1						%
Magnesium	24-2	441.59	437.39	446.66	441.88	1.05	ppb
Manganese	55-2	0.79	0.82	0.97	0.86	11.11	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:38:04	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	4.22	4.21	4.27	4.24	0.79	ppb
Molybdenum	94-1	2.02	2.03	1.94	1.99	2.56	ppb
Molybdenum	95-1	4.28	4.31	4.35	4.31	0.79	ppb
Molybdenum	96-1	3.74	3.86	3.81	3.80	1.60	ppb
Molybdenum	97-1	4.43	4.26	4.27	4.32	2.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.94	0.46	1.10	0.84	39.83	ppb
Phosphorus	31-2	-1.20	-3.89	4.19	-0.30		ppb
Potassium	39-2	443.59	453.88	450.41	449.29	1.17	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.49	4.87	6.97	5.11	34.38	ppb
Selenium	78-2	6.36	3.83	4.54	4.91	26.56	ppb
Selenium	82-1	4.75	3.90	4.19	4.28	10.11	ppb
Silicon	28-1	7.38	7.56	8.66	7.87	8.84	ppb
Silver	109-1	1.19	1.19	1.17	1.18	0.69	ppb
Silver	107-1	1.18	1.16	1.20	1.18	1.41	ppb
Sodium	23-2	478.72	476.42	475.10	476.75	0.38	ppb
Strontium	86-1	0.94	1.05	0.89	0.96	8.57	ppb
Strontium	88-1	0.93	0.93	0.93	0.93	0.17	ppb
Sulfur	34-1	-54.17	-17.32	-8.34	-26.61		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.93	0.97	0.96	0.95	1.78	ppb
Thallium	205-1	1.00	0.97	1.01	0.99	2.05	ppb
Tin	118-1	4.41	4.19	4.38	4.33	2.76	ppb
Titanium	47-1	4.51	4.34	4.54	4.46	2.48	ppb
Uranium	238-1	0.90	0.86	0.87	0.88	2.57	ppb
Vanadium	51-2	4.58	4.37	4.61	4.52	2.85	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.17	2.22	2.34	2.24	3.95	ppb
Zirconium	90-1	0.92	0.89	0.93	0.91	2.17	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:38:04	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.89	0.89	0.97	0.91	4.99	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:41:53	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1003.53	1000.53	971.15	991.73	1.80	ppb
Antimony	121-1	47.61	48.69	48.70	48.33	1.30	ppb
Arsenic	75-2	49.63	50.07	49.55	49.75	0.56	ppb
Barium	135-1	241.43	243.60	243.49	242.84	0.50	ppb
Barium	137-1	244.01	246.63	246.23	245.63	0.57	ppb
Beryllium	9-1	50.31	50.18	49.79	50.09	0.54	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	47.15	47.47	48.06	47.56	0.97	ppb
Boron	10-1	46.36	47.59	44.72	46.22	3.12	ppb
Cadmium	106-1	49.02	49.54	50.41	49.66	1.41	ppb
Cadmium	108-1	51.79	49.82	51.42	51.01	2.04	ppb
Cadmium	111-1	51.48	50.75	51.56	51.26	0.88	ppb
Calcium	43-1	4967.45	4927.22	4904.86	4933.18	0.64	ppb
Calcium	44-1	5026.77	4960.94	4984.42	4990.71	0.67	ppb
Chromium	52-2	50.87	52.25	50.73	51.28	1.64	ppb
Cobalt	59-2	51.80	53.01	51.79	52.20	1.35	ppb
Copper	63-2	104.97	107.03	104.73	105.58	1.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2677.49	2731.18	2673.43	2694.03	1.20	ppb
Iron	57-2	2556.83	2639.83	2618.28	2604.98	1.65	ppb
Lead	206-1	48.44	48.39	49.13	48.65	0.85	ppb
Lead	207-1	48.28	47.98	47.75	48.00	0.56	ppb
Lead	208-1	48.09	48.03	48.36	48.16	0.36	ppb
Lithium	6-1						%
Magnesium	24-2	4989.83	5087.96	4951.09	5009.63	1.41	ppb
Manganese	55-2	102.06	103.13	100.37	101.85	1.37	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:41:53	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	48.70	48.35	48.27	48.44	0.47	ppb
Molybdenum	94-1	48.65	47.86	48.14	48.22	0.83	ppb
Molybdenum	95-1	49.77	49.28	48.31	49.12	1.50	ppb
Molybdenum	96-1	48.98	48.64	48.12	48.58	0.89	ppb
Molybdenum	97-1	50.14	49.93	49.36	49.81	0.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.84	54.28	53.11	53.41	1.44	ppb
Phosphorus	31-2	1046.19	1107.00	1012.02	1055.07	4.56	ppb
Potassium	39-2	2485.39	2550.11	2487.63	2507.71	1.47	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	58.52	50.89	51.24	53.55	8.04	ppb
Selenium	78-2	49.97	52.62	52.89	51.82	3.12	ppb
Selenium	82-1	51.12	53.20	49.41	51.24	3.70	ppb
Silicon	28-1	53.67	53.38	53.82	53.62	0.43	ppb
Silver	109-1	50.53	51.35	51.61	51.16	1.10	ppb
Silver	107-1	49.82	49.94	50.29	50.02	0.48	ppb
Sodium	23-2	5149.04	5204.44	5113.12	5155.53	0.89	ppb
Strontium	86-1	50.09	49.42	48.98	49.49	1.13	ppb
Strontium	88-1	50.32	49.67	49.41	49.80	0.95	ppb
Sulfur	34-1	1032.84	928.75	1030.82	997.47	5.97	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	47.49	47.65	47.56	47.57	0.16	ppb
Thallium	205-1	49.07	48.51	48.65	48.74	0.60	ppb
Tin	118-1	48.54	49.14	49.09	48.92	0.68	ppb
Titanium	47-1	51.17	49.44	49.56	50.06	1.93	ppb
Uranium	238-1	47.22	46.82	46.99	47.01	0.42	ppb
Vanadium	51-2	50.51	51.68	49.74	50.65	1.93	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	104.12	105.48	104.49	104.70	0.67	ppb
Zirconium	90-1	48.00	47.82	48.31	48.05	0.52	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:41:53	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	47.97	47.81	47.94	47.91	0.18	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:45:41	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2403.71	2428.95	2410.99	2414.55	0.54	ppb
Antimony	121-1	121.27	122.64	121.66	121.86	0.58	ppb
Arsenic	75-2	125.93	126.96	123.31	125.40	1.50	ppb
Barium	135-1	604.90	606.68	607.18	606.25	0.20	ppb
Barium	137-1	616.43	613.66	614.24	614.78	0.24	ppb
Beryllium	9-1	123.82	124.81	123.90	124.18	0.44	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	117.10	121.54	118.67	119.11	1.89	ppb
Boron	10-1	118.41	120.03	118.71	119.05	0.73	ppb
Cadmium	106-1	123.70	125.44	128.92	126.02	2.11	ppb
Cadmium	108-1	125.82	127.78	127.96	127.18	0.93	ppb
Cadmium	111-1	124.19	126.97	127.42	126.20	1.39	ppb
Calcium	43-1	11996.78	12119.61	12137.12	12084.50	0.63	ppb
Calcium	44-1	12421.07	12421.90	12429.61	12424.19	0.04	ppb
Chromium	52-2	125.01	125.13	125.98	125.37	0.42	ppb
Cobalt	59-2	126.00	126.78	126.10	126.29	0.33	ppb
Copper	63-2	254.79	257.38	255.48	255.88	0.52	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	6522.84	6500.05	6478.28	6500.39	0.34	ppb
Iron	57-2	6378.31	6410.92	6332.51	6373.91	0.62	ppb
Lead	206-1	120.54	121.36	121.17	121.02	0.35	ppb
Lead	207-1	119.25	119.86	120.26	119.79	0.43	ppb
Lead	208-1	119.75	120.06	120.49	120.10	0.31	ppb
Lithium	6-1						%
Magnesium	24-2	12206.10	12301.41	12233.73	12247.08	0.40	ppb
Manganese	55-2	248.94	248.77	251.37	249.69	0.58	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:45:41	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	122.30	120.65	121.28	121.41	0.69	ppb
Molybdenum	94-1	120.57	119.89	121.25	120.57	0.56	ppb
Molybdenum	95-1	123.33	121.57	122.00	122.30	0.75	ppb
Molybdenum	96-1	122.15	120.39	120.66	121.07	0.78	ppb
Molybdenum	97-1	122.65	121.90	123.05	122.53	0.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	129.24	130.06	128.93	129.41	0.45	ppb
Phosphorus	31-2	2331.88	2595.84	2496.12	2474.61	5.39	ppb
Potassium	39-2	6078.60	6131.65	6100.79	6103.68	0.44	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	120.47	119.34	125.93	121.92	2.89	ppb
Selenium	78-2	124.07	130.42	131.66	128.72	3.17	ppb
Selenium	82-1	124.83	126.19	128.13	126.38	1.31	ppb
Silicon	28-1	138.53	139.95	139.74	139.41	0.55	ppb
Silver	109-1	125.49	127.54	125.44	126.16	0.95	ppb
Silver	107-1	123.85	124.87	124.18	124.30	0.42	ppb
Sodium	23-2	12633.42	12698.32	12589.72	12640.49	0.43	ppb
Strontium	86-1	124.15	123.56	123.81	123.84	0.24	ppb
Strontium	88-1	124.36	124.15	125.49	124.67	0.58	ppb
Sulfur	34-1	2200.40	2244.53	2208.47	2217.80	1.06	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	118.49	119.88	119.24	119.20	0.58	ppb
Thallium	205-1	121.73	122.84	122.51	122.36	0.47	ppb
Tin	118-1	121.23	121.93	121.42	121.53	0.30	ppb
Titanium	47-1	121.03	122.16	122.53	121.91	0.64	ppb
Uranium	238-1	118.93	119.06	119.19	119.06	0.11	ppb
Vanadium	51-2	123.11	124.24	123.49	123.61	0.47	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	256.31	256.09	259.80	257.40	0.81	ppb
Zirconium	90-1	120.88	120.08	121.07	120.67	0.44	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:45:41	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	120.19	120.83	121.67	120.90	0.61	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:49:25	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4824.52	4934.35	4815.23	4858.03	1.36	ppb
Antimony	121-1	245.31	247.71	251.81	248.28	1.32	ppb
Arsenic	75-2	248.10	252.69	250.25	250.34	0.92	ppb
Barium	135-1	1211.71	1229.02	1250.72	1230.49	1.59	ppb
Barium	137-1	1231.87	1248.42	1271.09	1250.46	1.57	ppb
Beryllium	9-1	250.15	249.21	248.79	249.38	0.28	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	236.93	245.95	246.72	243.20	2.24	ppb
Boron	10-1	239.82	244.14	254.73	246.23	3.11	ppb
Cadmium	106-1	244.11	244.79	258.66	249.19	3.30	ppb
Cadmium	108-1	249.87	252.43	249.88	250.73	0.59	ppb
Cadmium	111-1	252.19	253.42	257.22	254.28	1.03	ppb
Calcium	43-1	24295.41	24268.44	24541.05	24368.30	0.62	ppb
Calcium	44-1	24891.82	24484.02	24999.55	24791.80	1.10	ppb
Chromium	52-2	252.11	255.58	246.15	251.28	1.90	ppb
Cobalt	59-2	254.24	258.12	249.55	253.97	1.69	ppb
Copper	63-2	511.30	523.58	502.98	512.62	2.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	13080.46	13275.26	12813.62	13056.44	1.78	ppb
Iron	57-2	12735.58	13076.79	12644.26	12818.88	1.78	ppb
Lead	206-1	246.80	244.31	243.91	245.00	0.64	ppb
Lead	207-1	244.90	241.96	243.64	243.50	0.61	ppb
Lead	208-1	245.44	243.28	243.65	244.13	0.47	ppb
Lithium	6-1						%
Magnesium	24-2	24798.63	24984.59	24206.56	24663.26	1.65	ppb
Manganese	55-2	503.15	512.78	494.78	503.57	1.79	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:49:25	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	243.83	247.12	248.27	246.41	0.94	ppb
Molybdenum	94-1	244.57	246.03	247.43	246.01	0.58	ppb
Molybdenum	95-1	247.13	249.20	249.68	248.67	0.54	ppb
Molybdenum	96-1	245.87	246.06	246.93	246.29	0.23	ppb
Molybdenum	97-1	246.26	247.62	250.61	248.17	0.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	257.32	262.24	251.42	256.99	2.11	ppb
Phosphorus	31-2	4932.07	5158.67	5041.45	5044.06	2.25	ppb
Potassium	39-2	12479.47	12595.63	12222.60	12432.57	1.54	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	264.12	267.38	287.67	273.06	4.67	ppb
Selenium	78-2	264.13	253.49	260.87	259.50	2.10	ppb
Selenium	82-1	251.43	254.45	255.96	253.95	0.91	ppb
Silicon	28-1	288.15	288.85	298.12	291.70	1.91	ppb
Silver	109-1	252.68	254.36	258.63	255.22	1.20	ppb
Silver	107-1	246.60	250.24	254.47	250.44	1.57	ppb
Sodium	23-2	25390.29	25274.35	24456.42	25040.35	2.03	ppb
Strontium	86-1	249.38	247.54	251.14	249.35	0.72	ppb
Strontium	88-1	252.62	253.08	257.07	254.26	0.96	ppb
Sulfur	34-1	4718.93	4643.74	4704.46	4689.05	0.85	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	242.93	241.22	241.87	242.01	0.36	ppb
Thallium	205-1	250.98	248.67	248.75	249.47	0.53	ppb
Tin	118-1	242.37	244.96	249.66	245.66	1.50	ppb
Titanium	47-1	246.86	246.87	251.15	248.30	1.00	ppb
Uranium	238-1	248.04	245.74	245.13	246.30	0.62	ppb
Vanadium	51-2	249.00	253.35	246.33	249.56	1.42	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	515.36	521.61	505.99	514.32	1.53	ppb
Zirconium	90-1	245.20	246.20	246.97	246.12	0.36	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:49:25	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	246.55	244.92	247.26	246.25	0.49	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:53:06	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9592.68	9634.03	9572.85	9599.85	0.33	ppb
Antimony	121-1	499.52	505.78	499.97	501.76	0.70	ppb
Arsenic	75-2	498.50	498.04	500.95	499.16	0.31	ppb
Barium	135-1	2498.74	2517.81	2470.44	2495.66	0.96	ppb
Barium	137-1	2499.53	2507.76	2467.86	2491.72	0.85	ppb
Beryllium	9-1	497.12	499.95	506.72	501.26	0.98	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	481.33	499.35	506.88	495.85	2.65	ppb
Boron	10-1	487.52	492.99	506.20	495.57	1.94	ppb
Cadmium	106-1	502.75	497.99	501.64	500.79	0.50	ppb
Cadmium	108-1	513.30	515.22	505.65	511.39	0.99	ppb
Cadmium	111-1	506.40	509.23	502.06	505.89	0.71	ppb
Calcium	43-1	49443.49	49362.40	49189.76	49331.89	0.26	ppb
Calcium	44-1	49452.84	49814.98	49935.07	49734.30	0.50	ppb
Chromium	52-2	504.48	498.53	501.55	501.52	0.59	ppb
Cobalt	59-2	505.17	500.47	501.51	502.38	0.49	ppb
Copper	63-2	1014.44	1004.94	1008.92	1009.44	0.47	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	25793.97	25702.52	25607.13	25701.20	0.36	ppb
Iron	57-2	25544.49	25412.42	25443.59	25466.83	0.27	ppb
Lead	206-1	488.89	501.02	504.34	498.08	1.63	ppb
Lead	207-1	488.40	500.57	500.41	496.46	1.41	ppb
Lead	208-1	493.98	503.47	505.09	500.84	1.20	ppb
Lithium	6-1						%
Magnesium	24-2	49205.18	48936.85	49003.75	49048.59	0.28	ppb
Manganese	55-2	1005.22	1003.04	996.92	1001.72	0.43	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:53:06	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	492.17	494.92	502.14	496.41	1.04	ppb
Molybdenum	94-1	493.36	490.90	499.85	494.70	0.93	ppb
Molybdenum	95-1	495.82	494.29	502.66	497.59	0.90	ppb
Molybdenum	96-1	493.03	492.96	499.60	495.20	0.77	ppb
Molybdenum	97-1	495.05	491.87	504.56	497.16	1.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.96	501.81	504.16	504.65	0.61	ppb
Phosphorus	31-2	9804.32	9980.47	10035.68	9940.16	1.22	ppb
Potassium	39-2	25019.59	25157.92	24990.56	25056.02	0.36	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	512.68	500.43	522.12	511.74	2.13	ppb
Selenium	78-2	514.02	498.27	511.91	508.07	1.68	ppb
Selenium	82-1	500.69	496.77	507.46	501.64	1.08	ppb
Silicon	28-1	600.25	606.20	604.72	603.72	0.51	ppb
Silver	109-1	509.93	513.29	505.02	509.41	0.82	ppb
Silver	107-1	501.57	500.41	498.90	500.29	0.27	ppb
Sodium	23-2	50184.34	49658.47	49693.35	49845.38	0.59	ppb
Strontium	86-1	501.16	498.53	499.77	499.82	0.26	ppb
Strontium	88-1	498.11	500.62	508.55	502.43	1.08	ppb
Sulfur	34-1	10037.80	10144.37	9986.02	10056.06	0.80	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	486.97	496.68	496.51	493.38	1.13	ppb
Thallium	205-1	489.76	500.30	506.62	498.89	1.71	ppb
Tin	118-1	494.69	498.61	491.65	494.99	0.71	ppb
Titanium	47-1	500.71	498.60	506.63	501.98	0.83	ppb
Uranium	238-1	488.86	495.22	501.06	495.05	1.23	ppb
Vanadium	51-2	501.16	497.40	496.02	498.19	0.53	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1015.61	1013.37	1011.47	1013.48	0.20	ppb
Zirconium	90-1	493.84	493.91	500.81	496.19	0.81	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:53:06	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	492.91	489.91	499.11	493.98	0.95	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:56:44	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20289.74	20136.57	19923.07	20116.46	0.92	ppb
Antimony	121-1	1000.55	1003.22	996.31	1000.03	0.35	ppb
Arsenic	75-2	1009.46	989.70	1001.73	1000.30	1.00	ppb
Barium	135-1	5058.40	4985.56	4985.30	5009.75	0.84	ppb
Barium	137-1	5066.26	4954.60	4995.72	5005.53	1.13	ppb
Beryllium	9-1	1004.02	996.76	998.09	999.62	0.39	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	990.05	1011.85	1012.27	1004.72	1.26	ppb
Boron	10-1	990.88	1003.89	1017.82	1004.20	1.34	ppb
Cadmium	106-1	1009.14	995.81	994.14	999.70	0.82	ppb
Cadmium	108-1	1000.69	989.90	990.80	993.80	0.60	ppb
Cadmium	111-1	1002.04	996.63	988.64	995.77	0.68	ppb
Calcium	43-1	97855.42	98250.20	99113.50	98406.37	0.65	ppb
Calcium	44-1	98867.27	99072.61	99333.94	99091.27	0.24	ppb
Chromium	52-2	1008.49	996.74	991.20	998.81	0.88	ppb
Cobalt	59-2	1004.67	993.59	994.38	997.55	0.62	ppb
Copper	63-2	2005.88	1980.17	1987.29	1991.11	0.67	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	51862.45	50888.37	51143.47	51298.10	0.98	ppb
Iron	57-2	51288.89	50661.01	50614.62	50854.84	0.74	ppb
Lead	206-1	1010.63	998.78	998.90	1002.77	0.68	ppb
Lead	207-1	1009.30	1005.67	997.46	1004.15	0.60	ppb
Lead	208-1	1007.37	1001.26	996.61	1001.75	0.54	ppb
Lithium	6-1						%
Magnesium	24-2	97531.21	96836.51	95650.39	96672.70	0.98	ppb
Manganese	55-2	2010.81	1994.86	1988.90	1998.19	0.57	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:56:44	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	998.27	1002.97	1008.43	1003.22	0.51	ppb
Molybdenum	94-1	1011.99	988.68	1012.24	1004.30	1.35	ppb
Molybdenum	95-1	1007.06	996.63	1002.08	1001.92	0.52	ppb
Molybdenum	96-1	1003.07	1001.51	1007.11	1003.90	0.29	ppb
Molybdenum	97-1	1001.53	998.46	1006.62	1002.20	0.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1006.17	988.69	990.77	995.21	0.96	ppb
Phosphorus	31-2	20108.24	20143.78	19805.95	20019.32	0.93	ppb
Potassium	39-2	49188.31	48930.80	48698.47	48939.19	0.50	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1024.16	969.07	972.49	988.57	3.12	ppb
Selenium	78-2	992.81	999.48	986.82	993.04	0.64	ppb
Selenium	82-1	999.32	989.45	1005.11	997.96	0.79	ppb
Silicon	28-1	934.97	940.50	931.79	935.75	0.47	ppb
Silver	109-1	1008.23	992.55	980.57	993.79	1.40	ppb
Silver	107-1	1006.93	998.21	994.35	999.83	0.64	ppb
Sodium	23-2	99653.33	98597.46	98080.62	98777.14	0.81	ppb
Strontium	86-1	998.35	998.85	1004.07	1000.42	0.32	ppb
Strontium	88-1	994.83	999.79	998.71	997.77	0.26	ppb
Sulfur	34-1	19949.28	20120.37	20185.67	20085.11	0.61	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1013.57	995.55	1009.34	1006.15	0.94	ppb
Thallium	205-1	1011.33	996.15	995.76	1001.08	0.89	ppb
Tin	118-1	1006.41	1002.60	1003.23	1004.08	0.20	ppb
Titanium	47-1	1001.83	997.56	1000.07	999.82	0.21	ppb
Uranium	238-1	1006.06	1001.16	1005.66	1004.29	0.27	ppb
Vanadium	51-2	1009.76	999.02	994.69	1001.16	0.77	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2012.18	1973.65	1979.72	1988.52	1.04	ppb
Zirconium	90-1	1008.87	994.71	1006.96	1003.51	0.77	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:56:44	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1007.25	998.11	1008.34	1004.57	0.56	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:00:17	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	101612.42	99262.45	99203.26	100026.04	1.37	ppb
Antimony	121-1	3.70	3.68	3.58	3.65	1.78	ppb
Arsenic	75-2	0.72	0.72	0.72	0.72	0.09	ppb
Barium	135-1	2.58	2.46	2.29	2.44	6.12	ppb
Barium	137-1	2.48	2.47	2.54	2.50	1.44	ppb
Beryllium	9-1	1.06	1.17	1.01	1.08	7.36	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	59.35	55.73	54.36	56.48	4.56	ppb
Boron	10-1	61.21	57.10	52.72	57.01	7.44	ppb
Cadmium	106-1	-0.07	2.55	1.85	1.44	94.06	ppb
Cadmium	108-1	0.10	0.35	0.32	0.25	54.56	ppb
Cadmium	111-1	0.26	0.46	0.42	0.38	27.29	ppb
Calcium	43-1	498830.47	501256.90	501197.33	500428.23	0.28	ppb
Calcium	44-1	498824.68	500189.48	501648.15	500220.77	0.28	ppb
Chromium	52-2	30.19	29.51	29.13	29.61	1.81	ppb
Cobalt	59-2	1.70	1.70	1.73	1.71	1.05	ppb
Copper	63-2	4.40	4.33	4.15	4.29	2.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	255021.05	247038.86	246842.81	249634.24	1.87	ppb
Iron	57-2	254564.16	248385.36	246337.26	249762.26	1.71	ppb
Lead	206-1	1.97	2.01	2.12	2.03	3.97	ppb
Lead	207-1	2.04	1.97	2.00	2.01	1.76	ppb
Lead	208-1	1.98	2.00	2.01	2.00	0.60	ppb
Lithium	6-1						%
Magnesium	24-2	507244.68	498197.28	496909.21	500783.72	1.12	ppb
Manganese	55-2	10.49	10.10	10.16	10.25	2.02	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:00:17	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	5.29	5.30	5.24	5.28	0.60	ppb
Molybdenum	94-1	1.97	1.99	1.99	1.98	0.49	ppb
Molybdenum	95-1	5.57	5.47	5.38	5.47	1.74	ppb
Molybdenum	96-1	5.67	5.95	5.86	5.83	2.48	ppb
Molybdenum	97-1	5.45	5.35	5.34	5.38	1.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	16.22	15.25	15.82	15.76	3.10	ppb
Phosphorus	31-2	2.67	-27.40	0.62	-8.04		ppb
Potassium	39-2	255100.69	247733.67	247806.47	250213.61	1.69	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.70	0.71	0.47	86.60	ppb
Selenium	78-2	2.70	-0.23	0.58	1.02	148.82	ppb
Selenium	82-1	2.46	2.55	1.48	2.16	27.42	ppb
Silicon	28-1	40.06	41.55	43.17	41.60	3.74	ppb
Silver	109-1	0.19	0.22	0.19	0.20	6.89	ppb
Silver	107-1	0.18	0.22	0.24	0.21	13.62	ppb
Sodium	23-2	508566.51	499257.76	492934.65	500252.97	1.57	ppb
Strontium	86-1	33.59	33.52	32.80	33.30	1.31	ppb
Strontium	88-1	33.37	33.83	34.03	33.74	1.00	ppb
Sulfur	34-1	-86.96	-27.30	28.70	-28.52		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.85	0.77	0.78	0.80	5.14	ppb
Thallium	205-1	0.86	0.84	0.78	0.83	4.98	ppb
Tin	118-1	1.64	1.58	1.55	1.59	3.02	ppb
Titanium	47-1	1.99	1.89	1.93	1.94	2.44	ppb
Uranium	238-1	0.31	0.28	0.31	0.30	6.23	ppb
Vanadium	51-2	0.65	0.63	0.59	0.62	4.70	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	16.52	15.80	15.21	15.84	4.13	ppb
Zirconium	90-1	0.33	0.28	0.28	0.30	9.36	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
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Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.32	0.29	0.31	0.31	4.67	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:04:00	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	487.01	493.38	472.31	484.23	2.23	ppb
Antimony	121-1	192.86	192.20	192.75	192.60	0.18	ppb
Arsenic	75-2	194.81	197.20	194.50	195.50	0.76	ppb
Barium	135-1	98.18	96.54	95.39	96.70	1.45	ppb
Barium	137-1	99.55	96.79	98.70	98.35	1.44	ppb
Beryllium	9-1	100.03	100.27	97.87	99.39	1.33	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	523.27	523.86	527.86	524.99	0.48	ppb
Boron	10-1	519.27	523.42	537.60	526.77	1.83	ppb
Cadmium	106-1	177.60	175.52	180.76	177.96	1.48	ppb
Cadmium	108-1	143.85	143.08	143.96	143.63	0.33	ppb
Cadmium	111-1	104.69	103.25	106.09	104.68	1.36	ppb
Calcium	43-1	2063.02	2105.95	2076.78	2081.92	1.05	ppb
Calcium	44-1	2035.66	2032.70	2045.17	2037.84	0.32	ppb
Chromium	52-2	97.78	96.24	93.91	95.98	2.03	ppb
Cobalt	59-2	102.30	99.96	98.20	100.15	2.06	ppb
Copper	63-2	102.60	101.73	98.63	100.99	2.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1048.05	1031.84	1010.89	1030.26	1.81	ppb
Iron	57-2	1050.38	1021.18	990.63	1020.73	2.93	ppb
Lead	206-1	193.96	193.42	195.78	194.39	0.64	ppb
Lead	207-1	185.44	185.97	187.59	186.33	0.60	ppb
Lead	208-1	190.06	190.06	190.87	190.33	0.25	ppb
Lithium	6-1						%
Magnesium	24-2	1157.10	1150.56	1111.55	1139.74	2.16	ppb
Manganese	55-2	98.85	96.29	95.05	96.73	2.00	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:04:00	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	454.64	456.43	461.48	457.52	0.77	ppb
Molybdenum	94-1	470.26	480.28	475.78	475.44	1.06	ppb
Molybdenum	95-1	459.11	460.63	460.83	460.19	0.20	ppb
Molybdenum	96-1	459.60	462.01	461.85	461.15	0.29	ppb
Molybdenum	97-1	456.84	463.65	463.00	461.16	0.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.30	100.17	98.75	100.74	2.31	ppb
Phosphorus	31-2	-4.46	-20.20	-6.11	-10.26		ppb
Potassium	39-2	1985.53	1953.44	1926.57	1955.18	1.51	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	205.63	206.44	180.55	197.54	7.45	ppb
Selenium	78-2	197.11	200.60	203.18	200.29	1.52	ppb
Selenium	82-1	201.02	199.58	198.38	199.66	0.66	ppb
Silicon	28-1	505.54	505.72	508.28	506.51	0.30	ppb
Silver	109-1	101.12	100.20	102.42	101.25	1.10	ppb
Silver	107-1	100.49	99.14	100.17	99.93	0.71	ppb
Sodium	23-2	2034.63	2014.39	1957.46	2002.16	2.00	ppb
Strontium	86-1	468.70	471.60	468.09	469.46	0.40	ppb
Strontium	88-1	476.29	476.56	474.80	475.88	0.20	ppb
Sulfur	34-1	-392.53	-358.89	-453.10	-401.51		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	194.53	194.29	194.95	194.59	0.17	ppb
Thallium	205-1	199.96	199.55	200.51	200.01	0.24	ppb
Tin	118-1	471.54	464.71	471.01	469.09	0.81	ppb
Titanium	47-1	462.39	462.25	462.36	462.33	0.02	ppb
Uranium	238-1	471.67	474.84	477.61	474.70	0.63	ppb
Vanadium	51-2	98.54	96.30	94.66	96.50	2.02	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	203.74	201.59	196.39	200.57	1.89	ppb
Zirconium	90-1	483.42	488.81	487.23	486.49	0.57	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:04:00	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	480.76	483.41	483.98	482.72	0.36	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:28:39	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.45	-0.22	0.58	0.27	161.60	ppb
Antimony	121-1	0.08	0.07	0.07	0.07	6.69	ppb
Arsenic	75-2	0.00	0.05	0.02	0.02	110.43	ppb
Barium	135-1	0.00	0.01	0.01	0.00	57.86	ppb
Barium	137-1	0.00	0.01	0.00	0.00	31401.58	ppb
Beryllium	9-1	0.08	0.04	0.12	0.08	50.61	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	3.48	3.47	3.15	3.37	5.68	ppb
Boron	10-1	4.19	4.34	2.76	3.76	23.21	ppb
Cadmium	106-1	0.21	0.07	-0.37	-0.03		ppb
Cadmium	108-1	-0.09	-0.09	-0.06	-0.08		ppb
Cadmium	111-1	0.02	0.01	-0.03	0.00	2897.16	ppb
Calcium	43-1	4.34	-0.97	1.72	1.70	156.81	ppb
Calcium	44-1	1.11	1.93	1.44	1.50	27.66	ppb
Chromium	52-2	-0.01	-0.02	-0.01	-0.01		ppb
Cobalt	59-2	0.01	0.01	-0.01	0.00	348.52	ppb
Copper	63-2	-0.04	-0.02	0.00	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.53	1.32	1.52	1.46	8.04	ppb
Iron	57-2	1.20	1.62	2.56	1.79	38.92	ppb
Lead	206-1	0.04	0.07	0.04	0.05	30.06	ppb
Lead	207-1	0.06	0.05	0.04	0.05	24.09	ppb
Lead	208-1	0.04	0.05	0.04	0.04	10.91	ppb
Lithium	6-1						%
Magnesium	24-2	-9.89	-8.55	-8.65	-9.03		ppb
Manganese	55-2	-0.25	-0.25	-0.28	-0.26		ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:28:39	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.02	0.02	0.03	0.02	25.18	ppb
Molybdenum	94-1	0.01	0.00	0.01	0.01	108.54	ppb
Molybdenum	95-1	0.03	0.03	0.02	0.03	25.70	ppb
Molybdenum	96-1	0.03	0.02	0.02	0.02	27.17	ppb
Molybdenum	97-1	0.04	0.03	0.01	0.03	44.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.46	-0.75	-0.46	-0.56		ppb
Phosphorus	31-2	-9.24	6.31	-6.79	-3.24		ppb
Potassium	39-2	-1.14	0.26	-1.64	-0.84		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.10	0.00	0.00	0.70	173.21	ppb
Selenium	78-2	0.09	0.06	1.20	0.45	145.34	ppb
Selenium	82-1	-0.29	-0.13	0.74	0.11	515.61	ppb
Silicon	28-1	-5.99	-6.95	-6.86	-6.60		ppb
Silver	109-1	0.01	0.00	0.00	0.01	100.03	ppb
Silver	107-1	0.01	0.01	0.01	0.01	4.99	ppb
Sodium	23-2	11.92	13.01	11.50	12.14	6.41	ppb
Strontium	86-1	0.00	-0.02	-0.03	-0.02		ppb
Strontium	88-1	0.01	0.00	0.00	0.00	67.07	ppb
Sulfur	34-1	159.66	110.20	309.99	193.29	53.83	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.02	0.01	0.02	37.75	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	39.00	ppb
Tin	118-1	0.05	0.05	0.07	0.06	20.85	ppb
Titanium	47-1	0.04	0.02	0.03	0.03	41.40	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	130.34	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	126.17	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.06	0.18	0.15	0.13	47.49	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:28:39	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.02	0.00	0.02	87.31	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:32:09	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89820.33	91248.55	90721.78	90596.89	0.80	ppb
Antimony	121-1	1.11	1.18	1.13	1.14	2.98	ppb
Arsenic	75-2	0.35	0.35	0.27	0.33	13.76	ppb
Barium	135-1	1.44	1.43	1.52	1.46	3.34	ppb
Barium	137-1	1.43	1.47	1.42	1.44	1.72	ppb
Beryllium	9-1	0.40	0.30	0.31	0.34	16.38	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	4.21	4.12	4.15	4.16	1.06	ppb
Boron	10-1	3.98	4.06	4.33	4.13	4.44	ppb
Cadmium	106-1	0.40	-1.00	-2.93	-1.18		ppb
Cadmium	108-1	10.91	9.39	9.52	9.94	8.50	ppb
Cadmium	111-1	0.43	0.23	0.16	0.28	50.32	ppb
Calcium	43-1	93179.35	93282.01	92996.17	93152.51	0.16	ppb
Calcium	44-1	94249.20	94414.08	93380.43	94014.57	0.59	ppb
Chromium	52-2	19.46	19.87	19.47	19.60	1.22	ppb
Cobalt	59-2	1.08	1.11	1.20	1.13	5.47	ppb
Copper	63-2	7.86	7.73	7.86	7.82	0.98	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	99823.89	100273.11	100179.26	100092.09	0.24	ppb
Iron	57-2	99490.26	99742.21	100444.60	99892.36	0.50	ppb
Lead	206-1	5.26	5.01	5.14	5.13	2.46	ppb
Lead	207-1	4.67	4.53	4.53	4.57	1.74	ppb
Lead	208-1	4.86	4.71	4.67	4.75	2.13	ppb
Lithium	6-1						%
Magnesium	24-2	93727.51	94063.89	94178.68	93990.03	0.25	ppb
Manganese	55-2	7.27	7.44	7.57	7.42	2.05	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:32:09	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	1879.63	1849.00	1864.61	1864.41	0.82	ppb
Molybdenum	94-1	596.11	587.03	588.57	590.57	0.82	ppb
Molybdenum	95-1	1895.02	1853.31	1876.82	1875.05	1.12	ppb
Molybdenum	96-1	1585.86	1572.66	1577.22	1578.58	0.42	ppb
Molybdenum	97-1	1893.29	1856.69	1872.12	1874.03	0.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.53	3.88	3.67	3.69	4.79	ppb
Phosphorus	31-2	95372.53	97422.21	96387.82	96394.19	1.06	ppb
Potassium	39-2	95228.56	96332.75	95932.95	95831.42	0.58	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.71	0.00	0.24	173.21	ppb
Selenium	78-2	0.62	2.24	0.96	1.27	67.06	ppb
Selenium	82-1	0.09	0.05	-0.01	0.04	116.16	ppb
Silicon	28-1	23.84	23.12	21.86	22.94	4.36	ppb
Silver	109-1	0.06	0.07	0.07	0.06	5.88	ppb
Silver	107-1	0.05	0.07	0.06	0.06	15.99	ppb
Sodium	23-2	96968.70	97708.94	97781.89	97486.51	0.46	ppb
Strontium	86-1	33.08	32.23	31.88	32.40	1.91	ppb
Strontium	88-1	33.39	32.39	33.04	32.94	1.54	ppb
Sulfur	34-1	97361.22	98241.38	96646.59	97416.40	0.82	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.14	0.14	0.15	0.14	4.52	ppb
Thallium	205-1	0.15	0.14	0.13	0.14	4.60	ppb
Tin	118-1	0.37	0.38	0.40	0.38	3.31	ppb
Titanium	47-1	1889.88	1896.86	1899.75	1895.50	0.27	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	1.64	ppb
Vanadium	51-2	0.17	0.16	0.18	0.17	5.26	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	10.88	11.84	11.04	11.25	4.54	ppb
Zirconium	90-1	0.42	0.34	0.31	0.36	15.54	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:32:09	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.36	0.37	0.30	0.34	11.86	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:35:36	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90373.09	89986.50	90420.49	90260.03	0.26	ppb
Antimony	121-1	19.85	19.93	20.12	19.96	0.68	ppb
Arsenic	75-2	19.02	18.68	18.46	18.72	1.51	ppb
Barium	135-1	20.83	20.12	20.79	20.58	1.95	ppb
Barium	137-1	20.75	20.91	20.62	20.76	0.70	ppb
Beryllium	9-1	19.84	20.44	19.35	19.88	2.75	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	48.17	49.29	50.39	49.28	2.25	ppb
Boron	10-1	47.84	47.74	51.68	49.09	4.58	ppb
Cadmium	106-1	24.04	23.68	23.94	23.89	0.76	ppb
Cadmium	108-1	32.37	33.90	31.06	32.45	4.38	ppb
Cadmium	111-1	19.58	19.73	19.99	19.77	1.04	ppb
Calcium	43-1	94342.80	94769.25	95290.07	94800.71	0.50	ppb
Calcium	44-1	95145.92	95480.89	95783.83	95470.21	0.33	ppb
Chromium	52-2	38.60	38.77	38.97	38.78	0.48	ppb
Cobalt	59-2	20.99	20.86	20.88	20.91	0.33	ppb
Copper	63-2	27.89	27.82	27.69	27.80	0.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	100791.36	100275.03	100588.69	100551.69	0.26	ppb
Iron	57-2	99906.15	99981.88	99889.16	99925.73	0.05	ppb
Lead	206-1	25.00	24.94	24.85	24.93	0.32	ppb
Lead	207-1	22.90	22.76	22.93	22.86	0.40	ppb
Lead	208-1	23.63	23.54	23.54	23.57	0.23	ppb
Lithium	6-1						%
Magnesium	24-2	93516.34	93343.86	93628.29	93496.16	0.15	ppb
Manganese	55-2	26.99	27.10	27.14	27.07	0.29	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:35:36	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	1900.80	1913.21	1932.52	1915.51	0.83	ppb
Molybdenum	94-1	636.01	639.69	638.70	638.13	0.30	ppb
Molybdenum	95-1	1912.69	1915.00	1920.33	1916.01	0.20	ppb
Molybdenum	96-1	1627.59	1644.56	1634.21	1635.45	0.52	ppb
Molybdenum	97-1	1919.47	1936.12	1932.34	1929.31	0.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.75	23.28	23.33	23.45	1.11	ppb
Phosphorus	31-2	96336.11	96721.43	96328.98	96462.18	0.23	ppb
Potassium	39-2	95507.33	95013.45	94939.79	95153.52	0.32	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	24.82	15.53	18.29	19.55	24.40	ppb
Selenium	78-2	18.87	15.18	18.69	17.58	11.84	ppb
Selenium	82-1	18.61	19.94	19.02	19.19	3.55	ppb
Silicon	28-1	72.59	71.47	73.45	72.50	1.37	ppb
Silver	109-1	17.85	18.21	18.33	18.13	1.37	ppb
Silver	107-1	18.11	18.08	18.22	18.14	0.40	ppb
Sodium	23-2	96706.06	96508.11	95968.10	96394.09	0.40	ppb
Strontium	86-1	78.44	78.80	78.48	78.57	0.25	ppb
Strontium	88-1	78.68	79.20	79.37	79.08	0.45	ppb
Sulfur	34-1	98848.29	99733.73	100313.49	99631.84	0.74	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	19.95	19.82	19.72	19.83	0.57	ppb
Thallium	205-1	20.46	20.10	20.30	20.29	0.88	ppb
Tin	118-1	44.24	43.97	45.12	44.45	1.35	ppb
Titanium	47-1	1943.07	1960.99	1980.68	1961.58	0.96	ppb
Uranium	238-1	45.73	45.34	45.65	45.58	0.45	ppb
Vanadium	51-2	19.69	19.88	19.77	19.78	0.47	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	31.19	30.28	30.51	30.66	1.54	ppb
Zirconium	90-1	47.33	47.92	48.08	47.78	0.83	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:35:36	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	47.91	47.84	47.52	47.76	0.44	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	CCV53	Instrumnet Name :	P7
Client Sample ID :	CCV53	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:39:03	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48316.40	49389.67	49127.70	48944.59	1.14	ppb
Antimony	121-1	480.25	489.09	486.32	485.22	0.93	ppb
Arsenic	75-2	481.71	494.73	481.75	486.06	1.54	ppb
Barium	135-1	2425.91	2468.16	2461.20	2451.75	0.92	ppb
Barium	137-1	2433.29	2467.24	2472.98	2457.84	0.87	ppb
Beryllium	9-1	501.93	502.97	496.58	500.49	0.69	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	488.66	503.78	503.56	498.66	1.74	ppb
Boron	10-1	482.98	495.58	506.83	495.13	2.41	ppb
Cadmium	106-1	475.05	494.35	489.94	486.45	2.08	ppb
Cadmium	108-1	477.29	480.72	484.80	480.93	0.78	ppb
Cadmium	111-1	471.08	481.61	482.32	478.34	1.32	ppb
Calcium	43-1	238937.51	238940.34	237914.60	238597.48	0.25	ppb
Calcium	44-1	239341.40	239782.94	239306.76	239477.04	0.11	ppb
Chromium	52-2	486.02	499.22	499.54	494.93	1.56	ppb
Cobalt	59-2	470.86	485.10	482.45	479.47	1.58	ppb
Copper	63-2	921.33	950.64	941.92	937.96	1.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	118418.21	122219.39	120072.42	120236.67	1.59	ppb
Iron	57-2	118483.82	121381.64	119897.02	119920.82	1.21	ppb
Lead	206-1	500.95	498.24	496.34	498.51	0.46	ppb
Lead	207-1	503.42	498.08	496.27	499.26	0.74	ppb
Lead	208-1	503.82	501.06	500.06	501.65	0.39	ppb
Lithium	6-1						%
Magnesium	24-2	233266.69	242384.90	240998.95	238883.52	2.06	ppb
Manganese	55-2	955.73	987.22	979.97	974.30	1.69	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	CCV53	Instrumnet Name :	P7
Client Sample ID :	CCV53	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:39:03	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	487.31	489.58	495.65	490.85	0.88	ppb
Molybdenum	94-1	487.15	493.28	497.11	492.51	1.02	ppb
Molybdenum	95-1	490.78	495.66	497.67	494.70	0.72	ppb
Molybdenum	96-1	486.31	493.25	495.19	491.58	0.95	ppb
Molybdenum	97-1	489.72	494.78	498.78	494.43	0.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	466.71	483.49	480.48	476.89	1.88	ppb
Phosphorus	31-2	9660.97	9624.65	10281.88	9855.83	3.75	ppb
Potassium	39-2	117981.46	120317.50	119944.84	119414.60	1.05	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	487.00	484.33	451.01	474.11	4.23	ppb
Selenium	78-2	478.15	493.62	479.89	483.89	1.75	ppb
Selenium	82-1	473.01	478.40	481.83	477.75	0.93	ppb
Silicon	28-1	570.21	573.89	578.41	574.17	0.71	ppb
Silver	109-1	470.71	480.61	479.35	476.89	1.13	ppb
Silver	107-1	464.58	470.11	467.27	467.32	0.59	ppb
Sodium	23-2	240178.99	244929.40	244076.01	243061.47	1.04	ppb
Strontium	86-1	502.27	504.99	502.92	503.39	0.28	ppb
Strontium	88-1	508.93	502.63	507.35	506.30	0.65	ppb
Sulfur	34-1	9882.45	9958.90	10022.85	9954.74	0.71	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	498.19	498.97	493.30	496.82	0.62	ppb
Thallium	205-1	505.43	500.54	503.70	503.22	0.49	ppb
Tin	118-1	478.32	484.78	482.74	481.95	0.69	ppb
Titanium	47-1	495.81	492.81	497.74	495.46	0.50	ppb
Uranium	238-1	510.92	507.82	517.91	512.22	1.01	ppb
Vanadium	51-2	484.00	500.48	493.75	492.74	1.68	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	919.04	952.45	942.76	938.08	1.83	ppb
Zirconium	90-1	488.51	496.84	499.88	495.08	1.19	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	CCV53	Instrumnet Name :	P7
Client Sample ID :	CCV53	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:39:03	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	487.71	491.60	492.22	490.51	0.50	ppb

LB Number : LB89007 Operator : Jaswal
 Lab Sample ID : CCB53 Instrumnet Name : P7
 Client Sample ID : CCB53 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-25 14:42:30 DataFile Name : 017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.24	0.29	0.02	0.02	1056.70	ppb
Antimony	121-1	1.36	1.20	1.07	1.21	11.85	ppb
Arsenic	75-2	0.10	0.14	0.11	0.12	19.91	ppb
Barium	135-1	0.03	0.00	0.01	0.01	120.94	ppb
Barium	137-1	0.01	0.02	0.02	0.02	26.46	ppb
Beryllium	9-1	0.55	0.52	0.46	0.51	8.80	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	18.11	16.01	15.22	16.45	9.09	ppb
Boron	10-1	18.34	17.10	15.89	17.11	7.17	ppb
Cadmium	106-1	0.65	0.52	1.57	0.91	62.47	ppb
Cadmium	108-1	-0.09	-0.06	-0.06	-0.07		ppb
Cadmium	111-1	0.07	0.07	0.14	0.09	42.05	ppb
Calcium	43-1	3.63	2.24	3.22	3.03	23.55	ppb
Calcium	44-1	2.58	2.13	2.35	2.35	9.57	ppb
Chromium	52-2	-0.04	-0.02	0.00	-0.02		ppb
Cobalt	59-2	0.00	0.01	0.01	0.01	147.49	ppb
Copper	63-2	0.28	0.21	0.26	0.25	15.55	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	7.66	7.64	7.31	7.54	2.60	ppb
Iron	57-2	3.76	7.10	5.72	5.53	30.38	ppb
Lead	206-1	0.28	0.28	0.30	0.29	2.46	ppb
Lead	207-1	0.27	0.30	0.29	0.28	4.68	ppb
Lead	208-1	0.26	0.27	0.27	0.27	2.27	ppb
Lithium	6-1						%
Magnesium	24-2	-10.78	-11.24	-11.20	-11.07		ppb
Manganese	55-2	-0.24	-0.33	-0.31	-0.29		ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	CCB53	Instrumnet Name :	P7
Client Sample ID :	CCB53	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:42:30	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.52	0.50	0.52	0.51	2.33	ppb
Molybdenum	94-1	0.26	0.28	0.25	0.26	5.21	ppb
Molybdenum	95-1	0.57	0.48	0.54	0.53	9.35	ppb
Molybdenum	96-1	0.45	0.50	0.39	0.45	11.59	ppb
Molybdenum	97-1	0.51	0.51	0.50	0.51	0.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.85	-1.02	-1.21	-1.03		ppb
Phosphorus	31-2	-7.55	-2.71	-20.49	-10.25		ppb
Potassium	39-2	14.07	7.87	12.92	11.62	28.39	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	1.36	0.00	0.45	173.21	ppb
Selenium	78-2	0.20	0.74	0.50	0.48	56.71	ppb
Selenium	82-1	0.36	-0.17	-0.21	0.00		ppb
Silicon	28-1	-5.57	-5.69	-5.79	-5.68		ppb
Silver	109-1	0.03	0.05	0.04	0.04	14.61	ppb
Silver	107-1	0.05	0.03	0.03	0.04	31.30	ppb
Sodium	23-2	60.63	55.94	55.49	57.35	4.97	ppb
Strontium	86-1	0.06	-0.07	-0.02	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	359.96	ppb
Sulfur	34-1	-482.58	-525.67	-511.33	-506.53		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.14	0.11	0.13	0.13	13.23	ppb
Thallium	205-1	0.13	0.11	0.11	0.12	10.48	ppb
Tin	118-1	0.49	0.46	0.39	0.45	12.25	ppb
Titanium	47-1	0.06	0.07	0.09	0.07	16.14	ppb
Uranium	238-1	0.02	0.02	0.01	0.01	10.02	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	157.57	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.34	0.18	0.24	0.25	32.34	ppb
Zirconium	90-1	0.12	0.11	0.11	0.12	3.56	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	CCB53	Instrumnet Name :	P7
Client Sample ID :	CCB53	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:42:30	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.13	0.11	0.11	0.12	8.69	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:45:59	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.06	21.23	18.28	18.19	16.96	ppb
Antimony	121-1	2.23	2.12	2.03	2.13	4.53	ppb
Arsenic	75-2	1.00	1.02	1.00	1.00	1.29	ppb
Barium	135-1	8.80	8.49	8.76	8.68	1.98	ppb
Barium	137-1	8.81	8.70	8.63	8.71	1.04	ppb
Beryllium	9-1	1.03	1.09	1.07	1.07	2.98	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	29.75	30.35	29.48	29.86	1.50	ppb
Boron	10-1	31.52	28.81	28.08	29.47	6.15	ppb
Cadmium	106-1	1.37	0.35	-0.47	0.42	220.00	ppb
Cadmium	108-1	0.68	1.06	1.00	0.91	22.71	ppb
Cadmium	111-1	1.01	0.85	0.78	0.88	13.29	ppb
Calcium	43-1	449.69	450.11	434.36	444.72	2.02	ppb
Calcium	44-1	444.48	440.80	435.45	440.24	1.03	ppb
Chromium	52-2	1.91	2.00	1.93	1.94	2.55	ppb
Cobalt	59-2	0.91	0.90	0.94	0.92	2.26	ppb
Copper	63-2	2.10	2.30	2.10	2.16	5.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	51.69	53.43	53.40	52.84	1.89	ppb
Iron	57-2	48.83	54.58	46.60	50.00	8.24	ppb
Lead	206-1	2.32	2.27	2.27	2.29	1.21	ppb
Lead	207-1	2.35	2.29	2.19	2.28	3.61	ppb
Lead	208-1	2.29	2.25	2.23	2.26	1.46	ppb
Lithium	6-1						%
Magnesium	24-2	410.12	429.31	425.78	421.73	2.42	ppb
Manganese	55-2	0.67	0.63	0.57	0.62	8.45	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:45:59	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	4.54	4.44	4.49	4.49	1.05	ppb
Molybdenum	94-1	2.26	2.21	2.15	2.21	2.36	ppb
Molybdenum	95-1	4.52	4.43	4.40	4.45	1.41	ppb
Molybdenum	96-1	4.06	3.99	3.78	3.94	3.81	ppb
Molybdenum	97-1	4.70	4.46	4.54	4.57	2.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.45	0.27	0.14	0.29	54.23	ppb
Phosphorus	31-2	-5.37	-9.32	-7.37	-7.35		ppb
Potassium	39-2	451.65	463.30	449.11	454.69	1.66	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.40	2.05	6.12	3.86	53.69	ppb
Selenium	78-2	6.78	5.05	4.33	5.39	23.42	ppb
Selenium	82-1	4.94	4.86	4.26	4.69	7.99	ppb
Silicon	28-1	5.90	2.50	2.48	3.63	54.21	ppb
Silver	109-1	1.17	1.26	1.32	1.25	6.14	ppb
Silver	107-1	1.26	1.18	1.23	1.23	3.44	ppb
Sodium	23-2	486.36	513.50	507.65	502.51	2.84	ppb
Strontium	86-1	0.84	0.90	1.02	0.92	9.63	ppb
Strontium	88-1	0.94	0.90	0.87	0.90	3.86	ppb
Sulfur	34-1	-329.88	-517.95	-475.15	-440.99		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1.00	0.96	0.93	0.96	3.90	ppb
Thallium	205-1	1.03	0.97	0.96	0.99	3.57	ppb
Tin	118-1	4.52	4.42	4.61	4.52	2.07	ppb
Titanium	47-1	4.63	4.54	4.34	4.50	3.36	ppb
Uranium	238-1	0.90	0.85	0.89	0.88	2.49	ppb
Vanadium	51-2	4.27	4.42	4.28	4.32	1.92	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.26	2.27	2.02	2.18	6.45	ppb
Zirconium	90-1	1.24	1.15	1.18	1.19	3.78	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:45:59	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.21	1.24	1.13	1.19	4.97	ppb

LB Number : LB89007 Operator : Jaswal
 Lab Sample ID : PB100931BL Instrumnet Name : P7
 Client Sample ID : PB100931BL Dilution Factor : 1
 Date & Time Acquired :: 2017-07-25 15:31:23 DataFile Name : 019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.50	-0.08	-0.10	-0.22		ppb
Antimony	121-1	0.03	0.03	0.03	0.03	1.03	ppb
Arsenic	75-2	-0.03	0.00	-0.02	-0.02		ppb
Barium	135-1	0.00	0.03	0.00	0.01	190.22	ppb
Barium	137-1	-0.01	-0.01	0.00	-0.01		ppb
Beryllium	9-1	0.00	0.02	0.01	0.01	83.86	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	0.87	0.83	0.63	0.78	16.15	ppb
Boron	10-1	1.04	0.98	1.50	1.17	23.95	ppb
Cadmium	106-1	0.34	-0.13	-0.72	-0.17		ppb
Cadmium	108-1	-0.12	-0.12	-0.16	-0.13		ppb
Cadmium	111-1	0.03	0.00	-0.05	-0.01		ppb
Calcium	43-1	-2.93	-2.20	-0.33	-1.82		ppb
Calcium	44-1	-1.41	-1.36	-2.17	-1.64		ppb
Chromium	52-2	0.00	-0.02	-0.02	-0.01		ppb
Cobalt	59-2	-0.02	-0.01	0.00	-0.01		ppb
Copper	63-2	-0.09	-0.08	-0.06	-0.08		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.25	-0.14	-0.36	-0.25		ppb
Iron	57-2	0.68	-0.92	-1.24	-0.49		ppb
Lead	206-1	0.02	0.02	0.01	0.02	36.57	ppb
Lead	207-1	0.01	0.03	0.04	0.02	66.34	ppb
Lead	208-1	0.01	0.02	0.01	0.01	22.20	ppb
Lithium	6-1						%
Magnesium	24-2	0.08	-0.54	-0.36	-0.27		ppb
Manganese	55-2	-0.37	-0.38	-0.33	-0.36		ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	PB100931BL	Instrumnet Name :	P7
Client Sample ID :	PB100931BL	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 15:31:23	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.01	0.01	0.02	0.01	30.49	ppb
Molybdenum	94-1	0.01	0.00	0.01	0.01	161.06	ppb
Molybdenum	95-1	0.01	0.02	0.02	0.01	46.54	ppb
Molybdenum	96-1	0.02	0.02	0.01	0.02	55.50	ppb
Molybdenum	97-1	-0.02	0.02	0.02	0.01	269.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-1.55	-1.54	-1.56	-1.55		ppb
Phosphorus	31-2	-9.78	-3.20	21.01	2.68	605.59	ppb
Potassium	39-2	6.92	19.38	7.80	11.37	61.18	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	1.41	0.00	0.47	173.21	ppb
Selenium	78-2	0.73	-0.34	-0.74	-0.12		ppb
Selenium	82-1	0.19	0.17	0.40	0.25	51.46	ppb
Silicon	28-1	-6.82	-8.07	-7.01	-7.30		ppb
Silver	109-1	0.00	0.00	0.00	0.00	26.68	ppb
Silver	107-1	0.00	0.01	0.00	0.00	49.36	ppb
Sodium	23-2	14.28	17.62	12.85	14.92	16.39	ppb
Strontium	86-1	0.00	0.00	-0.02	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	231.51	153.55	199.30	194.78	20.11	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.02	0.03	0.02	28.07	ppb
Thallium	205-1	0.02	0.01	0.02	0.01	26.42	ppb
Tin	118-1	0.02	-0.02	0.01	0.00	2904.39	ppb
Titanium	47-1	0.02	0.02	0.09	0.04	106.18	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	0.00	-0.08	-0.07	-0.05		ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	156.95	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	PB100931BL	Instrumnet Name :	P7
Client Sample ID :	PB100931BL	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 15:31:23	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	-0.01	-0.02	0.01	464.66	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	PB100931BS	Instrumnet Name :	P7
Client Sample ID :	PB100931BS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 15:34:52	DataFile Name :	020LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9749.77	9733.67	9768.25	9750.56	0.18	ppb
Antimony	121-1	495.38	495.25	497.89	496.17	0.30	ppb
Arsenic	75-2	499.89	498.72	500.40	499.67	0.17	ppb
Barium	135-1	2475.06	2473.67	2483.39	2477.37	0.21	ppb
Barium	137-1	2475.70	2464.04	2491.53	2477.09	0.56	ppb
Beryllium	9-1	510.48	505.25	502.29	506.01	0.82	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	488.83	494.78	495.50	493.04	0.74	ppb
Boron	10-1	481.31	490.02	481.29	484.21	1.04	ppb
Cadmium	106-1	496.77	498.65	489.60	495.01	0.96	ppb
Cadmium	108-1	505.13	501.49	501.00	502.54	0.45	ppb
Cadmium	111-1	498.64	497.60	503.27	499.84	0.60	ppb
Calcium	43-1	49523.09	49489.77	49142.66	49385.17	0.43	ppb
Calcium	44-1	49300.48	49234.03	49446.34	49326.95	0.22	ppb
Chromium	52-2	501.70	503.84	502.37	502.64	0.22	ppb
Cobalt	59-2	504.79	502.70	501.27	502.92	0.35	ppb
Copper	63-2	1009.56	1007.57	1008.32	1008.48	0.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25922.97	25701.15	25678.51	25767.54	0.52	ppb
Iron	57-2	25596.97	25509.69	25496.33	25534.33	0.21	ppb
Lead	206-1	495.56	495.29	492.22	494.36	0.38	ppb
Lead	207-1	496.17	495.75	494.26	495.40	0.20	ppb
Lead	208-1	498.89	498.38	496.78	498.02	0.22	ppb
Lithium	6-1						%
Magnesium	24-2	49248.66	49402.16	49274.95	49308.59	0.17	ppb
Manganese	55-2	1001.90	998.44	999.77	1000.04	0.17	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	PB100931BS	Instrumnet Name :	P7
Client Sample ID :	PB100931BS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 15:34:52	DataFile Name :	020LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	496.88	495.72	496.10	496.23	0.12	ppb
Molybdenum	94-1	504.30	497.14	496.23	499.22	0.89	ppb
Molybdenum	95-1	500.05	499.19	499.22	499.49	0.10	ppb
Molybdenum	96-1	499.04	500.41	495.91	498.45	0.46	ppb
Molybdenum	97-1	500.62	499.95	503.54	501.37	0.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	505.04	504.66	505.46	505.05	0.08	ppb
Phosphorus	31-2	10008.92	9730.53	10143.11	9960.85	2.11	ppb
Potassium	39-2	25245.17	25202.36	25192.78	25213.44	0.11	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	464.98	544.95	539.79	516.58	8.66	ppb
Selenium	78-2	514.40	512.96	513.94	513.77	0.14	ppb
Selenium	82-1	506.60	502.66	507.75	505.67	0.53	ppb
Silicon	28-1	594.16	593.64	594.77	594.19	0.10	ppb
Silver	109-1	502.48	501.88	506.09	503.49	0.45	ppb
Silver	107-1	492.33	493.57	494.96	493.62	0.27	ppb
Sodium	23-2	50666.24	50062.24	50300.01	50342.83	0.60	ppb
Strontium	86-1	505.94	498.55	503.46	502.65	0.75	ppb
Strontium	88-1	502.38	501.01	498.50	500.63	0.39	ppb
Sulfur	34-1	10545.99	10292.17	9942.65	10260.27	2.95	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	489.38	495.84	492.36	492.53	0.66	ppb
Thallium	205-1	494.92	504.46	496.47	498.61	1.03	ppb
Tin	118-1	489.77	489.84	490.93	490.18	0.13	ppb
Titanium	47-1	497.00	500.80	499.96	499.25	0.40	ppb
Uranium	238-1	494.90	496.50	499.38	496.92	0.46	ppb
Vanadium	51-2	500.97	502.26	498.81	500.68	0.35	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1005.20	1006.63	1000.27	1004.03	0.33	ppb
Zirconium	90-1	498.31	502.85	499.71	500.29	0.46	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	PB100931BS	Instrumnet Name :	P7
Client Sample ID :	PB100931BS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 15:34:52	DataFile Name :	020LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	497.80	499.71	497.14	498.22	0.27	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4330-01	Instrumnet Name :	P7
Client Sample ID :	SS037MW076-170719	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 15:38:17	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.58	4.53	3.65	3.92	13.39	ppb
Antimony	121-1	3.78	3.27	2.93	3.33	12.96	ppb
Arsenic	75-2	50.56	50.45	49.91	50.31	0.68	ppb
Barium	135-1	174.24	173.56	171.74	173.18	0.75	ppb
Barium	137-1	175.16	174.50	174.64	174.77	0.20	ppb
Beryllium	9-1	0.28	0.29	0.22	0.26	13.75	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	273.65	265.07	267.46	268.73	1.65	ppb
Boron	10-1	264.42	258.52	245.31	256.08	3.82	ppb
Cadmium	106-1	0.55	0.10	-2.25	-0.53		ppb
Cadmium	108-1	0.72	0.47	0.67	0.62	21.33	ppb
Cadmium	111-1	0.60	0.64	0.41	0.55	22.14	ppb
Calcium	43-1	106845.68	106136.45	106470.78	106484.30	0.33	ppb
Calcium	44-1	106893.36	106203.18	106589.18	106561.91	0.32	ppb
Chromium	52-2	0.85	0.78	0.82	0.82	4.43	ppb
Cobalt	59-2	6.30	6.08	6.50	6.29	3.38	ppb
Copper	63-2	6.49	6.61	7.14	6.75	5.11	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	614.45	611.85	627.32	617.87	1.34	ppb
Iron	57-2	722.08	700.98	716.95	713.34	1.54	ppb
Lead	206-1	1.30	1.17	1.13	1.20	7.20	ppb
Lead	207-1	1.26	1.17	1.09	1.17	7.41	ppb
Lead	208-1	1.25	1.15	1.10	1.17	6.80	ppb
Lithium	6-1						%
Magnesium	24-2	13208.48	13038.82	13382.71	13210.00	1.30	ppb
Manganese	55-2	1768.52	1745.41	1788.57	1767.50	1.22	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4330-01	Instrumnet Name :	P7
Client Sample ID :	SS037MW076-170719	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 15:38:17	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	2.99	3.04	3.03	3.02	0.88	ppb
Molybdenum	94-1	1.40	1.27	1.39	1.35	4.99	ppb
Molybdenum	95-1	3.30	2.96	3.07	3.11	5.58	ppb
Molybdenum	96-1	2.66	2.68	2.47	2.61	4.58	ppb
Molybdenum	97-1	2.99	3.06	3.05	3.03	1.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	21.29	21.40	21.64	21.44	0.83	ppb
Phosphorus	31-2	-9.82	5.45	-9.13	-4.50		ppb
Potassium	39-2	1415.78	1385.33	1406.29	1402.47	1.11	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.95	3.95	0.79	2.90	63.00	ppb
Selenium	78-2	1.88	2.54	0.59	1.67	59.39	ppb
Selenium	82-1	2.15	1.77	1.44	1.79	19.72	ppb
Silicon	28-1	11629.28	11415.39	11549.83	11531.50	0.94	ppb
Silver	109-1	0.69	0.77	0.69	0.72	6.66	ppb
Silver	107-1	0.76	0.73	0.70	0.73	4.45	ppb
Sodium	23-2	80681.36	78812.03	80838.23	80110.54	1.41	ppb
Strontium	86-1	401.07	400.48	405.80	402.45	0.72	ppb
Strontium	88-1	406.85	405.83	408.99	407.23	0.40	ppb
Sulfur	34-1	15352.63	15166.18	15125.38	15214.73	0.80	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.38	0.30	0.26	0.31	18.69	ppb
Thallium	205-1	0.40	0.27	0.23	0.30	28.83	ppb
Tin	118-1	1.81	1.76	1.60	1.72	6.43	ppb
Titanium	47-1	1.06	1.19	1.13	1.13	5.68	ppb
Uranium	238-1	0.50	0.52	0.54	0.52	4.08	ppb
Vanadium	51-2	3.61	3.73	3.72	3.69	1.77	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	9.48	10.00	10.66	10.05	5.91	ppb
Zirconium	90-1	0.70	0.56	0.52	0.60	15.38	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4330-01	Instrumnet Name :	P7
Client Sample ID :	SS037MW076-170719	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 15:38:17	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.68	0.57	0.51	0.59	14.50	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4330-02	Instrumnet Name :	P7
Client Sample ID :	SS037MW125-170719	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 15:41:45	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.53	30.35	30.98	32.62	10.42	ppb
Antimony	121-1	1.45	1.47	1.52	1.48	2.35	ppb
Arsenic	75-2	2.86	3.09	2.78	2.91	5.59	ppb
Barium	135-1	137.62	141.43	142.47	140.51	1.82	ppb
Barium	137-1	142.22	140.70	143.72	142.21	1.06	ppb
Beryllium	9-1	0.17	0.10	0.09	0.12	38.55	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	382.75	391.08	385.09	386.30	1.11	ppb
Boron	10-1	363.89	365.24	364.57	364.56	0.19	ppb
Cadmium	106-1	-0.81	-1.33	-0.89	-1.01		ppb
Cadmium	108-1	0.16	0.48	0.37	0.34	47.77	ppb
Cadmium	111-1	0.23	0.19	0.31	0.24	24.52	ppb
Calcium	43-1	191856.11	189719.05	190476.04	190683.73	0.57	ppb
Calcium	44-1	192144.26	191149.32	191728.12	191673.90	0.26	ppb
Chromium	52-2	2.94	2.86	3.05	2.95	3.21	ppb
Cobalt	59-2	0.81	0.86	0.81	0.83	3.13	ppb
Copper	63-2	8.79	9.01	9.59	9.13	4.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	59.96	61.37	60.31	60.55	1.22	ppb
Iron	57-2	243.19	262.67	235.88	247.25	5.60	ppb
Lead	206-1	0.93	0.89	0.89	0.90	2.42	ppb
Lead	207-1	0.87	0.89	0.92	0.89	2.69	ppb
Lead	208-1	0.91	0.90	0.87	0.89	2.55	ppb
Lithium	6-1						%
Magnesium	24-2	11262.42	11179.37	11172.49	11204.76	0.45	ppb
Manganese	55-2	108.20	108.41	107.90	108.17	0.24	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4330-02	Instrumnet Name :	P7
Client Sample ID :	SS037MW125-170719	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 15:41:45	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	1.05	0.95	1.01	1.01	4.72	ppb
Molybdenum	94-1	0.55	0.57	0.56	0.56	1.85	ppb
Molybdenum	95-1	1.03	1.00	0.94	0.99	4.64	ppb
Molybdenum	96-1	0.86	0.93	0.84	0.88	5.21	ppb
Molybdenum	97-1	0.98	1.11	1.05	1.05	6.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.33	11.21	11.14	11.23	0.84	ppb
Phosphorus	31-2	29.59	29.60	-0.34	19.62	88.08	ppb
Potassium	39-2	3587.09	3570.33	3594.99	3584.14	0.35	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	9.01	8.18	4.11	7.10	36.93	ppb
Selenium	78-2	1.96	2.62	3.46	2.68	28.12	ppb
Selenium	82-1	5.56	4.14	4.12	4.61	17.85	ppb
Silicon	28-1	12779.39	12651.41	12655.28	12695.36	0.57	ppb
Silver	109-1	0.38	0.34	0.37	0.36	4.85	ppb
Silver	107-1	0.38	0.37	0.37	0.37	2.68	ppb
Sodium	23-2	131541.21	130080.54	129490.67	130370.81	0.81	ppb
Strontium	86-1	477.07	477.94	479.05	478.02	0.21	ppb
Strontium	88-1	477.23	482.45	486.37	482.02	0.95	ppb
Sulfur	34-1	40310.39	39980.26	40028.47	40106.37	0.44	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.07	0.05	0.05	0.05	19.00	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	3.51	ppb
Tin	118-1	0.96	1.00	0.93	0.96	3.58	ppb
Titanium	47-1	1.43	1.47	1.40	1.43	2.57	ppb
Uranium	238-1	1.67	1.65	1.67	1.66	0.62	ppb
Vanadium	51-2	11.42	10.82	11.11	11.12	2.73	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	8.93	8.50	10.11	9.18	9.06	ppb
Zirconium	90-1	0.36	0.34	0.30	0.33	9.81	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4330-02	Instrumnet Name :	P7
Client Sample ID :	SS037MW125-170719	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 15:41:45	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.41	0.42	0.36	0.40	8.86	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4330-03	Instrumnet Name :	P7
Client Sample ID :	SS038MW009-170719	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 15:45:13	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45.24	43.52	33.35	40.70	15.79	ppb
Antimony	121-1	1.40	1.44	1.45	1.43	1.67	ppb
Arsenic	75-2	168.82	166.35	166.48	167.21	0.83	ppb
Barium	135-1	192.45	188.30	190.61	190.45	1.09	ppb
Barium	137-1	194.37	192.79	194.99	194.05	0.58	ppb
Beryllium	9-1	0.10	0.08	0.05	0.08	31.97	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	291.74	292.03	295.43	293.07	0.70	ppb
Boron	10-1	270.09	277.98	278.83	275.63	1.75	ppb
Cadmium	106-1	-2.00	0.94	-0.97	-0.68		ppb
Cadmium	108-1	0.02	-0.12	0.20	0.03	479.21	ppb
Cadmium	111-1	-0.02	0.24	0.10	0.11	123.59	ppb
Calcium	43-1	187649.73	188255.20	188478.08	188127.67	0.23	ppb
Calcium	44-1	188533.97	187544.66	189595.18	188557.94	0.54	ppb
Chromium	52-2	1.23	1.19	1.16	1.19	2.73	ppb
Cobalt	59-2	1.01	0.94	0.92	0.96	4.48	ppb
Copper	63-2	9.91	9.80	9.80	9.84	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	21867.32	21582.58	21705.52	21718.47	0.66	ppb
Iron	57-2	21563.07	21348.11	21546.24	21485.81	0.56	ppb
Lead	206-1	1.26	1.25	1.38	1.30	5.35	ppb
Lead	207-1	1.26	1.23	1.24	1.25	1.29	ppb
Lead	208-1	1.26	1.24	1.28	1.26	1.43	ppb
Lithium	6-1						%
Magnesium	24-2	14775.54	14630.70	14738.87	14715.03	0.51	ppb
Manganese	55-2	724.09	719.04	722.97	722.03	0.37	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4330-03	Instrumnet Name :	P7
Client Sample ID :	SS038MW009-170719	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 15:45:13	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.63	0.70	0.69	0.68	5.39	ppb
Molybdenum	94-1	0.91	0.81	0.89	0.87	6.10	ppb
Molybdenum	95-1	0.67	0.71	0.79	0.72	8.27	ppb
Molybdenum	96-1	0.85	0.89	0.81	0.85	4.40	ppb
Molybdenum	97-1	0.65	0.65	0.70	0.67	4.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	220.24	216.33	218.52	218.36	0.90	ppb
Phosphorus	31-2	248.38	219.80	265.18	244.45	9.39	ppb
Potassium	39-2	2301.88	2257.56	2251.37	2270.27	1.21	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	6.82	1.71	3.41	3.98	65.33	ppb
Selenium	78-2	1.08	1.52	0.52	1.04	48.53	ppb
Selenium	82-1	2.16	0.14	0.19	0.83	139.01	ppb
Silicon	28-1	11452.50	11379.58	11397.24	11409.77	0.33	ppb
Silver	109-1	0.27	0.29	0.30	0.29	5.37	ppb
Silver	107-1	0.27	0.27	0.24	0.26	5.79	ppb
Sodium	23-2	148270.68	146249.22	146334.42	146951.44	0.78	ppb
Strontium	86-1	339.97	331.48	331.44	334.29	1.47	ppb
Strontium	88-1	342.32	336.91	335.79	338.34	1.03	ppb
Sulfur	34-1	59822.28	59731.64	60477.15	60010.35	0.68	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00	87.51	ppb
Thallium	205-1	0.00	0.00	0.01	0.01	29.22	ppb
Tin	118-1	0.95	0.93	0.93	0.93	1.21	ppb
Titanium	47-1	2.84	3.45	3.01	3.10	10.08	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	9.26	ppb
Vanadium	51-2	23.81	23.43	23.13	23.46	1.46	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	13.64	13.86	14.16	13.89	1.89	ppb
Zirconium	90-1	0.91	0.93	0.92	0.92	1.04	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4330-03	Instrumnet Name :	P7
Client Sample ID :	SS038MW009-170719	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 15:45:13	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.04	1.01	0.95	1.00	4.51	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4330-04	Instrumnet Name :	P7
Client Sample ID :	SS038MW004-170719	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 15:48:41	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.07	5.52	9.14	5.91	51.64	ppb
Antimony	121-1	1.52	1.40	1.55	1.49	5.52	ppb
Arsenic	75-2	33.67	34.27	33.05	33.67	1.80	ppb
Barium	135-1	189.33	190.18	189.07	189.53	0.31	ppb
Barium	137-1	189.12	191.33	193.66	191.37	1.19	ppb
Beryllium	9-1	0.04	0.01	0.04	0.03	58.29	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	135.15	137.61	139.10	137.29	1.45	ppb
Boron	10-1	130.31	127.17	132.13	129.87	1.93	ppb
Cadmium	106-1	-2.31	-1.42	-1.15	-1.63		ppb
Cadmium	108-1	0.06	0.02	0.06	0.05	44.10	ppb
Cadmium	111-1	-0.02	0.02	0.03	0.01	403.05	ppb
Calcium	43-1	71860.62	72213.16	71669.33	71914.37	0.38	ppb
Calcium	44-1	72594.85	73076.98	72802.14	72824.66	0.33	ppb
Chromium	52-2	0.70	0.60	0.65	0.65	7.48	ppb
Cobalt	59-2	0.08	0.08	0.08	0.08	3.16	ppb
Copper	63-2	9.91	10.13	9.95	10.00	1.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	4707.23	4650.66	4644.24	4667.38	0.74	ppb
Iron	57-2	4621.10	4598.67	4610.96	4610.24	0.24	ppb
Lead	206-1	1.44	1.48	1.49	1.47	1.69	ppb
Lead	207-1	1.40	1.47	1.34	1.40	4.82	ppb
Lead	208-1	1.42	1.41	1.41	1.41	0.52	ppb
Lithium	6-1						%
Magnesium	24-2	9478.66	9347.13	9314.31	9380.04	0.93	ppb
Manganese	55-2	241.93	238.93	240.26	240.37	0.63	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4330-04	Instrumnet Name :	P7
Client Sample ID :	SS038MW004-170719	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 15:48:41	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	1.29	1.37	1.29	1.32	3.58	ppb
Molybdenum	94-1	0.49	0.57	0.49	0.52	8.16	ppb
Molybdenum	95-1	1.23	1.29	1.41	1.31	6.83	ppb
Molybdenum	96-1	1.09	1.24	1.14	1.16	6.55	ppb
Molybdenum	97-1	1.29	1.25	1.30	1.28	2.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-1.18	-0.53	-1.04	-0.92		ppb
Phosphorus	31-2	31.81	38.46	45.87	38.71	18.17	ppb
Potassium	39-2	1252.92	1240.26	1233.18	1242.12	0.80	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	5.27	1.76	1.76	2.93	69.29	ppb
Selenium	78-2	0.50	0.36	2.08	0.98	97.32	ppb
Selenium	82-1	-0.44	0.33	-0.44	-0.18		ppb
Silicon	28-1	6766.31	6770.24	6739.72	6758.76	0.25	ppb
Silver	109-1	0.25	0.27	0.27	0.26	4.66	ppb
Silver	107-1	0.29	0.27	0.30	0.29	4.44	ppb
Sodium	23-2	21812.80	21497.04	21531.93	21613.92	0.80	ppb
Strontium	86-1	410.84	411.46	414.78	412.36	0.51	ppb
Strontium	88-1	414.03	415.93	421.47	417.14	0.93	ppb
Sulfur	34-1	146.79	-153.05	51.70	15.14	1011.84	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.01	0.00	41.76	ppb
Thallium	205-1	0.00	0.00	0.01	0.00	217.82	ppb
Tin	118-1	0.77	0.89	0.84	0.83	7.44	ppb
Titanium	47-1	0.96	1.19	0.72	0.96	24.19	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	139.84	ppb
Vanadium	51-2	0.46	0.46	0.48	0.47	1.93	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	10.27	10.23	10.64	10.38	2.16	ppb
Zirconium	90-1	0.12	0.14	0.13	0.13	7.03	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4330-04	Instrumnet Name :	P7
Client Sample ID :	SS038MW004-170719	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 15:48:41	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.13	0.13	0.20	0.15	25.08	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4330-05	Instrumnet Name :	P7
Client Sample ID :	DUP-0428-170719	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 15:52:10	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49.07	61.43	59.75	56.75	11.81	ppb
Antimony	121-1	1.22	1.35	1.39	1.32	6.50	ppb
Arsenic	75-2	164.85	160.25	158.91	161.33	1.93	ppb
Barium	135-1	180.94	180.90	180.19	180.68	0.23	ppb
Barium	137-1	182.58	181.41	182.30	182.10	0.34	ppb
Beryllium	9-1	0.03	0.03	0.02	0.02	30.68	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	263.83	264.34	265.46	264.54	0.31	ppb
Boron	10-1	249.81	254.14	247.94	250.63	1.27	ppb
Cadmium	106-1	-1.57	-0.08	-1.29	-0.98		ppb
Cadmium	108-1	-0.05	-0.05	0.03	-0.02		ppb
Cadmium	111-1	0.00	0.11	-0.03	0.03	271.21	ppb
Calcium	43-1	181822.39	183669.07	183708.92	183066.80	0.59	ppb
Calcium	44-1	182328.34	183905.71	182823.39	183019.15	0.44	ppb
Chromium	52-2	0.92	0.91	0.81	0.88	7.23	ppb
Cobalt	59-2	0.89	0.92	0.87	0.90	2.88	ppb
Copper	63-2	9.53	10.07	9.75	9.78	2.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	22217.91	22456.35	22512.69	22395.65	0.70	ppb
Iron	57-2	21970.14	22263.75	22167.47	22133.79	0.68	ppb
Lead	206-1	1.11	1.14	1.06	1.11	3.46	ppb
Lead	207-1	0.99	1.01	1.00	1.00	1.22	ppb
Lead	208-1	1.03	1.06	1.04	1.04	1.55	ppb
Lithium	6-1						%
Magnesium	24-2	13874.81	14187.40	14029.53	14030.58	1.11	ppb
Manganese	55-2	706.88	707.81	711.54	708.74	0.35	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4330-05	Instrumnet Name :	P7
Client Sample ID :	DUP-0428-170719	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 15:52:10	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.64	0.59	0.64	0.62	5.04	ppb
Molybdenum	94-1	0.79	0.77	0.73	0.76	4.06	ppb
Molybdenum	95-1	0.61	0.63	0.67	0.64	5.08	ppb
Molybdenum	96-1	0.84	0.79	0.88	0.84	5.65	ppb
Molybdenum	97-1	0.70	0.69	0.68	0.69	1.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	214.36	213.87	215.91	214.71	0.50	ppb
Phosphorus	31-2	299.79	263.84	194.72	252.78	21.12	ppb
Potassium	39-2	2078.87	2078.88	2085.75	2081.17	0.19	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.61	2.70	2.72	3.01	17.27	ppb
Selenium	78-2	1.21	-0.13	0.94	0.67	105.43	ppb
Selenium	82-1	0.53	1.04	0.59	0.72	38.73	ppb
Silicon	28-1	10761.37	10775.23	10713.58	10750.06	0.30	ppb
Silver	109-1	0.24	0.23	0.24	0.24	2.29	ppb
Silver	107-1	0.25	0.23	0.22	0.23	4.84	ppb
Sodium	23-2	141351.89	142480.56	141669.35	141833.93	0.41	ppb
Strontium	86-1	328.10	324.76	324.17	325.68	0.65	ppb
Strontium	88-1	332.91	331.03	329.42	331.12	0.53	ppb
Sulfur	34-1	62544.55	62820.37	62615.22	62660.05	0.23	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.01	0.00	328.35	ppb
Thallium	205-1	0.00	0.01	0.00	0.00	118.99	ppb
Tin	118-1	0.71	0.69	0.74	0.71	4.07	ppb
Titanium	47-1	2.80	3.28	2.76	2.95	9.89	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	10.12	ppb
Vanadium	51-2	21.72	22.23	22.38	22.11	1.56	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	13.79	14.34	14.75	14.30	3.36	ppb
Zirconium	90-1	0.77	0.80	0.76	0.78	2.35	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4330-05	Instrumnet Name :	P7
Client Sample ID :	DUP-0428-170719	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 15:52:10	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.89	0.83	0.82	0.85	4.59	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4330-07	Instrumnet Name :	P7
Client Sample ID :	SS037MW218-170719	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 15:55:39	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	106.23	97.90	94.64	99.59	6.00	ppb
Antimony	121-1	1.64	1.77	1.74	1.72	3.94	ppb
Arsenic	75-2	82.19	83.69	82.76	82.88	0.92	ppb
Barium	135-1	248.22	251.74	248.96	249.64	0.74	ppb
Barium	137-1	252.15	256.18	254.12	254.15	0.79	ppb
Beryllium	9-1	0.06	0.03	0.02	0.04	52.95	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	250.38	252.05	248.89	250.44	0.63	ppb
Boron	10-1	228.73	246.80	237.04	237.52	3.81	ppb
Cadmium	106-1	-0.27	-2.12	-0.68	-1.02		ppb
Cadmium	108-1	-0.01	0.07	0.18	0.08	119.57	ppb
Cadmium	111-1	0.09	-0.06	0.08	0.04	233.66	ppb
Calcium	43-1	112813.74	112800.29	111984.63	112532.89	0.42	ppb
Calcium	44-1	113440.61	113302.69	112907.80	113217.03	0.24	ppb
Chromium	52-2	1.57	1.60	1.73	1.63	5.07	ppb
Cobalt	59-2	1.55	1.41	1.54	1.50	5.14	ppb
Copper	63-2	10.38	10.49	10.69	10.52	1.51	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	7915.75	7976.89	7935.99	7942.88	0.39	ppb
Iron	57-2	7848.46	7922.40	7813.48	7861.45	0.71	ppb
Lead	206-1	4.38	4.31	4.37	4.35	0.84	ppb
Lead	207-1	4.03	4.00	3.93	3.99	1.26	ppb
Lead	208-1	4.08	4.10	4.07	4.08	0.37	ppb
Lithium	6-1						%
Magnesium	24-2	8320.32	8300.39	8287.20	8302.63	0.20	ppb
Manganese	55-2	480.67	479.70	477.12	479.16	0.38	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4330-07	Instrumnet Name :	P7
Client Sample ID :	SS037MW218-170719	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 15:55:39	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	4.90	4.60	4.72	4.74	3.17	ppb
Molybdenum	94-1	1.66	1.69	1.61	1.66	2.28	ppb
Molybdenum	95-1	4.64	4.86	4.75	4.75	2.33	ppb
Molybdenum	96-1	4.15	4.22	4.01	4.13	2.51	ppb
Molybdenum	97-1	4.57	4.68	4.83	4.69	2.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	16.41	15.75	15.83	16.00	2.25	ppb
Phosphorus	31-2	131.90	97.91	108.76	112.85	15.38	ppb
Potassium	39-2	1318.88	1346.74	1308.70	1324.77	1.49	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1.82	3.66	1.83	2.44	43.41	ppb
Selenium	78-2	0.67	1.29	0.99	0.98	31.56	ppb
Selenium	82-1	1.07	1.52	0.51	1.04	48.98	ppb
Silicon	28-1	9069.63	9071.11	8958.90	9033.21	0.71	ppb
Silver	109-1	0.21	0.25	0.23	0.23	9.33	ppb
Silver	107-1	0.24	0.24	0.22	0.23	6.11	ppb
Sodium	23-2	55108.85	54668.50	54871.98	54883.11	0.40	ppb
Strontium	86-1	334.92	329.63	331.55	332.04	0.81	ppb
Strontium	88-1	340.50	334.43	337.65	337.53	0.90	ppb
Sulfur	34-1	13590.45	13757.50	13317.76	13555.24	1.64	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.00	0.01	0.00	179.89	ppb
Thallium	205-1	0.00	0.01	0.00	0.00	90.01	ppb
Tin	118-1	0.79	0.67	0.76	0.74	8.39	ppb
Titanium	47-1	2.99	3.01	3.15	3.05	2.81	ppb
Uranium	238-1	0.78	0.77	0.78	0.78	0.57	ppb
Vanadium	51-2	1.57	1.61	1.65	1.61	2.34	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	45.16	45.80	47.23	46.06	2.30	ppb
Zirconium	90-1	0.26	0.28	0.30	0.28	6.64	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4330-07	Instrumnet Name :	P7
Client Sample ID :	SS037MW218-170719	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 15:55:39	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.33	0.32	0.34	0.33	3.28	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4330-08	Instrumnet Name :	P7
Client Sample ID :	SS038MW077-170719	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 15:59:06	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.55	19.49	20.20	18.42	13.60	ppb
Antimony	121-1	1.27	1.21	1.18	1.22	3.72	ppb
Arsenic	75-2	97.45	97.12	94.59	96.39	1.62	ppb
Barium	135-1	320.81	317.59	312.73	317.04	1.28	ppb
Barium	137-1	326.30	319.77	319.06	321.71	1.24	ppb
Beryllium	9-1	-0.01	0.02	0.03	0.01	124.68	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	560.98	566.83	572.05	566.62	0.98	ppb
Boron	10-1	530.67	547.07	547.38	541.71	1.76	ppb
Cadmium	106-1	-0.48	-2.19	-2.01	-1.56		ppb
Cadmium	108-1	-0.01	-0.08	0.03	-0.02		ppb
Cadmium	111-1	0.01	-0.10	-0.09	-0.06		ppb
Calcium	43-1	90658.24	90915.70	90790.68	90788.21	0.14	ppb
Calcium	44-1	91130.78	91661.10	91099.63	91297.17	0.35	ppb
Chromium	52-2	0.97	0.91	1.09	0.99	9.27	ppb
Cobalt	59-2	12.83	12.87	13.08	12.93	1.07	ppb
Copper	63-2	9.16	9.05	9.18	9.13	0.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	7231.61	7226.97	7229.85	7229.48	0.03	ppb
Iron	57-2	7075.52	7222.66	7159.29	7152.49	1.03	ppb
Lead	206-1	0.33	0.35	0.38	0.35	6.23	ppb
Lead	207-1	0.37	0.36	0.36	0.36	1.63	ppb
Lead	208-1	0.33	0.35	0.36	0.35	4.13	ppb
Lithium	6-1						%
Magnesium	24-2	12891.08	12978.08	12816.59	12895.25	0.63	ppb
Manganese	55-2	249.78	253.52	252.97	252.09	0.80	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4330-08	Instrumnet Name :	P7
Client Sample ID :	SS038MW077-170719	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 15:59:06	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	4.83	5.20	5.07	5.03	3.71	ppb
Molybdenum	94-1	1.61	1.68	1.72	1.67	3.35	ppb
Molybdenum	95-1	5.01	5.23	5.24	5.16	2.51	ppb
Molybdenum	96-1	4.25	4.28	4.30	4.28	0.68	ppb
Molybdenum	97-1	5.08	5.09	5.07	5.08	0.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	165.94	165.39	166.94	166.09	0.47	ppb
Phosphorus	31-2	45.08	2.52	10.15	19.25	117.89	ppb
Potassium	39-2	1796.42	1803.71	1772.33	1790.82	0.92	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1.85	1.86	0.93	1.55	34.63	ppb
Selenium	78-2	1.35	0.29	-0.92	0.24	478.89	ppb
Selenium	82-1	1.72	1.87	2.85	2.15	28.52	ppb
Silicon	28-1	10415.31	10408.92	10424.91	10416.38	0.08	ppb
Silver	109-1	0.18	0.21	0.20	0.20	6.46	ppb
Silver	107-1	0.20	0.19	0.19	0.20	2.45	ppb
Sodium	23-2	61210.18	61822.64	61211.88	61414.90	0.57	ppb
Strontium	86-1	313.26	319.74	311.25	314.75	1.41	ppb
Strontium	88-1	323.09	323.95	320.49	322.51	0.56	ppb
Sulfur	34-1	81.39	-2.69	101.72	60.14	92.05	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00	4789.50	ppb
Thallium	205-1	-0.01	-0.01	0.00	-0.01		ppb
Tin	118-1	0.70	0.71	0.72	0.71	1.71	ppb
Titanium	47-1	1.20	1.37	1.38	1.31	7.70	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	104.01	ppb
Vanadium	51-2	1.21	1.22	1.29	1.24	3.45	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	11.93	12.23	11.08	11.75	5.07	ppb
Zirconium	90-1	0.13	0.13	0.15	0.14	8.10	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4330-08	Instrumnet Name :	P7
Client Sample ID :	SS038MW077-170719	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 15:59:06	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.14	0.18	0.20	0.17	17.79	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	CCV54	Instrumnet Name :	P7
Client Sample ID :	CCV54	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:02:34	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47438.92	46756.53	47205.14	47133.53	0.74	ppb
Antimony	121-1	427.46	429.87	436.37	431.23	1.07	ppb
Arsenic	75-2	474.22	468.99	472.41	471.87	0.56	ppb
Barium	135-1	2383.04	2364.39	2387.36	2378.26	0.51	ppb
Barium	137-1	2385.98	2384.25	2397.16	2389.13	0.29	ppb
Beryllium	9-1	444.02	443.67	444.59	444.10	0.10	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	463.51	464.52	472.86	466.97	1.10	ppb
Boron	10-1	455.03	458.81	472.29	462.04	1.96	ppb
Cadmium	106-1	453.54	452.44	453.92	453.30	0.17	ppb
Cadmium	108-1	449.07	454.21	455.99	453.09	0.79	ppb
Cadmium	111-1	453.53	450.98	452.82	452.44	0.29	ppb
Calcium	43-1	239364.85	238954.35	238035.89	238785.03	0.28	ppb
Calcium	44-1	238148.23	238505.24	238491.59	238381.69	0.08	ppb
Chromium	52-2	510.28	498.63	502.60	503.84	1.18	ppb
Cobalt	59-2	503.38	492.58	496.98	497.65	1.09	ppb
Copper	63-2	998.25	976.26	991.63	988.71	1.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	124356.50	123007.59	123359.24	123574.44	0.57	ppb
Iron	57-2	124358.20	121596.74	122995.93	122983.62	1.12	ppb
Lead	206-1	502.05	501.02	502.10	501.72	0.12	ppb
Lead	207-1	502.46	501.21	497.11	500.26	0.56	ppb
Lead	208-1	504.87	504.68	501.47	503.67	0.38	ppb
Lithium	6-1						%
Magnesium	24-2	232051.54	230458.33	232482.17	231664.01	0.46	ppb
Manganese	55-2	996.36	984.35	996.56	992.42	0.70	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	CCV54	Instrumnet Name :	P7
Client Sample ID :	CCV54	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:02:34	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	494.12	492.89	493.06	493.36	0.14	ppb
Molybdenum	94-1	495.97	492.84	492.81	493.87	0.37	ppb
Molybdenum	95-1	496.45	495.33	494.42	495.40	0.21	ppb
Molybdenum	96-1	495.65	493.01	492.01	493.56	0.38	ppb
Molybdenum	97-1	495.85	493.71	495.70	495.09	0.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	501.94	491.76	496.08	496.59	1.03	ppb
Phosphorus	31-2	9697.58	9422.76	9666.70	9595.68	1.57	ppb
Potassium	39-2	118324.02	115607.53	117064.98	116998.84	1.16	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	460.76	499.20	503.22	487.73	4.81	ppb
Selenium	78-2	462.14	455.99	452.02	456.72	1.12	ppb
Selenium	82-1	473.99	476.76	475.23	475.33	0.29	ppb
Silicon	28-1	535.05	535.06	538.13	536.08	0.33	ppb
Silver	109-1	456.18	451.86	455.56	454.53	0.51	ppb
Silver	107-1	444.68	443.18	445.10	444.32	0.23	ppb
Sodium	23-2	237528.77	231886.97	234859.26	234758.34	1.20	ppb
Strontium	86-1	504.34	503.90	505.60	504.61	0.17	ppb
Strontium	88-1	507.18	505.50	508.24	506.97	0.27	ppb
Sulfur	34-1	9052.39	8982.32	9178.30	9071.00	1.09	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	501.81	498.31	496.98	499.03	0.50	ppb
Thallium	205-1	508.23	510.59	504.42	507.75	0.61	ppb
Tin	118-1	463.17	462.18	465.23	463.53	0.34	ppb
Titanium	47-1	498.70	497.49	501.56	499.25	0.42	ppb
Uranium	238-1	521.49	523.13	515.88	520.17	0.73	ppb
Vanadium	51-2	503.82	496.03	501.69	500.51	0.80	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	982.28	963.56	974.65	973.50	0.97	ppb
Zirconium	90-1	500.65	498.17	499.52	499.45	0.25	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	CCV54	Instrumnet Name :	P7
Client Sample ID :	CCV54	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:02:34	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	494.37	497.57	492.69	494.87	0.50	ppb

LB Number : LB89007 Operator : Jaswal
 Lab Sample ID : CCB54 Instrumnet Name : P7
 Client Sample ID : CCB54 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-25 16:06:03 DataFile Name : 029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.25	0.10	0.10	-0.02		ppb
Antimony	121-1	1.14	1.02	0.92	1.03	10.72	ppb
Arsenic	75-2	0.10	0.18	0.15	0.14	26.24	ppb
Barium	135-1	0.03	0.03	0.00	0.02	93.03	ppb
Barium	137-1	0.04	0.02	0.01	0.03	43.77	ppb
Beryllium	9-1	0.39	0.45	0.38	0.41	8.90	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	28.31	26.90	27.10	27.44	2.80	ppb
Boron	10-1	25.58	25.40	28.16	26.38	5.85	ppb
Cadmium	106-1	-0.26	-0.21	0.75	0.10	595.54	ppb
Cadmium	108-1	0.03	-0.08	-0.08	-0.05		ppb
Cadmium	111-1	0.00	0.00	0.09	0.03	156.07	ppb
Calcium	43-1	7.18	-2.12	6.77	3.95	133.21	ppb
Calcium	44-1	7.77	5.30	5.69	6.25	21.26	ppb
Chromium	52-2	0.01	0.03	0.02	0.02	40.10	ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	1.11	1.11	1.03	1.08	4.69	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	3.69	3.58	3.50	3.59	2.76	ppb
Iron	57-2	3.59	3.65	3.62	3.62	0.84	ppb
Lead	206-1	0.06	0.08	0.08	0.07	13.08	ppb
Lead	207-1	0.11	0.11	0.08	0.10	15.44	ppb
Lead	208-1	0.09	0.08	0.08	0.08	3.89	ppb
Lithium	6-1						%
Magnesium	24-2	-9.50	-11.90	-11.25	-10.88		ppb
Manganese	55-2	-0.40	-0.39	-0.38	-0.39		ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	CCB54	Instrumnet Name :	P7
Client Sample ID :	CCB54	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:06:03	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.34	0.32	0.31	0.32	4.18	ppb
Molybdenum	94-1	0.19	0.21	0.14	0.18	21.73	ppb
Molybdenum	95-1	0.38	0.30	0.28	0.32	16.18	ppb
Molybdenum	96-1	0.29	0.32	0.33	0.31	7.02	ppb
Molybdenum	97-1	0.33	0.29	0.24	0.29	15.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-1.94	-1.72	-1.93	-1.86		ppb
Phosphorus	31-2	-26.92	-23.46	-6.99	-19.12		ppb
Potassium	39-2	5.45	9.23	16.97	10.55	55.66	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	1.63	0.00	0.54	173.21	ppb
Selenium	78-2	-0.09	1.14	0.28	0.44	143.51	ppb
Selenium	82-1	-0.24	-0.06	-0.73	-0.34		ppb
Silicon	28-1	-12.02	-13.45	-12.20	-12.56		ppb
Silver	109-1	0.12	0.10	0.13	0.12	10.81	ppb
Silver	107-1	0.13	0.11	0.11	0.12	12.18	ppb
Sodium	23-2	116.32	113.41	108.73	112.82	3.40	ppb
Strontium	86-1	-0.02	0.00	-0.04	-0.02		ppb
Strontium	88-1	0.01	0.00	0.01	0.01	36.63	ppb
Sulfur	34-1	-791.09	-850.03	-757.58	-799.57		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.04	0.04	0.03	0.04	22.27	ppb
Thallium	205-1	0.03	0.03	0.04	0.03	3.54	ppb
Tin	118-1	0.37	0.30	0.30	0.33	11.60	ppb
Titanium	47-1	0.02	0.02	-0.06	0.00		ppb
Uranium	238-1	0.01	0.01	0.01	0.01	25.05	ppb
Vanadium	51-2	0.03	0.03	0.02	0.02	15.83	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.92	0.84	1.07	0.95	12.52	ppb
Zirconium	90-1	0.11	0.13	0.09	0.11	20.36	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	CCB54	Instrumnet Name :	P7
Client Sample ID :	CCB54	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:06:03	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.13	0.10	0.10	25.24	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4330-09	Instrumnet Name :	P7
Client Sample ID :	SS038RW016-170719	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:09:32	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.54	17.17	18.10	17.60	2.66	ppb
Antimony	121-1	2.86	2.36	2.07	2.43	16.30	ppb
Arsenic	75-2	89.77	90.65	90.68	90.37	0.57	ppb
Barium	135-1	262.97	257.03	258.78	259.60	1.18	ppb
Barium	137-1	264.32	262.82	260.16	262.43	0.80	ppb
Beryllium	9-1	0.20	0.08	0.08	0.12	54.42	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	108.94	109.38	105.71	108.01	1.86	ppb
Boron	10-1	103.89	103.30	101.65	102.95	1.13	ppb
Cadmium	106-1	0.03	-3.04	-2.56	-1.86		ppb
Cadmium	108-1	0.19	0.11	0.03	0.11	71.71	ppb
Cadmium	111-1	0.19	-0.06	-0.02	0.04	354.01	ppb
Calcium	43-1	94052.71	93394.19	93378.26	93608.39	0.41	ppb
Calcium	44-1	94495.62	94415.14	94235.06	94381.94	0.14	ppb
Chromium	52-2	0.71	0.79	0.82	0.78	7.23	ppb
Cobalt	59-2	0.18	0.21	0.23	0.21	11.68	ppb
Copper	63-2	7.42	7.95	8.01	7.79	4.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	29394.87	29949.37	29973.43	29772.56	1.10	ppb
Iron	57-2	28818.98	29265.02	29512.24	29198.75	1.20	ppb
Lead	206-1	0.58	0.57	0.61	0.59	3.43	ppb
Lead	207-1	0.60	0.53	0.57	0.57	5.90	ppb
Lead	208-1	0.59	0.58	0.57	0.58	1.32	ppb
Lithium	6-1						%
Magnesium	24-2	7892.33	8047.82	8001.66	7980.61	1.00	ppb
Manganese	55-2	355.49	360.52	360.37	358.79	0.80	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4330-09	Instrumnet Name :	P7
Client Sample ID :	SS038RW016-170719	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:09:32	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	1.53	1.41	1.53	1.49	4.42	ppb
Molybdenum	94-1	1.17	1.08	0.99	1.08	8.35	ppb
Molybdenum	95-1	1.55	1.53	1.50	1.53	1.57	ppb
Molybdenum	96-1	1.53	1.51	1.56	1.53	1.48	ppb
Molybdenum	97-1	1.54	1.46	1.48	1.49	2.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.43	-0.22	-0.52	-0.39		ppb
Phosphorus	31-2	275.81	345.71	257.52	293.01	15.88	ppb
Potassium	39-2	2380.57	2416.76	2407.68	2401.67	0.78	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.95	2.84	2.83	2.21	49.48	ppb
Selenium	78-2	0.84	0.69	-0.26	0.42	141.04	ppb
Selenium	82-1	0.91	0.23	-0.45	0.23	294.04	ppb
Silicon	28-1	5734.68	5686.39	5701.24	5707.44	0.43	ppb
Silver	109-1	0.80	0.68	0.50	0.66	22.78	ppb
Silver	107-1	0.74	0.61	0.42	0.59	27.02	ppb
Sodium	23-2	16384.17	16542.73	16590.65	16505.85	0.65	ppb
Strontium	86-1	411.22	407.63	416.27	411.71	1.06	ppb
Strontium	88-1	416.71	415.11	417.99	416.61	0.35	ppb
Sulfur	34-1	-321.34	-391.36	-413.60	-375.43		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.04	0.03	0.02	0.03	39.26	ppb
Thallium	205-1	0.03	0.03	0.01	0.02	39.66	ppb
Tin	118-1	0.99	0.90	0.84	0.91	8.17	ppb
Titanium	47-1	1.20	1.03	0.99	1.08	10.49	ppb
Uranium	238-1	0.05	0.04	0.05	0.05	7.44	ppb
Vanadium	51-2	0.97	1.05	0.94	0.98	5.80	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	15.92	15.34	16.45	15.91	3.51	ppb
Zirconium	90-1	1.00	0.83	0.76	0.86	14.54	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4330-09	Instrumnet Name :	P7
Client Sample ID :	SS038RW016-170719	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:09:32	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.07	0.78	0.59	0.81	29.53	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4330-10	Instrumnet Name :	P7
Client Sample ID :	SS038MW103-170719	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:13:00	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.98	20.33	20.33	19.55	6.93	ppb
Antimony	121-1	1.64	1.59	1.62	1.62	1.83	ppb
Arsenic	75-2	226.22	229.24	228.69	228.05	0.70	ppb
Barium	135-1	211.95	210.64	207.91	210.17	0.98	ppb
Barium	137-1	212.24	209.09	206.80	209.37	1.30	ppb
Beryllium	9-1	0.11	0.14	0.12	0.12	14.23	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	451.65	458.94	464.45	458.35	1.40	ppb
Boron	10-1	432.05	444.37	447.85	441.42	1.88	ppb
Cadmium	106-1	-1.88	-0.60	-1.46	-1.32		ppb
Cadmium	108-1	0.00	0.07	-0.04	0.01	748.01	ppb
Cadmium	111-1	-0.08	-0.01	-0.04	-0.04		ppb
Calcium	43-1	107372.88	106932.09	106118.14	106807.70	0.60	ppb
Calcium	44-1	107472.64	108373.84	107857.44	107901.31	0.42	ppb
Chromium	52-2	1.42	1.29	1.43	1.38	5.50	ppb
Cobalt	59-2	0.44	0.42	0.40	0.42	4.63	ppb
Copper	63-2	7.68	7.95	7.64	7.76	2.18	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	5628.56	5594.88	5632.32	5618.59	0.37	ppb
Iron	57-2	5562.12	5556.67	5503.94	5540.91	0.58	ppb
Lead	206-1	1.80	1.92	2.00	1.91	5.26	ppb
Lead	207-1	1.67	1.70	1.82	1.73	4.75	ppb
Lead	208-1	1.73	1.77	1.84	1.78	3.10	ppb
Lithium	6-1						%
Magnesium	24-2	12434.57	12437.60	12474.66	12448.95	0.18	ppb
Manganese	55-2	408.30	404.90	404.80	406.00	0.49	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4330-10	Instrumnet Name :	P7
Client Sample ID :	SS038MW103-170719	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:13:00	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.77	0.80	0.77	0.78	1.75	ppb
Molybdenum	94-1	0.50	0.51	0.53	0.51	3.85	ppb
Molybdenum	95-1	0.81	0.75	0.76	0.77	4.61	ppb
Molybdenum	96-1	0.76	0.68	0.74	0.73	6.12	ppb
Molybdenum	97-1	0.65	0.81	0.70	0.72	11.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.27	2.99	2.84	3.03	7.21	ppb
Phosphorus	31-2	54.80	46.38	100.38	67.19	43.24	ppb
Potassium	39-2	1326.27	1333.49	1315.17	1324.98	0.70	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.83	0.96	0.96	2.25	99.42	ppb
Selenium	78-2	-0.01	0.92	1.05	0.65	88.95	ppb
Selenium	82-1	2.40	1.58	1.56	1.85	25.82	ppb
Silicon	28-1	10703.43	10728.64	10648.12	10693.40	0.39	ppb
Silver	109-1	0.22	0.23	0.24	0.23	2.97	ppb
Silver	107-1	0.25	0.27	0.22	0.25	9.47	ppb
Sodium	23-2	56388.28	56368.68	56474.49	56410.48	0.10	ppb
Strontium	86-1	364.36	361.85	365.19	363.80	0.48	ppb
Strontium	88-1	369.94	367.74	370.48	369.39	0.39	ppb
Sulfur	34-1	130.87	127.80	185.19	147.95	21.82	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00	213.29	ppb
Tin	118-1	0.74	0.75	0.69	0.72	4.70	ppb
Titanium	47-1	1.19	1.32	1.16	1.22	6.76	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	15.71	ppb
Vanadium	51-2	1.65	1.54	1.65	1.61	3.80	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	13.88	13.66	14.32	13.95	2.41	ppb
Zirconium	90-1	0.38	0.36	0.36	0.37	4.28	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4330-10	Instrumnet Name :	P7
Client Sample ID :	SS038MW103-170719	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:13:00	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.46	0.43	0.45	0.45	3.42	ppb

LB Number : LB89007 Operator : Jaswal
 Lab Sample ID : I4365-01 Instrumnet Name : P7
 Client Sample ID : SP17-LITTLETON-LIMW Dilution Factor : 1
 Date & Time Acquired :: 2017-07-25 16:16:29 DataFile Name : 032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	64.89	72.44	69.49	68.94	5.52	ppb
Antimony	121-1	1.47	1.47	1.46	1.47	0.33	ppb
Arsenic	75-2	0.91	1.01	1.03	0.99	6.28	ppb
Barium	135-1	278.16	277.92	279.64	278.57	0.33	ppb
Barium	137-1	279.51	281.11	284.47	281.70	0.90	ppb
Beryllium	9-1	0.06	0.00	0.04	0.03	93.08	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	39.03	37.26	36.21	37.50	3.80	ppb
Boron	10-1	40.29	37.02	33.38	36.90	9.38	ppb
Cadmium	106-1	-0.80	-0.45	-1.08	-0.78		ppb
Cadmium	108-1	0.03	-0.05	0.07	0.02	356.82	ppb
Cadmium	111-1	0.02	0.03	-0.01	0.01	133.90	ppb
Calcium	43-1	130363.71	130416.69	129277.70	130019.36	0.49	ppb
Calcium	44-1	130800.61	131666.13	130597.97	131021.57	0.43	ppb
Chromium	52-2	0.81	0.71	0.79	0.77	6.75	ppb
Cobalt	59-2	2.03	2.01	2.13	2.06	3.33	ppb
Copper	63-2	8.24	8.57	8.76	8.52	3.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	282.95	282.18	283.86	283.00	0.30	ppb
Iron	57-2	410.86	399.35	413.10	407.77	1.81	ppb
Lead	206-1	1.19	1.30	1.21	1.23	4.46	ppb
Lead	207-1	1.13	1.07	1.18	1.12	4.61	ppb
Lead	208-1	1.14	1.16	1.18	1.16	1.97	ppb
Lithium	6-1						%
Magnesium	24-2	8229.27	8088.53	8156.06	8157.95	0.86	ppb
Manganese	55-2	1609.75	1611.10	1600.45	1607.10	0.36	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4365-01	Instrumnet Name :	P7
Client Sample ID :	SP17-LITTLETON-LIMW	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:16:29	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.23	0.20	0.23	0.22	6.21	ppb
Molybdenum	94-1	0.33	0.26	0.27	0.29	11.42	ppb
Molybdenum	95-1	0.29	0.29	0.30	0.30	2.39	ppb
Molybdenum	96-1	0.22	0.24	0.25	0.24	6.67	ppb
Molybdenum	97-1	0.22	0.21	0.25	0.23	9.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.60	2.05	2.53	2.40	12.51	ppb
Phosphorus	31-2	3.53	-4.61	19.52	6.15	199.58	ppb
Potassium	39-2	1545.34	1557.61	1546.04	1549.66	0.44	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.94	3.78	1.88	2.20	65.62	ppb
Selenium	78-2	-0.41	2.24	0.82	0.88	149.99	ppb
Selenium	82-1	-0.63	-0.47	0.27	-0.28		ppb
Silicon	28-1	3657.28	3653.98	3664.96	3658.74	0.15	ppb
Silver	109-1	0.24	0.21	0.21	0.22	6.82	ppb
Silver	107-1	0.23	0.21	0.25	0.23	8.60	ppb
Sodium	23-2	3769.90	3797.29	3761.65	3776.28	0.49	ppb
Strontium	86-1	465.68	465.65	469.13	466.82	0.43	ppb
Strontium	88-1	471.79	473.92	477.47	474.39	0.60	ppb
Sulfur	34-1	9752.75	9385.92	9414.63	9517.77	2.14	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.00	0.02	0.01	83.62	ppb
Thallium	205-1	0.02	0.02	0.01	0.01	26.88	ppb
Tin	118-1	0.63	0.62	0.68	0.64	4.63	ppb
Titanium	47-1	2.34	2.08	1.61	2.01	18.42	ppb
Uranium	238-1	0.43	0.42	0.41	0.42	1.92	ppb
Vanadium	51-2	0.58	0.60	0.59	0.59	1.59	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	14.24	15.22	15.01	14.82	3.47	ppb
Zirconium	90-1	0.31	0.31	0.31	0.31	0.40	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4365-01	Instrumnet Name :	P7
Client Sample ID :	SP17-LITTLETON-LIMW	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:16:29	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.28	0.25	0.31	0.28	11.07	ppb

LB Number : LB89007 Operator : Jaswal
 Lab Sample ID : I4365-02 Instrumnet Name : P7
 Client Sample ID : SP17-LITTLETON-L-FW Dilution Factor : 1
 Date & Time Acquired :: 2017-07-25 16:19:58 DataFile Name : 033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.95	3.94	4.99	4.29	14.06	ppb
Antimony	121-1	1.31	1.44	1.44	1.39	5.30	ppb
Arsenic	75-2	0.97	0.73	0.94	0.88	14.84	ppb
Barium	135-1	63.91	65.04	63.25	64.07	1.41	ppb
Barium	137-1	64.50	66.00	63.70	64.73	1.81	ppb
Beryllium	9-1	0.03	-0.02	0.05	0.02	190.22	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	29.47	28.84	28.47	28.92	1.74	ppb
Boron	10-1	26.24	27.71	28.68	27.54	4.47	ppb
Cadmium	106-1	-1.94	-0.69	-2.23	-1.62		ppb
Cadmium	108-1	0.03	-0.01	0.10	0.04	134.45	ppb
Cadmium	111-1	-0.08	0.02	-0.07	-0.04		ppb
Calcium	43-1	95300.02	95958.89	95236.49	95498.47	0.42	ppb
Calcium	44-1	95655.62	96608.67	96776.98	96347.09	0.63	ppb
Chromium	52-2	0.81	0.79	0.79	0.80	1.70	ppb
Cobalt	59-2	2.02	2.08	1.98	2.03	2.50	ppb
Copper	63-2	7.95	7.87	7.95	7.92	0.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2421.72	2417.71	2400.82	2413.42	0.46	ppb
Iron	57-2	2461.99	2502.80	2452.48	2472.42	1.08	ppb
Lead	206-1	0.61	0.63	0.57	0.60	4.89	ppb
Lead	207-1	0.60	0.59	0.62	0.60	2.63	ppb
Lead	208-1	0.60	0.60	0.58	0.59	1.57	ppb
Lithium	6-1						%
Magnesium	24-2	14228.77	14284.21	14094.89	14202.62	0.69	ppb
Manganese	55-2	775.78	775.33	770.61	773.90	0.37	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4365-02	Instrumnet Name :	P7
Client Sample ID :	SP17-LITTLETON-L-FW\	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:19:58	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.06	0.08	0.10	0.08	22.47	ppb
Molybdenum	94-1	0.11	0.15	0.13	0.13	15.20	ppb
Molybdenum	95-1	0.08	0.06	0.11	0.08	30.34	ppb
Molybdenum	96-1	0.08	0.11	0.10	0.10	14.18	ppb
Molybdenum	97-1	0.06	0.05	0.06	0.06	8.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.47	1.29	1.49	1.42	7.63	ppb
Phosphorus	31-2	-7.82	-32.69	-20.41	-20.31		ppb
Potassium	39-2	1078.55	1077.12	1066.22	1073.96	0.63	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.95	0.00	0.95	0.63	86.60	ppb
Selenium	78-2	-0.39	0.44	-0.86	-0.27		ppb
Selenium	82-1	0.84	0.19	-0.87	0.06	1559.75	ppb
Silicon	28-1	5021.37	5084.56	5042.18	5049.37	0.64	ppb
Silver	109-1	0.21	0.23	0.20	0.21	8.23	ppb
Silver	107-1	0.21	0.20	0.19	0.20	4.46	ppb
Sodium	23-2	4775.43	4796.15	4785.71	4785.76	0.22	ppb
Strontium	86-1	695.82	694.75	699.29	696.62	0.34	ppb
Strontium	88-1	704.53	712.27	715.06	710.62	0.77	ppb
Sulfur	34-1	3194.47	3184.06	3120.85	3166.46	1.26	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.57	0.64	0.58	0.60	6.70	ppb
Titanium	47-1	0.78	0.44	0.56	0.59	28.79	ppb
Uranium	238-1	0.63	0.61	0.61	0.62	2.05	ppb
Vanadium	51-2	0.47	0.45	0.51	0.48	7.32	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	133.29	132.76	131.51	132.52	0.69	ppb
Zirconium	90-1	0.14	0.17	0.17	0.16	9.18	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4365-02	Instrumnet Name :	P7
Client Sample ID :	SP17-LITTLETON-L-FW\	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:19:58	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.11	0.16	0.18	0.15	25.28	ppb

LB Number : LB89007 Operator : Jaswal
 Lab Sample ID : I4365-03 Instrumnet Name : P7
 Client Sample ID : SP17-LITTLETON-LIMW Dilution Factor : 1
 Date & Time Acquired :: 2017-07-25 16:23:27 DataFile Name : 034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50.71	61.10	69.40	60.40	15.50	ppb
Antimony	121-1	1.21	1.31	1.32	1.28	4.51	ppb
Arsenic	75-2	9.47	9.47	9.44	9.46	0.20	ppb
Barium	135-1	100.83	99.64	98.88	99.78	0.98	ppb
Barium	137-1	101.51	101.23	100.92	101.22	0.29	ppb
Beryllium	9-1	0.07	0.08	0.04	0.06	33.51	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	16.68	15.99	16.02	16.23	2.39	ppb
Boron	10-1	16.15	13.95	15.59	15.23	7.50	ppb
Cadmium	106-1	-1.87	-0.47	-0.08	-0.81		ppb
Cadmium	108-1	0.63	0.44	0.25	0.44	43.11	ppb
Cadmium	111-1	-0.13	-0.01	0.05	-0.03		ppb
Calcium	43-1	108650.73	108799.96	108076.28	108508.99	0.35	ppb
Calcium	44-1	109650.54	109813.18	109885.21	109782.98	0.11	ppb
Chromium	52-2	1.28	1.37	1.33	1.32	3.46	ppb
Cobalt	59-2	0.50	0.48	0.50	0.49	2.53	ppb
Copper	63-2	7.26	7.22	7.18	7.22	0.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	14514.11	14453.02	14495.23	14487.45	0.22	ppb
Iron	57-2	14307.58	14031.50	14146.14	14161.74	0.98	ppb
Lead	206-1	0.47	0.50	0.51	0.49	3.89	ppb
Lead	207-1	0.42	0.41	0.40	0.41	2.30	ppb
Lead	208-1	0.44	0.44	0.44	0.44	0.24	ppb
Lithium	6-1						%
Magnesium	24-2	5673.26	5628.77	5632.59	5644.87	0.44	ppb
Manganese	55-2	946.99	956.21	954.88	952.69	0.52	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4365-03	Instrumnet Name :	P7
Client Sample ID :	SP17-LITTLETON-LIMW	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:23:27	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.19	0.20	0.20	0.20	2.31	ppb
Molybdenum	94-1	3.90	3.70	3.89	3.83	3.00	ppb
Molybdenum	95-1	0.20	0.26	0.28	0.25	16.96	ppb
Molybdenum	96-1	1.19	1.13	1.24	1.19	4.85	ppb
Molybdenum	97-1	0.18	0.21	0.27	0.22	21.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.74	-0.75	-0.78	-0.76		ppb
Phosphorus	31-2	17.63	4.92	13.12	11.89	54.22	ppb
Potassium	39-2	680.40	682.20	678.81	680.47	0.25	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1.93	2.89	4.82	3.22	45.81	ppb
Selenium	78-2	0.14	-0.97	0.93	0.03	2912.99	ppb
Selenium	82-1	-0.31	0.44	0.29	0.14	286.66	ppb
Silicon	28-1	5981.77	5938.79	5933.93	5951.50	0.44	ppb
Silver	109-1	0.18	0.20	0.19	0.19	4.39	ppb
Silver	107-1	0.21	0.22	0.20	0.21	4.80	ppb
Sodium	23-2	2871.42	2931.50	2886.13	2896.35	1.08	ppb
Strontium	86-1	521.45	515.77	522.26	519.83	0.68	ppb
Strontium	88-1	533.62	523.33	529.51	528.82	0.98	ppb
Sulfur	34-1	4394.71	4439.67	4178.66	4337.68	3.22	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	0.00	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.62	0.60	0.66	0.63	4.88	ppb
Titanium	47-1	2.68	4.00	4.96	3.88	29.49	ppb
Uranium	238-1	0.26	0.27	0.27	0.27	1.24	ppb
Vanadium	51-2	2.18	2.09	2.16	2.14	2.20	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	13.99	14.25	13.98	14.07	1.09	ppb
Zirconium	90-1	5.30	5.35	5.32	5.32	0.56	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4365-03	Instrumnet Name :	P7
Client Sample ID :	SP17-LITTLETON-LIMW	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:23:27	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	5.24	5.37	5.50	5.37	2.43	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4365-04	Instrumnet Name :	P7
Client Sample ID :	SP17-LITTLETON-ER1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:26:56	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.41	0.98	1.18	1.19	18.18	ppb
Antimony	121-1	1.28	1.41	1.43	1.37	5.99	ppb
Arsenic	75-2	0.31	0.20	0.20	0.23	27.29	ppb
Barium	135-1	0.04	0.10	0.04	0.06	54.42	ppb
Barium	137-1	0.04	0.07	0.03	0.05	40.03	ppb
Beryllium	9-1	0.01	0.03	0.02	0.02	61.38	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	8.88	8.00	7.76	8.21	7.20	ppb
Boron	10-1	8.85	7.38	9.07	8.43	10.92	ppb
Cadmium	106-1	-2.06	-3.45	0.06	-1.82		ppb
Cadmium	108-1	-0.16	-0.05	-0.01	-0.07		ppb
Cadmium	111-1	-0.12	-0.23	0.03	-0.11		ppb
Calcium	43-1	21.07	15.21	14.06	16.78	22.40	ppb
Calcium	44-1	27.47	27.59	27.09	27.38	0.95	ppb
Chromium	52-2	0.61	0.70	0.60	0.64	8.49	ppb
Cobalt	59-2	0.00	0.01	-0.01	0.00	4507.03	ppb
Copper	63-2	6.41	6.52	6.43	6.45	0.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	3.59	3.08	2.91	3.19	11.13	ppb
Iron	57-2	0.75	0.54	0.91	0.74	25.46	ppb
Lead	206-1	0.19	0.20	0.20	0.20	2.46	ppb
Lead	207-1	0.23	0.20	0.25	0.23	9.66	ppb
Lead	208-1	0.20	0.19	0.20	0.19	2.64	ppb
Lithium	6-1						%
Magnesium	24-2	-4.47	-3.30	-3.20	-3.66		ppb
Manganese	55-2	-0.12	-0.06	-0.16	-0.12		ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4365-04	Instrumnet Name :	P7
Client Sample ID :	SP17-LITTLETON-ER1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:26:56	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.01	0.03	0.03	0.02	44.64	ppb
Molybdenum	94-1	0.03	0.02	0.03	0.03	15.77	ppb
Molybdenum	95-1	0.04	0.01	0.02	0.02	69.07	ppb
Molybdenum	96-1	0.01	0.03	0.02	0.02	59.58	ppb
Molybdenum	97-1	0.01	0.05	0.02	0.02	85.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-1.70	-1.69	-1.76	-1.72		ppb
Phosphorus	31-2	-19.80	-2.96	0.75	-7.33		ppb
Potassium	39-2	18.51	22.10	18.35	19.66	10.80	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.86	2.89	3.85	3.53	15.67	ppb
Selenium	78-2	0.29	-0.65	0.76	0.13	543.13	ppb
Selenium	82-1	-0.12	0.00	-0.88	-0.33		ppb
Silicon	28-1	-4.48	-3.31	-3.21	-3.67		ppb
Silver	109-1	0.18	0.19	0.19	0.19	4.09	ppb
Silver	107-1	0.17	0.16	0.19	0.17	8.76	ppb
Sodium	23-2	192.03	193.83	186.84	190.90	1.90	ppb
Strontium	86-1	0.07	0.10	0.05	0.08	34.73	ppb
Strontium	88-1	0.06	0.05	0.06	0.06	2.17	ppb
Sulfur	34-1	-289.41	-369.38	-239.15	-299.31		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.47	0.51	0.44	0.47	7.72	ppb
Titanium	47-1	0.14	0.11	0.15	0.13	18.45	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.36	0.39	0.39	0.38	5.30	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	13.30	12.45	12.46	12.74	3.86	ppb
Zirconium	90-1	0.04	0.03	0.04	0.04	17.73	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4365-04	Instrumnet Name :	P7
Client Sample ID :	SP17-LITTLETON-ER1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:26:56	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.06	0.04	0.06	24.21	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4365-05	Instrumnet Name :	P7
Client Sample ID :	SP17-LITTLETON-LIMW	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:30:27	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.62	7.02	5.47	6.37	12.68	ppb
Antimony	121-1	1.40	1.44	1.53	1.45	4.52	ppb
Arsenic	75-2	0.65	0.71	0.61	0.66	7.62	ppb
Barium	135-1	280.23	284.39	286.40	283.67	1.11	ppb
Barium	137-1	283.86	287.32	284.07	285.08	0.68	ppb
Beryllium	9-1	-0.02	-0.02	0.04	0.00	1036.20	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	16.86	16.79	16.93	16.86	0.43	ppb
Boron	10-1	15.14	14.36	15.71	15.07	4.47	ppb
Cadmium	106-1	-1.80	-2.48	-1.90	-2.06		ppb
Cadmium	108-1	0.21	-0.08	-0.08	0.02	1065.79	ppb
Cadmium	111-1	-0.12	-0.15	-0.10	-0.12		ppb
Calcium	43-1	130874.31	129939.93	130542.43	130452.22	0.36	ppb
Calcium	44-1	131285.86	131070.37	132422.00	131592.74	0.55	ppb
Chromium	52-2	0.64	0.51	0.47	0.54	15.66	ppb
Cobalt	59-2	1.98	1.97	2.06	2.00	2.46	ppb
Copper	63-2	8.21	8.80	8.60	8.54	3.50	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	19.23	19.24	19.04	19.17	0.57	ppb
Iron	57-2	130.75	128.07	143.80	134.21	6.27	ppb
Lead	206-1	0.85	0.93	0.85	0.88	5.07	ppb
Lead	207-1	0.83	0.84	0.82	0.83	1.52	ppb
Lead	208-1	0.80	0.85	0.83	0.83	2.78	ppb
Lithium	6-1						%
Magnesium	24-2	8384.87	8543.48	8563.05	8497.14	1.15	ppb
Manganese	55-2	1587.36	1623.96	1631.11	1614.14	1.45	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4365-05	Instrumnet Name :	P7
Client Sample ID :	SP17-LITTLETON-LIMW	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:30:27	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.20	0.25	0.26	0.24	12.67	ppb
Molybdenum	94-1	0.17	0.17	0.18	0.17	2.77	ppb
Molybdenum	95-1	0.28	0.31	0.34	0.31	9.78	ppb
Molybdenum	96-1	0.27	0.29	0.25	0.27	5.95	ppb
Molybdenum	97-1	0.17	0.26	0.25	0.23	20.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.35	2.54	1.89	2.26	14.92	ppb
Phosphorus	31-2	-19.78	-6.09	-14.67	-13.51		ppb
Potassium	39-2	1557.26	1615.17	1597.77	1590.07	1.87	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	5.87	1.95	0.00	2.61	114.66	ppb
Selenium	78-2	2.28	0.34	0.35	0.99	112.80	ppb
Selenium	82-1	0.15	-1.04	-0.87	-0.59		ppb
Silicon	28-1	3607.55	3564.87	3592.95	3588.46	0.60	ppb
Silver	109-1	0.17	0.16	0.17	0.17	3.93	ppb
Silver	107-1	0.17	0.14	0.17	0.16	9.90	ppb
Sodium	23-2	3906.19	3991.58	4028.01	3975.26	1.57	ppb
Strontium	86-1	471.76	469.57	467.08	469.47	0.50	ppb
Strontium	88-1	479.25	480.11	474.94	478.10	0.58	ppb
Sulfur	34-1	10249.21	9956.85	10189.47	10131.84	1.52	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.01	0.01	19.59	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	19.48	ppb
Tin	118-1	0.54	0.48	0.45	0.49	9.24	ppb
Titanium	47-1	0.68	0.55	0.72	0.65	13.97	ppb
Uranium	238-1	0.44	0.45	0.45	0.45	0.72	ppb
Vanadium	51-2	0.47	0.48	0.49	0.48	2.60	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	16.03	16.55	16.90	16.49	2.64	ppb
Zirconium	90-1	0.19	0.17	0.19	0.18	5.26	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4365-05	Instrumnet Name :	P7
Client Sample ID :	SP17-LITTLETON-LIMW	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:30:27	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.18	0.21	0.22	0.21	10.96	ppb

LB Number : LB89007 Operator : Jaswal
 Lab Sample ID : I4365-06 Instrumnet Name : P7
 Client Sample ID : SP17-LITTLETON-L-FW Dilution Factor : 1
 Date & Time Acquired :: 2017-07-25 16:33:57 DataFile Name : 037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.09	1.88	0.11	1.36	79.71	ppb
Antimony	121-1	1.28	1.38	1.41	1.36	5.19	ppb
Arsenic	75-2	0.45	0.43	0.40	0.43	5.56	ppb
Barium	135-1	61.67	61.05	62.22	61.65	0.95	ppb
Barium	137-1	62.58	62.63	63.33	62.85	0.66	ppb
Beryllium	9-1	-0.03	0.01	0.02	0.00		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	18.84	18.37	18.83	18.68	1.43	ppb
Boron	10-1	20.96	21.12	16.32	19.46	14.01	ppb
Cadmium	106-1	-2.07	-3.27	-1.24	-2.19		ppb
Cadmium	108-1	0.03	0.03	-0.01	0.02	123.57	ppb
Cadmium	111-1	-0.14	-0.23	-0.07	-0.15		ppb
Calcium	43-1	97393.99	98272.39	96893.25	97519.88	0.72	ppb
Calcium	44-1	98384.87	99072.76	99079.27	98845.63	0.40	ppb
Chromium	52-2	0.61	0.51	0.59	0.57	9.57	ppb
Cobalt	59-2	1.50	1.64	1.61	1.58	4.52	ppb
Copper	63-2	21.71	22.08	21.76	21.85	0.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	110.24	110.36	110.91	110.50	0.32	ppb
Iron	57-2	195.41	193.94	206.60	198.65	3.49	ppb
Lead	206-1	0.24	0.21	0.18	0.21	14.21	ppb
Lead	207-1	0.15	0.22	0.21	0.20	19.21	ppb
Lead	208-1	0.20	0.22	0.20	0.21	4.78	ppb
Lithium	6-1						%
Magnesium	24-2	14261.82	14332.07	14250.77	14281.55	0.31	ppb
Manganese	55-2	757.94	761.22	762.75	760.64	0.32	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4365-06	Instrumnet Name :	P7
Client Sample ID :	SP17-LITTLETON-L-FW\	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:33:57	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.22	0.25	0.27	0.25	9.50	ppb
Molybdenum	94-1	0.17	0.16	0.20	0.18	10.00	ppb
Molybdenum	95-1	0.30	0.23	0.28	0.27	13.37	ppb
Molybdenum	96-1	0.29	0.19	0.20	0.23	24.41	ppb
Molybdenum	97-1	0.22	0.25	0.24	0.24	5.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.27	0.54	0.76	0.52	46.21	ppb
Phosphorus	31-2	-23.64	-15.10	-27.93	-22.22		ppb
Potassium	39-2	1034.01	1057.23	1048.17	1046.47	1.12	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.99	1.97	2.96	1.97	49.86	ppb
Selenium	78-2	1.06	1.35	-1.07	0.45	294.76	ppb
Selenium	82-1	0.72	-0.09	-0.65	-0.01		ppb
Silicon	28-1	5012.60	5024.70	5002.17	5013.16	0.22	ppb
Silver	109-1	0.15	0.16	0.17	0.16	7.21	ppb
Silver	107-1	0.14	0.16	0.17	0.16	9.20	ppb
Sodium	23-2	4794.41	4839.99	4829.49	4821.30	0.50	ppb
Strontium	86-1	710.44	709.02	709.11	709.52	0.11	ppb
Strontium	88-1	724.59	717.26	726.66	722.83	0.68	ppb
Sulfur	34-1	3300.50	3120.24	2928.44	3116.39	5.97	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	0.00	-0.01		ppb
Thallium	205-1	-0.01	0.00	0.00	-0.01		ppb
Tin	118-1	0.52	0.51	0.47	0.50	5.00	ppb
Titanium	47-1	0.73	0.68	0.83	0.75	10.21	ppb
Uranium	238-1	0.61	0.59	0.64	0.61	3.41	ppb
Vanadium	51-2	0.38	0.46	0.51	0.45	14.31	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	22.25	22.71	22.52	22.49	1.04	ppb
Zirconium	90-1	0.17	0.17	0.13	0.16	13.08	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4365-06	Instrumnet Name :	P7
Client Sample ID :	SP17-LITTLETON-L-FW\	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:33:57	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.18	0.22	0.15	0.18	19.86	ppb

LB Number : LB89007 Operator : Jaswal
 Lab Sample ID : I4365-07 Instrumnet Name : P7
 Client Sample ID : SP17-LITTLETON-LIMW Dilution Factor : 1
 Date & Time Acquired :: 2017-07-25 16:37:26 DataFile Name : 038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	58.29	60.24	60.92	59.82	2.28	ppb
Antimony	121-1	1.19	1.20	1.24	1.21	2.59	ppb
Arsenic	75-2	8.92	9.54	9.30	9.25	3.41	ppb
Barium	135-1	94.50	94.73	95.01	94.75	0.27	ppb
Barium	137-1	96.29	94.28	95.69	95.42	1.08	ppb
Beryllium	9-1	0.02	0.08	0.01	0.04	105.28	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	11.51	11.36	10.63	11.16	4.24	ppb
Boron	10-1	10.09	11.70	11.62	11.14	8.16	ppb
Cadmium	106-1	-1.29	-1.85	-1.97	-1.70		ppb
Cadmium	108-1	0.47	0.32	0.72	0.51	40.60	ppb
Cadmium	111-1	-0.10	-0.13	-0.16	-0.13		ppb
Calcium	43-1	104257.78	104461.83	103002.72	103907.44	0.76	ppb
Calcium	44-1	105758.99	105110.81	105307.96	105392.59	0.32	ppb
Chromium	52-2	3.49	3.54	3.33	3.45	3.26	ppb
Cobalt	59-2	0.46	0.47	0.42	0.45	6.23	ppb
Copper	63-2	6.11	6.37	6.17	6.22	2.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	14325.11	14289.25	14400.22	14338.19	0.39	ppb
Iron	57-2	13992.57	13874.69	13999.13	13955.46	0.50	ppb
Lead	206-1	0.44	0.43	0.47	0.45	4.44	ppb
Lead	207-1	0.42	0.42	0.40	0.41	2.73	ppb
Lead	208-1	0.42	0.43	0.42	0.42	1.65	ppb
Lithium	6-1						%
Magnesium	24-2	5464.19	5474.03	5418.98	5452.40	0.54	ppb
Manganese	55-2	908.31	903.09	908.80	906.73	0.35	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4365-07	Instrumnet Name :	P7
Client Sample ID :	SP17-LITTLETON-LIMW	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:37:26	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.19	0.20	0.20	0.20	2.91	ppb
Molybdenum	94-1	3.81	3.80	3.76	3.79	0.65	ppb
Molybdenum	95-1	0.24	0.22	0.20	0.22	9.66	ppb
Molybdenum	96-1	1.10	1.13	0.96	1.06	8.68	ppb
Molybdenum	97-1	0.20	0.24	0.19	0.21	12.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.31	0.12	0.18	0.20	46.23	ppb
Phosphorus	31-2	15.75	2.74	-5.88	4.20	259.02	ppb
Potassium	39-2	656.29	660.56	667.19	661.35	0.83	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	1.98	3.92	1.97	99.67	ppb
Selenium	78-2	0.71	0.08	-0.44	0.11	505.08	ppb
Selenium	82-1	0.24	0.05	-0.20	0.03	718.68	ppb
Silicon	28-1	5761.60	5728.83	5710.77	5733.73	0.45	ppb
Silver	109-1	0.14	0.16	0.13	0.14	12.54	ppb
Silver	107-1	0.17	0.15	0.17	0.16	8.81	ppb
Sodium	23-2	2885.04	2880.35	2910.81	2892.07	0.57	ppb
Strontium	86-1	500.94	497.50	499.92	499.45	0.35	ppb
Strontium	88-1	508.01	505.09	507.53	506.88	0.31	ppb
Sulfur	34-1	4241.28	4048.69	4061.85	4117.27	2.61	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.59	0.60	0.59	0.59	1.05	ppb
Titanium	47-1	3.15	2.45	9.69	5.10	78.37	ppb
Uranium	238-1	0.24	0.24	0.24	0.24	1.43	ppb
Vanadium	51-2	2.06	2.17	2.24	2.16	4.38	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	20.83	20.63	20.96	20.81	0.80	ppb
Zirconium	90-1	5.20	5.10	5.21	5.17	1.19	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4365-07	Instrumnet Name :	P7
Client Sample ID :	SP17-LITTLETON-LIMW	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:37:26	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	5.51	5.03	5.54	5.36	5.39	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4365-08	Instrumnet Name :	P7
Client Sample ID :	SP17-LITTLETON-ER1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:40:54	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.90	0.55	3.66	2.04	76.41	ppb
Antimony	121-1	1.25	1.37	1.37	1.33	5.34	ppb
Arsenic	75-2	0.26	0.29	0.21	0.25	15.53	ppb
Barium	135-1	0.06	0.04	0.02	0.04	49.34	ppb
Barium	137-1	0.04	0.06	0.04	0.05	16.98	ppb
Beryllium	9-1	0.00	0.04	0.00	0.02	128.47	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	5.52	5.22	4.63	5.13	8.82	ppb
Boron	10-1	6.35	5.90	5.58	5.95	6.50	ppb
Cadmium	106-1	-0.84	-1.44	-1.94	-1.41		ppb
Cadmium	108-1	-0.08	-0.04	0.03	-0.03		ppb
Cadmium	111-1	-0.05	-0.10	-0.14	-0.09		ppb
Calcium	43-1	16.93	19.21	11.17	15.77	26.25	ppb
Calcium	44-1	28.92	33.88	30.36	31.05	8.21	ppb
Chromium	52-2	1.23	1.10	1.21	1.18	5.72	ppb
Cobalt	59-2	-0.02	-0.01	-0.01	-0.01		ppb
Copper	63-2	6.00	6.21	6.00	6.07	2.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	6.03	5.62	5.94	5.86	3.69	ppb
Iron	57-2	6.71	2.43	4.35	4.50	47.60	ppb
Lead	206-1	0.15	0.20	0.17	0.17	12.85	ppb
Lead	207-1	0.15	0.14	0.16	0.15	6.99	ppb
Lead	208-1	0.15	0.16	0.17	0.16	6.14	ppb
Lithium	6-1						%
Magnesium	24-2	-3.46	-4.18	-4.21	-3.95		ppb
Manganese	55-2	-0.03	-0.10	-0.03	-0.05		ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4365-08	Instrumnet Name :	P7
Client Sample ID :	SP17-LITTLETON-ER1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:40:54	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.01	0.02	0.02	0.02	18.18	ppb
Molybdenum	94-1	0.03	0.01	0.01	0.02	69.56	ppb
Molybdenum	95-1	0.03	0.02	0.01	0.02	46.91	ppb
Molybdenum	96-1	0.01	0.02	0.02	0.02	53.25	ppb
Molybdenum	97-1	0.01	0.00	0.01	0.00	144.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-1.46	-1.58	-1.39	-1.48		ppb
Phosphorus	31-2	-10.43	-19.44	-2.06	-10.65		ppb
Potassium	39-2	17.07	14.67	17.57	16.44	9.43	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.95	3.91	0.98	2.62	57.25	ppb
Selenium	78-2	1.84	0.52	-0.29	0.69	155.40	ppb
Selenium	82-1	-0.11	0.49	-0.53	-0.05		ppb
Silicon	28-1	-5.70	-7.07	-6.71	-6.49		ppb
Silver	109-1	0.16	0.14	0.17	0.16	10.67	ppb
Silver	107-1	0.16	0.15	0.16	0.16	3.57	ppb
Sodium	23-2	167.18	171.69	177.72	172.19	3.07	ppb
Strontium	86-1	0.04	0.12	0.16	0.11	56.21	ppb
Strontium	88-1	0.08	0.09	0.08	0.08	9.48	ppb
Sulfur	34-1	50.03	13.17	-140.22	-25.67		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.46	0.50	0.47	0.48	3.35	ppb
Titanium	47-1	0.10	0.18	0.22	0.17	37.27	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	565.16	ppb
Vanadium	51-2	0.42	0.38	0.34	0.38	10.21	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	13.46	12.32	12.96	12.91	4.46	ppb
Zirconium	90-1	0.01	0.02	0.04	0.02	66.21	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4365-08	Instrumnet Name :	P7
Client Sample ID :	SP17-LITTLETON-ER1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:40:54	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.02	0.05	0.03	66.61	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	CCV55	Instrumnet Name :	P7
Client Sample ID :	CCV55	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:44:24	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47673.54	47898.36	47880.07	47817.32	0.26	ppb
Antimony	121-1	418.04	418.10	424.99	420.38	0.95	ppb
Arsenic	75-2	474.71	476.22	470.18	473.70	0.66	ppb
Barium	135-1	2357.55	2349.71	2373.18	2360.14	0.51	ppb
Barium	137-1	2403.59	2392.34	2437.09	2411.01	0.97	ppb
Beryllium	9-1	449.60	442.62	447.77	446.66	0.81	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	430.35	439.31	444.19	437.95	1.60	ppb
Boron	10-1	441.66	443.61	432.21	439.16	1.39	ppb
Cadmium	106-1	454.35	438.59	447.27	446.74	1.77	ppb
Cadmium	108-1	445.67	444.77	449.42	446.62	0.55	ppb
Cadmium	111-1	450.10	445.24	452.23	449.19	0.80	ppb
Calcium	43-1	241672.79	240235.66	242547.16	241485.20	0.48	ppb
Calcium	44-1	241803.37	240859.95	241688.20	241450.51	0.21	ppb
Chromium	52-2	519.34	516.64	518.93	518.31	0.28	ppb
Cobalt	59-2	517.92	516.32	516.77	517.00	0.16	ppb
Copper	63-2	1028.65	1025.45	1026.01	1026.70	0.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	129362.83	128477.70	129003.81	128948.12	0.35	ppb
Iron	57-2	127304.14	126513.75	127949.80	127255.90	0.57	ppb
Lead	206-1	516.33	503.47	510.69	510.16	1.26	ppb
Lead	207-1	511.71	498.20	505.25	505.05	1.34	ppb
Lead	208-1	515.16	503.37	510.20	509.58	1.16	ppb
Lithium	6-1						%
Magnesium	24-2	237361.07	237652.64	237843.80	237619.17	0.10	ppb
Manganese	55-2	1018.54	1012.74	1019.63	1016.97	0.36	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	CCV55	Instrumnet Name :	P7
Client Sample ID :	CCV55	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:44:24	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	499.43	491.56	495.17	495.39	0.80	ppb
Molybdenum	94-1	497.40	490.97	492.88	493.75	0.67	ppb
Molybdenum	95-1	497.25	489.13	490.86	492.41	0.87	ppb
Molybdenum	96-1	495.09	486.65	490.99	490.91	0.86	ppb
Molybdenum	97-1	501.34	496.27	490.43	496.01	1.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	517.16	512.73	518.84	516.24	0.61	ppb
Phosphorus	31-2	9564.99	9692.44	9857.13	9704.85	1.51	ppb
Potassium	39-2	120041.20	118791.54	119964.16	119598.97	0.59	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	480.65	474.17	490.87	481.89	1.75	ppb
Selenium	78-2	472.56	474.10	484.24	476.97	1.33	ppb
Selenium	82-1	472.12	468.00	474.89	471.67	0.74	ppb
Silicon	28-1	523.48	532.83	531.03	529.11	0.94	ppb
Silver	109-1	448.27	445.41	452.26	448.65	0.77	ppb
Silver	107-1	441.76	436.96	444.04	440.92	0.82	ppb
Sodium	23-2	239648.28	238042.04	240305.37	239331.90	0.49	ppb
Strontium	86-1	510.63	502.37	500.50	504.50	1.07	ppb
Strontium	88-1	518.06	508.78	508.44	511.76	1.07	ppb
Sulfur	34-1	9199.72	9244.15	9373.98	9272.62	0.98	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	512.87	503.54	506.64	507.68	0.94	ppb
Thallium	205-1	527.15	515.88	525.15	522.73	1.15	ppb
Tin	118-1	463.56	456.34	461.70	460.53	0.81	ppb
Titanium	47-1	508.89	498.75	503.20	503.61	1.01	ppb
Uranium	238-1	535.71	528.54	540.19	534.81	1.10	ppb
Vanadium	51-2	516.69	515.27	516.23	516.06	0.14	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1016.47	1009.53	1014.56	1013.52	0.35	ppb
Zirconium	90-1	502.67	497.62	495.59	498.63	0.73	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	CCV55	Instrumnet Name :	P7
Client Sample ID :	CCV55	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:44:24	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	497.57	487.70	491.68	492.32	1.01	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	CCB55	Instrumnet Name :	P7
Client Sample ID :	CCB55	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:47:52	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.20	0.89	-0.02	0.23	259.95	ppb
Antimony	121-1	1.15	1.04	0.93	1.04	10.64	ppb
Arsenic	75-2	0.18	0.16	0.13	0.16	15.44	ppb
Barium	135-1	0.02	0.01	0.01	0.01	63.56	ppb
Barium	137-1	0.01	0.02	0.00	0.01	63.63	ppb
Beryllium	9-1	0.48	0.29	0.27	0.35	32.66	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	15.69	14.26	14.48	14.81	5.20	ppb
Boron	10-1	16.83	15.64	13.81	15.42	9.84	ppb
Cadmium	106-1	-1.33	-1.67	-1.07	-1.35		ppb
Cadmium	108-1	-0.05	-0.08	-0.16	-0.10		ppb
Cadmium	111-1	-0.06	-0.10	-0.04	-0.06		ppb
Calcium	43-1	0.38	-3.11	1.35	-0.46		ppb
Calcium	44-1	3.89	4.31	3.05	3.75	17.03	ppb
Chromium	52-2	-0.01	0.01	0.03	0.01	258.67	ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	1.02	1.02	0.94	0.99	4.82	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	3.39	3.21	3.60	3.40	5.75	ppb
Iron	57-2	5.66	4.45	3.21	4.44	27.55	ppb
Lead	206-1	0.06	0.08	0.09	0.07	17.11	ppb
Lead	207-1	0.10	0.08	0.08	0.09	11.87	ppb
Lead	208-1	0.06	0.07	0.07	0.07	10.90	ppb
Lithium	6-1						%
Magnesium	24-2	-14.33	-12.89	-12.88	-13.36		ppb
Manganese	55-2	-0.32	-0.38	-0.37	-0.36		ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	CCB55	Instrumnet Name :	P7
Client Sample ID :	CCB55	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:47:52	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.32	0.29	0.28	0.30	5.54	ppb
Molybdenum	94-1	0.17	0.17	0.17	0.17	2.70	ppb
Molybdenum	95-1	0.40	0.32	0.29	0.34	16.61	ppb
Molybdenum	96-1	0.32	0.26	0.25	0.28	13.79	ppb
Molybdenum	97-1	0.32	0.32	0.28	0.31	6.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-2.01	-2.20	-2.25	-2.15		ppb
Phosphorus	31-2	-9.84	-0.01	-21.04	-10.30		ppb
Potassium	39-2	4.07	-0.44	4.20	2.61	101.37	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	0.71	-0.71	0.86	0.29	303.01	ppb
Selenium	82-1	0.43	-0.06	-0.44	-0.02		ppb
Silicon	28-1	-18.20	-18.13	-18.15	-18.16		ppb
Silver	109-1	0.09	0.07	0.07	0.08	15.50	ppb
Silver	107-1	0.08	0.09	0.07	0.08	9.80	ppb
Sodium	23-2	81.05	73.18	77.63	77.29	5.10	ppb
Strontium	86-1	-0.02	-0.04	0.02	-0.01		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	36.98	ppb
Sulfur	34-1	-592.39	-628.59	-553.05	-591.35		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.05	0.02	0.03	0.03	39.71	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	13.67	ppb
Tin	118-1	0.37	0.38	0.37	0.37	1.04	ppb
Titanium	47-1	0.11	0.08	0.00	0.06	90.61	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	39.54	ppb
Vanadium	51-2	0.03	0.06	0.03	0.04	39.08	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.71	1.02	1.12	0.95	22.45	ppb
Zirconium	90-1	0.14	0.10	0.11	0.12	13.86	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	CCB55	Instrumnet Name :	P7
Client Sample ID :	CCB55	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:47:52	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.13	0.12	0.10	0.12	13.43	ppb

LB Number : LB89007 Operator : Jaswal
 Lab Sample ID : I4365-08DUP Instrumnet Name : P7
 Client Sample ID : SP17-LITTLETON-ER1D Dilution Factor : 1
 Date & Time Acquired :: 2017-07-25 16:51:22 DataFile Name : 042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.45	1.23	2.35	1.67	35.33	ppb
Antimony	121-1	2.78	2.40	2.37	2.51	9.18	ppb
Arsenic	75-2	0.37	0.34	0.26	0.32	18.16	ppb
Barium	135-1	0.16	0.13	0.18	0.16	15.24	ppb
Barium	137-1	0.17	0.13	0.12	0.14	16.58	ppb
Beryllium	9-1	0.14	0.10	0.11	0.12	17.08	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	8.85	7.76	7.49	8.03	8.98	ppb
Boron	10-1	9.12	8.84	8.13	8.70	5.86	ppb
Cadmium	106-1	-1.71	-4.00	-2.20	-2.64		ppb
Cadmium	108-1	0.31	0.34	0.07	0.24	61.24	ppb
Cadmium	111-1	-0.02	-0.19	-0.06	-0.09		ppb
Calcium	43-1	19.84	19.31	11.44	16.86	27.88	ppb
Calcium	44-1	20.21	22.17	24.34	22.24	9.30	ppb
Chromium	52-2	1.17	1.20	1.11	1.16	3.88	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	6.35	6.26	6.32	6.31	0.70	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	7.66	7.82	7.53	7.67	1.88	ppb
Iron	57-2	3.67	4.80	6.00	4.82	24.16	ppb
Lead	206-1	0.23	0.22	0.22	0.22	4.07	ppb
Lead	207-1	0.20	0.23	0.23	0.22	6.14	ppb
Lead	208-1	0.23	0.22	0.21	0.22	3.20	ppb
Lithium	6-1						%
Magnesium	24-2	-10.39	-9.74	-9.29	-9.80		ppb
Manganese	55-2	-0.12	-0.14	-0.10	-0.12		ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4365-08DUP	Instrumnet Name :	P7
Client Sample ID :	SP17-LITTLETON-ER1D	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:51:22	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.11	0.15	0.14	0.13	16.99	ppb
Molybdenum	94-1	0.31	0.25	0.26	0.27	11.51	ppb
Molybdenum	95-1	0.11	0.12	0.10	0.11	11.44	ppb
Molybdenum	96-1	0.22	0.13	0.17	0.17	24.13	ppb
Molybdenum	97-1	0.15	0.16	0.12	0.14	13.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-1.71	-1.54	-1.62	-1.62		ppb
Phosphorus	31-2	15.05	-27.73	-23.33	-12.00		ppb
Potassium	39-2	17.87	21.11	17.85	18.94	9.90	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.95	5.93	0.98	3.29	75.84	ppb
Selenium	78-2	0.05	0.72	0.68	0.49	77.41	ppb
Selenium	82-1	-0.10	0.59	-0.20	0.10	430.72	ppb
Silicon	28-1	-3.37	-4.29	-5.38	-4.34		ppb
Silver	109-1	0.40	0.34	0.32	0.35	11.63	ppb
Silver	107-1	0.38	0.37	0.33	0.36	7.19	ppb
Sodium	23-2	177.94	180.58	182.11	180.21	1.17	ppb
Strontium	86-1	0.03	0.07	0.12	0.07	62.97	ppb
Strontium	88-1	0.07	0.07	0.06	0.07	6.42	ppb
Sulfur	34-1	-418.29	-485.87	-494.37	-466.18		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.03	0.02	0.02	21.54	ppb
Thallium	205-1	0.03	0.02	0.01	0.02	40.46	ppb
Tin	118-1	0.76	0.80	0.74	0.77	3.89	ppb
Titanium	47-1	0.10	0.19	0.16	0.15	30.12	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	4.12	ppb
Vanadium	51-2	0.35	0.35	0.48	0.39	18.39	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	12.74	13.57	13.18	13.16	3.16	ppb
Zirconium	90-1	0.41	0.36	0.34	0.37	9.06	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4365-08DUP	Instrumnet Name :	P7
Client Sample ID :	SP17-LITTLETON-ER1D	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:51:22	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.48	0.36	0.33	0.39	20.56	ppb

LB Number : LB89007 Operator : Jaswal
 Lab Sample ID : I4365-08LX5 Instrumnet Name : P7
 Client Sample ID : SP17-LITTLETON-ER1L Dilution Factor : 5
 Date & Time Acquired :: 2017-07-25 16:54:52 DataFile Name : 043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.04	0.03	0.03	0.03	9.65	ppb
Antimony	121-1	0.59	0.52	0.51	0.54	7.71	ppb
Arsenic	75-2	0.03	0.11	0.04	0.06	76.48	ppb
Barium	135-1	0.04	0.01	0.02	0.02	57.44	ppb
Barium	137-1	0.01	0.01	0.01	0.01	11.55	ppb
Beryllium	9-1	0.09	0.15	0.08	0.11	32.76	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	5.53	5.73	5.50	5.59	2.27	ppb
Boron	10-1	6.57	4.89	6.88	6.12	17.48	ppb
Cadmium	106-1	-1.44	-0.66	-1.72	-1.27		ppb
Cadmium	108-1	-0.05	-0.12	-0.16	-0.11		ppb
Cadmium	111-1	-0.10	-0.04	-0.12	-0.09		ppb
Calcium	43-1	5.40	6.01	8.60	6.67	25.44	ppb
Calcium	44-1	8.60	10.72	12.04	10.45	16.59	ppb
Chromium	52-2	0.26	0.28	0.23	0.26	9.45	ppb
Cobalt	59-2	-0.01	-0.01	-0.03	-0.02		ppb
Copper	63-2	2.17	2.14	2.12	2.14	1.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2.72	2.08	2.37	2.39	13.39	ppb
Iron	57-2	3.84	-0.98	2.10	1.65	147.55	ppb
Lead	206-1	0.06	0.05	0.06	0.06	2.89	ppb
Lead	207-1	0.05	0.04	0.05	0.05	10.07	ppb
Lead	208-1	0.05	0.04	0.05	0.05	9.22	ppb
Lithium	6-1						%
Magnesium	24-2	-10.62	-10.53	-10.19	-10.45		ppb
Manganese	55-2	-0.23	-0.27	-0.31	-0.27		ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4365-08LX5	Instrumnet Name :	P7
Client Sample ID :	SP17-LITTLETON-ER1L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-25 16:54:52	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.03	0.06	0.05	0.05	39.68	ppb
Molybdenum	94-1	0.06	0.04	0.06	0.05	22.36	ppb
Molybdenum	95-1	0.03	0.06	0.05	0.05	30.75	ppb
Molybdenum	96-1	0.06	0.03	0.06	0.05	39.27	ppb
Molybdenum	97-1	0.09	0.02	0.02	0.04	101.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-1.78	-1.88	-2.06	-1.91		ppb
Phosphorus	31-2	-6.96	0.41	-7.32	-4.62		ppb
Potassium	39-2	10.18	-1.73	4.82	4.43	134.80	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.90	0.00	0.30	173.21	ppb
Selenium	78-2	-0.39	-0.56	-0.42	-0.46		ppb
Selenium	82-1	0.16	-0.70	-0.35	-0.30		ppb
Silicon	28-1	-16.94	-17.20	-16.57	-16.91		ppb
Silver	109-1	0.10	0.09	0.08	0.09	11.20	ppb
Silver	107-1	0.11	0.11	0.10	0.11	6.54	ppb
Sodium	23-2	82.71	79.27	81.06	81.01	2.13	ppb
Strontium	86-1	0.01	-0.01	-0.04	-0.01		ppb
Strontium	88-1	0.02	0.01	0.01	0.01	19.19	ppb
Sulfur	34-1	-583.29	-782.62	-475.69	-613.87		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	0.00	0.00	0.00		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.14	0.15	0.13	0.14	5.32	ppb
Titanium	47-1	0.04	0.07	0.03	0.04	53.37	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.11	0.11	0.13	0.12	9.95	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.56	2.65	3.15	2.78	11.33	ppb
Zirconium	90-1	0.05	0.06	0.06	0.06	11.00	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4365-08LX5	Instrumnet Name :	P7
Client Sample ID :	SP17-LITTLETON-ER1L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-25 16:54:52	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.02	0.10	0.06	69.46	ppb

LB Number : LB89007 Operator : Jaswal
 Lab Sample ID : I4365-08MS Instrumnet Name : P7
 Client Sample ID : SP17-LITTLETON-ER1M Dilution Factor : 1
 Date & Time Acquired :: 2017-07-25 16:58:22 DataFile Name : 044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9266.57	9264.44	9228.80	9253.27	0.23	ppb
Antimony	121-1	496.95	490.21	496.46	494.54	0.76	ppb
Arsenic	75-2	509.80	511.47	512.63	511.30	0.28	ppb
Barium	135-1	2421.72	2376.51	2406.02	2401.42	0.96	ppb
Barium	137-1	2479.77	2426.10	2466.30	2457.39	1.14	ppb
Beryllium	9-1	381.34	378.58	378.45	379.46	0.43	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	362.02	365.66	370.83	366.17	1.21	ppb
Boron	10-1	371.31	355.10	353.80	360.07	2.71	ppb
Cadmium	106-1	478.54	473.64	479.76	477.31	0.68	ppb
Cadmium	108-1	488.79	479.62	483.05	483.82	0.96	ppb
Cadmium	111-1	491.17	480.07	488.68	486.64	1.20	ppb
Calcium	43-1	49677.84	50278.03	49771.02	49908.96	0.65	ppb
Calcium	44-1	50373.46	50610.48	50761.30	50581.75	0.39	ppb
Chromium	52-2	573.87	566.52	569.68	570.03	0.65	ppb
Cobalt	59-2	588.01	587.74	587.19	587.65	0.07	ppb
Copper	63-2	1186.68	1179.28	1181.14	1182.37	0.33	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	28533.25	28301.85	28331.94	28389.01	0.44	ppb
Iron	57-2	27653.32	27555.12	27514.98	27574.47	0.26	ppb
Lead	206-1	514.98	520.12	528.78	521.29	1.34	ppb
Lead	207-1	511.89	518.55	521.89	517.44	0.98	ppb
Lead	208-1	516.09	520.50	525.00	520.53	0.86	ppb
Lithium	6-1						%
Magnesium	24-2	47818.48	47456.87	47456.02	47577.12	0.44	ppb
Manganese	55-2	1068.17	1064.65	1059.47	1064.10	0.41	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4365-08MS	Instrumnet Name :	P7
Client Sample ID :	SP17-LITTLETON-ER1M	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:58:22	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	509.29	501.32	503.36	504.65	0.82	ppb
Molybdenum	94-1	542.37	533.50	536.43	537.44	0.84	ppb
Molybdenum	95-1	508.07	498.51	502.70	503.09	0.95	ppb
Molybdenum	96-1	510.86	505.63	508.87	508.45	0.52	ppb
Molybdenum	97-1	510.40	499.46	506.43	505.43	1.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	602.24	596.74	601.46	600.15	0.50	ppb
Phosphorus	31-2	-10.61	-19.24	-27.83	-19.23		ppb
Potassium	39-2	24460.32	24172.00	24298.67	24310.33	0.59	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	481.27	520.12	499.67	500.36	3.88	ppb
Selenium	78-2	519.29	484.86	493.58	499.24	3.59	ppb
Selenium	82-1	513.77	505.55	511.66	510.33	0.84	ppb
Silicon	28-1	490.68	489.86	493.14	491.23	0.35	ppb
Silver	109-1	478.06	467.43	472.48	472.66	1.12	ppb
Silver	107-1	469.19	458.85	465.97	464.67	1.14	ppb
Sodium	23-2	50830.14	50995.29	50842.52	50889.32	0.18	ppb
Strontium	86-1	3.67	3.84	3.85	3.78	2.67	ppb
Strontium	88-1	3.97	3.93	3.88	3.93	1.16	ppb
Sulfur	34-1	-678.28	-801.10	-805.77	-761.72		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	522.49	527.53	537.15	529.06	1.41	ppb
Thallium	205-1	530.65	540.88	548.89	540.14	1.69	ppb
Tin	118-1	455.86	448.03	456.32	453.40	1.03	ppb
Titanium	47-1	503.86	509.82	507.54	507.07	0.59	ppb
Uranium	238-1	516.85	529.98	535.16	527.33	1.79	ppb
Vanadium	51-2	554.72	550.69	551.10	552.17	0.40	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1113.09	1115.83	1111.09	1113.34	0.21	ppb
Zirconium	90-1	563.77	552.31	558.30	558.13	1.03	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4365-08MS	Instrumnet Name :	P7
Client Sample ID :	SP17-LITTLETON-ER1M	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:58:22	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	556.78	546.34	554.84	552.65	1.01	ppb

LB Number : LB89007 Operator : Jaswal
 Lab Sample ID : I4365-08MSD Instrumnet Name : P7
 Client Sample ID : SP17-LITTLETON-ER1M Dilution Factor : 1
 Date & Time Acquired :: 2017-07-25 17:01:50 DataFile Name : 045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9521.24	9358.89	9266.45	9382.20	1.37	ppb
Antimony	121-1	491.45	495.50	488.35	491.76	0.73	ppb
Arsenic	75-2	514.62	516.45	509.78	513.61	0.67	ppb
Barium	135-1	2394.74	2395.22	2377.95	2389.30	0.41	ppb
Barium	137-1	2427.09	2465.43	2428.45	2440.33	0.89	ppb
Beryllium	9-1	382.93	380.69	382.89	382.17	0.34	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	384.84	386.57	389.99	387.14	0.68	ppb
Boron	10-1	371.50	382.72	381.36	378.53	1.62	ppb
Cadmium	106-1	477.54	477.13	470.96	475.21	0.78	ppb
Cadmium	108-1	480.93	483.16	480.47	481.52	0.30	ppb
Cadmium	111-1	482.42	486.11	480.73	483.09	0.57	ppb
Calcium	43-1	52047.24	51919.79	52063.28	52010.10	0.15	ppb
Calcium	44-1	53366.35	53305.93	53332.05	53334.78	0.06	ppb
Chromium	52-2	579.71	576.56	578.05	578.11	0.27	ppb
Cobalt	59-2	599.55	592.32	595.34	595.74	0.61	ppb
Copper	63-2	1202.08	1190.98	1194.51	1195.86	0.47	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	28966.63	28477.22	28631.75	28691.87	0.87	ppb
Iron	57-2	27862.50	27664.41	27773.92	27766.94	0.36	ppb
Lead	206-1	527.96	529.39	533.26	530.20	0.52	ppb
Lead	207-1	518.95	521.78	528.46	523.06	0.93	ppb
Lead	208-1	524.78	528.80	531.89	528.49	0.67	ppb
Lithium	6-1						%
Magnesium	24-2	50390.69	49941.00	49945.45	50092.38	0.52	ppb
Manganese	55-2	1080.57	1071.73	1076.11	1076.14	0.41	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4365-08MSD	Instrumnet Name :	P7
Client Sample ID :	SP17-LITTLETON-ER1M	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:01:50	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	504.15	511.56	513.70	509.80	0.98	ppb
Molybdenum	94-1	538.24	544.68	545.73	542.88	0.75	ppb
Molybdenum	95-1	505.26	511.51	510.46	509.08	0.66	ppb
Molybdenum	96-1	510.35	514.98	516.72	514.02	0.64	ppb
Molybdenum	97-1	509.41	510.30	517.76	512.49	0.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	611.33	600.75	606.62	606.23	0.87	ppb
Phosphorus	31-2	-17.89	-35.79	-9.27	-20.98		ppb
Potassium	39-2	24765.25	24558.95	24497.83	24607.34	0.57	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	461.20	551.80	508.52	507.17	8.94	ppb
Selenium	78-2	517.92	511.85	499.80	509.86	1.81	ppb
Selenium	82-1	506.72	512.85	516.37	511.98	0.95	ppb
Silicon	28-1	493.63	495.34	498.42	495.80	0.49	ppb
Silver	109-1	467.36	471.53	464.60	467.83	0.75	ppb
Silver	107-1	457.08	461.20	453.97	457.42	0.79	ppb
Sodium	23-2	51868.73	51825.31	51397.16	51697.07	0.50	ppb
Strontium	86-1	3.74	4.07	4.22	4.01	6.06	ppb
Strontium	88-1	4.09	4.04	4.11	4.08	0.89	ppb
Sulfur	34-1	-703.74	-811.06	-740.40	-751.73		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	534.99	537.58	541.35	537.97	0.59	ppb
Thallium	205-1	550.13	553.59	557.93	553.88	0.71	ppb
Tin	118-1	452.16	454.82	447.70	451.56	0.80	ppb
Titanium	47-1	512.94	512.08	508.83	511.29	0.42	ppb
Uranium	238-1	536.86	539.08	541.25	539.06	0.41	ppb
Vanadium	51-2	565.38	555.97	560.10	560.49	0.84	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1130.71	1123.19	1132.61	1128.84	0.44	ppb
Zirconium	90-1	559.88	565.20	564.22	563.10	0.50	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4365-08MSD	Instrumnet Name :	P7
Client Sample ID :	SP17-LITTLETON-ER1M	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:01:50	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	557.62	559.51	555.55	557.56	0.36	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4365-08A	Instrumnet Name :	P7
Client Sample ID :	SP17-LITTLETON-ER1A	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:05:18	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9147.89	9172.49	9114.89	9145.09	0.32	ppb
Antimony	121-1	491.28	486.27	485.33	487.63	0.66	ppb
Arsenic	75-2	515.02	509.52	514.09	512.88	0.57	ppb
Barium	135-1	2367.83	2363.86	2358.15	2363.28	0.21	ppb
Barium	137-1	2408.53	2417.28	2413.11	2412.97	0.18	ppb
Beryllium	9-1	384.35	384.13	385.58	384.68	0.20	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	382.64	386.59	386.14	385.12	0.56	ppb
Boron	10-1	380.13	377.18	385.67	380.99	1.13	ppb
Cadmium	106-1	465.91	478.77	465.27	469.98	1.62	ppb
Cadmium	108-1	478.95	473.01	480.84	477.60	0.86	ppb
Cadmium	111-1	478.13	480.36	478.62	479.03	0.24	ppb
Calcium	43-1	51444.38	51198.21	51514.43	51385.67	0.32	ppb
Calcium	44-1	52032.36	51869.93	52126.64	52009.64	0.25	ppb
Chromium	52-2	570.25	571.14	567.62	569.67	0.32	ppb
Cobalt	59-2	587.76	589.21	586.96	587.98	0.19	ppb
Copper	63-2	1187.80	1185.34	1178.36	1183.83	0.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	28571.97	28449.23	28487.14	28502.78	0.22	ppb
Iron	57-2	27677.47	27530.00	27604.11	27603.86	0.27	ppb
Lead	206-1	524.88	529.03	529.85	527.92	0.51	ppb
Lead	207-1	520.93	522.88	525.52	523.11	0.44	ppb
Lead	208-1	526.03	527.98	529.60	527.87	0.34	ppb
Lithium	6-1						%
Magnesium	24-2	48532.40	48774.74	48326.03	48544.39	0.46	ppb
Manganese	55-2	1066.67	1064.65	1059.28	1063.54	0.36	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4365-08A	Instrumnet Name :	P7
Client Sample ID :	SP17-LITTLETON-ER1A	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:05:18	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	502.61	508.27	502.46	504.44	0.66	ppb
Molybdenum	94-1	537.67	537.36	535.94	536.99	0.17	ppb
Molybdenum	95-1	504.57	507.24	503.68	505.16	0.37	ppb
Molybdenum	96-1	512.32	515.07	506.61	511.33	0.84	ppb
Molybdenum	97-1	507.83	509.44	504.29	507.19	0.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	599.65	601.45	600.33	600.48	0.15	ppb
Phosphorus	31-2	-18.73	-9.62	-22.89	-17.08		ppb
Potassium	39-2	24233.30	24265.04	24116.57	24204.97	0.32	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	507.93	480.91	518.06	502.30	3.82	ppb
Selenium	78-2	500.34	487.16	499.18	495.56	1.47	ppb
Selenium	82-1	505.42	514.34	511.73	510.50	0.90	ppb
Silicon	28-1	492.21	489.68	490.12	490.67	0.28	ppb
Silver	109-1	466.88	465.90	462.72	465.16	0.47	ppb
Silver	107-1	456.09	456.33	454.48	455.63	0.22	ppb
Sodium	23-2	50955.33	50836.61	50649.26	50813.73	0.30	ppb
Strontium	86-1	4.02	4.12	3.86	4.00	3.25	ppb
Strontium	88-1	4.00	3.98	4.06	4.01	1.02	ppb
Sulfur	34-1	-875.36	-929.43	-893.32	-899.37		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	534.16	540.23	536.67	537.02	0.57	ppb
Thallium	205-1	544.59	551.46	552.84	549.63	0.80	ppb
Tin	118-1	451.82	446.25	445.83	447.97	0.75	ppb
Titanium	47-1	510.11	514.61	510.42	511.71	0.49	ppb
Uranium	238-1	537.09	538.21	542.49	539.26	0.53	ppb
Vanadium	51-2	552.52	555.44	551.82	553.26	0.35	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1124.68	1127.37	1121.50	1124.52	0.26	ppb
Zirconium	90-1	557.60	559.65	554.71	557.32	0.45	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4365-08A	Instrumnet Name :	P7
Client Sample ID :	SP17-LITTLETON-ER1A	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:05:18	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	546.63	551.93	550.24	549.60	0.49	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	CCV56	Instrumnet Name :	P7
Client Sample ID :	CCV56	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:08:47	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46783.84	46631.81	47089.96	46835.20	0.50	ppb
Antimony	121-1	400.93	402.47	411.41	404.94	1.40	ppb
Arsenic	75-2	462.45	466.88	466.35	465.23	0.52	ppb
Barium	135-1	2277.74	2278.14	2320.68	2292.19	1.08	ppb
Barium	137-1	2333.95	2333.80	2381.25	2349.67	1.16	ppb
Beryllium	9-1	436.92	438.58	438.39	437.96	0.21	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	450.67	448.07	458.58	452.44	1.21	ppb
Boron	10-1	449.05	453.14	459.39	453.86	1.15	ppb
Cadmium	106-1	431.88	428.53	439.86	433.42	1.34	ppb
Cadmium	108-1	434.85	441.65	444.59	440.36	1.13	ppb
Cadmium	111-1	432.95	437.21	439.46	436.54	0.76	ppb
Calcium	43-1	237748.22	237538.14	237928.52	237738.29	0.08	ppb
Calcium	44-1	239095.41	238768.53	238594.38	238819.44	0.11	ppb
Chromium	52-2	507.29	512.84	511.34	510.49	0.56	ppb
Cobalt	59-2	507.98	505.33	508.60	507.30	0.34	ppb
Copper	63-2	1011.29	1009.44	1007.85	1009.53	0.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	127434.48	126882.03	126870.14	127062.22	0.25	ppb
Iron	57-2	123985.26	123881.24	124201.54	124022.68	0.13	ppb
Lead	206-1	499.67	506.88	502.84	503.13	0.72	ppb
Lead	207-1	496.29	497.10	495.95	496.44	0.12	ppb
Lead	208-1	500.16	503.40	500.79	501.45	0.34	ppb
Lithium	6-1						%
Magnesium	24-2	233668.64	234388.63	237161.73	235073.00	0.78	ppb
Manganese	55-2	999.95	998.59	998.30	998.95	0.09	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	CCV56	Instrumnet Name :	P7
Client Sample ID :	CCV56	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:08:47	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	482.08	481.02	481.41	481.50	0.11	ppb
Molybdenum	94-1	484.80	483.03	482.65	483.49	0.24	ppb
Molybdenum	95-1	484.35	484.32	484.69	484.45	0.04	ppb
Molybdenum	96-1	478.27	485.84	480.12	481.41	0.82	ppb
Molybdenum	97-1	484.68	485.65	484.56	484.96	0.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	506.57	504.27	509.25	506.70	0.49	ppb
Phosphorus	31-2	9204.02	9384.95	9462.35	9350.44	1.42	ppb
Potassium	39-2	117586.59	117596.95	116735.09	117306.21	0.42	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	467.31	454.08	447.39	456.26	2.22	ppb
Selenium	78-2	454.26	450.48	478.34	461.03	3.28	ppb
Selenium	82-1	461.40	462.79	462.13	462.11	0.15	ppb
Silicon	28-1	517.43	521.74	525.09	521.42	0.74	ppb
Silver	109-1	431.95	435.11	439.69	435.58	0.89	ppb
Silver	107-1	423.53	426.76	433.77	428.02	1.22	ppb
Sodium	23-2	236392.04	236767.45	236989.74	236716.41	0.13	ppb
Strontium	86-1	487.28	491.60	489.87	489.58	0.44	ppb
Strontium	88-1	503.31	502.99	508.43	504.91	0.60	ppb
Sulfur	34-1	8867.31	9329.98	9277.18	9158.15	2.77	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	497.80	499.66	498.33	498.60	0.19	ppb
Thallium	205-1	511.48	516.71	514.67	514.29	0.51	ppb
Tin	118-1	446.72	446.31	453.34	448.79	0.88	ppb
Titanium	47-1	495.11	489.77	497.59	494.16	0.81	ppb
Uranium	238-1	519.61	530.18	526.60	525.46	1.02	ppb
Vanadium	51-2	503.10	503.74	506.92	504.59	0.41	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	989.79	1002.60	995.84	996.08	0.64	ppb
Zirconium	90-1	484.13	483.33	483.92	483.79	0.09	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	CCV56	Instrumnet Name :	P7
Client Sample ID :	CCV56	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:08:47	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	483.87	481.46	483.43	482.92	0.27	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	CCB56	Instrumnet Name :	P7
Client Sample ID :	CCB56	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:12:14	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.37	0.19	0.75	0.43	65.81	ppb
Antimony	121-1	1.11	0.98	0.99	1.03	7.18	ppb
Arsenic	75-2	0.10	0.11	0.10	0.10	6.28	ppb
Barium	135-1	0.04	0.04	0.02	0.03	39.63	ppb
Barium	137-1	0.02	0.03	0.03	0.03	11.56	ppb
Beryllium	9-1	0.74	0.78	0.71	0.74	5.25	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	26.62	25.81	24.96	25.80	3.22	ppb
Boron	10-1	27.03	25.53	26.01	26.19	2.92	ppb
Cadmium	106-1	-1.07	-0.39	-0.13	-0.53		ppb
Cadmium	108-1	-0.05	0.03	-0.08	-0.03		ppb
Cadmium	111-1	-0.04	0.03	0.02	0.00	3260.83	ppb
Calcium	43-1	-2.07	-1.08	-0.14	-1.10		ppb
Calcium	44-1	2.29	3.84	2.79	2.97	26.67	ppb
Chromium	52-2	0.02	-0.02	0.03	0.01	243.26	ppb
Cobalt	59-2	0.04	0.01	0.01	0.02	104.59	ppb
Copper	63-2	0.93	0.80	0.83	0.85	8.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	3.96	4.06	3.82	3.95	3.06	ppb
Iron	57-2	2.96	1.09	5.93	3.33	73.25	ppb
Lead	206-1	0.11	0.13	0.10	0.11	15.04	ppb
Lead	207-1	0.12	0.13	0.13	0.13	4.10	ppb
Lead	208-1	0.11	0.12	0.10	0.11	9.16	ppb
Lithium	6-1						%
Magnesium	24-2	-14.72	-15.22	-14.28	-14.74		ppb
Manganese	55-2	-0.35	-0.23	-0.29	-0.29		ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	CCB56	Instrumnet Name :	P7
Client Sample ID :	CCB56	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:12:14	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.34	0.35	0.35	0.35	1.25	ppb
Molybdenum	94-1	0.21	0.20	0.16	0.19	13.95	ppb
Molybdenum	95-1	0.35	0.38	0.31	0.35	10.43	ppb
Molybdenum	96-1	0.29	0.32	0.27	0.29	7.51	ppb
Molybdenum	97-1	0.30	0.36	0.32	0.33	8.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-2.14	-2.21	-2.31	-2.22		ppb
Phosphorus	31-2	-27.89	-23.97	-27.81	-26.56		ppb
Potassium	39-2	2.89	-0.62	1.85	1.37	131.45	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.88	0.00	0.29	173.21	ppb
Selenium	78-2	-0.93	0.39	0.94	0.13	729.18	ppb
Selenium	82-1	-0.36	0.16	0.21	0.01	5651.45	ppb
Silicon	28-1	-20.16	-19.62	-20.15	-19.98		ppb
Silver	109-1	0.10	0.07	0.08	0.08	19.86	ppb
Silver	107-1	0.09	0.08	0.07	0.08	11.46	ppb
Sodium	23-2	72.46	71.23	70.08	71.26	1.67	ppb
Strontium	86-1	-0.01	-0.03	-0.01	-0.01		ppb
Strontium	88-1	0.01	0.00	0.00	0.00	217.23	ppb
Sulfur	34-1	-926.47	-922.68	-998.96	-949.37		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.05	0.08	0.06	0.06	27.34	ppb
Thallium	205-1	0.06	0.05	0.06	0.06	4.54	ppb
Tin	118-1	0.32	0.22	0.28	0.28	17.96	ppb
Titanium	47-1	0.02	0.07	-0.01	0.03	159.24	ppb
Uranium	238-1	0.02	0.02	0.01	0.01	11.69	ppb
Vanadium	51-2	0.01	0.03	0.03	0.02	44.97	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.83	1.05	0.62	0.83	25.24	ppb
Zirconium	90-1	0.11	0.08	0.10	0.09	13.92	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	CCB56	Instrumnet Name :	P7
Client Sample ID :	CCB56	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:12:14	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.09	0.05	0.08	27.57	ppb

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:30:23	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	42	58	47	20.38	cps
Antimony	121-1	117	42	83	81	46.64	cps
Arsenic	75-2	4	9	11	8	48.07	cps
Barium	135-1	17	50	25	31	56.77	cps
Barium	137-1	50	42	67	53	24.12	cps
Beryllium	9-1	117	122	122	120	2.67	cps
Bismuth	209-1	6220308	6150648	6250850	6207269	0.83	cps
Bismuth	209-2	3974626	4020640	4015048	4003438	0.63	cps
Boron	11-1	733	733	667	711	5.41	cps
Boron	10-1	100	150	142	131	20.52	cps
Cadmium	106-1	2425	2417	2675	2506	5.86	cps
Cadmium	108-1	13	38	8	19	81.14	cps
Cadmium	111-1	1701	1686	1871	1753	5.85	cps
Calcium	43-1	258	142	167	189	32.52	cps
Calcium	44-1	5918	5785	5510	5738	3.63	cps
Chromium	52-2	370	440	400	403	8.71	cps
Cobalt	59-2	137	147	123	136	8.63	cps
Copper	63-2	767	760	760	762	0.50	cps
Dysprosium	156-1	25	17	17	19	24.73	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	17	33	58	36	58.08	cps
Erbium	164-2	17	17	3	12	63.01	cps
Gadolinium	160-1	25	58	50	44	39.04	cps
Gadolinium	160-2	50	83	43	59	36.40	cps
Holmium	165-1	9195474	9105332	9167942	9156249	0.50	cps
Holmium	165-2	5004196	5071426	5053754	5043125	0.69	cps
Indium	115-1	7308917	7248954	7407832	7321901	1.10	cps
Indium	115-2	1504149	1506239	1499410	1503266	0.23	cps
Iron	56-2	6657	6757	6891	6768	1.73	cps
Iron	57-2	311	289	306	302	3.83	cps
Lead	206-1	661	628	544	611	9.83	cps
Lead	207-1	600	450	539	530	14.24	cps
Lead	208-1	2872	2528	2489	2630	8.02	cps
Lithium	6-1	1178094	1165132	1162321	1168516	0.72	cps
Magnesium	24-2	3175	3200	3359	3245	3.06	cps
Manganese	55-2	687	797	743	742	7.41	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:30:23	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	117	133	117	122	7.87	cps
Molybdenum	94-1	233	217	242	231	5.52	cps
Molybdenum	95-1	75	58	42	58	28.57	cps
Molybdenum	96-1	108	75	125	103	24.77	cps
Molybdenum	97-1	50	100	83	78	32.74	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	3170	3034	3050	3085	2.42	cps
Phosphorus	31-2	158	200	158	172	13.97	cps
Potassium	39-2	29773	28545	29121	29146	2.11	cps
Rhodium	103-1	6549127	6524171	6603990	6559096	0.62	cps
Rhodium	103-2	3074601	3078795	3080473	3077956	0.10	cps
Scandium	45-1	4479668	4458855	4453285	4463936	0.31	cps
Scandium	45-2	182860	184597	183450	183636	0.48	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	61	56	70	62	12.00	cps
Selenium	82-1	33	37	-22	16	206.82	cps
Silicon	28-1	409241	392170	387195	396202	2.92	cps
Silver	109-1	25	33	42	33	25.01	cps
Silver	107-1	67	42	25	44	47.19	cps
Sodium	23-2	10571	9870	10529	10323	3.81	cps
Strontium	86-1	842	900	800	847	5.93	cps
Strontium	88-1	800	625	817	747	14.21	cps
Sulfur	34-1	271472	266986	271649	270036	0.98	cps
Terbium	159-1	9552679	9515367	9665682	9577909	0.82	cps
Terbium	159-2	5008379	5030568	4991270	5010072	0.39	cps
Thallium	203-1	100	133	100	111	17.32	cps
Thallium	205-1	350	350	233	311	21.65	cps
Tin	118-1	483	508	675	556	18.76	cps
Titanium	47-1	83	108	108	100	14.43	cps
Uranium	238-1	100	100	42	81	41.81	cps
Vanadium	51-2	7	10	10	9	21.63	cps
Yttrium	89-1	7467127	7412838	7499148	7459705	0.58	cps
Yttrium	89-2	1109748	1115847	1115015	1113537	0.30	cps
Zinc	66-2	90	107	127	108	17.03	cps
Zirconium	90-1	500	675	500	558	18.10	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:30:23	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	108	117	150	125	17.64	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:38:04	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1225	1067	1142	1145	6.92	cps
Antimony	121-1	13874	13932	13757	13855	0.64	cps
Arsenic	75-2	250	248	215	238	8.33	cps
Barium	135-1	17537	17537	18163	17745	2.04	cps
Barium	137-1	29916	30083	30685	30228	1.34	cps
Beryllium	9-1	1256	1250	1156	1220	4.61	cps
Bismuth	209-1	6116728	6119818	6079568	6105371	0.37	cps
Bismuth	209-2	3936880	3967600	3958516	3954332	0.40	cps
Boron	11-1	14866	14766	14332	14655	1.94	cps
Boron	10-1	2975	2842	2834	2884	2.76	cps
Cadmium	106-1	2375	2525	2584	2495	4.31	cps
Cadmium	108-1	108	138	171	139	22.52	cps
Cadmium	111-1	3350	3242	3306	3299	1.63	cps
Calcium	43-1	9754	10096	10004	9951	1.78	cps
Calcium	44-1	159822	161911	162610	161448	0.90	cps
Chromium	52-2	3927	4121	4061	4036	2.45	cps
Cobalt	59-2	3057	2907	3124	3029	3.66	cps
Copper	63-2	5504	5511	5688	5568	1.87	cps
Dysprosium	156-1	17	33	17	22	43.28	cps
Dysprosium	156-2	10	0	3	4	114.60	cps
Erbium	164-1	42	42	50	44	10.82	cps
Erbium	164-2	27	13	17	19	36.75	cps
Gadolinium	160-1	50	58	50	53	9.12	cps
Gadolinium	160-2	90	87	60	79	20.84	cps
Holmium	165-1	9061230	9026278	9018143	9035217	0.25	cps
Holmium	165-2	5020030	5073226	4980238	5024498	0.93	cps
Indium	115-1	7401971	7346797	7330867	7359879	0.51	cps
Indium	115-2	1488692	1502032	1490454	1493726	0.49	cps
Iron	56-2	81051	80336	80447	80611	0.48	cps
Iron	57-2	2150	2250	2211	2204	2.29	cps
Lead	206-1	14403	14230	13869	14167	1.92	cps
Lead	207-1	12629	12795	12439	12621	1.41	cps
Lead	208-1	57717	58675	56371	57588	2.01	cps
Lithium	6-1	1179026	1164376	1168135	1170512	0.65	cps
Magnesium	24-2	65694	65201	66197	65697	0.76	cps
Manganese	55-2	1653	1690	1853	1732	6.15	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:38:04	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	25048	24998	25207	25084	0.43	cps
Molybdenum	94-1	13549	13632	12931	13371	2.86	cps
Molybdenum	95-1	15642	15759	15793	15732	0.50	cps
Molybdenum	96-1	17645	18212	17870	17909	1.60	cps
Molybdenum	97-1	10129	9737	9695	9854	2.43	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	3827	3450	3947	3742	6.93	cps
Phosphorus	31-2	167	158	183	169	7.51	cps
Potassium	39-2	95204	96890	95909	96001	0.88	cps
Rhodium	103-1	6520491	6596088	6507872	6541484	0.73	cps
Rhodium	103-2	3069168	3070843	3059220	3066411	0.20	cps
Scandium	45-1	4474451	4446093	4415051	4445198	0.67	cps
Scandium	45-2	182909	183193	182316	182806	0.24	cps
Selenium	77-2	17	23	33	24	34.31	cps
Selenium	78-2	165	124	135	141	14.90	cps
Selenium	82-1	519	429	457	468	9.84	cps
Silicon	28-1	427413	425407	426929	426583	0.25	cps
Silver	109-1	9887	9954	9770	9871	0.94	cps
Silver	107-1	10404	10329	10546	10426	1.06	cps
Sodium	23-2	133387	133002	132027	132805	0.53	cps
Strontium	86-1	3125	3376	2967	3156	6.52	cps
Strontium	88-1	20090	20048	19990	20043	0.25	cps
Sulfur	34-1	268251	267648	266045	267315	0.43	cps
Terbium	159-1	9563753	9639711	9570316	9591260	0.44	cps
Terbium	159-2	4986383	5009975	4979339	4991899	0.32	cps
Thallium	203-1	7202	7461	7319	7327	1.77	cps
Thallium	205-1	18080	17654	18255	17996	1.72	cps
Tin	118-1	28196	27018	28004	27739	2.28	cps
Titanium	47-1	4718	4509	4684	4637	2.41	cps
Uranium	238-1	22662	21627	21644	21978	2.70	cps
Vanadium	51-2	7519	7189	7539	7415	2.65	cps
Yttrium	89-1	7544669	7544998	7498718	7529462	0.35	cps
Yttrium	89-2	1104605	1106191	1103643	1104813	0.12	cps
Zinc	66-2	770	787	820	792	3.21	cps
Zirconium	90-1	12014	11680	12089	11928	1.82	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:38:04	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2567	2567	2767	2634	4.39	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:41:53	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	61703	60514	59720	60646	1.65	cps
Antimony	121-1	368413	373415	372281	371370	0.71	cps
Arsenic	75-2	11716	11833	11631	11726	0.86	cps
Barium	135-1	483163	483156	481388	482569	0.21	cps
Barium	137-1	843884	845334	841252	843490	0.25	cps
Beryllium	9-1	59924	60220	59288	59811	0.80	cps
Bismuth	209-1	6117352	6173464	6127153	6139323	0.49	cps
Bismuth	209-2	3984845	4007961	4032877	4008561	0.60	cps
Boron	11-1	32093	32552	32686	32444	0.96	cps
Boron	10-1	6427	6643	6202	6424	3.44	cps
Cadmium	106-1	11830	11822	11947	11867	0.59	cps
Cadmium	108-1	6564	6260	6439	6421	2.38	cps
Cadmium	111-1	91528	89446	90565	90513	1.15	cps
Calcium	43-1	109462	109790	108522	109258	0.60	cps
Calcium	44-1	1782117	1778487	1774280	1778294	0.22	cps
Chromium	52-2	98241	99258	97983	98494	0.68	cps
Cobalt	59-2	160952	162029	160934	161305	0.39	cps
Copper	63-2	231470	232137	230953	231520	0.26	cps
Dysprosium	156-1	25	25	17	22	21.64	cps
Dysprosium	156-2	3	10	0	4	114.60	cps
Erbium	164-1	25	67	25	39	61.86	cps
Erbium	164-2	30	33	10	24	51.62	cps
Gadolinium	160-1	58	83	33	58	42.86	cps
Gadolinium	160-2	27	90	50	56	57.65	cps
Holmium	165-1	9098970	9190277	9139422	9142889	0.50	cps
Holmium	165-2	5062724	5103942	5115955	5094207	0.55	cps
Indium	115-1	7350703	7393195	7334192	7359363	0.41	cps
Indium	115-2	1499648	1504559	1504714	1502974	0.19	cps
Iron	56-2	4199940	4214099	4194049	4202696	0.25	cps
Iron	57-2	101292	102863	103731	102628	1.20	cps
Lead	206-1	298067	300538	302831	300479	0.79	cps
Lead	207-1	271784	272577	269192	271185	0.65	cps
Lead	208-1	1215435	1225061	1224075	1221524	0.43	cps
Lithium	6-1	1196177	1205213	1195741	1199044	0.45	cps
Magnesium	24-2	705765	707835	700388	704663	0.55	cps
Manganese	55-2	117629	116913	115697	116746	0.84	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:41:53	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	286734	287411	287997	287381	0.22	cps
Molybdenum	94-1	320389	318265	321273	319975	0.48	cps
Molybdenum	95-1	180755	180729	177828	179770	0.94	cps
Molybdenum	96-1	229255	229908	228256	229139	0.36	cps
Molybdenum	97-1	113322	113945	113070	113446	0.40	cps
Neodymium	150-1	67	80	47	64	26.03	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	45300	45698	45527	45508	0.44	cps
Phosphorus	31-2	3501	3634	3392	3509	3.45	cps
Potassium	39-2	397937	400895	398314	399048	0.40	cps
Rhodium	103-1	6578290	6527722	6564211	6556741	0.40	cps
Rhodium	103-2	3067365	3076537	3069919	3071274	0.15	cps
Scandium	45-1	4444000	4493609	4461925	4466512	0.56	cps
Scandium	45-2	182066	179094	182086	181082	0.95	cps
Selenium	77-2	283	247	247	259	8.18	cps
Selenium	78-2	882	926	924	911	2.76	cps
Selenium	82-1	5408	5683	5298	5463	3.62	cps
Silicon	28-1	613159	618804	616281	616081	0.46	cps
Silver	109-1	426412	429466	430265	428714	0.47	cps
Silver	107-1	444556	441641	443273	443157	0.33	cps
Sodium	23-2	1328207	1320475	1319159	1322613	0.37	cps
Strontium	86-1	120788	120343	119706	120279	0.45	cps
Strontium	88-1	1045969	1042330	1040630	1042976	0.26	cps
Sulfur	34-1	298784	298986	299929	299233	0.20	cps
Terbium	159-1	9725680	9638887	9608177	9657582	0.63	cps
Terbium	159-2	4994128	5058694	5047874	5033565	0.69	cps
Thallium	203-1	360653	365151	361720	362508	0.65	cps
Thallium	205-1	874752	872634	868593	871993	0.36	cps
Tin	118-1	309713	310731	309431	309958	0.22	cps
Titanium	47-1	52101	50906	50663	51223	1.50	cps
Uranium	238-1	1182828	1183707	1178960	1181832	0.21	cps
Vanadium	51-2	82469	82998	81222	82230	1.11	cps
Yttrium	89-1	7519664	7592571	7619971	7577402	0.68	cps
Yttrium	89-2	1118157	1119346	1111792	1116432	0.36	cps
Zinc	66-2	31798	31688	31915	31800	0.36	cps
Zirconium	90-1	596517	600031	608372	601640	1.01	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:41:53	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	131483	132323	133164	132323	0.64	cps

LB Number : LB89007 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-25 13:45:41 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	149188	149903	149438	149509	0.24	cps
Antimony	121-1	930977	934181	932975	932711	0.17	cps
Arsenic	75-2	29382	29556	28955	29297	1.06	cps
Barium	135-1	1201097	1195314	1204310	1200240	0.38	cps
Barium	137-1	2115160	2089358	2105360	2103293	0.62	cps
Beryllium	9-1	147850	148760	148103	148238	0.32	cps
Bismuth	209-1	6075046	6058521	6061174	6064914	0.15	cps
Bismuth	209-2	3930478	3955352	3964266	3950032	0.44	cps
Boron	11-1	78914	81738	80053	80235	1.77	cps
Boron	10-1	16268	16460	16326	16351	0.60	cps
Cadmium	106-1	25774	25900	26726	26133	1.98	cps
Cadmium	108-1	15797	15917	16047	15920	0.79	cps
Cadmium	111-1	216594	219698	221945	219412	1.22	cps
Calcium	43-1	265753	268392	268305	267483	0.56	cps
Calcium	44-1	4422787	4421757	4416687	4420410	0.07	cps
Chromium	52-2	243222	242085	244770	243359	0.55	cps
Cobalt	59-2	395150	395352	394954	395152	0.05	cps
Copper	63-2	566287	568795	567045	567376	0.23	cps
Dysprosium	156-1	33	25	33	31	15.75	cps
Dysprosium	156-2	20	3	13	12	68.66	cps
Erbium	164-1	67	25	33	42	52.92	cps
Erbium	164-2	23	7	20	17	52.90	cps
Gadolinium	160-1	25	92	58	58	57.14	cps
Gadolinium	160-2	63	77	90	77	17.39	cps
Holmium	165-1	9062308	9086557	9072755	9073873	0.13	cps
Holmium	165-2	5076229	5056503	5099552	5077428	0.42	cps
Indium	115-1	7307068	7248714	7323450	7293077	0.54	cps
Indium	115-2	1489423	1492894	1495884	1492734	0.22	cps
Iron	56-2	10323123	10228983	10238764	10263624	0.50	cps
Iron	57-2	254727	254582	252558	253956	0.48	cps
Lead	206-1	735745	738732	737909	737462	0.21	cps
Lead	207-1	665827	667416	669948	667730	0.31	cps
Lead	208-1	3001693	3001302	3013443	3005479	0.23	cps
Lithium	6-1	1200595	1198464	1201899	1200320	0.14	cps
Magnesium	24-2	1738788	1742443	1740358	1740530	0.11	cps
Manganese	55-2	288672	286840	291082	288865	0.74	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:45:41	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	717440	716897	713599	715979	0.29	cps
Molybdenum	94-1	791061	796764	797867	795231	0.46	cps
Molybdenum	95-1	446371	445711	442877	444986	0.42	cps
Molybdenum	96-1	569721	568763	564426	567637	0.50	cps
Molybdenum	97-1	276192	278053	277910	277385	0.37	cps
Neodymium	150-1	87	80	100	89	11.46	cps
Neodymium	150-2	3	10	23	12	83.33	cps
Nickel	60-2	107430	107480	107034	107314	0.23	cps
Phosphorus	31-2	7669	8470	8186	8108	5.01	cps
Potassium	39-2	940663	943261	942714	942213	0.15	cps
Rhodium	103-1	6535123	6462563	6498865	6498850	0.56	cps
Rhodium	103-2	3031987	3028112	3042886	3034328	0.25	cps
Scandium	45-1	4471913	4470572	4462679	4468388	0.11	cps
Scandium	45-2	183864	182825	183615	183435	0.30	cps
Selenium	77-2	577	570	607	584	3.34	cps
Selenium	78-2	2072	2171	2209	2151	3.28	cps
Selenium	82-1	13141	13455	13528	13375	1.54	cps
Silicon	28-1	965101	970607	968047	967918	0.28	cps
Silver	109-1	1050769	1059656	1049167	1053198	0.54	cps
Silver	107-1	1096400	1096872	1098144	1097139	0.08	cps
Sodium	23-2	3275976	3274156	3260262	3270131	0.26	cps
Strontium	86-1	297140	299560	297219	297973	0.46	cps
Strontium	88-1	2575206	2603921	2606256	2595128	0.67	cps
Sulfur	34-1	335637	336858	335185	335893	0.26	cps
Terbium	159-1	9650040	9575362	9639573	9621658	0.42	cps
Terbium	159-2	5012989	5018727	5031225	5020980	0.19	cps
Thallium	203-1	893393	901406	897017	897272	0.45	cps
Thallium	205-1	2154597	2168318	2163494	2162136	0.32	cps
Tin	118-1	766650	765091	767022	766254	0.13	cps
Titanium	47-1	123858	124985	125136	124660	0.56	cps
Uranium	238-1	2958670	2953926	2958419	2957005	0.09	cps
Vanadium	51-2	202964	203671	203316	203317	0.17	cps
Yttrium	89-1	7494744	7591550	7516981	7534425	0.67	cps
Yttrium	89-2	1105558	1103077	1112628	1107087	0.45	cps
Zinc	66-2	78895	78382	79860	79046	0.95	cps
Zirconium	90-1	1496294	1505537	1503078	1501636	0.32	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:45:41	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	328141	334166	333160	331822	0.97	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:49:25	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	283435	286579	288837	286284	0.95	cps
Antimony	121-1	1869868	1865529	1849025	1861474	0.59	cps
Arsenic	75-2	55546	56189	55962	55899	0.58	cps
Barium	135-1	2389009	2394072	2375477	2386186	0.40	cps
Barium	137-1	4197086	4202458	4171898	4190481	0.39	cps
Beryllium	9-1	293717	294074	290461	292751	0.68	cps
Bismuth	209-1	5899781	5944819	5863815	5902805	0.69	cps
Bismuth	209-2	3721348	3701115	3747925	3723463	0.63	cps
Boron	11-1	156342	163077	161849	160423	2.24	cps
Boron	10-1	32277	33020	34081	33126	2.74	cps
Cadmium	106-1	48066	47614	48919	48200	1.37	cps
Cadmium	108-1	31130	31072	29990	30731	2.09	cps
Cadmium	111-1	434928	431806	427297	431344	0.89	cps
Calcium	43-1	532375	531369	523936	529227	0.87	cps
Calcium	44-1	8764898	8614672	8576587	8652052	1.15	cps
Chromium	52-2	463969	464992	462542	463834	0.27	cps
Cobalt	59-2	754724	757503	756386	756204	0.18	cps
Copper	63-2	1075083	1088346	1079839	1081089	0.62	cps
Dysprosium	156-1	83	125	25	78	64.58	cps
Dysprosium	156-2	17	17	27	20	28.86	cps
Erbium	164-1	42	25	33	33	25.01	cps
Erbium	164-2	27	17	20	21	24.12	cps
Gadolinium	160-1	33	100	83	72	48.05	cps
Gadolinium	160-2	93	110	63	89	26.61	cps
Holmium	165-1	8962802	9033097	8938838	8978246	0.55	cps
Holmium	165-2	4848341	4805475	4825058	4826292	0.44	cps
Indium	115-1	7160726	7190478	7040725	7130643	1.11	cps
Indium	115-2	1415835	1406452	1431944	1418077	0.91	cps
Iron	56-2	19591575	19656409	19595557	19614514	0.19	cps
Iron	57-2	481223	488472	487820	485838	0.83	cps
Lead	206-1	1462367	1458684	1436427	1452493	0.97	cps
Lead	207-1	1327447	1321514	1312557	1320506	0.57	cps
Lead	208-1	5972261	5964894	5892461	5943205	0.74	cps
Lithium	6-1	1181107	1187003	1174403	1180837	0.53	cps
Magnesium	24-2	3341183	3327812	3330059	3333018	0.21	cps
Manganese	55-2	551638	555770	553878	553762	0.37	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:49:25	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1417887	1433367	1411831	1421028	0.78	cps
Molybdenum	94-1	1590532	1595956	1573587	1586692	0.74	cps
Molybdenum	95-1	886673	891804	876019	884832	0.91	cps
Molybdenum	96-1	1136750	1134678	1116431	1129286	0.99	cps
Molybdenum	97-1	549683	551301	547044	549343	0.39	cps
Neodymium	150-1	193	260	240	231	14.80	cps
Neodymium	150-2	17	13	10	13	25.01	cps
Nickel	60-2	199605	201041	199196	199948	0.48	cps
Phosphorus	31-2	15175	15684	15834	15564	2.22	cps
Potassium	39-2	1799185	1794961	1799782	1797976	0.15	cps
Rhodium	103-1	6319568	6363717	6296181	6326489	0.54	cps
Rhodium	103-2	2866067	2844429	2878904	2863133	0.61	cps
Scandium	45-1	4425163	4421710	4311442	4386105	1.47	cps
Scandium	45-2	174065	172079	177725	174623	1.64	cps
Selenium	77-2	1213	1220	1320	1251	4.78	cps
Selenium	78-2	4167	3975	4112	4085	2.43	cps
Selenium	82-1	26223	26470	26106	26266	0.71	cps
Silicon	28-1	1562276	1563887	1561560	1562574	0.08	cps
Silver	109-1	2100801	2089333	2071332	2087155	0.71	cps
Silver	107-1	2167699	2173280	2154797	2165259	0.44	cps
Sodium	23-2	6223196	6124151	6120703	6156017	0.95	cps
Strontium	86-1	590852	585010	581889	585917	0.78	cps
Strontium	88-1	5184988	5181119	5159913	5175340	0.26	cps
Sulfur	34-1	406784	404240	395912	402312	1.41	cps
Terbium	159-1	9582057	9467123	9230606	9426595	1.90	cps
Terbium	159-2	4776332	4760244	4813901	4783492	0.58	cps
Thallium	203-1	1778756	1779729	1760224	1772903	0.62	cps
Thallium	205-1	4313898	4306798	4249447	4290048	0.82	cps
Tin	118-1	1521379	1519156	1509639	1516725	0.41	cps
Titanium	47-1	249898	249713	247703	249105	0.49	cps
Uranium	238-1	5992547	5982270	5886025	5953614	0.99	cps
Vanadium	51-2	388620	390910	392549	390693	0.51	cps
Yttrium	89-1	7429835	7410815	7265776	7368809	1.22	cps
Yttrium	89-2	1061029	1053834	1059788	1058217	0.36	cps
Zinc	66-2	150075	150163	150448	150229	0.13	cps
Zirconium	90-1	3008358	3012916	2963082	2994785	0.92	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:49:25	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	667185	661069	654330	660861	0.97	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:53:06	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	568699	579693	576985	575125	1.00	cps
Antimony	121-1	3645318	3688105	3700033	3677818	0.78	cps
Arsenic	75-2	113096	113494	114558	113716	0.66	cps
Barium	135-1	4716626	4748914	4728943	4731494	0.34	cps
Barium	137-1	8153336	8173757	8163518	8163537	0.13	cps
Beryllium	9-1	563796	563467	566184	564482	0.26	cps
Bismuth	209-1	5715709	5649503	5640558	5668590	0.72	cps
Bismuth	209-2	3724972	3745045	3769064	3746360	0.59	cps
Boron	11-1	306133	315589	317576	313099	1.95	cps
Boron	10-1	63258	63567	64706	63843	1.19	cps
Cadmium	106-1	92233	91310	93331	92292	1.10	cps
Cadmium	108-1	61207	61387	61144	61246	0.21	cps
Cadmium	111-1	834441	838440	838973	837285	0.30	cps
Calcium	43-1	1039520	1040933	1042411	1040955	0.14	cps
Calcium	44-1	16705121	16877959	17002105	16861728	0.88	cps
Chromium	52-2	936593	939394	946671	940886	0.55	cps
Cobalt	59-2	1513311	1521640	1527381	1520777	0.47	cps
Copper	63-2	2151937	2163679	2175916	2163844	0.55	cps
Dysprosium	156-1	42	142	50	78	71.34	cps
Dysprosium	156-2	37	40	57	44	24.11	cps
Erbium	164-1	50	17	42	36	48.03	cps
Erbium	164-2	10	40	23	24	61.49	cps
Gadolinium	160-1	83	83	75	81	5.98	cps
Gadolinium	160-2	67	63	67	66	2.94	cps
Holmium	165-1	8822487	8723100	8652639	8732742	0.98	cps
Holmium	165-2	4912129	4904143	4956285	4924186	0.57	cps
Indium	115-1	6905482	6884231	6849555	6879756	0.41	cps
Indium	115-2	1414063	1427802	1435384	1425750	0.76	cps
Iron	56-2	38982723	39425522	39345588	39251278	0.60	cps
Iron	57-2	973807	983264	986133	981068	0.66	cps
Lead	206-1	2805919	2842214	2856543	2834892	0.92	cps
Lead	207-1	2564224	2597656	2592744	2584874	0.70	cps
Lead	208-1	11642291	11728322	11747412	11706008	0.48	cps
Lithium	6-1	1141057	1133948	1124191	1133065	0.75	cps
Magnesium	24-2	6687482	6750509	6771154	6736382	0.65	cps
Manganese	55-2	1111512	1125695	1120723	1119310	0.64	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:53:06	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	2800443	2832344	2826294	2819694	0.60	cps
Molybdenum	94-1	3139363	3141742	3146300	3142469	0.11	cps
Molybdenum	95-1	1740652	1745313	1745595	1743853	0.16	cps
Molybdenum	96-1	2230387	2242936	2235698	2236340	0.28	cps
Molybdenum	97-1	1081190	1080447	1090056	1083898	0.49	cps
Neodymium	150-1	447	473	380	433	11.09	cps
Neodymium	150-2	67	47	60	58	17.62	cps
Nickel	60-2	394773	395868	398377	396339	0.47	cps
Phosphorus	31-2	30282	31284	31509	31025	2.11	cps
Potassium	39-2	3612283	3686425	3668277	3655661	1.06	cps
Rhodium	103-1	6098375	6130078	6080461	6102971	0.41	cps
Rhodium	103-2	2852516	2877686	2903812	2878004	0.89	cps
Scandium	45-1	4246561	4259317	4280331	4262070	0.40	cps
Scandium	45-2	175667	178294	178595	177519	0.91	cps
Selenium	77-2	2387	2340	2450	2392	2.31	cps
Selenium	78-2	8162	7949	8193	8101	1.64	cps
Selenium	82-1	51083	50976	51215	51091	0.23	cps
Silicon	28-1	2714843	2746239	2753989	2738357	0.76	cps
Silver	109-1	4058864	4082406	4076467	4072579	0.30	cps
Silver	107-1	4221014	4208013	4257751	4228926	0.61	cps
Sodium	23-2	12403782	12457488	12487292	12449520	0.34	cps
Strontium	86-1	1161062	1161641	1145349	1156017	0.80	cps
Strontium	88-1	10003417	10111782	10102768	10072656	0.60	cps
Sulfur	34-1	541669	546337	544492	544166	0.43	cps
Terbium	159-1	9173888	9166713	9303218	9214606	0.83	cps
Terbium	159-2	4848979	4849674	4896682	4865112	0.56	cps
Thallium	203-1	3454245	3482314	3475633	3470731	0.42	cps
Thallium	205-1	8155053	8234124	8324901	8238026	1.03	cps
Tin	118-1	2972391	2993595	2995765	2987250	0.43	cps
Titanium	47-1	486305	485711	495973	489330	1.18	cps
Uranium	238-1	11442070	11456615	11573478	11490721	0.63	cps
Vanadium	51-2	789376	795164	794307	792949	0.39	cps
Yttrium	89-1	7270302	7312231	7191745	7258092	0.84	cps
Yttrium	89-2	1075250	1080036	1083827	1079705	0.40	cps
Zinc	66-2	298372	302168	302111	300884	0.72	cps
Zirconium	90-1	5928232	5963244	5946870	5946115	0.29	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:53:06	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1305074	1304615	1307219	1305636	0.11	cps

LB Number : LB89007 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-25 13:56:44 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1221738	1233403	1216788	1223977	0.70	cps
Antimony	121-1	7316929	7387775	7368784	7357829	0.50	cps
Arsenic	75-2	231540	230287	231262	231030	0.28	cps
Barium	135-1	9568319	9496452	9537257	9534009	0.38	cps
Barium	137-1	16560606	16308821	16515674	16461700	0.82	cps
Beryllium	9-1	1125608	1117169	1123834	1122203	0.40	cps
Bismuth	209-1	5583284	5645294	5630755	5619778	0.58	cps
Bismuth	209-2	3708201	3717478	3707943	3711207	0.15	cps
Boron	11-1	621797	635302	638505	631868	1.40	cps
Boron	10-1	126979	128610	130995	128861	1.57	cps
Cadmium	106-1	183102	181979	182467	182516	0.31	cps
Cadmium	108-1	119557	119095	119721	119458	0.27	cps
Cadmium	111-1	1652996	1655565	1649461	1652674	0.19	cps
Calcium	43-1	2098430	2105365	2128322	2110706	0.74	cps
Calcium	44-1	34061431	34107379	34269124	34145978	0.32	cps
Chromium	52-2	1901358	1911574	1895452	1902794	0.43	cps
Cobalt	59-2	3056835	3075200	3068710	3066915	0.30	cps
Copper	63-2	4321279	4339393	4342359	4334344	0.26	cps
Dysprosium	156-1	283	150	200	211	31.91	cps
Dysprosium	156-2	97	107	110	104	6.64	cps
Erbium	164-1	58	83	117	86	33.98	cps
Erbium	164-2	53	33	47	44	22.92	cps
Gadolinium	160-1	158	75	17	83	85.44	cps
Gadolinium	160-2	100	100	87	96	8.05	cps
Holmium	165-1	8792226	8862111	8832124	8828820	0.40	cps
Holmium	165-2	4963326	4978605	4948036	4963322	0.31	cps
Indium	115-1	6864241	6900074	6897230	6887181	0.29	cps
Indium	115-2	1406130	1419557	1415481	1413723	0.49	cps
Iron	56-2	79606463	79457035	79623738	79562412	0.12	cps
Iron	57-2	1985693	1995177	1987569	1989480	0.25	cps
Lead	206-1	5665433	5661169	5647248	5657950	0.17	cps
Lead	207-1	5175819	5214470	5158575	5182955	0.55	cps
Lead	208-1	23189467	23304892	23136856	23210405	0.37	cps
Lithium	6-1	1128087	1127783	1132996	1129622	0.26	cps
Magnesium	24-2	13460870	13595250	13389824	13481981	0.77	cps
Manganese	55-2	2257694	2278374	2264983	2267017	0.46	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:56:44	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	5713151	5768590	5749307	5743683	0.49	cps
Molybdenum	94-1	6476920	6359137	6453865	6429974	0.97	cps
Molybdenum	95-1	3556044	3536678	3524956	3539226	0.44	cps
Molybdenum	96-1	4564092	4579647	4565036	4569592	0.19	cps
Molybdenum	97-1	2200053	2204193	2202823	2202357	0.10	cps
Neodymium	150-1	973	800	900	891	9.76	cps
Neodymium	150-2	87	73	113	91	22.36	cps
Nickel	60-2	791327	791030	790386	790915	0.06	cps
Phosphorus	31-2	62908	64105	62850	63288	1.12	cps
Potassium	39-2	7186058	7271732	7216356	7224715	0.60	cps
Rhodium	103-1	6048911	6161342	6138720	6116324	0.97	cps
Rhodium	103-2	2854421	2845501	2852049	2850657	0.16	cps
Scandium	45-1	4331719	4328574	4337661	4332651	0.11	cps
Scandium	45-2	178430	181503	180977	180303	0.91	cps
Selenium	77-2	4821	4627	4607	4685	2.52	cps
Selenium	78-2	15881	16218	15888	15996	1.20	cps
Selenium	82-1	102537	102028	102737	102434	0.36	cps
Silicon	28-1	4099179	4118132	4092136	4103149	0.33	cps
Silver	109-1	8042111	7972371	7910426	7974970	0.83	cps
Silver	107-1	8491769	8477077	8481069	8483305	0.09	cps
Sodium	23-2	25008268	25169650	24965162	25047693	0.43	cps
Strontium	86-1	2325620	2338339	2330025	2331328	0.28	cps
Strontium	88-1	20094896	20295230	20096386	20162171	0.57	cps
Sulfur	34-1	840132	844483	848153	844256	0.48	cps
Terbium	159-1	9193208	9257468	9297729	9249468	0.57	cps
Terbium	159-2	4896775	4941912	4917399	4918696	0.46	cps
Thallium	203-1	7022995	6974709	7053094	7016933	0.56	cps
Thallium	205-1	16449399	16382391	16333752	16388514	0.35	cps
Tin	118-1	6059277	6078529	6108820	6082209	0.41	cps
Titanium	47-1	992427	987484	992046	990652	0.28	cps
Uranium	238-1	23001797	23144129	23188348	23111424	0.42	cps
Vanadium	51-2	1615463	1625820	1614079	1618454	0.40	cps
Yttrium	89-1	7312764	7349056	7284892	7315571	0.44	cps
Yttrium	89-2	1087121	1102832	1094199	1094717	0.72	cps
Zinc	66-2	600345	598997	599098	599480	0.13	cps
Zirconium	90-1	12180949	12069580	12111529	12120686	0.46	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 13:56:44	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2682335	2671198	2674996	2676176	0.21	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:00:17	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6130199	6159955	6212307	6167487	0.67	cps
Antimony	121-1	26292	25925	25182	25799	2.19	cps
Arsenic	75-2	170	174	174	173	1.24	cps
Barium	135-1	4759	4509	4176	4482	6.53	cps
Barium	137-1	7911	7803	8003	7905	1.27	cps
Beryllium	9-1	1239	1345	1178	1254	6.73	cps
Bismuth	209-1	5031315	5025365	4989007	5015229	0.46	cps
Bismuth	209-2	3264027	3326429	3340227	3310228	1.23	cps
Boron	11-1	35885	33689	32853	34142	4.59	cps
Boron	10-1	7536	7027	6493	7019	7.42	cps
Cadmium	106-1	2317	2750	2625	2564	8.70	cps
Cadmium	108-1	29	58	54	47	33.40	cps
Cadmium	111-1	2047	2343	2271	2220	6.94	cps
Calcium	43-1	10490016	10534490	10497106	10507204	0.23	cps
Calcium	44-1	168517637	168873666	168785154	168725486	0.11	cps
Chromium	52-2	57418	57736	57522	57559	0.28	cps
Cobalt	59-2	5324	5458	5614	5466	2.66	cps
Copper	63-2	10237	10377	10074	10229	1.49	cps
Dysprosium	156-1	175	225	242	214	16.22	cps
Dysprosium	156-2	67	63	80	70	12.60	cps
Erbium	164-1	92	58	133	94	39.79	cps
Erbium	164-2	33	57	27	39	40.51	cps
Gadolinium	160-1	125	125	142	131	7.37	cps
Gadolinium	160-2	153	127	93	124	24.16	cps
Holmium	165-1	8474831	8478308	8365824	8439654	0.76	cps
Holmium	165-2	4698896	4765331	4749418	4737882	0.73	cps
Indium	115-1	6559198	6543583	6516715	6539832	0.33	cps
Indium	115-2	1358930	1387716	1396794	1381146	1.43	cps
Iron	56-2	392176753	390783320	394026709	392328927	0.41	cps
Iron	57-2	9873565	9909865	9917596	9900342	0.24	cps
Lead	206-1	10421	10649	11122	10731	3.33	cps
Lead	207-1	9876	9543	9593	9670	1.86	cps
Lead	208-1	43268	43563	43384	43405	0.34	cps
Lithium	6-1	1067586	1066056	1065314	1066319	0.11	cps
Magnesium	24-2	70130020	70852122	71312068	70764737	0.84	cps
Manganese	55-2	12519	12432	12616	12522	0.73	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:00:17	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	29465	29465	29014	29314	0.89	cps
Molybdenum	94-1	12448	12514	12456	12473	0.29	cps
Molybdenum	95-1	19122	18721	18338	18727	2.09	cps
Molybdenum	96-1	25123	26283	25774	25727	2.26	cps
Molybdenum	97-1	11680	11438	11372	11497	1.41	cps
Neodymium	150-1	107	133	87	109	21.50	cps
Neodymium	150-2	57	33	60	50	29.06	cps
Nickel	60-2	15739	15405	16006	15716	1.91	cps
Phosphorus	31-2	175	83	175	144	36.64	cps
Potassium	39-2	37221656	37182932	37532333	37312307	0.51	cps
Rhodium	103-1	5613740	5614480	5594310	5607510	0.20	cps
Rhodium	103-2	2601277	2645103	2646880	2631087	0.98	cps
Scandium	45-1	4248193	4245553	4230990	4241579	0.22	cps
Scandium	45-2	178775	183895	185569	182746	1.94	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	102	57	70	77	29.86	cps
Selenium	82-1	260	268	161	230	25.86	cps
Silicon	28-1	533142	538593	543055	538263	0.92	cps
Silver	109-1	1517	1692	1508	1572	6.59	cps
Silver	107-1	1550	1800	2009	1786	12.85	cps
Sodium	23-2	127831699	129086540	128611661	128509967	0.49	cps
Strontium	86-1	76680	76261	74360	75767	1.63	cps
Strontium	88-1	654548	661350	662668	659522	0.66	cps
Sulfur	34-1	253753	255292	256003	255016	0.45	cps
Terbium	159-1	8905599	8838111	8821566	8855092	0.50	cps
Terbium	159-2	4631985	4685481	4738298	4685255	1.13	cps
Thallium	203-1	5393	4918	4934	5082	5.31	cps
Thallium	205-1	12848	12565	11597	12337	5.32	cps
Tin	118-1	10104	9670	9462	9746	3.36	cps
Titanium	47-1	2025	1934	1959	1972	2.40	cps
Uranium	238-1	6377	5785	6460	6207	5.93	cps
Vanadium	51-2	1050	1043	993	1029	3.01	cps
Yttrium	89-1	7094353	7069733	7043598	7069228	0.36	cps
Yttrium	89-2	1066390	1091529	1090675	1082865	1.32	cps
Zinc	66-2	5041	4964	4828	4944	2.19	cps
Zirconium	90-1	4409	3817	3826	4017	8.45	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:00:17	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	950	875	925	917	4.17	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:04:00	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30507	31200	30624	30777	1.21	cps
Antimony	121-1	1448401	1457338	1441331	1449024	0.55	cps
Arsenic	75-2	46325	46712	47425	46821	1.19	cps
Barium	135-1	190741	189357	184537	188212	1.73	cps
Barium	137-1	334234	328076	329930	330747	0.96	cps
Beryllium	9-1	117345	117159	115049	116518	1.09	cps
Bismuth	209-1	5963652	5954714	5945360	5954575	0.15	cps
Bismuth	209-2	3901701	3939621	4049568	3963630	1.94	cps
Boron	11-1	343898	342915	347627	344813	0.72	cps
Boron	10-1	69627	69903	72231	70587	2.03	cps
Cadmium	106-1	35128	35078	35554	35253	0.74	cps
Cadmium	108-1	17665	17741	17603	17670	0.39	cps
Cadmium	111-1	178904	178148	180490	179181	0.67	cps
Calcium	43-1	46783	47595	46750	47042	1.02	cps
Calcium	44-1	744383	740851	742374	742536	0.24	cps
Chromium	52-2	191850	190648	190726	191075	0.35	cps
Cobalt	59-2	323452	319044	321355	321284	0.69	cps
Copper	63-2	230326	230548	229203	230025	0.31	cps
Dysprosium	156-1	8	25	17	17	50.01	cps
Dysprosium	156-2	10	7	10	9	21.63	cps
Erbium	164-1	75	100	75	83	17.33	cps
Erbium	164-2	33	30	43	36	19.51	cps
Gadolinium	160-1	125	92	58	92	36.36	cps
Gadolinium	160-2	70	100	77	82	19.16	cps
Holmium	165-1	8936031	8869315	8984979	8930108	0.65	cps
Holmium	165-2	4992126	4982679	5139983	5038263	1.75	cps
Indium	115-1	7249995	7222611	7197005	7223204	0.37	cps
Indium	115-2	1483052	1496111	1528972	1502712	1.57	cps
Iron	56-2	1677700	1667585	1675131	1673472	0.31	cps
Iron	57-2	42540	41760	41543	41947	1.25	cps
Lead	206-1	1161846	1156903	1169154	1162635	0.53	cps
Lead	207-1	1016164	1017556	1024753	1019491	0.45	cps
Lead	208-1	4675227	4668197	4680698	4674707	0.13	cps
Lithium	6-1	1179310	1174613	1181759	1178561	0.31	cps
Magnesium	24-2	169119	169783	168285	169062	0.44	cps
Manganese	55-2	115999	114084	115478	115187	0.86	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:04:00	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	2706697	2695890	2733060	2711882	0.71	cps
Molybdenum	94-1	3130947	3172422	3151187	3151519	0.66	cps
Molybdenum	95-1	1686414	1678628	1683897	1682980	0.24	cps
Molybdenum	96-1	2175438	2169566	2174687	2173230	0.15	cps
Molybdenum	97-1	1043948	1051154	1052514	1049206	0.44	cps
Neodymium	150-1	13	20	27	20	33.35	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	87181	85444	86406	86344	1.01	cps
Phosphorus	31-2	158	108	158	142	20.38	cps
Potassium	39-2	329537	327779	331853	329723	0.62	cps
Rhodium	103-1	6516972	6538713	6576929	6544205	0.46	cps
Rhodium	103-2	3069953	3067107	3147806	3094956	1.48	cps
Scandium	45-1	4562245	4547153	4528923	4546107	0.37	cps
Scandium	45-2	185340	187105	191830	188091	1.78	cps
Selenium	77-2	1003	1003	903	970	5.95	cps
Selenium	78-2	3319	3363	3506	3396	2.88	cps
Selenium	82-1	21469	21147	21077	21231	0.99	cps
Silicon	28-1	2520361	2512747	2513340	2515483	0.17	cps
Silver	109-1	828352	828678	835375	830801	0.48	cps
Silver	107-1	870338	866884	863857	867026	0.37	cps
Sodium	23-2	540578	540401	538696	539892	0.19	cps
Strontium	86-1	1136189	1134210	1128818	1133072	0.34	cps
Strontium	88-1	10008160	9934843	9924822	9955942	0.46	cps
Sulfur	34-1	263173	263327	259414	261971	0.85	cps
Terbium	159-1	9440918	9531458	9400181	9457519	0.71	cps
Terbium	159-2	4935232	4971489	5085488	4997403	1.57	cps
Thallium	203-1	1439818	1435875	1438499	1438064	0.14	cps
Thallium	205-1	3474149	3461865	3473031	3469682	0.20	cps
Tin	118-1	2915785	2901093	2899904	2905594	0.30	cps
Titanium	47-1	482477	480742	478929	480716	0.37	cps
Uranium	238-1	11518615	11578618	11627873	11575036	0.47	cps
Vanadium	51-2	163770	161560	162816	162715	0.68	cps
Yttrium	89-1	7606920	7546872	7567280	7573691	0.40	cps
Yttrium	89-2	1126920	1122518	1155522	1134987	1.58	cps
Zinc	66-2	63239	63169	63096	63168	0.11	cps
Zirconium	90-1	6071803	6091096	6087755	6083551	0.17	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:04:00	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1331845	1328616	1333766	1331409	0.20	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:28:39	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	33	83	64	41.93	cps
Antimony	121-1	675	617	608	633	5.73	cps
Arsenic	75-2	7	19	13	13	42.85	cps
Barium	135-1	33	42	42	39	12.38	cps
Barium	137-1	42	75	42	53	36.46	cps
Beryllium	9-1	211	172	267	217	21.91	cps
Bismuth	209-1	6099179	6119341	6088819	6102446	0.25	cps
Bismuth	209-2	3924055	3955631	3944162	3941283	0.41	cps
Boron	11-1	3000	3009	2775	2928	4.52	cps
Boron	10-1	692	717	500	636	18.63	cps
Cadmium	106-1	2542	2517	2442	2500	2.08	cps
Cadmium	108-1	8	8	13	10	24.77	cps
Cadmium	111-1	1786	1769	1709	1755	2.30	cps
Calcium	43-1	283	167	225	225	25.93	cps
Calcium	44-1	6102	6402	6202	6235	2.45	cps
Chromium	52-2	393	370	393	386	3.49	cps
Cobalt	59-2	157	153	117	142	15.61	cps
Copper	63-2	670	710	770	717	7.02	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	25	25	50	33	43.30	cps
Erbium	164-2	3	10	7	7	50.03	cps
Gadolinium	160-1	25	58	58	47	40.76	cps
Gadolinium	160-2	57	83	53	64	25.52	cps
Holmium	165-1	9171811	9107757	8997430	9092333	0.97	cps
Holmium	165-2	4965867	4975120	5005087	4982024	0.41	cps
Indium	115-1	7334021	7390573	7243427	7322674	1.01	cps
Indium	115-2	1480575	1485766	1485597	1483979	0.20	cps
Iron	56-2	9198	8870	9209	9092	2.12	cps
Iron	57-2	350	367	406	374	7.62	cps
Lead	206-1	845	1011	856	904	10.31	cps
Lead	207-1	872	817	733	807	8.66	cps
Lead	208-1	3667	3773	3523	3654	3.43	cps
Lithium	6-1	1178345	1185058	1176810	1180071	0.37	cps
Magnesium	24-2	1842	2034	2025	1967	5.51	cps
Manganese	55-2	450	450	417	439	4.39	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:28:39	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	258	217	283	253	13.32	cps
Molybdenum	94-1	325	225	283	278	18.08	cps
Molybdenum	95-1	158	183	133	158	15.79	cps
Molybdenum	96-1	225	175	192	197	12.91	cps
Molybdenum	97-1	158	150	108	139	19.29	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	2714	2480	2727	2640	5.26	cps
Phosphorus	31-2	142	192	150	161	16.63	cps
Potassium	39-2	29004	29221	29021	29082	0.41	cps
Rhodium	103-1	6539090	6551000	6556856	6548982	0.14	cps
Rhodium	103-2	3040406	3047533	3046738	3044892	0.13	cps
Scandium	45-1	4441612	4448443	4430270	4440108	0.21	cps
Scandium	45-2	183808	183845	184388	184013	0.18	cps
Selenium	77-2	10	0	0	3	173.21	cps
Selenium	78-2	63	63	81	69	15.47	cps
Selenium	82-1	-14	2	94	27	213.25	cps
Silicon	28-1	369815	366449	365305	367190	0.64	cps
Silver	109-1	117	33	75	75	55.55	cps
Silver	107-1	133	142	142	139	3.46	cps
Sodium	23-2	13415	13698	13348	13487	1.38	cps
Strontium	86-1	858	792	775	808	5.46	cps
Strontium	88-1	883	775	833	831	6.53	cps
Sulfur	34-1	272644	271590	276409	273548	0.93	cps
Terbium	159-1	9572004	9570716	9600303	9581008	0.17	cps
Terbium	159-2	4920078	4941433	4987254	4949588	0.69	cps
Thallium	203-1	275	233	183	231	19.91	cps
Thallium	205-1	483	425	567	492	14.48	cps
Tin	118-1	858	867	992	906	8.25	cps
Titanium	47-1	142	117	133	131	9.75	cps
Uranium	238-1	200	100	83	128	49.38	cps
Vanadium	51-2	23	17	7	16	53.90	cps
Yttrium	89-1	7481529	7471037	7533664	7495410	0.45	cps
Yttrium	89-2	1099619	1107792	1108162	1105191	0.44	cps
Zinc	66-2	127	163	153	148	12.83	cps
Zirconium	90-1	542	542	558	547	1.76	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:28:39	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	233	183	133	183	27.27	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:32:09	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5353428	5391203	5342000	5362210	0.48	cps
Antimony	121-1	8503	9062	8686	8750	3.25	cps
Arsenic	75-2	87	89	70	82	12.42	cps
Barium	135-1	2842	2850	3025	2906	3.56	cps
Barium	137-1	4884	5043	4884	4937	1.85	cps
Beryllium	9-1	589	472	478	513	12.83	cps
Bismuth	209-1	5766506	5796669	5795095	5786090	0.29	cps
Bismuth	209-2	3693132	3716864	3685413	3698470	0.44	cps
Boron	11-1	3442	3376	3384	3401	1.07	cps
Boron	10-1	658	667	700	675	3.27	cps
Cadmium	106-1	2559	2317	1959	2278	13.25	cps
Cadmium	108-1	1367	1188	1204	1253	7.90	cps
Cadmium	111-1	2472	2153	2032	2219	10.24	cps
Calcium	43-1	2042204	2039713	2027507	2036474	0.39	cps
Calcium	44-1	33186334	33167291	32708146	33020590	0.82	cps
Chromium	52-2	36693	37144	36265	36700	1.20	cps
Cobalt	59-2	3394	3444	3704	3514	4.74	cps
Copper	63-2	17497	17064	17284	17282	1.26	cps
Dysprosium	156-1	58	25	67	50	44.10	cps
Dysprosium	156-2	30	20	17	22	31.22	cps
Erbium	164-1	50	117	100	89	39.03	cps
Erbium	164-2	43	30	27	33	26.45	cps
Gadolinium	160-1	92	58	67	72	24.02	cps
Gadolinium	160-2	100	90	97	96	5.33	cps
Holmium	165-1	9109765	9114910	9155744	9126806	0.28	cps
Holmium	165-2	4984372	5013979	5011419	5003257	0.33	cps
Indium	115-1	7181146	7102375	7110773	7131431	0.61	cps
Indium	115-2	1430120	1435031	1423918	1429690	0.39	cps
Iron	56-2	151663403	151019526	150369264	151017398	0.43	cps
Iron	57-2	3812471	3788849	3802659	3801326	0.31	cps
Lead	206-1	31020	29712	30458	30396	2.16	cps
Lead	207-1	25208	24612	24590	24803	1.41	cps
Lead	208-1	117960	114984	113962	115635	1.80	cps
Lithium	6-1	1167250	1163818	1159651	1163573	0.33	cps
Magnesium	24-2	12804687	12738751	12711272	12751570	0.38	cps
Manganese	55-2	8786	8896	9013	8898	1.27	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:32:09	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	10906704	10958668	10938749	10934707	0.24	cps
Molybdenum	94-1	3868316	3891018	3861504	3873613	0.40	cps
Molybdenum	95-1	6784472	6777256	6793384	6785037	0.12	cps
Molybdenum	96-1	7316129	7410604	7356438	7361057	0.64	cps
Molybdenum	97-1	4216726	4223759	4215531	4218672	0.11	cps
Neodymium	150-1	27	20	27	24	15.75	cps
Neodymium	150-2	23	13	10	16	44.60	cps
Nickel	60-2	5705	5925	5741	5790	2.04	cps
Phosphorus	31-2	294726	298435	294272	295811	0.77	cps
Potassium	39-2	13744720	13782718	13679336	13735591	0.38	cps
Rhodium	103-1	6143476	6104640	6150585	6132900	0.40	cps
Rhodium	103-2	2841229	2844142	2834782	2840051	0.17	cps
Scandium	45-1	4427189	4416923	4403985	4416032	0.26	cps
Scandium	45-2	176618	175080	174490	175396	0.63	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	70	96	76	81	16.88	cps
Selenium	82-1	25	22	15	21	25.89	cps
Silicon	28-1	489714	485665	479170	484850	1.10	cps
Silver	109-1	525	583	583	564	5.97	cps
Silver	107-1	458	617	583	553	15.10	cps
Sodium	23-2	24087761	24060253	23996992	24048336	0.19	cps
Strontium	86-1	78951	78575	76948	78158	1.36	cps
Strontium	88-1	684478	678196	684866	682513	0.55	cps
Sulfur	34-1	3154411	3173138	3116795	3148115	0.91	cps
Terbium	159-1	9501154	9572799	9579896	9551283	0.46	cps
Terbium	159-2	4935969	4931812	4921332	4929704	0.15	cps
Thallium	203-1	1108	1108	1192	1136	4.23	cps
Thallium	205-1	2734	2675	2534	2648	3.89	cps
Tin	118-1	2875	2909	3042	2942	3.00	cps
Titanium	47-1	1913319	1915931	1913227	1914159	0.08	cps
Uranium	238-1	500	508	517	508	1.64	cps
Vanadium	51-2	273	260	287	273	4.88	cps
Yttrium	89-1	7414407	7573175	7496111	7494564	1.06	cps
Yttrium	89-2	1081499	1084889	1084103	1083497	0.16	cps
Zinc	66-2	3317	3567	3324	3403	4.19	cps
Zirconium	90-1	5718	4859	4443	5007	12.99	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:32:09	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1108	1142	933	1061	10.55	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:35:36	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5359012	5346345	5367371	5357576	0.20	cps
Antimony	121-1	150355	151418	153109	151627	0.92	cps
Arsenic	75-2	4366	4306	4271	4314	1.11	cps
Barium	135-1	40819	39557	40945	40440	1.90	cps
Barium	137-1	70270	71040	70161	70491	0.68	cps
Beryllium	9-1	22745	23480	22378	22868	2.45	cps
Bismuth	209-1	5699077	5739449	5732508	5723678	0.38	cps
Bismuth	209-2	3680589	3688865	3705257	3691571	0.34	cps
Boron	11-1	31450	32227	33146	32274	2.63	cps
Boron	10-1	6360	6360	6918	6546	4.93	cps
Cadmium	106-1	6944	6902	6960	6935	0.43	cps
Cadmium	108-1	4021	4226	3880	4042	4.30	cps
Cadmium	111-1	35143	35518	36018	35560	1.23	cps
Calcium	43-1	2030836	2045615	2038391	2038281	0.36	cps
Calcium	44-1	32904719	33111203	32918037	32977987	0.35	cps
Chromium	52-2	72039	72504	72809	72450	0.54	cps
Cobalt	59-2	63014	62753	62757	62842	0.24	cps
Copper	63-2	59892	59855	59537	59761	0.33	cps
Dysprosium	156-1	50	42	58	50	16.67	cps
Dysprosium	156-2	17	27	23	22	22.91	cps
Erbium	164-1	75	17	58	50	60.09	cps
Erbium	164-2	33	33	27	31	12.36	cps
Gadolinium	160-1	50	67	150	89	60.28	cps
Gadolinium	160-2	70	97	90	86	16.22	cps
Holmium	165-1	9072327	9045399	9008711	9042146	0.35	cps
Holmium	165-2	5005865	5009226	5035866	5016986	0.33	cps
Indium	115-1	7086336	7095714	7122983	7101677	0.27	cps
Indium	115-2	1434406	1436595	1445361	1438787	0.40	cps
Iron	56-2	152355365	151866265	152206342	152142657	0.16	cps
Iron	57-2	3808960	3819174	3812253	3813462	0.14	cps
Lead	206-1	143622	144295	143555	143824	0.28	cps
Lead	207-1	120363	120457	121202	120674	0.38	cps
Lead	208-1	557682	559331	558811	558608	0.15	cps
Lithium	6-1	1147887	1150159	1157619	1151888	0.44	cps
Magnesium	24-2	12710948	12711897	12739329	12720725	0.13	cps
Manganese	55-2	30542	30722	30739	30668	0.36	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:35:36	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	11124285	11153627	11314108	11197340	0.91	cps
Molybdenum	94-1	4162680	4170644	4181866	4171730	0.23	cps
Molybdenum	95-1	6906584	6888212	6936738	6910511	0.35	cps
Molybdenum	96-1	7573119	7622543	7606760	7600807	0.33	cps
Molybdenum	97-1	4311762	4332374	4342271	4328802	0.36	cps
Neodymium	150-1	53	53	47	51	7.53	cps
Neodymium	150-2	13	20	27	20	33.35	cps
Nickel	60-2	21279	20952	20979	21070	0.86	cps
Phosphorus	31-2	296189	297945	296474	296869	0.32	cps
Potassium	39-2	13714851	13670301	13647625	13677592	0.25	cps
Rhodium	103-1	6103567	6156836	6244172	6168192	1.15	cps
Rhodium	103-2	2836700	2859228	2858514	2851481	0.45	cps
Scandium	45-1	4348257	4360195	4321051	4343167	0.46	cps
Scandium	45-2	175721	176059	175903	175894	0.10	cps
Selenium	77-2	117	73	87	92	24.07	cps
Selenium	78-2	361	304	361	342	9.69	cps
Selenium	82-1	1968	2100	2012	2027	3.30	cps
Silicon	28-1	675434	672795	674603	674277	0.20	cps
Silver	109-1	147420	150904	152126	150150	1.63	cps
Silver	107-1	158107	158418	159868	158798	0.59	cps
Sodium	23-2	23900520	23897465	23742751	23846912	0.38	cps
Strontium	86-1	187626	187762	187795	187728	0.05	cps
Strontium	88-1	1625946	1630354	1640732	1632344	0.47	cps
Sulfur	34-1	3141486	3175972	3164241	3160566	0.55	cps
Terbium	159-1	9515335	9548249	9563755	9542447	0.26	cps
Terbium	159-2	4952825	4942785	4980094	4958568	0.39	cps
Thallium	203-1	141174	141293	140400	140956	0.34	cps
Thallium	205-1	339979	336397	339317	338564	0.56	cps
Tin	118-1	276205	275510	283156	278290	1.52	cps
Titanium	47-1	1932089	1955265	1957167	1948173	0.72	cps
Uranium	238-1	1067382	1065781	1071787	1068317	0.29	cps
Vanadium	51-2	31033	31384	31186	31201	0.56	cps
Yttrium	89-1	7478096	7449221	7480874	7469397	0.23	cps
Yttrium	89-2	1085706	1090543	1094381	1090210	0.40	cps
Zinc	66-2	9266	9016	9076	9120	1.43	cps
Zirconium	90-1	584935	589942	594449	589775	0.81	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:35:36	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	130600	129903	129574	130025	0.40	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	CCV53	Instrumnet Name :	P7
Client Sample ID :	CCV53	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:39:03	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2969853	2955093	2969266	2964737	0.28	cps
Antimony	121-1	3522231	3530230	3520518	3524326	0.15	cps
Arsenic	75-2	109424	110346	109491	109754	0.47	cps
Barium	135-1	4602083	4608016	4608474	4606191	0.08	cps
Barium	137-1	7977011	7960111	8001982	7979701	0.26	cps
Beryllium	9-1	543881	543213	545206	544100	0.19	cps
Bismuth	209-1	5354684	5382479	5372576	5369913	0.26	cps
Bismuth	209-2	3510103	3455685	3495321	3487036	0.81	cps
Boron	11-1	296936	305089	310014	304013	2.17	cps
Boron	10-1	59877	61233	63659	61590	3.11	cps
Cadmium	106-1	87721	89741	89223	88895	1.18	cps
Cadmium	108-1	57198	56696	57345	57080	0.60	cps
Cadmium	111-1	780244	785018	788461	784575	0.53	cps
Calcium	43-1	5066827	5070778	5066919	5068174	0.04	cps
Calcium	44-1	81536293	81749431	81876475	81720733	0.21	cps
Chromium	52-2	935608	935443	945549	938867	0.62	cps
Cobalt	59-2	1462545	1466702	1473519	1467589	0.38	cps
Copper	63-2	2026560	2035388	2037212	2033053	0.28	cps
Dysprosium	156-1	217	142	150	169	24.26	cps
Dysprosium	156-2	37	63	83	61	38.31	cps
Erbium	164-1	25	92	67	61	55.11	cps
Erbium	164-2	27	20	27	24	15.75	cps
Gadolinium	160-1	83	33	83	67	43.31	cps
Gadolinium	160-2	113	100	107	107	6.25	cps
Holmium	165-1	8668618	8780693	8636799	8695370	0.87	cps
Holmium	165-2	4803121	4778835	4849900	4810619	0.75	cps
Indium	115-1	6783480	6758186	6692399	6744688	0.70	cps
Indium	115-2	1385623	1366447	1387049	1379706	0.83	cps
Iron	56-2	185541771	186405021	184990199	185645663	0.38	cps
Iron	57-2	4682304	4669256	4658982	4670181	0.25	cps
Lead	206-1	2693527	2692836	2677656	2688006	0.33	cps
Lead	207-1	2476126	2462580	2449108	2462605	0.55	cps
Lead	208-1	11124203	11120507	11077935	11107548	0.23	cps
Lithium	6-1	1090221	1086617	1104641	1093826	0.87	cps
Magnesium	24-2	32860272	33236643	33382177	33159697	0.81	cps
Manganese	55-2	1095792	1101778	1104797	1100789	0.42	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	CCV53	Instrumnet Name :	P7
Client Sample ID :	CCV53	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:39:03	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	2770888	2770517	2784881	2775429	0.30	cps
Molybdenum	94-1	3097751	3121787	3123579	3114372	0.46	cps
Molybdenum	95-1	1721800	1730632	1725239	1725890	0.26	cps
Molybdenum	96-1	2198499	2219229	2212051	2209926	0.48	cps
Molybdenum	97-1	1068830	1074731	1075690	1073084	0.35	cps
Neodymium	150-1	467	473	513	484	5.21	cps
Neodymium	150-2	73	67	67	69	5.58	cps
Nickel	60-2	376336	379395	380880	378870	0.61	cps
Phosphorus	31-2	30942	30006	32369	31106	3.83	cps
Potassium	39-2	17554621	17425585	17548094	17509433	0.42	cps
Rhodium	103-1	5934733	5926944	5940345	5934008	0.11	cps
Rhodium	103-2	2724952	2701924	2733441	2720105	0.60	cps
Scandium	45-1	4283756	4287046	4302251	4291018	0.23	cps
Scandium	45-2	182144	177300	179101	179515	1.36	cps
Selenium	77-2	2270	2217	2104	2197	3.87	cps
Selenium	78-2	7606	7708	7637	7650	0.68	cps
Selenium	82-1	48228	48544	48543	48438	0.38	cps
Silicon	28-1	2620616	2637078	2664271	2640655	0.83	cps
Silver	109-1	3765475	3783753	3784902	3778044	0.29	cps
Silver	107-1	3929329	3913055	3900800	3914394	0.37	cps
Sodium	23-2	61513856	61062170	61467326	61347784	0.40	cps
Strontium	86-1	1162858	1163562	1150540	1158987	0.63	cps
Strontium	88-1	10213812	10039149	10061215	10104726	0.94	cps
Sulfur	34-1	541956	544567	548342	544955	0.59	cps
Terbium	159-1	9219829	9073695	9100261	9131262	0.85	cps
Terbium	159-2	4784174	4738543	4791667	4771461	0.60	cps
Thallium	203-1	3310621	3333022	3289137	3310926	0.66	cps
Thallium	205-1	7884375	7848639	7883611	7872208	0.26	cps
Tin	118-1	2888432	2881039	2877290	2882254	0.20	cps
Titanium	47-1	485769	483202	489762	486245	0.68	cps
Uranium	238-1	11203051	11192969	11394287	11263436	1.01	cps
Vanadium	51-2	790460	795633	792896	792996	0.33	cps
Yttrium	89-1	7265380	7230717	7179147	7225081	0.60	cps
Yttrium	89-2	1076604	1057104	1077168	1070292	1.07	cps
Zinc	66-2	279967	282426	282392	281595	0.50	cps
Zirconium	90-1	5860210	5931769	5925510	5905830	0.67	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	CCV53	Instrumnet Name :	P7
Client Sample ID :	CCV53	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:39:03	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1290438	1294519	1286895	1290618	0.30	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	CCB53	Instrumnet Name :	P7
Client Sample ID :	CCB53	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:42:30	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	67	50	50	33.34	cps
Antimony	121-1	10538	9312	8269	9373	12.11	cps
Arsenic	75-2	31	43	35	36	15.53	cps
Barium	135-1	92	25	58	58	57.14	cps
Barium	137-1	92	117	117	108	13.32	cps
Beryllium	9-1	772	728	661	720	7.76	cps
Bismuth	209-1	6142618	6133858	6137494	6137990	0.07	cps
Bismuth	209-2	3965314	3988896	3975722	3976644	0.30	cps
Boron	11-1	12622	11163	10621	11469	9.03	cps
Boron	10-1	2592	2409	2242	2414	7.25	cps
Cadmium	106-1	2650	2634	2800	2695	3.41	cps
Cadmium	108-1	8	13	13	11	21.67	cps
Cadmium	111-1	1895	1889	1989	1924	2.91	cps
Calcium	43-1	275	242	267	261	6.64	cps
Calcium	44-1	6802	6585	6744	6710	1.67	cps
Chromium	52-2	340	367	410	372	9.49	cps
Cobalt	59-2	130	157	180	156	16.08	cps
Copper	63-2	1413	1250	1377	1347	6.36	cps
Dysprosium	156-1	25	8	33	22	57.29	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	33	33	33	33	0.00	cps
Erbium	164-2	23	20	13	19	26.96	cps
Gadolinium	160-1	42	67	58	56	22.91	cps
Gadolinium	160-2	37	47	73	52	36.30	cps
Holmium	165-1	9176780	9188029	9236842	9200550	0.35	cps
Holmium	165-2	5045631	5030719	5042963	5039771	0.16	cps
Indium	115-1	7585716	7436386	7482473	7501525	1.02	cps
Indium	115-2	1526869	1530992	1531396	1529752	0.16	cps
Iron	56-2	19252	19330	18829	19137	1.41	cps
Iron	57-2	461	600	544	535	13.06	cps
Lead	206-1	2350	2345	2423	2373	1.83	cps
Lead	207-1	2045	2189	2139	2124	3.45	cps
Lead	208-1	9229	9368	9529	9376	1.60	cps
Lithium	6-1	1181830	1173336	1170855	1175340	0.49	cps
Magnesium	24-2	1750	1692	1700	1714	1.84	cps
Manganese	55-2	477	373	390	413	13.42	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	CCB53	Instrumnet Name :	P7
Client Sample ID :	CCB53	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:42:30	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3301	3159	3251	3237	2.22	cps
Molybdenum	94-1	1967	2125	1959	2017	4.66	cps
Molybdenum	95-1	2209	1842	2067	2039	9.07	cps
Molybdenum	96-1	2292	2492	1992	2259	11.14	cps
Molybdenum	97-1	1275	1267	1250	1264	1.01	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	2450	2324	2167	2314	6.14	cps
Phosphorus	31-2	150	167	108	142	21.21	cps
Potassium	39-2	31902	31109	31952	31654	1.49	cps
Rhodium	103-1	6683121	6702970	6743570	6709887	0.46	cps
Rhodium	103-2	3124457	3116513	3130020	3123664	0.22	cps
Scandium	45-1	4563446	4526937	4580353	4556912	0.60	cps
Scandium	45-2	187432	188370	188769	188190	0.36	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	67	76	72	72	6.51	cps
Selenium	82-1	56	-2	-6	16	215.17	cps
Silicon	28-1	381704	378156	382201	380687	0.58	cps
Silver	109-1	325	425	367	372	13.49	cps
Silver	107-1	500	300	342	381	27.73	cps
Sodium	23-2	26516	25406	25339	25754	2.57	cps
Strontium	86-1	1033	717	817	856	18.92	cps
Strontium	88-1	858	733	783	792	7.95	cps
Sulfur	34-1	260490	257099	260573	259387	0.76	cps
Terbium	159-1	9666980	9690470	9586523	9647991	0.57	cps
Terbium	159-2	5017612	5029449	5029611	5025557	0.14	cps
Thallium	203-1	1208	950	1083	1081	11.96	cps
Thallium	205-1	2684	2267	2334	2428	9.22	cps
Tin	118-1	3684	3492	2984	3387	10.68	cps
Titanium	47-1	167	175	192	178	7.16	cps
Uranium	238-1	467	458	400	442	8.22	cps
Vanadium	51-2	7	13	27	16	65.47	cps
Yttrium	89-1	7739277	7738289	7722254	7733273	0.12	cps
Yttrium	89-2	1132248	1136646	1141444	1136779	0.40	cps
Zinc	66-2	217	167	187	190	13.25	cps
Zirconium	90-1	2117	2017	2034	2056	2.61	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	CCB53	Instrumnet Name :	P7
Client Sample ID :	CCB53	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:42:30	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	492	442	442	458	6.30	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:45:59	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1008	1367	1200	1192	15.05	cps
Antimony	121-1	17136	16494	15843	16491	3.92	cps
Arsenic	75-2	246	250	246	248	0.86	cps
Barium	135-1	17470	17003	17579	17350	1.76	cps
Barium	137-1	30200	30117	29925	30081	0.47	cps
Beryllium	9-1	1300	1372	1356	1343	2.82	cps
Bismuth	209-1	5998476	6054277	6036618	6029790	0.47	cps
Bismuth	209-2	3927321	3907092	3945767	3926727	0.49	cps
Boron	11-1	19764	20172	19680	19872	1.33	cps
Boron	10-1	4251	3901	3817	3990	5.76	cps
Cadmium	106-1	2775	2609	2459	2614	6.06	cps
Cadmium	108-1	104	154	146	135	19.88	cps
Cadmium	111-1	3503	3264	3144	3304	5.54	cps
Calcium	43-1	10104	10304	9929	10112	1.86	cps
Calcium	44-1	163167	164918	162636	163574	0.73	cps
Chromium	52-2	4221	4297	4207	4242	1.15	cps
Cobalt	59-2	3074	2957	3127	3053	2.85	cps
Copper	63-2	5561	5881	5501	5648	3.62	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	83	42	17	47	71.32	cps
Erbium	164-2	27	7	27	20	57.73	cps
Gadolinium	160-1	92	58	33	61	47.89	cps
Gadolinium	160-2	63	67	67	66	2.94	cps
Holmium	165-1	9103755	9153970	9172556	9143427	0.39	cps
Holmium	165-2	5040831	4990310	5034471	5021870	0.55	cps
Indium	115-1	7397088	7499219	7507600	7467969	0.82	cps
Indium	115-2	1520713	1500232	1513624	1511523	0.69	cps
Iron	56-2	90925	91438	92646	91670	0.96	cps
Iron	57-2	2311	2484	2195	2330	6.24	cps
Lead	206-1	14569	14419	14364	14451	0.74	cps
Lead	207-1	13468	13246	12651	13122	3.22	cps
Lead	208-1	59236	58635	58023	58631	1.03	cps
Lithium	6-1	1152303	1153442	1157434	1154393	0.23	cps
Magnesium	24-2	63234	64397	64781	64138	1.26	cps
Manganese	55-2	1560	1477	1420	1486	4.74	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:45:59	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	26993	26810	27085	26962	0.52	cps
Molybdenum	94-1	15175	15058	14700	14978	1.65	cps
Molybdenum	95-1	16577	16468	16377	16474	0.61	cps
Molybdenum	96-1	19230	19155	18137	18841	3.24	cps
Molybdenum	97-1	10755	10354	10546	10552	1.90	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	3544	3314	3250	3369	4.58	cps
Phosphorus	31-2	158	142	150	150	5.56	cps
Potassium	39-2	99542	98819	98031	98797	0.77	cps
Rhodium	103-1	6635103	6717766	6697396	6683422	0.64	cps
Rhodium	103-2	3120841	3082713	3111007	3104854	0.64	cps
Scandium	45-1	4454390	4538432	4528713	4507178	1.02	cps
Scandium	45-2	188857	184168	186726	186584	1.26	cps
Selenium	77-2	17	10	30	19	53.91	cps
Selenium	78-2	176	146	135	152	13.81	cps
Selenium	82-1	541	540	475	519	7.27	cps
Silicon	28-1	419439	413216	412240	414965	0.94	cps
Silver	109-1	9770	10671	11163	10535	6.70	cps
Silver	107-1	11213	10579	11072	10955	3.04	cps
Sodium	23-2	139754	143311	143766	142277	1.54	cps
Strontium	86-1	2892	3067	3359	3106	7.59	cps
Strontium	88-1	20457	19781	19305	19848	2.92	cps
Sulfur	34-1	258821	257987	258733	258514	0.18	cps
Terbium	159-1	9626571	9720374	9737871	9694939	0.62	cps
Terbium	159-2	4992183	4980271	5003108	4991854	0.23	cps
Thallium	203-1	7553	7286	7044	7294	3.49	cps
Thallium	205-1	18263	17420	17253	17646	3.07	cps
Tin	118-1	29073	28705	29949	29242	2.19	cps
Titanium	47-1	4818	4818	4593	4743	2.74	cps
Uranium	238-1	22070	21243	21986	21766	2.09	cps
Vanadium	51-2	7242	7305	7172	7240	0.92	cps
Yttrium	89-1	7564361	7671011	7676519	7637297	0.83	cps
Yttrium	89-2	1132099	1124720	1132271	1129697	0.38	cps
Zinc	66-2	823	807	740	790	5.58	cps
Zirconium	90-1	16051	15184	15467	15567	2.84	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 14:45:59	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3459	3592	3276	3442	4.62	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	PB100931BL	Instrumnet Name :	P7
Client Sample ID :	PB100931BL	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 15:31:23	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	42	42	33	43.30	cps
Antimony	121-1	308	308	308	308	0.00	cps
Arsenic	75-2	2	7	4	4	65.54	cps
Barium	135-1	33	92	25	50	72.65	cps
Barium	137-1	25	25	42	31	31.50	cps
Beryllium	9-1	122	139	128	130	6.54	cps
Bismuth	209-1	6239175	6137036	6181094	6185768	0.83	cps
Bismuth	209-2	3956315	3817722	3919413	3897816	1.84	cps
Boron	11-1	1267	1233	1108	1203	6.94	cps
Boron	10-1	267	258	325	283	12.82	cps
Cadmium	106-1	2584	2484	2409	2492	3.52	cps
Cadmium	108-1	4	4	0	3	86.60	cps
Cadmium	111-1	1818	1752	1690	1754	3.65	cps
Calcium	43-1	125	142	183	150	20.03	cps
Calcium	44-1	5276	5310	5018	5201	3.07	cps
Chromium	52-2	403	367	373	381	5.13	cps
Cobalt	59-2	77	110	123	103	23.26	cps
Copper	63-2	580	567	630	592	5.64	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	50	25	17	31	56.77	cps
Erbium	164-2	37	17	23	26	39.85	cps
Gadolinium	160-1	33	33	42	36	13.33	cps
Gadolinium	160-2	100	70	67	79	23.27	cps
Holmium	165-1	9249204	9041901	9176811	9155972	1.15	cps
Holmium	165-2	5005437	4855545	4964745	4941909	1.57	cps
Indium	115-1	7386284	7350099	7319533	7351972	0.45	cps
Indium	115-2	1494486	1458917	1486241	1479881	1.26	cps
Iron	56-2	6457	6440	6274	6390	1.59	cps
Iron	57-2	333	261	256	283	15.31	cps
Lead	206-1	733	728	667	709	5.22	cps
Lead	207-1	567	689	733	663	13.02	cps
Lead	208-1	2967	3050	2928	2982	2.09	cps
Lithium	6-1	1161257	1155418	1154236	1156970	0.32	cps
Magnesium	24-2	3301	3117	3234	3217	2.89	cps
Manganese	55-2	313	297	367	326	11.23	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	PB100931BL	Instrumnet Name :	P7
Client Sample ID :	PB100931BL	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 15:31:23	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	200	192	242	211	12.69	cps
Molybdenum	94-1	308	200	300	269	22.37	cps
Molybdenum	95-1	83	125	117	108	20.35	cps
Molybdenum	96-1	217	183	133	178	23.59	cps
Molybdenum	97-1	33	133	133	100	57.74	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	1857	1813	1850	1840	1.27	cps
Phosphorus	31-2	142	158	242	181	29.67	cps
Potassium	39-2	30591	31535	30699	30942	1.67	cps
Rhodium	103-1	6649954	6578531	6701775	6643420	0.93	cps
Rhodium	103-2	3065521	2981840	3041037	3029466	1.42	cps
Scandium	45-1	4497965	4509588	4508629	4505394	0.14	cps
Scandium	45-2	186105	180673	185954	184244	1.68	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	74	56	50	60	21.05	cps
Selenium	82-1	36	33	58	43	32.06	cps
Silicon	28-1	371067	366840	371172	369693	0.67	cps
Silver	109-1	50	58	50	53	9.12	cps
Silver	107-1	67	92	67	75	19.24	cps
Sodium	23-2	14199	14633	13815	14216	2.88	cps
Strontium	86-1	858	858	808	842	3.43	cps
Strontium	88-1	708	767	767	747	4.51	cps
Sulfur	34-1	278268	276632	277955	277618	0.31	cps
Terbium	159-1	9633741	9590519	9733785	9652682	0.76	cps
Terbium	159-2	4921929	4835621	4895429	4884326	0.91	cps
Thallium	203-1	308	233	333	292	17.84	cps
Thallium	205-1	633	492	600	575	12.88	cps
Tin	118-1	658	425	608	564	21.79	cps
Titanium	47-1	117	117	192	142	30.57	cps
Uranium	238-1	50	75	92	72	29.04	cps
Vanadium	51-2	3	7	7	6	34.70	cps
Yttrium	89-1	7620244	7464805	7535137	7540062	1.03	cps
Yttrium	89-2	1110612	1090438	1108692	1103247	1.01	cps
Zinc	66-2	110	83	87	93	15.57	cps
Zirconium	90-1	550	667	600	606	9.67	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	PB100931BL	Instrumnet Name :	P7
Client Sample ID :	PB100931BL	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 15:31:23	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	258	100	83	147	65.63	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	PB100931BS	Instrumnet Name :	P7
Client Sample ID :	PB100931BS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 15:34:52	DataFile Name :	020LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	597959	597759	600781	598833	0.28	cps
Antimony	121-1	3745890	3744815	3735859	3742188	0.15	cps
Arsenic	75-2	115440	115515	115506	115487	0.04	cps
Barium	135-1	4840981	4838127	4819806	4832971	0.24	cps
Barium	137-1	8367807	8328184	8356379	8350790	0.24	cps
Beryllium	9-1	581889	576423	579464	579259	0.47	cps
Bismuth	209-1	5913421	5861767	5910536	5895241	0.49	cps
Bismuth	209-2	3750456	3760649	3775439	3762181	0.33	cps
Boron	11-1	312476	316540	320546	316521	1.27	cps
Boron	10-1	62773	63961	63525	63419	0.95	cps
Cadmium	106-1	94464	94808	92417	93896	1.38	cps
Cadmium	108-1	62412	61960	61424	61932	0.80	cps
Cadmium	111-1	851423	849621	852677	851240	0.18	cps
Calcium	43-1	1084180	1077544	1074760	1078828	0.45	cps
Calcium	44-1	17341229	17223448	17374849	17313176	0.46	cps
Chromium	52-2	963582	968958	967589	966709	0.29	cps
Cobalt	59-2	1564345	1559932	1557820	1560699	0.21	cps
Copper	63-2	2215490	2214051	2219013	2216185	0.12	cps
Dysprosium	156-1	108	108	42	86	44.70	cps
Dysprosium	156-2	57	30	40	42	31.91	cps
Erbium	164-1	33	42	25	33	25.01	cps
Erbium	164-2	27	23	27	26	7.55	cps
Gadolinium	160-1	58	33	92	61	47.89	cps
Gadolinium	160-2	100	70	40	70	42.86	cps
Holmium	165-1	8886788	9042117	9083259	9004055	1.15	cps
Holmium	165-2	4921340	4983863	4964926	4956709	0.65	cps
Indium	115-1	6993535	7043085	7024617	7020412	0.36	cps
Indium	115-2	1419662	1431251	1433445	1428119	0.52	cps
Iron	56-2	40529736	40235984	40260740	40342153	0.40	cps
Iron	57-2	1009485	1007370	1008351	1008402	0.10	cps
Lead	206-1	2942587	2915298	2921330	2926405	0.49	cps
Lead	207-1	2695136	2669324	2683464	2682641	0.48	cps
Lead	208-1	12164748	12045995	12107425	12106056	0.49	cps
Lithium	6-1	1146879	1147859	1160699	1151812	0.67	cps
Magnesium	24-2	6924391	6955122	6947611	6942374	0.23	cps
Manganese	55-2	1146084	1143637	1146872	1145531	0.15	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	PB100931BS	Instrumnet Name :	P7
Client Sample ID :	PB100931BS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 15:34:52	DataFile Name :	020LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	2872767	2867275	2869246	2869763	0.10	cps
Molybdenum	94-1	3260674	3215731	3209601	3228669	0.86	cps
Molybdenum	95-1	1783761	1781488	1781427	1782225	0.07	cps
Molybdenum	96-1	2293925	2301185	2280308	2291806	0.46	cps
Molybdenum	97-1	1110964	1109957	1117828	1112916	0.38	cps
Neodymium	150-1	493	500	413	469	10.29	cps
Neodymium	150-2	57	47	43	49	14.20	cps
Nickel	60-2	406070	406302	407549	406640	0.20	cps
Phosphorus	31-2	31977	31133	32495	31868	2.16	cps
Potassium	39-2	3770381	3769001	3773221	3770868	0.06	cps
Rhodium	103-1	6259137	6210610	6252805	6240850	0.42	cps
Rhodium	103-2	2894686	2903153	2907343	2901727	0.22	cps
Scandium	45-1	4421883	4397776	4417392	4412350	0.29	cps
Scandium	45-2	181729	181969	182241	181980	0.14	cps
Selenium	77-2	2204	2590	2557	2450	8.75	cps
Selenium	78-2	8314	8315	8302	8310	0.08	cps
Selenium	82-1	52518	52133	52656	52436	0.52	cps
Silicon	28-1	2802246	2784852	2801862	2796320	0.36	cps
Silver	109-1	4144352	4139289	4141892	4141844	0.06	cps
Silver	107-1	4293243	4303878	4282872	4293331	0.24	cps
Sodium	23-2	12954980	12817543	12897660	12890061	0.54	cps
Strontium	86-1	1191012	1174131	1185583	1183575	0.73	cps
Strontium	88-1	10251660	10228033	10176046	10218579	0.38	cps
Sulfur	34-1	579085	568451	560644	569393	1.63	cps
Terbium	159-1	9505856	9505587	9432536	9481327	0.45	cps
Terbium	159-2	4866958	4925010	4930341	4907437	0.72	cps
Thallium	203-1	3591477	3607045	3611543	3603355	0.29	cps
Thallium	205-1	8525969	8614536	8548516	8563007	0.54	cps
Tin	118-1	3049333	3049687	3032959	3043993	0.31	cps
Titanium	47-1	502633	503718	505110	503821	0.25	cps
Uranium	238-1	11984128	11917782	12086633	11996181	0.71	cps
Vanadium	51-2	816311	819481	815078	816957	0.28	cps
Yttrium	89-1	7387369	7390530	7389904	7389268	0.02	cps
Yttrium	89-2	1094477	1097760	1093987	1095408	0.19	cps
Zinc	66-2	305506	306344	304867	305573	0.24	cps
Zirconium	90-1	6078199	6136157	6097318	6103891	0.48	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	PB100931BS	Instrumnet Name :	P7
Client Sample ID :	PB100931BS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 15:34:52	DataFile Name :	020LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1339250	1344969	1337916	1340712	0.28	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4330-01	Instrumnet Name :	P7
Client Sample ID :	SS037MW076-170719	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 15:38:17	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	225	275	225	242	11.95	cps
Antimony	121-1	27712	24096	21743	24517	12.26	cps
Arsenic	75-2	10409	10370	10267	10349	0.71	cps
Barium	135-1	329205	329764	328850	329273	0.14	cps
Barium	137-1	571891	572961	577881	574244	0.56	cps
Beryllium	9-1	461	478	400	446	9.18	cps
Bismuth	209-1	6191636	6165339	6091197	6149390	0.85	cps
Bismuth	209-2	3694273	3671494	3694538	3686768	0.36	cps
Boron	11-1	183947	181587	184386	183307	0.82	cps
Boron	10-1	36261	36128	34507	35632	2.74	cps
Cadmium	106-1	2500	2434	2025	2320	11.09	cps
Cadmium	108-1	104	75	100	93	16.95	cps
Cadmium	111-1	2673	2755	2394	2607	7.27	cps
Calcium	43-1	2111153	2111984	2102842	2108660	0.24	cps
Calcium	44-1	33932206	33951759	33821122	33901696	0.21	cps
Chromium	52-2	1720	1610	1643	1658	3.40	cps
Cobalt	59-2	16586	16086	16860	16511	2.38	cps
Copper	63-2	12659	12936	13643	13079	3.88	cps
Dysprosium	156-1	25	17	8	17	50.01	cps
Dysprosium	156-2	10	20	7	12	56.76	cps
Erbium	164-1	42	33	83	53	50.75	cps
Erbium	164-2	13	27	27	22	34.66	cps
Gadolinium	160-1	83	75	75	78	6.19	cps
Gadolinium	160-2	63	60	83	69	18.32	cps
Holmium	165-1	8626603	8734964	8792837	8718135	0.97	cps
Holmium	165-2	4614155	4629188	4679734	4641025	0.74	cps
Indium	115-1	7382444	7464792	7536777	7461338	1.03	cps
Indium	115-2	1428776	1418966	1423800	1423847	0.34	cps
Iron	56-2	816383	816641	820423	817816	0.28	cps
Iron	57-2	24282	23686	23736	23901	1.38	cps
Lead	206-1	8675	7853	7525	8017	7.39	cps
Lead	207-1	7691	7135	6596	7141	7.67	cps
Lead	208-1	34563	31838	30081	32161	7.02	cps
Lithium	6-1	1203923	1226751	1234596	1221757	1.30	cps
Magnesium	24-2	1569509	1556394	1565464	1563789	0.43	cps
Manganese	55-2	1707082	1692409	1699599	1699697	0.43	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4330-01	Instrumnet Name :	P7
Client Sample ID :	SS037MW076-170719	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 15:38:17	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	16752	16952	16777	16827	0.65	cps
Molybdenum	94-1	8903	8103	8753	8586	4.96	cps
Molybdenum	95-1	11388	10171	10479	10679	5.93	cps
Molybdenum	96-1	11880	11906	10905	11564	4.93	cps
Molybdenum	97-1	6460	6568	6518	6516	0.83	cps
Neodymium	150-1	60	60	80	67	17.32	cps
Neodymium	150-2	13	7	7	9	43.25	cps
Nickel	60-2	16920	17067	16887	16958	0.57	cps
Phosphorus	31-2	117	158	117	131	18.43	cps
Potassium	39-2	201458	198543	197158	199053	1.10	cps
Rhodium	103-1	5995252	6032497	5980753	6002834	0.44	cps
Rhodium	103-2	2669933	2669519	2667172	2668875	0.06	cps
Scandium	45-1	3991321	4019570	3989605	4000165	0.42	cps
Scandium	45-2	153391	154085	151007	152828	1.06	cps
Selenium	77-2	17	17	3	12	63.01	cps
Selenium	78-2	81	91	63	78	18.04	cps
Selenium	82-1	229	191	157	193	18.67	cps
Silicon	28-1	42927579	42442854	42618407	42662947	0.58	cps
Silver	109-1	5543	6210	5568	5774	6.55	cps
Silver	107-1	6460	6243	5993	6232	3.75	cps
Sodium	23-2	17407593	17081391	17170363	17219783	0.98	cps
Strontium	86-1	908389	902195	910010	906865	0.45	cps
Strontium	88-1	7986566	7923787	7949288	7953214	0.40	cps
Sulfur	34-1	651213	650802	644860	648958	0.55	cps
Terbium	159-1	9181830	9233475	9305463	9240256	0.67	cps
Terbium	159-2	4547477	4601995	4607371	4585614	0.72	cps
Thallium	203-1	3009	2384	2100	2498	18.61	cps
Thallium	205-1	7436	5218	4359	5671	27.99	cps
Tin	118-1	11397	11197	10271	10955	5.48	cps
Titanium	47-1	1058	1183	1117	1120	5.59	cps
Uranium	238-1	12723	13282	13574	13193	3.28	cps
Vanadium	51-2	4974	5161	5041	5059	1.87	cps
Yttrium	89-1	7106304	7068260	7036102	7070222	0.50	cps
Yttrium	89-2	975162	973724	974225	974370	0.07	cps
Zinc	66-2	2520	2667	2780	2656	4.91	cps
Zirconium	90-1	8728	7110	6610	7483	14.79	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4330-01	Instrumnet Name :	P7
Client Sample ID :	SS037MW076-170719	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 15:38:17	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1884	1592	1433	1636	13.95	cps

LB Number : LB89007 Operator : Jaswal
 Lab Sample ID : I4330-02 Instrumnet Name : P7
 Client Sample ID : SS037MW125-170719 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-25 15:41:45 DataFile Name : 022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1809	1508	1542	1620	10.15	cps
Antimony	121-1	10554	10738	11071	10788	2.43	cps
Arsenic	75-2	574	620	556	583	5.72	cps
Barium	135-1	257417	265607	267181	263401	1.99	cps
Barium	137-1	459699	456623	465775	460699	1.01	cps
Beryllium	9-1	344	256	239	280	20.29	cps
Bismuth	209-1	5808860	5839171	5833635	5827222	0.28	cps
Bismuth	209-2	3522505	3542466	3537681	3534217	0.29	cps
Boron	11-1	267721	273486	272267	271158	1.12	cps
Boron	10-1	51932	52116	52592	52213	0.65	cps
Cadmium	106-1	2234	2150	2225	2203	2.08	cps
Cadmium	108-1	38	75	63	58	32.73	cps
Cadmium	111-1	2046	1978	2168	2064	4.68	cps
Calcium	43-1	3633144	3601789	3609092	3614675	0.45	cps
Calcium	44-1	58454674	58299499	58361728	58371967	0.13	cps
Chromium	52-2	4774	4661	4954	4796	3.09	cps
Cobalt	59-2	2100	2210	2104	2138	2.93	cps
Copper	63-2	15849	16233	17254	16445	4.42	cps
Dysprosium	156-1	58	58	58	58	0.00	cps
Dysprosium	156-2	37	33	20	30	29.40	cps
Erbium	164-1	67	58	33	53	32.88	cps
Erbium	164-2	40	53	40	44	17.32	cps
Gadolinium	160-1	25	92	75	64	54.31	cps
Gadolinium	160-2	83	80	120	94	23.50	cps
Holmium	165-1	8605790	8751960	8750923	8702891	0.97	cps
Holmium	165-2	4571099	4588377	4588312	4582596	0.22	cps
Indium	115-1	7056612	7083924	7137464	7092667	0.58	cps
Indium	115-2	1326861	1336143	1326747	1329917	0.41	cps
Iron	56-2	79426	81159	79969	80184	1.11	cps
Iron	57-2	7819	8425	7602	7949	5.36	cps
Lead	206-1	5990	5785	5813	5863	1.90	cps
Lead	207-1	5123	5268	5401	5264	2.64	cps
Lead	208-1	24176	24221	23292	23896	2.19	cps
Lithium	6-1	1254180	1253969	1267752	1258633	0.63	cps
Magnesium	24-2	1254254	1244821	1246100	1248392	0.41	cps
Manganese	55-2	98403	98577	98272	98417	0.16	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4330-02	Instrumnet Name :	P7
Client Sample ID :	SS037MW125-170719	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 15:41:45	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	5768	5235	5576	5526	4.89	cps
Molybdenum	94-1	3509	3609	3592	3570	1.50	cps
Molybdenum	95-1	3501	3376	3192	3356	4.62	cps
Molybdenum	96-1	3784	4051	3692	3842	4.85	cps
Molybdenum	97-1	2100	2367	2234	2234	5.97	cps
Neodymium	150-1	80	93	60	78	21.57	cps
Neodymium	150-2	27	23	30	27	12.51	cps
Nickel	60-2	9563	9490	9460	9504	0.56	cps
Phosphorus	31-2	208	208	133	183	23.62	cps
Potassium	39-2	443251	441214	444833	443099	0.41	cps
Rhodium	103-1	5833478	5861358	5831809	5842215	0.28	cps
Rhodium	103-2	2567329	2574251	2575678	2572419	0.17	cps
Scandium	45-1	3825394	3835096	3827601	3829364	0.13	cps
Scandium	45-2	143718	143695	143931	143782	0.09	cps
Selenium	77-2	37	33	17	29	37.08	cps
Selenium	78-2	80	89	100	90	11.39	cps
Selenium	82-1	552	413	413	460	17.50	cps
Silicon	28-1	45178394	44842769	44768724	44929962	0.49	cps
Silver	109-1	3017	2759	2950	2909	4.61	cps
Silver	107-1	3234	3100	3100	3145	2.45	cps
Sodium	23-2	26586259	26286843	26210665	26361255	0.75	cps
Strontium	86-1	1048481	1044791	1051017	1048096	0.30	cps
Strontium	88-1	9091488	9141904	9249746	9161046	0.88	cps
Sulfur	34-1	1263688	1258412	1257189	1259763	0.27	cps
Terbium	159-1	9089831	9126428	9113406	9109888	0.20	cps
Terbium	159-2	4480953	4521307	4505162	4502474	0.45	cps
Thallium	203-1	575	475	433	494	14.72	cps
Thallium	205-1	1125	1192	1158	1158	2.88	cps
Tin	118-1	6218	6485	6068	6257	3.37	cps
Titanium	47-1	1333	1375	1308	1339	2.52	cps
Uranium	238-1	39728	39554	39980	39754	0.54	cps
Vanadium	51-2	14727	13943	14347	14339	2.73	cps
Yttrium	89-1	6896606	6859811	6884769	6880395	0.27	cps
Yttrium	89-2	940429	941314	937038	939594	0.24	cps
Zinc	66-2	2230	2127	2517	2291	8.82	cps
Zirconium	90-1	4643	4351	3901	4298	8.70	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4330-02	Instrumnet Name :	P7
Client Sample ID :	SS037MW125-170719	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 15:41:45	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1150	1167	1008	1108	7.85	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4330-03	Instrumnet Name :	P7
Client Sample ID :	SS038MW009-170719	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 15:45:13	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2109	2034	1550	1898	15.98	cps
Antimony	121-1	10054	10421	10438	10304	2.10	cps
Arsenic	75-2	32180	31556	31736	31824	1.01	cps
Barium	135-1	354389	350843	352940	352724	0.51	cps
Barium	137-1	618512	620763	623922	621066	0.44	cps
Beryllium	9-1	250	228	189	222	13.92	cps
Bismuth	209-1	5543681	5536364	5509006	5529684	0.33	cps
Bismuth	209-2	3397653	3389593	3382851	3390033	0.22	cps
Boron	11-1	201997	201035	203320	202117	0.57	cps
Boron	10-1	38157	39043	39152	38784	1.41	cps
Cadmium	106-1	1992	2534	2184	2236	12.28	cps
Cadmium	108-1	21	4	42	22	84.55	cps
Cadmium	111-1	1605	2050	1804	1819	12.25	cps
Calcium	43-1	3398830	3403564	3372802	3391732	0.49	cps
Calcium	44-1	54860045	54472451	54505737	54612744	0.39	cps
Chromium	52-2	2057	2007	1947	2004	2.75	cps
Cobalt	59-2	2430	2290	2220	2314	4.62	cps
Copper	63-2	16810	16673	16486	16656	0.98	cps
Dysprosium	156-1	183	200	125	169	23.24	cps
Dysprosium	156-2	60	63	90	71	23.12	cps
Erbium	164-1	292	258	267	272	6.37	cps
Erbium	164-2	147	97	97	113	25.47	cps
Gadolinium	160-1	142	200	200	181	18.65	cps
Gadolinium	160-2	153	130	163	149	11.49	cps
Holmium	165-1	8560528	8535132	8649710	8581790	0.70	cps
Holmium	165-2	4512474	4498479	4523098	4511351	0.27	cps
Indium	115-1	6784404	6796404	6807148	6795985	0.17	cps
Indium	115-2	1279037	1281477	1270634	1277049	0.45	cps
Iron	56-2	25558141	25274202	25149245	25327196	0.83	cps
Iron	57-2	635736	630619	629736	632030	0.51	cps
Lead	206-1	7552	7519	8158	7743	4.65	cps
Lead	207-1	6902	6730	6769	6800	1.33	cps
Lead	208-1	31249	30726	31393	31123	1.13	cps
Lithium	6-1	1240362	1233242	1232961	1235522	0.34	cps
Magnesium	24-2	1554645	1542407	1537356	1544803	0.58	cps
Manganese	55-2	619328	616206	613011	616181	0.51	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4330-03	Instrumnet Name :	P7
Client Sample ID :	SS038MW009-170719	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 15:45:13	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3409	3826	3817	3684	6.47	cps
Molybdenum	94-1	5526	5034	5543	5368	5.38	cps
Molybdenum	95-1	2209	2367	2650	2409	9.29	cps
Molybdenum	96-1	3592	3834	3542	3656	4.27	cps
Molybdenum	97-1	1375	1392	1500	1422	4.77	cps
Neodymium	150-1	247	253	207	236	10.71	cps
Neodymium	150-2	60	70	33	54	34.82	cps
Nickel	60-2	133662	131584	131482	132243	0.93	cps
Phosphorus	31-2	717	650	750	706	7.22	cps
Potassium	39-2	276590	272206	268646	272481	1.46	cps
Rhodium	103-1	5676241	5684996	5672526	5677921	0.11	cps
Rhodium	103-2	2488052	2475791	2475669	2479837	0.29	cps
Scandium	45-1	3658897	3652210	3614921	3642009	0.65	cps
Scandium	45-2	135849	136112	134672	135544	0.57	cps
Selenium	77-2	27	7	13	16	65.47	cps
Selenium	78-2	65	70	57	64	10.13	cps
Selenium	82-1	215	28	32	92	116.44	cps
Silicon	28-1	38759033	38443905	38109948	38437629	0.84	cps
Silver	109-1	2125	2292	2375	2264	5.62	cps
Silver	107-1	2284	2259	2059	2200	5.61	cps
Sodium	23-2	28325602	27993577	27713565	28010915	1.09	cps
Strontium	86-1	720683	716443	721024	719383	0.35	cps
Strontium	88-1	6288490	6310039	6330095	6309541	0.33	cps
Sulfur	34-1	1686921	1681620	1682504	1683682	0.17	cps
Terbium	159-1	8948817	9054814	8998275	9000635	0.59	cps
Terbium	159-2	4431566	4435166	4449633	4438788	0.22	cps
Thallium	203-1	117	100	125	114	11.18	cps
Thallium	205-1	350	350	392	364	6.61	cps
Tin	118-1	6068	6010	6010	6029	0.56	cps
Titanium	47-1	2459	2959	2567	2662	9.89	cps
Uranium	238-1	508	583	508	533	8.12	cps
Vanadium	51-2	29012	28605	27933	28517	1.91	cps
Yttrium	89-1	6650120	6780128	6824354	6751534	1.34	cps
Yttrium	89-2	903325	898955	903363	901881	0.28	cps
Zinc	66-2	3177	3234	3267	3226	1.41	cps
Zirconium	90-1	10504	10921	10921	10782	2.23	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4330-03	Instrumnet Name :	P7
Client Sample ID :	SS038MW009-170719	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 15:45:13	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2625	2609	2475	2570	3.20	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4330-04	Instrumnet Name :	P7
Client Sample ID :	SS038MW004-170719	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 15:48:41	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167	275	433	292	45.99	cps
Antimony	121-1	10980	10021	11147	10716	5.67	cps
Arsenic	75-2	6235	6344	6127	6235	1.74	cps
Barium	135-1	350838	349966	348500	349768	0.34	cps
Barium	137-1	605609	608439	616875	610308	0.96	cps
Beryllium	9-1	172	139	178	163	12.91	cps
Bismuth	209-1	5617747	5612551	5640491	5623596	0.26	cps
Bismuth	209-2	3464920	3452675	3478736	3465443	0.38	cps
Boron	11-1	93202	94955	95887	94682	1.44	cps
Boron	10-1	18328	17903	18579	18270	1.87	cps
Cadmium	106-1	1950	2092	2142	2061	4.82	cps
Cadmium	108-1	25	21	25	24	10.20	cps
Cadmium	111-1	1610	1662	1682	1651	2.24	cps
Calcium	43-1	1238325	1236822	1226680	1233943	0.51	cps
Calcium	44-1	20098436	20108694	20019557	20075562	0.24	cps
Chromium	52-2	1237	1113	1173	1175	5.25	cps
Cobalt	59-2	270	280	283	278	2.50	cps
Copper	63-2	15946	16409	16119	16158	1.45	cps
Dysprosium	156-1	33	58	25	39	44.61	cps
Dysprosium	156-2	3	3	17	8	99.04	cps
Erbium	164-1	50	50	67	56	17.32	cps
Erbium	164-2	17	30	20	22	31.22	cps
Gadolinium	160-1	100	92	75	89	14.33	cps
Gadolinium	160-2	63	70	73	69	7.39	cps
Holmium	165-1	8420707	8513403	8560416	8498175	0.84	cps
Holmium	165-2	4450779	4433838	4462529	4449048	0.32	cps
Indium	115-1	6692902	6715842	6715917	6708220	0.20	cps
Indium	115-2	1257447	1258093	1260695	1258745	0.14	cps
Iron	56-2	5218525	5198258	5187596	5201460	0.30	cps
Iron	57-2	129303	129735	129993	129677	0.27	cps
Lead	206-1	8692	8914	8981	8862	1.71	cps
Lead	207-1	7725	8064	7402	7730	4.28	cps
Lead	208-1	35297	35102	35097	35165	0.32	cps
Lithium	6-1	1230070	1230979	1229834	1230294	0.05	cps
Magnesium	24-2	946125	940699	936772	941199	0.50	cps
Manganese	55-2	196482	195644	196601	196243	0.27	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4330-04	Instrumnet Name :	P7
Client Sample ID :	SS038MW004-170719	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 15:48:41	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	6752	7160	6702	6871	3.66	cps
Molybdenum	94-1	3025	3451	3025	3167	7.75	cps
Molybdenum	95-1	3967	4134	4493	4198	6.39	cps
Molybdenum	96-1	4551	5151	4718	4807	6.45	cps
Molybdenum	97-1	2625	2542	2625	2598	1.85	cps
Neodymium	150-1	93	33	33	53	64.96	cps
Neodymium	150-2	13	17	10	13	25.01	cps
Nickel	60-2	1497	1880	1587	1655	12.12	cps
Phosphorus	31-2	192	208	225	208	8.00	cps
Potassium	39-2	152011	151921	151070	151667	0.34	cps
Rhodium	103-1	5714450	5686998	5697589	5699679	0.24	cps
Rhodium	103-2	2477019	2490733	2496632	2488128	0.40	cps
Scandium	45-1	3480813	3459618	3457282	3465904	0.37	cps
Scandium	45-2	128764	129823	129735	129441	0.45	cps
Selenium	77-2	20	7	7	11	69.25	cps
Selenium	78-2	56	54	76	62	19.98	cps
Selenium	82-1	-27	44	-26	-3	-1394.60	cps
Silicon	28-1	21911271	21790307	21678846	21793475	0.53	cps
Silver	109-1	1984	2150	2117	2084	4.23	cps
Silver	107-1	2442	2267	2467	2392	4.56	cps
Sodium	23-2	3955966	3930858	3934574	3940466	0.34	cps
Strontium	86-1	861068	861238	863572	861959	0.16	cps
Strontium	88-1	7520928	7545550	7605517	7557332	0.58	cps
Sulfur	34-1	213366	205118	209722	209402	1.97	cps
Terbium	159-1	9005081	8942711	8957612	8968468	0.36	cps
Terbium	159-2	4378160	4356596	4401404	4378720	0.51	cps
Thallium	203-1	133	117	142	131	9.75	cps
Thallium	205-1	325	242	367	311	20.46	cps
Tin	118-1	5034	5718	5451	5401	6.38	cps
Titanium	47-1	842	1017	650	836	21.93	cps
Uranium	238-1	133	67	92	97	34.64	cps
Vanadium	51-2	540	547	563	550	2.18	cps
Yttrium	89-1	6576042	6567411	6532582	6558678	0.35	cps
Yttrium	89-2	876668	876586	877714	876989	0.07	cps
Zinc	66-2	2287	2297	2384	2322	2.29	cps
Zirconium	90-1	1842	2042	1917	1934	5.23	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4330-04	Instrumnet Name :	P7
Client Sample ID :	SS038MW004-170719	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 15:48:41	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	417	425	575	472	18.87	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4330-05	Instrumnet Name :	P7
Client Sample ID :	DUP-0428-170719	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 15:52:10	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2134	2617	2550	2434	10.77	cps
Antimony	121-1	8536	9429	9721	9228	6.69	cps
Arsenic	75-2	29693	28955	28506	29051	2.06	cps
Barium	135-1	323781	324620	324035	324145	0.13	cps
Barium	137-1	564597	562560	566516	564557	0.35	cps
Beryllium	9-1	150	156	139	148	5.73	cps
Bismuth	209-1	5363712	5349656	5349434	5354267	0.15	cps
Bismuth	209-2	3299407	3287842	3292525	3293258	0.18	cps
Boron	11-1	171926	173803	173972	173234	0.66	cps
Boron	10-1	33212	34089	33154	33485	1.56	cps
Cadmium	106-1	2009	2267	2067	2114	6.41	cps
Cadmium	108-1	13	13	21	15	31.48	cps
Cadmium	111-1	1589	1761	1557	1636	6.72	cps
Calcium	43-1	3047308	3060208	3052562	3053359	0.21	cps
Calcium	44-1	49091787	49226131	48803585	49040501	0.44	cps
Chromium	52-2	1513	1470	1337	1440	6.39	cps
Cobalt	59-2	2027	2057	1950	2011	2.74	cps
Copper	63-2	15128	15682	15211	15340	1.95	cps
Dysprosium	156-1	125	183	125	144	23.31	cps
Dysprosium	156-2	80	60	80	73	15.75	cps
Erbium	164-1	200	283	283	256	18.83	cps
Erbium	164-2	90	103	127	107	17.40	cps
Gadolinium	160-1	133	225	142	167	30.41	cps
Gadolinium	160-2	120	120	127	122	3.15	cps
Holmium	165-1	8333921	8340405	8346826	8340384	0.08	cps
Holmium	165-2	4376812	4375202	4362395	4371470	0.18	cps
Indium	115-1	6389864	6489150	6421360	6433458	0.79	cps
Indium	115-2	1205690	1207631	1203968	1205763	0.15	cps
Iron	56-2	24251567	24096219	24189830	24179206	0.32	cps
Iron	57-2	604924	602613	600832	602789	0.34	cps
Lead	206-1	6524	6652	6246	6474	3.20	cps
Lead	207-1	5318	5423	5368	5370	0.98	cps
Lead	208-1	25027	25666	25216	25303	1.30	cps
Lithium	6-1	1166940	1177393	1173615	1172649	0.45	cps
Magnesium	24-2	1363525	1370557	1357192	1363758	0.49	cps
Manganese	55-2	564658	555818	559509	559995	0.79	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4330-05	Instrumnet Name :	P7
Client Sample ID :	DUP-0428-170719	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 15:52:10	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3276	3042	3334	3217	4.80	cps
Molybdenum	94-1	4601	4526	4301	4476	3.49	cps
Molybdenum	95-1	1909	2009	2125	2014	5.38	cps
Molybdenum	96-1	3401	3234	3617	3417	5.63	cps
Molybdenum	97-1	1408	1392	1383	1395	0.91	cps
Neodymium	150-1	160	267	233	220	24.80	cps
Neodymium	150-2	63	70	60	64	7.90	cps
Nickel	60-2	121549	119223	120503	120425	0.97	cps
Phosphorus	31-2	783	692	542	672	18.15	cps
Potassium	39-2	235236	231248	232265	232916	0.89	cps
Rhodium	103-1	5465557	5448901	5417032	5443830	0.45	cps
Rhodium	103-2	2361958	2373831	2358249	2364680	0.34	cps
Scandium	45-1	3385611	3365761	3356622	3369331	0.44	cps
Scandium	45-2	126870	124719	124891	125494	0.95	cps
Selenium	77-2	13	10	10	11	17.30	cps
Selenium	78-2	63	46	59	56	15.57	cps
Selenium	82-1	61	108	67	79	32.20	cps
Silicon	28-1	33717892	33563006	33282058	33520985	0.66	cps
Silver	109-1	1850	1784	1859	1831	2.25	cps
Silver	107-1	2000	1884	1834	1906	4.49	cps
Sodium	23-2	25219440	24989785	24881666	25030297	0.69	cps
Strontium	86-1	665209	663086	663082	663792	0.18	cps
Strontium	88-1	5849008	5856754	5839038	5848267	0.15	cps
Sulfur	34-1	1622663	1619367	1610358	1617463	0.39	cps
Terbium	159-1	8695938	8720550	8738944	8718478	0.25	cps
Terbium	159-2	4301914	4329778	4304854	4312182	0.36	cps
Thallium	203-1	92	83	142	106	29.89	cps
Thallium	205-1	258	358	317	311	16.14	cps
Tin	118-1	4559	4418	4759	4579	3.75	cps
Titanium	47-1	2242	2601	2192	2345	9.51	cps
Uranium	238-1	492	558	475	508	8.68	cps
Vanadium	51-2	24714	24864	25065	24881	0.71	cps
Yttrium	89-1	6360096	6404832	6416523	6393817	0.47	cps
Yttrium	89-2	853589	856205	850066	853287	0.36	cps
Zinc	66-2	3000	3064	3154	3073	2.51	cps
Zirconium	90-1	8595	8928	8570	8698	2.30	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4330-05	Instrumnet Name :	P7
Client Sample ID :	DUP-0428-170719	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 15:52:10	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2167	2042	2017	2075	3.87	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4330-07	Instrumnet Name :	P7
Client Sample ID :	SS037MW218-170719	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 15:55:39	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4459	4092	3976	4176	6.04	cps
Antimony	121-1	11405	12214	12106	11908	3.69	cps
Arsenic	75-2	14646	14852	14696	14732	0.73	cps
Barium	135-1	443558	446830	445298	445229	0.37	cps
Barium	137-1	778631	785780	785479	783297	0.52	cps
Beryllium	9-1	189	156	144	163	14.19	cps
Bismuth	209-1	5411267	5387292	5422253	5406937	0.33	cps
Bismuth	209-2	3357796	3353008	3349182	3353329	0.13	cps
Boron	11-1	161460	162346	160964	161590	0.43	cps
Boron	10-1	30097	32427	31275	31267	3.73	cps
Cadmium	106-1	2225	1900	2159	2095	8.20	cps
Cadmium	108-1	17	25	38	26	39.73	cps
Cadmium	111-1	1734	1479	1722	1645	8.73	cps
Calcium	43-1	1844967	1827337	1824420	1832241	0.61	cps
Calcium	44-1	29805177	29487991	29552003	29615057	0.57	cps
Chromium	52-2	2324	2350	2527	2400	4.60	cps
Cobalt	59-2	3364	3054	3334	3250	5.26	cps
Copper	63-2	15982	16079	16449	16170	1.52	cps
Dysprosium	156-1	692	550	592	611	11.91	cps
Dysprosium	156-2	183	177	187	182	2.79	cps
Erbium	164-1	342	275	233	283	19.29	cps
Erbium	164-2	97	117	130	114	14.66	cps
Gadolinium	160-1	217	242	242	233	6.19	cps
Gadolinium	160-2	220	227	220	222	1.73	cps
Holmium	165-1	8287629	8398249	8476381	8387420	1.13	cps
Holmium	165-2	4342754	4345959	4369192	4352635	0.33	cps
Indium	115-1	6436304	6485573	6439913	6453930	0.43	cps
Indium	115-2	1202502	1202426	1203538	1202822	0.05	cps
Iron	56-2	8414324	8438186	8435156	8429222	0.15	cps
Iron	57-2	210504	211456	209551	210504	0.45	cps
Lead	206-1	24301	23833	24312	24148	1.13	cps
Lead	207-1	20505	20255	20055	20272	1.11	cps
Lead	208-1	93283	93296	93228	93269	0.04	cps
Lithium	6-1	1154543	1153193	1157825	1155187	0.21	cps
Magnesium	24-2	796877	791121	793651	793883	0.36	cps
Manganese	55-2	373951	371392	371162	372169	0.42	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4330-07	Instrumnet Name :	P7
Client Sample ID :	SS037MW218-170719	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 15:55:39	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	24230	22994	23387	23537	2.68	cps
Molybdenum	94-1	9337	9595	9103	9345	2.63	cps
Molybdenum	95-1	14141	14967	14491	14533	2.85	cps
Molybdenum	96-1	16327	16760	15826	16304	2.87	cps
Molybdenum	97-1	8695	8995	9212	8967	2.89	cps
Neodymium	150-1	447	500	420	456	8.94	cps
Neodymium	150-2	143	143	123	137	8.45	cps
Nickel	60-2	10974	10564	10661	10733	2.00	cps
Phosphorus	31-2	400	325	350	358	10.66	cps
Potassium	39-2	152451	154506	151415	152791	1.03	cps
Rhodium	103-1	5469730	5417326	5474624	5453893	0.58	cps
Rhodium	103-2	2383080	2369316	2373547	2375314	0.30	cps
Scandium	45-1	3303560	3272382	3290953	3288965	0.48	cps
Scandium	45-2	123509	122911	123499	123306	0.28	cps
Selenium	77-2	7	13	7	9	43.25	cps
Selenium	78-2	56	63	59	59	6.24	cps
Selenium	82-1	108	150	59	105	43.14	cps
Silicon	28-1	27774665	27516989	27334440	27542032	0.80	cps
Silver	109-1	1592	1900	1750	1747	8.83	cps
Silver	107-1	1975	1900	1759	1878	5.86	cps
Sodium	23-2	9576056	9453554	9534172	9521261	0.65	cps
Strontium	86-1	671592	667830	666190	668538	0.41	cps
Strontium	88-1	5916731	5871265	5879189	5889062	0.41	cps
Sulfur	34-1	500003	498947	492084	497011	0.87	cps
Terbium	159-1	8684162	8626058	8692544	8667588	0.42	cps
Terbium	159-2	4279899	4260009	4279117	4273008	0.26	cps
Thallium	203-1	158	67	150	125	40.55	cps
Thallium	205-1	275	375	333	328	15.32	cps
Tin	118-1	4968	4268	4818	4684	7.87	cps
Titanium	47-1	2334	2325	2442	2367	2.76	cps
Uranium	238-1	17337	17070	17312	17240	0.86	cps
Vanadium	51-2	1750	1783	1834	1789	2.35	cps
Yttrium	89-1	6290386	6355416	6303225	6316342	0.55	cps
Yttrium	89-2	844332	840782	841294	842136	0.23	cps
Zinc	66-2	9397	9483	9823	9568	2.36	cps
Zirconium	90-1	3192	3392	3584	3389	5.78	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4330-07	Instrumnet Name :	P7
Client Sample ID :	SS037MW218-170719	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 15:55:39	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	850	842	883	858	2.57	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4330-08	Instrumnet Name :	P7
Client Sample ID :	SS038MW077-170719	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 15:59:06	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	667	817	850	778	12.56	cps
Antimony	121-1	8603	8411	8303	8439	1.80	cps
Arsenic	75-2	17105	17008	16556	16889	1.73	cps
Barium	135-1	558318	567089	564483	563297	0.80	cps
Barium	137-1	981344	986682	995223	987750	0.71	cps
Beryllium	9-1	111	139	150	133	15.02	cps
Bismuth	209-1	5375515	5415477	5413614	5401535	0.42	cps
Bismuth	209-2	3321528	3333574	3312748	3322617	0.31	cps
Boron	11-1	355696	359658	363735	359696	1.12	cps
Boron	10-1	68656	70825	71017	70166	1.87	cps
Cadmium	106-1	2134	1900	1950	1995	6.16	cps
Cadmium	108-1	17	8	21	15	41.67	cps
Cadmium	111-1	1557	1428	1467	1484	4.44	cps
Calcium	43-1	1451421	1451306	1445199	1449309	0.25	cps
Calcium	44-1	23439847	23507607	23297366	23414940	0.46	cps
Chromium	52-2	1507	1410	1647	1521	7.82	cps
Cobalt	59-2	26571	26317	26898	26595	1.10	cps
Copper	63-2	13887	13556	13817	13753	1.27	cps
Dysprosium	156-1	58	58	58	58	0.00	cps
Dysprosium	156-2	30	23	43	32	31.61	cps
Erbium	164-1	100	125	33	86	55.03	cps
Erbium	164-2	47	20	33	33	40.01	cps
Gadolinium	160-1	58	133	42	78	62.78	cps
Gadolinium	160-2	87	97	60	81	23.37	cps
Holmium	165-1	8330658	8337547	8385255	8351154	0.36	cps
Holmium	165-2	4329421	4342652	4343505	4338526	0.18	cps
Indium	115-1	6404661	6390781	6381859	6392433	0.18	cps
Indium	115-2	1184085	1183648	1183163	1183632	0.04	cps
Iron	56-2	7536671	7432527	7477135	7482111	0.70	cps
Iron	57-2	186070	187431	186829	186776	0.37	cps
Lead	206-1	2317	2461	2573	2450	5.23	cps
Lead	207-1	2267	2239	2228	2245	0.89	cps
Lead	208-1	9624	10002	10330	9985	3.54	cps
Lithium	6-1	1137933	1138756	1141177	1139289	0.15	cps
Magnesium	24-2	1209244	1201339	1193063	1201215	0.67	cps
Manganese	55-2	190745	191046	191698	191163	0.25	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4330-08	Instrumnet Name :	P7
Client Sample ID :	SS038MW077-170719	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 15:59:06	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	23887	25482	25240	24870	3.46	cps
Molybdenum	94-1	9062	9395	9729	9395	3.55	cps
Molybdenum	95-1	15275	15818	16068	15720	2.58	cps
Molybdenum	96-1	16719	16727	17052	16833	1.13	cps
Molybdenum	97-1	9662	9612	9720	9665	0.56	cps
Neodymium	150-1	120	73	93	96	24.50	cps
Neodymium	150-2	17	30	20	22	31.22	cps
Nickel	60-2	90262	88786	90101	89717	0.90	cps
Phosphorus	31-2	208	117	133	153	31.96	cps
Potassium	39-2	196619	194737	192753	194703	0.99	cps
Rhodium	103-1	5372699	5393674	5397416	5387930	0.25	cps
Rhodium	103-2	2344327	2350456	2351097	2348627	0.16	cps
Scandium	45-1	3233952	3224540	3215393	3224628	0.29	cps
Scandium	45-2	121086	119490	120159	120245	0.67	cps
Selenium	77-2	7	7	3	6	34.70	cps
Selenium	78-2	63	50	35	49	28.14	cps
Selenium	82-1	166	177	267	203	27.29	cps
Silicon	28-1	31181030	31071358	31030384	31094257	0.25	cps
Silver	109-1	1375	1592	1575	1514	7.96	cps
Silver	107-1	1600	1567	1608	1592	1.38	cps
Sodium	23-2	10426840	10392243	10347282	10388788	0.38	cps
Strontium	86-1	628608	636217	628699	631175	0.69	cps
Strontium	88-1	5617852	5585589	5609425	5604289	0.30	cps
Sulfur	34-1	196817	194428	196126	195791	0.63	cps
Terbium	159-1	8457912	8677700	8772198	8635937	1.87	cps
Terbium	159-2	4250243	4252397	4257135	4253258	0.08	cps
Thallium	203-1	125	83	83	97	24.74	cps
Thallium	205-1	158	150	208	172	18.32	cps
Tin	118-1	4343	4526	4643	4504	3.36	cps
Titanium	47-1	958	1083	1083	1042	6.93	cps
Uranium	238-1	67	117	100	94	26.96	cps
Vanadium	51-2	1323	1313	1397	1345	3.38	cps
Yttrium	89-1	6294532	6241776	6335977	6290762	0.75	cps
Yttrium	89-2	831639	829741	829283	830221	0.15	cps
Zinc	66-2	2487	2514	2297	2432	4.86	cps
Zirconium	90-1	1809	1842	2042	1897	6.65	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4330-08	Instrumnet Name :	P7
Client Sample ID :	SS038MW077-170719	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 15:59:06	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	425	517	567	503	14.29	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	CCV54	Instrumnet Name :	P7
Client Sample ID :	CCV54	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:02:34	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2269249	2277625	2276189	2274354	0.20	cps
Antimony	121-1	2971147	2984826	2998350	2984774	0.46	cps
Arsenic	75-2	92288	92792	92264	92448	0.32	cps
Barium	135-1	4284382	4246498	4242953	4257944	0.54	cps
Barium	137-1	7412916	7399937	7362307	7391720	0.36	cps
Beryllium	9-1	438600	439180	439720	439167	0.13	cps
Bismuth	209-1	5081783	5081252	5079433	5080823	0.02	cps
Bismuth	209-2	3315739	3384388	3306556	3335561	1.28	cps
Boron	11-1	256777	257879	262280	258979	1.12	cps
Boron	10-1	51430	51965	53445	52280	2.00	cps
Cadmium	106-1	79473	79205	78626	79101	0.55	cps
Cadmium	108-1	51004	51535	51196	51245	0.52	cps
Cadmium	111-1	711963	707250	702703	707305	0.65	cps
Calcium	43-1	4223100	4224712	4205289	4217700	0.26	cps
Calcium	44-1	67499406	67742558	67687410	67643124	0.19	cps
Chromium	52-2	764439	760700	758986	761375	0.37	cps
Cobalt	59-2	1216787	1212533	1210981	1213434	0.25	cps
Copper	63-2	1708740	1701764	1711047	1707184	0.28	cps
Dysprosium	156-1	158	125	158	147	13.07	cps
Dysprosium	156-2	77	47	73	66	25.08	cps
Erbium	164-1	42	33	67	47	36.74	cps
Erbium	164-2	20	23	30	24	20.83	cps
Gadolinium	160-1	108	108	75	97	19.80	cps
Gadolinium	160-2	83	87	97	89	7.81	cps
Holmium	165-1	8239505	8217362	8271538	8242802	0.33	cps
Holmium	165-2	4558486	4633125	4542230	4577947	1.06	cps
Indium	115-1	6323116	6283061	6263315	6289831	0.48	cps
Indium	115-2	1234957	1256151	1239846	1243652	0.89	cps
Iron	56-2	151634437	152740420	151625720	152000192	0.42	cps
Iron	57-2	3824552	3808213	3813018	3815261	0.22	cps
Lead	206-1	2561855	2556311	2560951	2559706	0.12	cps
Lead	207-1	2345468	2339353	2319396	2334739	0.58	cps
Lead	208-1	10579129	10574095	10503083	10552102	0.40	cps
Lithium	6-1	993804	995903	995073	994927	0.11	cps
Magnesium	24-2	25439582	25728282	25691343	25619736	0.61	cps
Manganese	55-2	889008	894408	896326	893247	0.42	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	CCV54	Instrumnet Name :	P7
Client Sample ID :	CCV54	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:02:34	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	2507565	2501367	2493723	2500885	0.28	cps
Molybdenum	94-1	2814755	2797066	2787404	2799742	0.50	cps
Molybdenum	95-1	1554430	1550959	1542834	1549408	0.38	cps
Molybdenum	96-1	1999813	1989211	1978410	1989145	0.54	cps
Molybdenum	97-1	965865	961716	962308	963296	0.23	cps
Neodymium	150-1	353	420	560	444	23.73	cps
Neodymium	150-2	107	80	57	81	30.84	cps
Nickel	60-2	314806	314128	313655	314196	0.18	cps
Phosphorus	31-2	24170	23920	24287	24126	0.78	cps
Potassium	39-2	13701099	13632575	13664346	13666007	0.25	cps
Rhodium	103-1	5409250	5378243	5332993	5373495	0.71	cps
Rhodium	103-2	2416847	2448801	2412720	2426123	0.81	cps
Scandium	45-1	3564052	3571537	3568834	3568141	0.11	cps
Scandium	45-2	141750	144349	142887	142995	0.91	cps
Selenium	77-2	1840	2027	2017	1961	5.35	cps
Selenium	78-2	6300	6320	6185	6268	1.16	cps
Selenium	82-1	43132	43384	43099	43205	0.36	cps
Silicon	28-1	2065386	2069761	2078245	2071131	0.32	cps
Silver	109-1	3458442	3422142	3414142	3431575	0.69	cps
Silver	107-1	3564372	3548718	3526807	3546633	0.53	cps
Sodium	23-2	47343663	47066978	47187381	47199341	0.29	cps
Strontium	86-1	1042110	1041222	1041174	1041502	0.05	cps
Strontium	88-1	9084318	9054403	9072605	9070442	0.17	cps
Sulfur	34-1	431086	430315	434674	432025	0.54	cps
Terbium	159-1	8737749	8728787	8637612	8701383	0.64	cps
Terbium	159-2	4461384	4549401	4456309	4489031	1.17	cps
Thallium	203-1	3164744	3142334	3132853	3146644	0.52	cps
Thallium	205-1	7523991	7558158	7464230	7515460	0.63	cps
Tin	118-1	2650737	2642313	2631972	2641674	0.36	cps
Titanium	47-1	406506	406377	409389	407424	0.42	cps
Uranium	238-1	10852123	10885068	10730306	10822499	0.75	cps
Vanadium	51-2	640338	642003	642750	641697	0.19	cps
Yttrium	89-1	6484284	6484403	6462340	6477009	0.20	cps
Yttrium	89-2	922349	937708	925627	928561	0.87	cps
Zinc	66-2	232866	232617	232912	232799	0.07	cps
Zirconium	90-1	5360174	5333713	5329994	5341294	0.31	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	CCV54	Instrumnet Name :	P7
Client Sample ID :	CCV54	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:02:34	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1167414	1174998	1159516	1167309	0.66	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	CCB54	Instrumnet Name :	P7
Client Sample ID :	CCB54	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:06:03	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	42	42	36	26.65	cps
Antimony	121-1	7894	7160	6427	7160	10.25	cps
Arsenic	75-2	28	43	37	36	20.90	cps
Barium	135-1	83	83	25	64	52.72	cps
Barium	137-1	158	125	92	125	26.67	cps
Beryllium	9-1	517	578	500	532	7.71	cps
Bismuth	209-1	5408902	5450775	5380563	5413413	0.65	cps
Bismuth	209-2	3570312	3549954	3593024	3571097	0.60	cps
Boron	11-1	17227	16418	16276	16640	3.08	cps
Boron	10-1	3175	3159	3434	3256	4.74	cps
Cadmium	106-1	2209	2250	2392	2284	4.21	cps
Cadmium	108-1	21	8	8	12	57.75	cps
Cadmium	111-1	1581	1603	1727	1637	4.80	cps
Calcium	43-1	283	117	275	225	41.74	cps
Calcium	44-1	6927	6260	6302	6496	5.75	cps
Chromium	52-2	340	367	350	352	3.83	cps
Cobalt	59-2	97	80	70	82	16.39	cps
Copper	63-2	2544	2524	2380	2482	3.59	cps
Dysprosium	156-1	17	42	0	19	107.85	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	33	33	42	36	13.33	cps
Erbium	164-2	27	7	13	16	65.47	cps
Gadolinium	160-1	17	42	42	33	43.30	cps
Gadolinium	160-2	53	67	47	56	18.33	cps
Holmium	165-1	8304757	8294380	8217410	8272182	0.58	cps
Holmium	165-2	4610857	4556181	4615588	4594209	0.72	cps
Indium	115-1	6498043	6601463	6526786	6542097	0.82	cps
Indium	115-2	1328041	1317727	1327270	1324346	0.43	cps
Iron	56-2	9915	9715	9642	9757	1.45	cps
Iron	57-2	350	350	350	350	0.00	cps
Lead	206-1	878	967	972	939	5.64	cps
Lead	207-1	1028	1017	878	974	8.58	cps
Lead	208-1	4217	4150	4056	4141	1.95	cps
Lithium	6-1	1053335	1054752	1038140	1048743	0.88	cps
Magnesium	24-2	1492	1217	1292	1333	10.66	cps
Manganese	55-2	220	230	240	230	4.35	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	CCB54	Instrumnet Name :	P7
Client Sample ID :	CCB54	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:06:03	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1859	1767	1709	1778	4.25	cps
Molybdenum	94-1	1275	1425	975	1225	18.71	cps
Molybdenum	95-1	1267	1025	942	1078	15.66	cps
Molybdenum	96-1	1283	1400	1450	1378	6.21	cps
Molybdenum	97-1	717	650	533	633	14.65	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	1197	1330	1200	1242	6.12	cps
Phosphorus	31-2	67	75	117	86	31.11	cps
Potassium	39-2	23570	23887	24855	24104	2.78	cps
Rhodium	103-1	5787423	5821983	5833474	5814293	0.41	cps
Rhodium	103-2	2656368	2638507	2662160	2652345	0.46	cps
Scandium	45-1	3640273	3668735	3627025	3645344	0.58	cps
Scandium	45-2	144446	143668	144031	144048	0.27	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	52	69	57	59	14.32	cps
Selenium	82-1	-8	9	-53	-17	-181.92	cps
Silicon	28-1	282939	280333	281306	281526	0.47	cps
Silver	109-1	917	800	975	897	9.93	cps
Silver	107-1	1100	942	892	978	11.12	cps
Sodium	23-2	31743	30983	30114	30947	2.63	cps
Strontium	86-1	708	758	658	708	7.06	cps
Strontium	88-1	808	742	825	792	5.57	cps
Sulfur	34-1	200270	200388	200356	200338	0.03	cps
Terbium	159-1	8608226	8738790	8660848	8669288	0.76	cps
Terbium	159-2	4537822	4506758	4524921	4523167	0.35	cps
Thallium	203-1	342	383	275	333	16.39	cps
Thallium	205-1	800	800	825	808	1.79	cps
Tin	118-1	2584	2250	2225	2353	8.50	cps
Titanium	47-1	100	100	33	78	49.49	cps
Uranium	238-1	392	267	317	325	19.36	cps
Vanadium	51-2	43	40	33	39	13.09	cps
Yttrium	89-1	6597778	6624129	6541301	6587736	0.64	cps
Yttrium	89-2	949204	942370	956222	949265	0.73	cps
Zinc	66-2	307	287	343	312	9.20	cps
Zirconium	90-1	1650	1942	1442	1678	14.97	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	CCB54	Instrumnet Name :	P7
Client Sample ID :	CCB54	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:06:03	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	308	433	342	361	17.93	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4330-09	Instrumnet Name :	P7
Client Sample ID :	SS038RW016-170719	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:09:32	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	733	708	742	728	2.38	cps
Antimony	121-1	18939	15868	14099	16302	15.02	cps
Arsenic	75-2	15412	15544	15623	15526	0.69	cps
Barium	135-1	449162	444584	452785	448844	0.92	cps
Barium	137-1	780165	785584	786614	784121	0.44	cps
Beryllium	9-1	328	206	211	248	27.81	cps
Bismuth	209-1	5333125	5315756	5341866	5330249	0.25	cps
Bismuth	209-2	3311367	3329138	3324008	3321505	0.28	cps
Boron	11-1	67343	68648	67342	67778	1.11	cps
Boron	10-1	13098	13223	13206	13176	0.52	cps
Cadmium	106-1	2175	1700	1800	1892	13.24	cps
Cadmium	108-1	38	29	21	29	28.58	cps
Cadmium	111-1	1801	1453	1525	1593	11.52	cps
Calcium	43-1	1472378	1452920	1449045	1458114	0.86	cps
Calcium	44-1	23766336	23597477	23493677	23619163	0.58	cps
Chromium	52-2	1157	1233	1270	1220	4.74	cps
Cobalt	59-2	453	503	540	499	8.72	cps
Copper	63-2	11134	11722	11748	11535	3.01	cps
Dysprosium	156-1	92	125	108	108	15.39	cps
Dysprosium	156-2	37	30	20	29	29.04	cps
Erbium	164-1	42	108	92	81	43.07	cps
Erbium	164-2	47	37	37	40	14.43	cps
Gadolinium	160-1	142	58	142	114	42.24	cps
Gadolinium	160-2	73	87	93	84	12.06	cps
Holmium	165-1	7942932	8028198	8146809	8039313	1.27	cps
Holmium	165-2	4254125	4268882	4255147	4259385	0.19	cps
Indium	115-1	6228140	6294649	6293617	6272135	0.61	cps
Indium	115-2	1170503	1171090	1177183	1172926	0.32	cps
Iron	56-2	30027180	30158166	30047204	30077517	0.23	cps
Iron	57-2	742571	743330	746250	744050	0.26	cps
Lead	206-1	3617	3578	3795	3664	3.15	cps
Lead	207-1	3373	3039	3256	3223	5.25	cps
Lead	208-1	15137	14876	14831	14948	1.10	cps
Lithium	6-1	1100505	1117332	1133788	1117208	1.49	cps
Magnesium	24-2	726790	730522	723090	726801	0.51	cps
Manganese	55-2	266006	265920	264620	265516	0.29	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4330-09	Instrumnet Name :	P7
Client Sample ID :	SS038RW016-170719	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:09:32	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	7452	6902	7461	7272	4.40	cps
Molybdenum	94-1	6468	6018	5510	5999	8.00	cps
Molybdenum	95-1	4651	4584	4518	4584	1.45	cps
Molybdenum	96-1	5951	5860	6043	5951	1.54	cps
Molybdenum	97-1	2900	2759	2800	2820	2.58	cps
Neodymium	150-1	107	167	100	124	29.51	cps
Neodymium	150-2	50	17	70	46	59.14	cps
Nickel	60-2	1770	1853	1693	1772	4.52	cps
Phosphorus	31-2	683	817	633	711	13.33	cps
Potassium	39-2	249370	249277	247297	248648	0.47	cps
Rhodium	103-1	5235797	5297775	5313471	5282348	0.78	cps
Rhodium	103-2	2305111	2321744	2323914	2316923	0.44	cps
Scandium	45-1	3162257	3142465	3134620	3146448	0.45	cps
Scandium	45-2	118737	117048	116523	117436	0.99	cps
Selenium	77-2	3	10	10	8	49.52	cps
Selenium	78-2	56	54	43	51	13.86	cps
Selenium	82-1	91	33	-26	33	177.35	cps
Silicon	28-1	16913805	16668766	16669860	16750810	0.84	cps
Silver	109-1	5801	4968	3734	4834	21.52	cps
Silver	107-1	5685	4734	3342	4587	25.68	cps
Sodium	23-2	2741707	2728784	2724411	2731634	0.33	cps
Strontium	86-1	805443	798590	816876	806970	1.14	cps
Strontium	88-1	7074251	7048683	7109354	7077430	0.43	cps
Sulfur	34-1	183923	181298	180378	181866	1.01	cps
Terbium	159-1	8300603	8405982	8503137	8403241	1.21	cps
Terbium	159-2	4168897	4173722	4194116	4178912	0.32	cps
Thallium	203-1	392	267	242	300	26.79	cps
Thallium	205-1	708	683	458	617	22.33	cps
Tin	118-1	5876	5468	5193	5512	6.24	cps
Titanium	47-1	942	808	783	845	10.08	cps
Uranium	238-1	1117	983	1117	1072	7.18	cps
Vanadium	51-2	1033	1103	983	1040	5.80	cps
Yttrium	89-1	6145616	6146991	6157227	6149945	0.10	cps
Yttrium	89-2	813380	812443	816337	814053	0.25	cps
Zinc	66-2	3230	3070	3274	3192	3.36	cps
Zirconium	90-1	10621	8853	8169	9215	13.73	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4330-09	Instrumnet Name :	P7
Client Sample ID :	SS038RW016-170719	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:09:32	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2492	1859	1425	1925	27.87	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4330-10	Instrumnet Name :	P7
Client Sample ID :	SS038MW103-170719	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:13:00	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	725	817	817	786	6.73	cps
Antimony	121-1	10980	10721	11147	10949	1.96	cps
Arsenic	75-2	38026	38683	38846	38518	1.13	cps
Barium	135-1	363699	365905	367157	365587	0.48	cps
Barium	137-1	629353	627651	631069	629358	0.27	cps
Beryllium	9-1	228	267	244	246	7.92	cps
Bismuth	209-1	5259883	5251985	5217506	5243125	0.43	cps
Bismuth	209-2	3236969	3232163	3254599	3241244	0.36	cps
Boron	11-1	273309	278747	282160	278072	1.61	cps
Boron	10-1	53345	55068	55511	54641	2.09	cps
Cadmium	106-1	1875	2109	2000	1995	5.85	cps
Cadmium	108-1	17	25	13	18	35.25	cps
Cadmium	111-1	1413	1534	1504	1484	4.21	cps
Calcium	43-1	1628953	1609734	1609550	1616079	0.69	cps
Calcium	44-1	26194515	26210072	26282255	26228947	0.18	cps
Chromium	52-2	1977	1820	1980	1926	4.75	cps
Cobalt	59-2	947	897	873	906	4.14	cps
Copper	63-2	11101	11491	11064	11219	2.11	cps
Dysprosium	156-1	83	50	42	58	37.80	cps
Dysprosium	156-2	10	30	20	20	50.00	cps
Erbium	164-1	92	50	67	69	30.20	cps
Erbium	164-2	20	20	33	24	31.49	cps
Gadolinium	160-1	42	83	42	56	43.30	cps
Gadolinium	160-2	63	100	70	78	25.11	cps
Holmium	165-1	8042248	8092205	8098997	8077817	0.38	cps
Holmium	165-2	4196707	4226911	4233680	4219099	0.47	cps
Indium	115-1	6160778	6169336	6166472	6165529	0.07	cps
Indium	115-2	1140285	1147742	1148078	1145368	0.38	cps
Iron	56-2	5553153	5525741	5562729	5547208	0.35	cps
Iron	57-2	138487	138497	137185	138056	0.55	cps
Lead	206-1	10015	10638	10977	10543	4.63	cps
Lead	207-1	8492	8670	9181	8781	4.08	cps
Lead	208-1	39713	40531	41737	40660	2.50	cps
Lithium	6-1	1085509	1089559	1089836	1088301	0.22	cps
Magnesium	24-2	1104100	1105527	1108823	1106150	0.22	cps
Manganese	55-2	294827	292683	292611	293374	0.43	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4330-10	Instrumnet Name :	P7
Client Sample ID :	SS038MW103-170719	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:13:00	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3751	3909	3759	3806	2.34	cps
Molybdenum	94-1	2800	2884	3009	2898	3.62	cps
Molybdenum	95-1	2409	2242	2259	2303	3.99	cps
Molybdenum	96-1	2942	2650	2850	2814	5.30	cps
Molybdenum	97-1	1233	1550	1325	1370	11.90	cps
Neodymium	150-1	87	53	107	82	32.76	cps
Neodymium	150-2	27	17	27	23	24.74	cps
Nickel	60-2	3570	3434	3357	3454	3.13	cps
Phosphorus	31-2	217	200	308	242	24.14	cps
Potassium	39-2	142157	142982	141268	142136	0.60	cps
Rhodium	103-1	5151976	5185399	5222244	5186540	0.68	cps
Rhodium	103-2	2263055	2270705	2272146	2268635	0.22	cps
Scandium	45-1	3064560	3040884	3063856	3056433	0.44	cps
Scandium	45-2	114609	114729	114730	114690	0.06	cps
Selenium	77-2	17	3	3	8	99.04	cps
Selenium	78-2	44	56	57	52	13.37	cps
Selenium	82-1	215	148	145	170	23.36	cps
Silicon	28-1	30357635	30193414	30195232	30248760	0.31	cps
Silver	109-1	1650	1725	1800	1725	4.35	cps
Silver	107-1	1984	2142	1809	1978	8.43	cps
Sodium	23-2	9092152	9098534	9115655	9102113	0.13	cps
Strontium	86-1	699322	703308	703222	701951	0.32	cps
Strontium	88-1	6153254	6194289	6182763	6176769	0.34	cps
Sulfur	34-1	187524	186013	188596	187378	0.69	cps
Terbium	159-1	8339156	8441847	8581835	8454279	1.44	cps
Terbium	159-2	4132400	4153679	4154585	4146888	0.30	cps
Thallium	203-1	83	92	100	92	9.09	cps
Thallium	205-1	300	317	233	283	15.56	cps
Tin	118-1	4526	4626	4351	4501	3.09	cps
Titanium	47-1	900	983	883	922	5.81	cps
Uranium	238-1	317	275	350	314	11.97	cps
Vanadium	51-2	1700	1593	1703	1666	3.76	cps
Yttrium	89-1	6021385	6097677	6041293	6053452	0.65	cps
Yttrium	89-2	796578	799682	804997	800419	0.53	cps
Zinc	66-2	2727	2687	2814	2743	2.36	cps
Zirconium	90-1	4276	4051	4026	4118	3.35	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4330-10	Instrumnet Name :	P7
Client Sample ID :	SS038MW103-170719	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:13:00	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1108	1058	1100	1089	2.46	cps

LB Number : LB89007 Operator : Jaswal
 Lab Sample ID : I4365-01 Instrumnet Name : P7
 Client Sample ID : SP17-LITTLETON-LIMW Dilution Factor : 1
 Date & Time Acquired :: 2017-07-25 16:16:29 DataFile Name : 032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2600	2900	2792	2764	5.50	cps
Antimony	121-1	10196	10271	10163	10210	0.54	cps
Arsenic	75-2	163	180	183	175	6.19	cps
Barium	135-1	494441	497903	498427	496924	0.44	cps
Barium	137-1	858592	870285	876224	868367	1.03	cps
Beryllium	9-1	178	111	156	148	22.91	cps
Bismuth	209-1	5375318	5428777	5400462	5401519	0.50	cps
Bismuth	209-2	3340458	3347485	3374463	3354135	0.54	cps
Boron	11-1	23903	23085	22392	23127	3.27	cps
Boron	10-1	5018	4668	4209	4631	8.76	cps
Cadmium	106-1	2125	2200	2084	2136	2.77	cps
Cadmium	108-1	21	13	25	19	32.73	cps
Cadmium	111-1	1611	1640	1574	1608	2.04	cps
Calcium	43-1	2018950	2027361	2010148	2018820	0.43	cps
Calcium	44-1	32544040	32882465	32623728	32683411	0.54	cps
Chromium	52-2	1263	1140	1237	1213	5.35	cps
Cobalt	59-2	4147	4104	4374	4208	3.45	cps
Copper	63-2	12155	12629	12949	12578	3.18	cps
Dysprosium	156-1	650	583	592	608	5.97	cps
Dysprosium	156-2	220	250	303	258	16.37	cps
Erbium	164-1	575	525	475	525	9.52	cps
Erbium	164-2	243	247	227	239	4.49	cps
Gadolinium	160-1	608	508	600	572	9.70	cps
Gadolinium	160-2	323	323	373	340	8.49	cps
Holmium	165-1	8189315	8360548	8403416	8317760	1.36	cps
Holmium	165-2	4273736	4281359	4305533	4286876	0.39	cps
Indium	115-1	6314248	6346721	6347420	6336129	0.30	cps
Indium	115-2	1165427	1160891	1175422	1167247	0.64	cps
Iron	56-2	289978	289308	291911	290399	0.47	cps
Iron	57-2	10654	10365	10749	10589	1.89	cps
Lead	206-1	6969	7602	7108	7226	4.61	cps
Lead	207-1	6018	5807	6291	6039	4.01	cps
Lead	208-1	27495	28174	28635	28101	2.04	cps
Lithium	6-1	1071136	1082328	1079359	1077607	0.54	cps
Magnesium	24-2	748967	736460	744911	743446	0.86	cps
Manganese	55-2	1188929	1190360	1186181	1188490	0.18	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4365-01	Instrumnet Name :	P7
Client Sample ID :	SP17-LITTLETON-LIMW	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:16:29	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1208	1100	1217	1175	5.54	cps
Molybdenum	94-1	1950	1633	1684	1756	9.70	cps
Molybdenum	95-1	925	925	967	939	2.56	cps
Molybdenum	96-1	933	1033	1058	1008	6.56	cps
Molybdenum	97-1	467	467	542	492	8.81	cps
Neodymium	150-1	1033	920	987	980	5.81	cps
Neodymium	150-2	360	377	347	361	4.16	cps
Nickel	60-2	3314	3030	3287	3210	4.87	cps
Phosphorus	31-2	117	100	150	122	20.83	cps
Potassium	39-2	166543	167778	167190	167170	0.37	cps
Rhodium	103-1	5347110	5346111	5362616	5351946	0.17	cps
Rhodium	103-2	2324885	2326294	2338358	2329846	0.32	cps
Scandium	45-1	3128448	3140204	3140974	3136542	0.22	cps
Scandium	45-2	117364	117407	117774	117515	0.19	cps
Selenium	77-2	3	13	7	8	65.47	cps
Selenium	78-2	41	72	56	56	28.04	cps
Selenium	82-1	-41	-28	37	-11	-393.13	cps
Silicon	28-1	10772016	10802968	10837255	10804080	0.30	cps
Silver	109-1	1792	1625	1592	1670	6.42	cps
Silver	107-1	1825	1725	2025	1859	8.22	cps
Sodium	23-2	628636	633385	629462	630494	0.40	cps
Strontium	86-1	917792	924226	932946	924988	0.82	cps
Strontium	88-1	8059744	8153488	8230487	8147907	1.05	cps
Sulfur	34-1	393075	386836	387535	389148	0.88	cps
Terbium	159-1	8638703	8706544	8662221	8669156	0.40	cps
Terbium	159-2	4201900	4214857	4231758	4216171	0.36	cps
Thallium	203-1	208	100	200	169	35.58	cps
Thallium	205-1	525	533	425	494	12.19	cps
Tin	118-1	4092	4026	4334	4151	3.91	cps
Titanium	47-1	1742	1567	1225	1511	17.39	cps
Uranium	238-1	9471	9471	9170	9370	1.85	cps
Vanadium	51-2	620	640	633	631	1.61	cps
Yttrium	89-1	6184445	6228294	6240369	6217703	0.47	cps
Yttrium	89-2	814451	813707	817480	815213	0.25	cps
Zinc	66-2	2864	3057	3024	2981	3.47	cps
Zirconium	90-1	3634	3676	3692	3667	0.82	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4365-01	Instrumnet Name :	P7
Client Sample ID :	SP17-LITTLETON-LIMW	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:16:29	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	733	667	808	736	9.63	cps

LB Number : LB89007 Operator : Jaswal
 Lab Sample ID : I4365-02 Instrumnet Name : P7
 Client Sample ID : SP17-LITTLETON-L-FW Dilution Factor : 1
 Date & Time Acquired :: 2017-07-25 16:19:58 DataFile Name : 033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	183	225	197	12.20	cps
Antimony	121-1	9070	9862	10037	9656	5.34	cps
Arsenic	75-2	172	130	167	156	14.83	cps
Barium	135-1	113644	114670	113436	113917	0.58	cps
Barium	137-1	198194	201078	197400	198891	0.97	cps
Beryllium	9-1	144	83	167	131	32.82	cps
Bismuth	209-1	5373925	5395566	5441040	5403510	0.63	cps
Bismuth	209-2	3327268	3318318	3334486	3326691	0.24	cps
Boron	11-1	17928	17552	17461	17647	1.40	cps
Boron	10-1	3259	3434	3576	3423	4.64	cps
Cadmium	106-1	1934	2125	1900	1986	6.11	cps
Cadmium	108-1	21	17	29	22	28.64	cps
Cadmium	111-1	1456	1601	1485	1514	5.08	cps
Calcium	43-1	1474458	1475228	1472730	1474138	0.09	cps
Calcium	44-1	23776714	23861156	24043239	23893703	0.57	cps
Chromium	52-2	1240	1217	1217	1225	1.10	cps
Cobalt	59-2	4054	4184	3997	4078	2.35	cps
Copper	63-2	11538	11455	11601	11531	0.64	cps
Dysprosium	156-1	83	125	83	97	24.74	cps
Dysprosium	156-2	43	40	23	36	30.14	cps
Erbium	164-1	100	142	83	108	27.73	cps
Erbium	164-2	43	53	47	48	10.66	cps
Gadolinium	160-1	158	133	125	139	12.49	cps
Gadolinium	160-2	107	87	103	99	10.84	cps
Holmium	165-1	8154066	8347362	8404067	8301831	1.58	cps
Holmium	165-2	4277247	4269393	4288139	4278260	0.22	cps
Indium	115-1	6238296	6263357	6298479	6266711	0.48	cps
Indium	115-2	1152376	1142385	1155945	1150235	0.61	cps
Iron	56-2	2404794	2407241	2397396	2403143	0.21	cps
Iron	57-2	61741	62929	61847	62172	1.06	cps
Lead	206-1	3806	3962	3673	3814	3.79	cps
Lead	207-1	3401	3362	3545	3436	2.81	cps
Lead	208-1	15476	15626	15359	15487	0.86	cps
Lithium	6-1	1054861	1054510	1061965	1057112	0.40	cps
Magnesium	24-2	1270042	1278396	1265144	1271194	0.53	cps
Manganese	55-2	562833	564009	562207	563016	0.16	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4365-02	Instrumnet Name :	P7
Client Sample ID :	SP17-LITTLETON-L-FW	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:19:58	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	408	467	575	483	17.50	cps
Molybdenum	94-1	808	1025	867	900	12.46	cps
Molybdenum	95-1	300	225	375	300	25.00	cps
Molybdenum	96-1	400	508	458	456	11.90	cps
Molybdenum	97-1	175	167	183	175	4.76	cps
Neodymium	150-1	113	127	107	116	8.81	cps
Neodymium	150-2	20	43	33	32	36.33	cps
Nickel	60-2	2680	2597	2704	2660	2.11	cps
Phosphorus	31-2	92	42	67	67	37.50	cps
Potassium	39-2	119655	119840	119159	119551	0.29	cps
Rhodium	103-1	5274203	5324938	5313306	5304149	0.50	cps
Rhodium	103-2	2314148	2302224	2324791	2313721	0.49	cps
Scandium	45-1	3125280	3105444	3123700	3118141	0.35	cps
Scandium	45-2	115237	115546	115881	115555	0.28	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	41	50	35	42	17.82	cps
Selenium	82-1	86	30	-62	18	413.20	cps
Silicon	28-1	14671310	14758175	14723501	14717662	0.30	cps
Silver	109-1	1575	1767	1550	1631	7.27	cps
Silver	107-1	1684	1625	1558	1622	3.86	cps
Sodium	23-2	780149	785605	786185	783980	0.42	cps
Strontium	86-1	1366510	1374548	1369687	1370248	0.30	cps
Strontium	88-1	11995895	12217801	12143013	12118903	0.93	cps
Sulfur	34-1	255377	253540	253707	254208	0.40	cps
Terbium	159-1	8640479	8566396	8713648	8640174	0.85	cps
Terbium	159-2	4197871	4179154	4225290	4200771	0.55	cps
Thallium	203-1	50	83	75	69	24.98	cps
Thallium	205-1	192	233	258	228	14.79	cps
Tin	118-1	3709	4101	3826	3879	5.19	cps
Titanium	47-1	625	383	467	492	24.97	cps
Uranium	238-1	13941	13549	13599	13697	1.56	cps
Vanadium	51-2	493	467	540	500	7.42	cps
Yttrium	89-1	6164134	6209942	6147872	6173983	0.52	cps
Yttrium	89-2	809291	801610	811182	807361	0.63	cps
Zinc	66-2	25746	25713	25546	25668	0.42	cps
Zirconium	90-1	1934	2167	2217	2106	7.18	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4365-02	Instrumnet Name :	P7
Client Sample ID :	SP17-LITTLETON-L-FW\	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:19:58	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	350	475	517	447	19.39	cps

LB Number : LB89007 Operator : Jaswal
 Lab Sample ID : I4365-03 Instrumnet Name : P7
 Client Sample ID : SP17-LITTLETON-LIMW Dilution Factor : 1
 Date & Time Acquired :: 2017-07-25 16:23:27 DataFile Name : 034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1984	2392	2717	2364	15.55	cps
Antimony	121-1	8311	8995	9128	8811	4.98	cps
Arsenic	75-2	1598	1602	1595	1598	0.23	cps
Barium	135-1	177435	176060	176144	176546	0.44	cps
Barium	137-1	308686	309115	310681	309494	0.34	cps
Beryllium	9-1	178	194	150	174	12.90	cps
Bismuth	209-1	5383107	5396190	5428460	5402586	0.43	cps
Bismuth	209-2	3303865	3338305	3350270	3330813	0.72	cps
Boron	11-1	10296	9904	9912	10037	2.23	cps
Boron	10-1	2025	1767	1959	1917	7.00	cps
Cadmium	106-1	1925	2167	2250	2114	7.99	cps
Cadmium	108-1	88	67	46	67	31.25	cps
Cadmium	111-1	1366	1549	1656	1524	9.63	cps
Calcium	43-1	1637843	1635745	1631265	1634951	0.21	cps
Calcium	44-1	26555102	26523977	26645909	26574996	0.24	cps
Chromium	52-2	1790	1907	1860	1852	3.17	cps
Cobalt	59-2	1063	1020	1057	1047	2.23	cps
Copper	63-2	10484	10464	10427	10458	0.27	cps
Dysprosium	156-1	983	883	883	917	6.30	cps
Dysprosium	156-2	387	407	410	401	3.15	cps
Erbium	164-1	883	917	892	897	1.93	cps
Erbium	164-2	400	357	367	374	6.06	cps
Gadolinium	160-1	875	733	842	817	9.07	cps
Gadolinium	160-2	413	523	413	450	14.11	cps
Holmium	165-1	8158454	8181473	8373974	8237967	1.44	cps
Holmium	165-2	4191718	4268096	4235474	4231763	0.91	cps
Indium	115-1	6198068	6140714	6220969	6186584	0.67	cps
Indium	115-2	1136094	1141367	1142392	1139951	0.30	cps
Iron	56-2	14260945	14248981	14315276	14275067	0.25	cps
Iron	57-2	354643	348980	352438	352020	0.81	cps
Lead	206-1	3078	3245	3301	3208	3.61	cps
Lead	207-1	2545	2495	2473	2504	1.48	cps
Lead	208-1	12108	12091	12191	12130	0.44	cps
Lithium	6-1	1041678	1042398	1041208	1041762	0.06	cps
Magnesium	24-2	503010	500770	501974	501918	0.22	cps
Manganese	55-2	680715	689665	689895	686758	0.76	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4365-03	Instrumnet Name :	P7
Client Sample ID :	SP17-LITTLETON-LIMW	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:23:27	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1017	1067	1033	1039	2.45	cps
Molybdenum	94-1	20816	19890	20866	20524	2.68	cps
Molybdenum	95-1	625	817	858	767	16.23	cps
Molybdenum	96-1	4559	4359	4784	4568	4.66	cps
Molybdenum	97-1	383	442	550	458	18.45	cps
Neodymium	150-1	947	960	933	947	1.41	cps
Neodymium	150-2	363	403	303	357	14.11	cps
Nickel	60-2	1547	1547	1537	1543	0.37	cps
Phosphorus	31-2	142	117	133	131	9.75	cps
Potassium	39-2	81491	81934	81759	81728	0.27	cps
Rhodium	103-1	5226268	5245756	5298438	5256821	0.71	cps
Rhodium	103-2	2289210	2293534	2303487	2295410	0.32	cps
Scandium	45-1	3045048	3036975	3048936	3043653	0.20	cps
Scandium	45-2	114192	114579	114777	114516	0.26	cps
Selenium	77-2	7	10	17	11	45.82	cps
Selenium	78-2	46	33	56	45	24.78	cps
Selenium	82-1	-13	50	38	25	136.10	cps
Silicon	28-1	16977019	16812265	16864903	16884729	0.50	cps
Silver	109-1	1375	1500	1483	1453	4.67	cps
Silver	107-1	1667	1734	1592	1664	4.26	cps
Sodium	23-2	467403	478663	472169	472745	1.20	cps
Strontium	86-1	1003364	1000288	1010520	1004724	0.52	cps
Strontium	88-1	8900772	8798278	8881373	8860141	0.61	cps
Sulfur	34-1	273303	273493	269240	272012	0.88	cps
Terbium	159-1	8551500	8586502	8656583	8598195	0.62	cps
Terbium	159-2	4135196	4167670	4159457	4154108	0.41	cps
Thallium	203-1	50	42	75	56	31.23	cps
Thallium	205-1	142	158	150	150	5.56	cps
Tin	118-1	3976	3859	4234	4023	4.77	cps
Titanium	47-1	1934	2846	3524	2768	28.83	cps
Uranium	238-1	5843	6002	5977	5941	1.43	cps
Vanadium	51-2	2240	2154	2224	2206	2.09	cps
Yttrium	89-1	6038468	6086268	6072108	6065615	0.40	cps
Yttrium	89-2	797112	799093	798053	798086	0.12	cps
Zinc	66-2	2737	2797	2750	2761	1.14	cps
Zirconium	90-1	53242	54262	53768	53757	0.95	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4365-03	Instrumnet Name :	P7
Client Sample ID :	SP17-LITTLETON-LIMW	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:23:27	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	11630	12014	12272	11972	2.70	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4365-04	Instrumnet Name :	P7
Client Sample ID :	SP17-LITTLETON-ER1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:26:56	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	67	75	75	11.11	cps
Antimony	121-1	8878	9787	9896	9520	5.87	cps
Arsenic	75-2	57	39	39	45	23.73	cps
Barium	135-1	100	200	100	133	43.30	cps
Barium	137-1	183	258	142	194	30.41	cps
Beryllium	9-1	111	133	128	124	9.32	cps
Bismuth	209-1	5430175	5429750	5415617	5425181	0.15	cps
Bismuth	209-2	3316023	3319989	3324948	3320320	0.13	cps
Boron	11-1	5676	5193	5034	5301	6.31	cps
Boron	10-1	1142	975	1167	1095	9.52	cps
Cadmium	106-1	1917	1684	2267	1956	15.01	cps
Cadmium	108-1	0	13	17	10	89.22	cps
Cadmium	111-1	1392	1228	1629	1416	14.25	cps
Calcium	43-1	450	358	342	383	15.22	cps
Calcium	44-1	10654	10604	10504	10588	0.72	cps
Chromium	52-2	980	1087	980	1016	6.06	cps
Cobalt	59-2	87	100	67	84	19.87	cps
Copper	63-2	9270	9406	9367	9348	0.75	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	13	0	4	173.21	cps
Erbium	164-1	42	25	42	36	26.65	cps
Erbium	164-2	13	20	13	16	24.76	cps
Gadolinium	160-1	58	50	42	50	16.67	cps
Gadolinium	160-2	67	63	40	57	25.64	cps
Holmium	165-1	8041966	8131403	8253621	8142330	1.30	cps
Holmium	165-2	4165330	4169456	4199143	4177976	0.44	cps
Indium	115-1	6232826	6231173	6223712	6229237	0.08	cps
Indium	115-2	1138506	1146505	1146049	1143687	0.39	cps
Iron	56-2	7708	7196	7091	7332	4.50	cps
Iron	57-2	206	200	211	206	2.70	cps
Lead	206-1	1595	1645	1600	1613	1.70	cps
Lead	207-1	1606	1472	1683	1587	6.73	cps
Lead	208-1	6667	6512	6718	6632	1.62	cps
Lithium	6-1	1023025	1027245	1022082	1024117	0.27	cps
Magnesium	24-2	1617	1717	1742	1692	3.91	cps
Manganese	55-2	373	413	347	378	8.88	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4365-04	Instrumnet Name :	P7
Client Sample ID :	SP17-LITTLETON-ER1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:26:56	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	158	258	225	214	23.81	cps
Molybdenum	94-1	325	300	342	322	6.51	cps
Molybdenum	95-1	167	83	92	114	40.30	cps
Molybdenum	96-1	108	192	167	156	27.49	cps
Molybdenum	97-1	75	150	100	108	35.25	cps
Neodymium	150-1	27	13	13	18	43.33	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	1063	1063	1040	1056	1.28	cps
Phosphorus	31-2	67	100	108	92	24.05	cps
Potassium	39-2	19772	20073	19906	19917	0.76	cps
Rhodium	103-1	5389885	5360226	5391341	5380484	0.33	cps
Rhodium	103-2	2322102	2341282	2358507	2340630	0.78	cps
Scandium	45-1	3070491	3048043	3053902	3057478	0.38	cps
Scandium	45-2	113749	113561	114599	113970	0.49	cps
Selenium	77-2	13	10	13	12	15.73	cps
Selenium	78-2	48	37	54	46	18.32	cps
Selenium	82-1	3	13	-62	-15	-263.86	cps
Silicon	28-1	259886	261255	262046	261062	0.42	cps
Silver	109-1	1358	1467	1442	1422	3.99	cps
Silver	107-1	1400	1300	1533	1411	8.30	cps
Sodium	23-2	37105	37331	36546	36994	1.09	cps
Strontium	86-1	825	892	792	836	6.09	cps
Strontium	88-1	1567	1525	1542	1545	1.36	cps
Sulfur	34-1	179243	176299	179302	178281	0.96	cps
Terbium	159-1	8654247	8663219	8628301	8648589	0.21	cps
Terbium	159-2	4095782	4110122	4138239	4114715	0.52	cps
Thallium	203-1	75	50	42	56	31.22	cps
Thallium	205-1	125	92	150	122	23.95	cps
Tin	118-1	3167	3392	2967	3176	6.70	cps
Titanium	47-1	167	142	175	161	10.77	cps
Uranium	238-1	33	33	100	56	69.29	cps
Vanadium	51-2	370	407	407	394	5.37	cps
Yttrium	89-1	6086566	6082724	6073836	6081042	0.11	cps
Yttrium	89-2	798347	798429	800334	799037	0.14	cps
Zinc	66-2	2597	2430	2454	2494	3.62	cps
Zirconium	90-1	900	767	825	831	8.05	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4365-04	Instrumnet Name :	P7
Client Sample ID :	SP17-LITTLETON-ER1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:26:56	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	250	233	192	225	13.35	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4365-05	Instrumnet Name :	P7
Client Sample ID :	SP17-LITTLETON-LIMW	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:30:27	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	283	292	233	269	11.71	cps
Antimony	121-1	9670	9979	10655	10101	4.98	cps
Arsenic	75-2	113	124	107	115	7.39	cps
Barium	135-1	498604	505438	514005	506016	1.52	cps
Barium	137-1	872798	882454	881020	878757	0.59	cps
Beryllium	9-1	89	89	144	107	29.86	cps
Bismuth	209-1	5384627	5345930	5400322	5376960	0.52	cps
Bismuth	209-2	3296555	3294696	3297271	3296174	0.04	cps
Boron	11-1	10095	10087	10145	10109	0.31	cps
Boron	10-1	1850	1767	1917	1845	4.07	cps
Cadmium	106-1	1959	1842	1959	1920	3.51	cps
Cadmium	108-1	42	8	8	19	99.00	cps
Cadmium	111-1	1400	1342	1444	1395	3.69	cps
Calcium	43-1	1964892	1957918	1953419	1958743	0.30	cps
Calcium	44-1	31666123	31728456	31834360	31742980	0.27	cps
Chromium	52-2	1013	843	800	886	12.73	cps
Cobalt	59-2	3917	3804	3974	3898	2.22	cps
Copper	63-2	11745	12259	11985	11996	2.14	cps
Dysprosium	156-1	233	225	183	214	12.52	cps
Dysprosium	156-2	70	77	87	78	10.79	cps
Erbium	164-1	192	117	233	181	32.75	cps
Erbium	164-2	67	93	70	77	18.95	cps
Gadolinium	160-1	183	133	217	178	23.59	cps
Gadolinium	160-2	157	153	153	154	1.24	cps
Holmium	165-1	8184927	8259491	8338796	8261071	0.93	cps
Holmium	165-2	4230926	4217130	4205247	4217768	0.30	cps
Indium	115-1	6165888	6156092	6206312	6176097	0.43	cps
Indium	115-2	1126926	1127175	1125677	1126593	0.07	cps
Iron	56-2	22996	22462	22273	22577	1.66	cps
Iron	57-2	3412	3267	3645	3441	5.54	cps
Lead	206-1	5140	5518	5157	5272	4.05	cps
Lead	207-1	4568	4590	4512	4556	0.88	cps
Lead	208-1	20151	21018	20662	20611	2.12	cps
Lithium	6-1	1011143	1014262	1012007	1012471	0.16	cps
Magnesium	24-2	739144	735448	736948	737180	0.25	cps
Manganese	55-2	1135609	1134571	1139283	1136488	0.22	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4365-05	Instrumnet Name :	P7
Client Sample ID :	SP17-LITTLETON-LIMW	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:30:27	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1067	1300	1342	1236	11.99	cps
Molybdenum	94-1	1067	1100	1125	1097	2.67	cps
Molybdenum	95-1	858	950	1042	950	9.65	cps
Molybdenum	96-1	1083	1167	1050	1100	5.46	cps
Molybdenum	97-1	375	533	517	475	18.32	cps
Neodymium	150-1	260	307	347	304	14.25	cps
Neodymium	150-2	87	77	110	91	18.77	cps
Nickel	60-2	3084	3104	2784	2990	6.00	cps
Phosphorus	31-2	67	92	75	78	16.37	cps
Potassium	39-2	162421	163861	162245	162842	0.54	cps
Rhodium	103-1	5198269	5225600	5237823	5220564	0.39	cps
Rhodium	103-2	2268929	2269410	2258547	2265629	0.27	cps
Scandium	45-1	3032804	3043770	3022762	3033112	0.35	cps
Scandium	45-2	113681	111019	110991	111897	1.38	cps
Selenium	77-2	20	7	0	9	114.55	cps
Selenium	78-2	70	48	48	56	23.09	cps
Selenium	82-1	25	-76	-61	-37	-146.91	cps
Silicon	28-1	10304338	10222444	10229738	10252173	0.44	cps
Silver	109-1	1333	1233	1300	1289	3.95	cps
Silver	107-1	1425	1183	1392	1333	9.82	cps
Sodium	23-2	630692	629247	634777	631572	0.45	cps
Strontium	86-1	909754	910024	907404	909061	0.16	cps
Strontium	88-1	8011161	8065176	7997916	8024751	0.44	cps
Sulfur	34-1	391144	386597	388639	388793	0.59	cps
Terbium	159-1	8646915	8637269	8722090	8668758	0.54	cps
Terbium	159-2	4147650	4160514	4145974	4151379	0.19	cps
Thallium	203-1	133	150	142	142	5.88	cps
Thallium	205-1	400	408	367	392	5.63	cps
Tin	118-1	3551	3242	3067	3287	7.45	cps
Titanium	47-1	542	450	567	519	11.82	cps
Uranium	238-1	9821	9879	9963	9888	0.72	cps
Vanadium	51-2	480	480	493	484	1.59	cps
Yttrium	89-1	6051441	6081324	6096236	6076334	0.38	cps
Yttrium	89-2	787316	789731	787732	788259	0.16	cps
Zinc	66-2	3114	3137	3200	3150	1.42	cps
Zirconium	90-1	2334	2200	2392	2309	4.26	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4365-05	Instrumnet Name :	P7
Client Sample ID :	SP17-LITTLETON-LIMW	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:30:27	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	500	575	600	558	9.32	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4365-06	Instrumnet Name :	P7
Client Sample ID :	SP17-LITTLETON-L-FW\	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:33:57	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	100	33	81	51.03	cps
Antimony	121-1	8736	9529	9746	9337	5.69	cps
Arsenic	75-2	80	76	72	76	4.88	cps
Barium	135-1	108068	107966	110141	108725	1.13	cps
Barium	137-1	189510	191429	193709	191549	1.10	cps
Beryllium	9-1	72	111	122	102	25.78	cps
Bismuth	209-1	5343083	5344371	5371526	5352994	0.30	cps
Bismuth	209-2	3268890	3316539	3298654	3294694	0.73	cps
Boron	11-1	11130	10863	11054	11016	1.25	cps
Boron	10-1	2500	2517	1959	2325	13.66	cps
Cadmium	106-1	1884	1700	2042	1875	9.12	cps
Cadmium	108-1	21	21	17	19	12.35	cps
Cadmium	111-1	1346	1217	1472	1345	9.47	cps
Calcium	43-1	1440395	1451665	1426248	1439436	0.88	cps
Calcium	44-1	23376449	23512020	23430662	23439710	0.29	cps
Chromium	52-2	973	850	953	926	7.15	cps
Cobalt	59-2	2964	3220	3170	3118	4.36	cps
Copper	63-2	29934	30385	30061	30127	0.77	cps
Dysprosium	156-1	33	25	42	33	25.01	cps
Dysprosium	156-2	13	10	0	8	89.21	cps
Erbium	164-1	117	92	42	83	45.82	cps
Erbium	164-2	23	17	20	20	16.65	cps
Gadolinium	160-1	33	58	42	44	28.65	cps
Gadolinium	160-2	80	67	53	67	20.00	cps
Holmium	165-1	8214690	8169344	8229401	8204478	0.38	cps
Holmium	165-2	4179439	4204838	4188517	4190931	0.31	cps
Indium	115-1	6098633	6090336	6092055	6093674	0.07	cps
Indium	115-2	1110538	1115276	1115934	1113916	0.26	cps
Iron	56-2	110749	110680	111626	111018	0.48	cps
Iron	57-2	4951	4907	5234	5031	3.54	cps
Lead	206-1	1828	1678	1511	1672	9.47	cps
Lead	207-1	1206	1545	1511	1420	13.15	cps
Lead	208-1	6684	7045	6690	6806	3.04	cps
Lithium	6-1	1004141	1003344	997465	1001650	0.36	cps
Magnesium	24-2	1241896	1245875	1243453	1243741	0.16	cps
Manganese	55-2	536467	537873	540969	538436	0.43	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4365-06	Instrumnet Name :	P7
Client Sample ID :	SP17-LITTLETON-L-FW	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:33:57	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1150	1292	1375	1272	8.94	cps
Molybdenum	94-1	1083	1033	1217	1111	8.53	cps
Molybdenum	95-1	908	708	858	825	12.62	cps
Molybdenum	96-1	1175	808	825	936	22.12	cps
Molybdenum	97-1	467	517	492	492	5.08	cps
Neodymium	150-1	53	27	73	51	45.81	cps
Neodymium	150-2	7	7	10	8	24.71	cps
Nickel	60-2	2024	2154	2267	2148	5.67	cps
Phosphorus	31-2	58	75	50	61	20.83	cps
Potassium	39-2	112648	114582	114179	113803	0.90	cps
Rhodium	103-1	5173559	5160262	5162651	5165491	0.14	cps
Rhodium	103-2	2239116	2247345	2235819	2240760	0.26	cps
Scandium	45-1	2987444	2983910	2973390	2981581	0.25	cps
Scandium	45-2	112423	112231	112651	112435	0.19	cps
Selenium	77-2	3	7	10	7	50.03	cps
Selenium	78-2	56	59	31	49	30.93	cps
Selenium	82-1	73	5	-42	12	476.83	cps
Silicon	28-1	14000208	14016781	13905908	13974299	0.43	cps
Silver	109-1	1133	1217	1317	1222	7.51	cps
Silver	107-1	1167	1283	1408	1286	9.40	cps
Sodium	23-2	764095	769984	771202	768427	0.49	cps
Strontium	86-1	1355237	1353478	1357936	1355551	0.17	cps
Strontium	88-1	11984030	11871003	12064771	11973268	0.81	cps
Sulfur	34-1	246236	242341	237667	242081	1.77	cps
Terbium	159-1	8514486	8593453	8600925	8569622	0.56	cps
Terbium	159-2	4119928	4144230	4115292	4126483	0.38	cps
Thallium	203-1	50	58	67	58	14.29	cps
Thallium	205-1	183	192	192	189	2.55	cps
Tin	118-1	3392	3392	3167	3317	3.92	cps
Titanium	47-1	567	533	633	578	8.81	cps
Uranium	238-1	13466	13091	14075	13544	3.67	cps
Vanadium	51-2	390	463	520	458	14.24	cps
Yttrium	89-1	5987568	5991718	6010738	5996675	0.21	cps
Yttrium	89-2	776647	781383	780734	779588	0.33	cps
Zinc	66-2	4247	4327	4307	4294	0.97	cps
Zirconium	90-1	2150	2109	1784	2014	9.97	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4365-06	Instrumnet Name :	P7
Client Sample ID :	SP17-LITTLETON-L-FW\	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:33:57	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	500	583	425	503	15.75	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4365-07	Instrumnet Name :	P7
Client Sample ID :	SP17-LITTLETON-LIMW	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:37:26	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2200	2275	2300	2259	2.31	cps
Antimony	121-1	8219	8436	8720	8458	2.97	cps
Arsenic	75-2	1476	1572	1546	1532	3.25	cps
Barium	135-1	168019	171437	170828	170095	1.07	cps
Barium	137-1	295837	294842	297340	296006	0.42	cps
Beryllium	9-1	117	183	117	139	27.71	cps
Bismuth	209-1	5444610	5478293	5473981	5465628	0.34	cps
Bismuth	209-2	3298566	3324103	3311255	3311308	0.39	cps
Boron	11-1	6927	6852	6493	6757	3.43	cps
Boron	10-1	1242	1425	1425	1364	7.76	cps
Cadmium	106-1	2042	1984	1950	1992	2.33	cps
Cadmium	108-1	71	54	100	75	30.93	cps
Cadmium	111-1	1430	1401	1353	1395	2.76	cps
Calcium	43-1	1530584	1537750	1528578	1532304	0.31	cps
Calcium	44-1	24943904	24858473	25107208	24969862	0.51	cps
Chromium	52-2	4314	4381	4127	4274	3.07	cps
Cobalt	59-2	940	973	870	928	5.68	cps
Copper	63-2	8596	8956	8696	8749	2.13	cps
Dysprosium	156-1	900	1008	758	889	14.10	cps
Dysprosium	156-2	397	377	407	393	3.88	cps
Erbium	164-1	800	883	817	833	5.29	cps
Erbium	164-2	407	417	390	404	3.33	cps
Gadolinium	160-1	642	617	850	703	18.23	cps
Gadolinium	160-2	377	450	440	422	9.42	cps
Holmium	165-1	8204983	8305704	8336569	8282419	0.83	cps
Holmium	165-2	4221992	4227316	4228415	4225908	0.08	cps
Indium	115-1	6124310	6169965	6188781	6161019	0.54	cps
Indium	115-2	1115228	1120581	1118646	1118152	0.24	cps
Iron	56-2	13609592	13590404	13692575	13630857	0.40	cps
Iron	57-2	335363	332904	335806	334691	0.47	cps
Lead	206-1	2945	2917	3123	2995	3.72	cps
Lead	207-1	2561	2567	2473	2534	2.09	cps
Lead	208-1	11675	12064	11902	11880	1.65	cps
Lithium	6-1	988100	989669	996306	991359	0.44	cps
Magnesium	24-2	468515	469870	465051	467812	0.53	cps
Manganese	55-2	631323	628391	632205	630640	0.32	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4365-07	Instrumnet Name :	P7
Client Sample ID :	SP17-LITTLETON-LIMW	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:37:26	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1008	1050	1075	1045	3.22	cps
Molybdenum	94-1	20232	20424	20232	20296	0.55	cps
Molybdenum	95-1	758	692	642	697	8.40	cps
Molybdenum	96-1	4209	4368	3717	4098	8.27	cps
Molybdenum	97-1	433	508	417	453	10.78	cps
Neodymium	150-1	1080	1113	1020	1071	4.42	cps
Neodymium	150-2	407	400	407	404	0.95	cps
Nickel	60-2	2004	1917	1944	1955	2.27	cps
Phosphorus	31-2	133	108	92	111	18.88	cps
Potassium	39-2	76623	77093	77671	77129	0.68	cps
Rhodium	103-1	5177726	5241699	5259871	5226432	0.83	cps
Rhodium	103-2	2256414	2255622	2273319	2261785	0.44	cps
Scandium	45-1	2965526	2973591	2997723	2978946	0.56	cps
Scandium	45-2	110414	110535	110508	110486	0.06	cps
Selenium	77-2	0	7	13	7	99.98	cps
Selenium	78-2	52	44	39	45	14.43	cps
Selenium	82-1	33	18	-4	16	122.38	cps
Silicon	28-1	15934781	15888736	15968022	15930513	0.25	cps
Silver	109-1	1050	1267	1000	1106	12.82	cps
Silver	107-1	1408	1225	1408	1347	7.86	cps
Sodium	23-2	454052	453822	458443	455439	0.57	cps
Strontium	86-1	960705	963826	969761	964764	0.48	cps
Strontium	88-1	8445337	8482355	8534403	8487365	0.53	cps
Sulfur	34-1	263118	259997	262372	261829	0.62	cps
Terbium	159-1	8639433	8794148	8737424	8723668	0.90	cps
Terbium	159-2	4143496	4150884	4158841	4151074	0.18	cps
Thallium	203-1	67	100	67	78	24.75	cps
Thallium	205-1	133	133	108	125	11.55	cps
Tin	118-1	3826	3959	3876	3887	1.73	cps
Titanium	47-1	2200	1734	6709	3548	77.46	cps
Uranium	238-1	5451	5551	5393	5465	1.47	cps
Vanadium	51-2	2040	2160	2227	2142	4.42	cps
Yttrium	89-1	6018269	6079598	6087469	6061779	0.62	cps
Yttrium	89-2	781554	778103	785365	781674	0.46	cps
Zinc	66-2	3911	3877	3937	3908	0.77	cps
Zirconium	90-1	52104	51645	52848	52199	1.16	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4365-07	Instrumnet Name :	P7
Client Sample ID :	SP17-LITTLETON-LIMW	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:37:26	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	12172	11230	12389	11931	5.17	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4365-08	Instrumnet Name :	P7
Client Sample ID :	SP17-LITTLETON-ER1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:40:54	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	50	167	106	55.46	cps
Antimony	121-1	8553	9395	9570	9173	5.93	cps
Arsenic	75-2	48	54	41	48	13.68	cps
Barium	135-1	133	92	67	97	34.64	cps
Barium	137-1	183	225	183	197	12.20	cps
Beryllium	9-1	106	144	106	119	18.94	cps
Bismuth	209-1	5417541	5456476	5483204	5452407	0.61	cps
Bismuth	209-2	3358461	3361031	3346184	3355225	0.24	cps
Boron	11-1	3609	3484	3134	3409	7.23	cps
Boron	10-1	817	775	733	775	5.38	cps
Cadmium	106-1	2092	1992	1950	2011	3.62	cps
Cadmium	108-1	8	13	21	14	45.83	cps
Cadmium	111-1	1492	1415	1380	1429	4.01	cps
Calcium	43-1	375	408	292	358	16.77	cps
Calcium	44-1	10663	11830	11055	11182	5.31	cps
Chromium	52-2	1687	1560	1673	1640	4.24	cps
Cobalt	59-2	53	67	63	61	11.36	cps
Copper	63-2	8509	8906	8543	8653	2.54	cps
Dysprosium	156-1	0	8	25	11	114.58	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	25	42	8	25	66.68	cps
Erbium	164-2	17	20	30	22	31.22	cps
Gadolinium	160-1	25	17	8	17	50.01	cps
Gadolinium	160-2	50	73	67	63	18.98	cps
Holmium	165-1	8170487	8263902	8308937	8247775	0.86	cps
Holmium	165-2	4208430	4221597	4181936	4203988	0.48	cps
Indium	115-1	6175237	6184393	6238358	6199329	0.55	cps
Indium	115-2	1132450	1131990	1136744	1133728	0.23	cps
Iron	56-2	9859	9587	9815	9753	1.50	cps
Iron	57-2	344	244	289	293	17.12	cps
Lead	206-1	1367	1622	1495	1495	8.55	cps
Lead	207-1	1189	1178	1283	1217	4.77	cps
Lead	208-1	5601	5890	6106	5866	4.33	cps
Lithium	6-1	980713	991386	983711	985270	0.56	cps
Magnesium	24-2	1667	1625	1608	1634	1.84	cps
Manganese	55-2	430	383	430	414	6.50	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4365-08	Instrumnet Name :	P7
Client Sample ID :	SP17-LITTLETON-ER1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:40:54	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	167	183	200	183	9.09	cps
Molybdenum	94-1	342	258	225	275	21.85	cps
Molybdenum	95-1	142	108	83	111	26.34	cps
Molybdenum	96-1	108	175	150	144	23.32	cps
Molybdenum	97-1	75	58	75	69	13.85	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1153	1110	1193	1152	3.62	cps
Phosphorus	31-2	83	67	100	83	20.00	cps
Potassium	39-2	19188	19213	19313	19238	0.34	cps
Rhodium	103-1	5332482	5352342	5364247	5349690	0.30	cps
Rhodium	103-2	2327284	2316072	2327852	2323736	0.29	cps
Scandium	45-1	2974005	2972990	2988367	2978454	0.29	cps
Scandium	45-2	111136	112557	111596	111763	0.65	cps
Selenium	77-2	10	13	3	9	57.30	cps
Selenium	78-2	65	50	41	52	23.42	cps
Selenium	82-1	4	54	-32	9	498.84	cps
Silicon	28-1	248405	244565	246826	246599	0.78	cps
Silver	109-1	1208	1042	1308	1186	11.36	cps
Silver	107-1	1308	1233	1342	1295	4.29	cps
Sodium	23-2	32369	33496	34156	33341	2.71	cps
Strontium	86-1	758	908	1000	889	13.73	cps
Strontium	88-1	1917	2150	1909	1992	6.89	cps
Sulfur	34-1	180372	179577	177435	179128	0.85	cps
Terbium	159-1	8533549	8527220	8713012	8591260	1.23	cps
Terbium	159-2	4113113	4157185	4136265	4135521	0.53	cps
Thallium	203-1	67	42	8	39	75.26	cps
Thallium	205-1	75	58	67	67	12.49	cps
Tin	118-1	3092	3259	3192	3181	2.64	cps
Titanium	47-1	133	192	217	181	23.68	cps
Uranium	238-1	92	108	33	78	50.64	cps
Vanadium	51-2	427	393	350	390	9.86	cps
Yttrium	89-1	5953421	6028039	6037770	6006410	0.77	cps
Yttrium	89-2	781889	786483	786420	784931	0.34	cps
Zinc	66-2	2567	2384	2484	2478	3.70	cps
Zirconium	90-1	542	633	833	669	22.28	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4365-08	Instrumnet Name :	P7
Client Sample ID :	SP17-LITTLETON-ER1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:40:54	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	142	208	161	25.52	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	CCV55	Instrumnet Name :	P7
Client Sample ID :	CCV55	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:44:24	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2108326	2134101	2119640	2120689	0.61	cps
Antimony	121-1	2865220	2883174	2887746	2878713	0.41	cps
Arsenic	75-2	87440	88100	86358	87299	1.01	cps
Barium	135-1	4179489	4191154	4171019	4180554	0.24	cps
Barium	137-1	7363599	7374115	7402009	7379908	0.27	cps
Beryllium	9-1	409999	407332	411185	409505	0.48	cps
Bismuth	209-1	4993963	5073028	5002505	5023165	0.86	cps
Bismuth	209-2	3217761	3239328	3233208	3230099	0.34	cps
Boron	11-1	220137	226765	228786	225230	2.01	cps
Boron	10-1	46088	46715	45419	46074	1.41	cps
Cadmium	106-1	78501	76322	76649	77157	1.52	cps
Cadmium	108-1	49913	50118	49900	49977	0.24	cps
Cadmium	111-1	696745	693464	694010	694740	0.25	cps
Calcium	43-1	4016159	4004219	4025305	4015228	0.26	cps
Calcium	44-1	64554543	64495031	64437597	64495724	0.09	cps
Chromium	52-2	719282	720888	719454	719875	0.12	cps
Cobalt	59-2	1157427	1162491	1156044	1158654	0.29	cps
Copper	63-2	1627844	1634919	1625339	1629368	0.30	cps
Dysprosium	156-1	150	125	150	142	10.19	cps
Dysprosium	156-2	47	47	57	50	11.55	cps
Erbium	164-1	58	25	33	39	44.62	cps
Erbium	164-2	17	23	23	21	18.21	cps
Gadolinium	160-1	50	117	108	92	39.63	cps
Gadolinium	160-2	97	110	47	84	39.54	cps
Holmium	165-1	8247386	8309724	8226193	8261101	0.53	cps
Holmium	165-2	4433808	4454893	4443645	4444116	0.24	cps
Indium	115-1	6037773	6109906	6010952	6052877	0.85	cps
Indium	115-2	1174503	1176982	1180159	1177215	0.24	cps
Iron	56-2	145831531	145916264	145576564	145774787	0.12	cps
Iron	57-2	3619605	3624019	3641708	3628444	0.32	cps
Lead	206-1	2589160	2564681	2565268	2573036	0.54	cps
Lead	207-1	2347359	2321565	2321665	2330196	0.64	cps
Lead	208-1	10608279	10529654	10524128	10554020	0.45	cps
Lithium	6-1	917490	925886	923887	922421	0.48	cps
Magnesium	24-2	24057318	24266896	24131061	24151759	0.44	cps
Manganese	55-2	840189	841646	841951	841262	0.11	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	CCV55	Instrumnet Name :	P7
Client Sample ID :	CCV55	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:44:24	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	2478854	2453296	2455706	2462618	0.57	cps
Molybdenum	94-1	2760908	2740279	2733637	2744941	0.52	cps
Molybdenum	95-1	1522751	1506185	1501975	1510304	0.73	cps
Molybdenum	96-1	1953683	1931024	1935954	1940220	0.61	cps
Molybdenum	97-1	955108	950683	933578	946456	1.20	cps
Neodymium	150-1	433	373	413	407	7.51	cps
Neodymium	150-2	37	40	47	41	12.39	cps
Nickel	60-2	299802	299473	301078	300117	0.28	cps
Phosphorus	31-2	22042	22501	22735	22426	1.57	cps
Potassium	39-2	12850373	12811862	12855363	12839200	0.19	cps
Rhodium	103-1	5174154	5249643	5165869	5196555	0.89	cps
Rhodium	103-2	2310501	2319820	2308586	2312969	0.26	cps
Scandium	45-1	3357039	3367080	3352554	3358891	0.22	cps
Scandium	45-2	131049	132029	131184	131421	0.40	cps
Selenium	77-2	1817	1800	1850	1822	1.40	cps
Selenium	78-2	6096	6142	6227	6155	1.08	cps
Selenium	82-1	42018	41882	42231	42044	0.42	cps
Silicon	28-1	1909779	1944367	1930462	1928203	0.90	cps
Silver	109-1	3351149	3350165	3351866	3351060	0.03	cps
Silver	107-1	3491662	3474893	3479441	3481999	0.25	cps
Sodium	23-2	44160344	44192261	44327003	44226536	0.20	cps
Strontium	86-1	1031922	1020866	1010653	1021147	1.04	cps
Strontium	88-1	9075536	8962292	8899836	8979221	0.99	cps
Sulfur	34-1	409360	411586	412726	411224	0.42	cps
Terbium	159-1	8616004	8668882	8541906	8608931	0.74	cps
Terbium	159-2	4345866	4363744	4343579	4351063	0.25	cps
Thallium	203-1	3178596	3170200	3145366	3164721	0.55	cps
Thallium	205-1	7669301	7624156	7653232	7648896	0.30	cps
Tin	118-1	2615979	2591071	2583054	2596701	0.66	cps
Titanium	47-1	390719	384080	385839	386880	0.89	cps
Uranium	238-1	10955399	10979746	11065953	11000366	0.53	cps
Vanadium	51-2	607134	609984	607209	608109	0.27	cps
Yttrium	89-1	6341887	6376982	6336773	6351881	0.34	cps
Yttrium	89-2	872982	876788	870488	873419	0.36	cps
Zinc	66-2	222779	222911	222589	222759	0.07	cps
Zirconium	90-1	5263593	5239633	5185275	5229500	0.77	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	CCV55	Instrumnet Name :	P7
Client Sample ID :	CCV55	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:44:24	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1149175	1132624	1134650	1138816	0.79	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	CCB55	Instrumnet Name :	P7
Client Sample ID :	CCB55	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:47:52	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	75	33	44	60.28	cps
Antimony	121-1	8161	7319	6493	7324	11.38	cps
Arsenic	75-2	41	37	31	36	12.80	cps
Barium	135-1	67	42	42	50	28.87	cps
Barium	137-1	83	100	58	81	26.03	cps
Beryllium	9-1	567	383	367	439	25.29	cps
Bismuth	209-1	5366496	5349743	5324226	5346822	0.40	cps
Bismuth	209-2	3502667	3506531	3513453	3507551	0.16	cps
Boron	11-1	9161	8378	8469	8669	4.94	cps
Boron	10-1	1984	1850	1642	1825	9.44	cps
Cadmium	106-1	2075	2000	2084	2053	2.24	cps
Cadmium	108-1	13	8	0	7	91.66	cps
Cadmium	111-1	1523	1449	1517	1496	2.77	cps
Calcium	43-1	150	92	167	136	28.94	cps
Calcium	44-1	5418	5551	5201	5390	3.28	cps
Chromium	52-2	273	303	330	302	9.38	cps
Cobalt	59-2	80	93	73	82	12.39	cps
Copper	63-2	2160	2210	2054	2141	3.74	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	42	33	42	39	12.37	cps
Erbium	164-2	13	7	7	9	43.25	cps
Gadolinium	160-1	58	42	42	47	20.38	cps
Gadolinium	160-2	30	63	67	53	38.02	cps
Holmium	165-1	8229650	8243598	8315510	8262919	0.56	cps
Holmium	165-2	4475985	4491908	4475987	4481294	0.21	cps
Indium	115-1	6390500	6349669	6378298	6372822	0.33	cps
Indium	115-2	1250536	1255287	1258640	1254821	0.32	cps
Iron	56-2	8681	8642	9009	8777	2.30	cps
Iron	57-2	378	350	311	346	9.67	cps
Lead	206-1	856	939	983	926	7.01	cps
Lead	207-1	939	850	845	878	6.04	cps
Lead	208-1	3600	3717	3889	3736	3.89	cps
Lithium	6-1	981352	980877	977725	979985	0.20	cps
Magnesium	24-2	867	1033	1025	975	9.63	cps
Manganese	55-2	270	220	227	239	11.36	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	CCB55	Instrumnet Name :	P7
Client Sample ID :	CCB55	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:47:52	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1675	1559	1534	1589	4.76	cps
Molybdenum	94-1	1167	1167	1133	1156	1.67	cps
Molybdenum	95-1	1283	1042	958	1095	15.42	cps
Molybdenum	96-1	1375	1125	1108	1203	12.42	cps
Molybdenum	97-1	675	683	617	658	5.52	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1050	957	917	974	7.02	cps
Phosphorus	31-2	100	125	75	100	25.00	cps
Potassium	39-2	21316	21241	21550	21369	0.75	cps
Rhodium	103-1	5675128	5641537	5604544	5640403	0.63	cps
Rhodium	103-2	2529585	2530382	2537701	2532556	0.18	cps
Scandium	45-1	3397700	3410124	3403662	3403829	0.18	cps
Scandium	45-2	131540	134123	132892	132852	0.97	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	59	41	61	54	20.98	cps
Selenium	82-1	52	9	-26	11	344.22	cps
Silicon	28-1	244841	245953	245427	245407	0.23	cps
Silver	109-1	750	575	583	636	15.52	cps
Silver	107-1	650	750	633	678	9.31	cps
Sodium	23-2	22384	21341	21975	21900	2.40	cps
Strontium	86-1	683	642	775	700	9.75	cps
Strontium	88-1	750	750	850	783	7.37	cps
Sulfur	34-1	191448	191321	192681	191816	0.39	cps
Terbium	159-1	8802989	8731740	8652850	8729193	0.86	cps
Terbium	159-2	4407625	4429673	4414090	4417129	0.26	cps
Thallium	203-1	417	233	325	325	28.20	cps
Thallium	205-1	683	592	600	625	8.11	cps
Tin	118-1	2659	2650	2584	2631	1.56	cps
Titanium	47-1	158	142	75	125	35.28	cps
Uranium	238-1	475	275	292	347	31.96	cps
Vanadium	51-2	43	73	40	52	35.15	cps
Yttrium	89-1	6367358	6371148	6433564	6390690	0.58	cps
Yttrium	89-2	892034	894624	890683	892447	0.22	cps
Zinc	66-2	233	307	327	289	17.01	cps
Zirconium	90-1	1900	1575	1667	1714	9.78	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	CCB55	Instrumnet Name :	P7
Client Sample ID :	CCB55	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:47:52	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	408	392	342	381	9.12	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4365-08DUP	Instrumnet Name :	P7
Client Sample ID :	SP17-LITTLETON-ER1D	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:51:22	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	75	117	92	24.05	cps
Antimony	121-1	18405	15985	15918	16769	8.45	cps
Arsenic	75-2	67	61	48	59	16.21	cps
Barium	135-1	300	250	333	294	14.25	cps
Barium	137-1	533	425	417	458	14.20	cps
Beryllium	9-1	244	206	217	222	9.01	cps
Bismuth	209-1	5357392	5306641	5291441	5318491	0.65	cps
Bismuth	209-2	3305909	3308144	3311087	3308380	0.08	cps
Boron	11-1	5585	4968	4843	5132	7.74	cps
Boron	10-1	1158	1125	1050	1111	4.99	cps
Cadmium	106-1	1892	1533	1842	1756	11.05	cps
Cadmium	108-1	50	54	25	43	36.64	cps
Cadmium	111-1	1485	1236	1455	1392	9.79	cps
Calcium	43-1	417	408	292	372	18.78	cps
Calcium	44-1	8578	9028	9496	9034	5.08	cps
Chromium	52-2	1623	1657	1547	1609	3.51	cps
Cobalt	59-2	83	83	80	82	2.35	cps
Copper	63-2	9013	8913	8946	8957	0.57	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	17	25	22	21.64	cps
Erbium	164-2	10	10	13	11	17.30	cps
Gadolinium	160-1	50	83	8	47	79.58	cps
Gadolinium	160-2	80	50	57	62	25.32	cps
Holmium	165-1	7843374	7931577	7946085	7907012	0.70	cps
Holmium	165-2	4122493	4127209	4128620	4126107	0.08	cps
Indium	115-1	6074967	6070351	6083697	6076339	0.11	cps
Indium	115-2	1128439	1124651	1132649	1128580	0.35	cps
Iron	56-2	11460	11638	11310	11470	1.43	cps
Iron	57-2	272	300	328	300	9.26	cps
Lead	206-1	1789	1695	1678	1721	3.48	cps
Lead	207-1	1461	1567	1550	1526	3.72	cps
Lead	208-1	7279	7006	6890	7058	2.83	cps
Lithium	6-1	1009970	1009231	1014911	1011371	0.31	cps
Magnesium	24-2	1075	1133	1167	1125	4.12	cps
Manganese	55-2	370	357	377	368	2.77	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4365-08DUP	Instrumnet Name :	P7
Client Sample ID :	SP17-LITTLETON-ER1D	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:51:22	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	592	800	742	711	15.12	cps
Molybdenum	94-1	1759	1467	1525	1583	9.75	cps
Molybdenum	95-1	358	400	325	361	10.41	cps
Molybdenum	96-1	867	567	717	717	20.93	cps
Molybdenum	97-1	325	342	275	314	11.05	cps
Neodymium	150-1	13	27	7	16	65.47	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1037	1120	1077	1078	3.87	cps
Phosphorus	31-2	133	50	58	81	56.97	cps
Potassium	39-2	19330	19664	19280	19425	1.07	cps
Rhodium	103-1	5172993	5194626	5203362	5190327	0.30	cps
Rhodium	103-2	2285290	2284390	2298030	2289236	0.33	cps
Scandium	45-1	2966021	2961652	2948037	2958570	0.32	cps
Scandium	45-2	111536	111761	111260	111519	0.22	cps
Selenium	77-2	10	20	3	11	75.52	cps
Selenium	78-2	44	52	52	49	8.66	cps
Selenium	82-1	5	62	-4	21	170.26	cps
Silicon	28-1	254066	251208	247104	250793	1.40	cps
Silver	109-1	2909	2500	2375	2595	10.75	cps
Silver	107-1	2900	2859	2575	2778	6.37	cps
Sodium	23-2	34173	34658	34741	34524	0.89	cps
Strontium	86-1	717	800	883	800	10.42	cps
Strontium	88-1	1775	1767	1642	1728	4.32	cps
Sulfur	34-1	170583	168991	168047	169207	0.76	cps
Terbium	159-1	8289880	8345794	8421052	8352242	0.79	cps
Terbium	159-2	4064506	4049360	4075150	4063005	0.32	cps
Thallium	203-1	267	267	208	247	13.62	cps
Thallium	205-1	792	608	492	631	23.98	cps
Tin	118-1	4626	4851	4568	4682	3.20	cps
Titanium	47-1	133	192	175	167	18.03	cps
Uranium	238-1	167	158	158	161	2.99	cps
Vanadium	51-2	353	360	480	398	17.92	cps
Yttrium	89-1	5860436	5920268	5874086	5884930	0.53	cps
Yttrium	89-2	783046	779080	785631	782586	0.42	cps
Zinc	66-2	2440	2600	2517	2519	3.18	cps
Zirconium	90-1	4368	3976	3742	4029	7.84	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4365-08DUP	Instrumnet Name :	P7
Client Sample ID :	SP17-LITTLETON-ER1D	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:51:22	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1125	867	808	933	18.06	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4365-08LX5	Instrumnet Name :	P7
Client Sample ID :	SP17-LITTLETON-ER1L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-25 16:54:52	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	33	33	33	0.00	cps
Antimony	121-1	4159	3709	3634	3834	7.41	cps
Arsenic	75-2	11	26	13	17	48.45	cps
Barium	135-1	92	50	58	67	33.07	cps
Barium	137-1	83	92	83	86	5.58	cps
Beryllium	9-1	183	239	178	200	16.90	cps
Bismuth	209-1	5364453	5386622	5346425	5365833	0.38	cps
Bismuth	209-2	3424166	3413589	3412231	3416662	0.19	cps
Boron	11-1	3542	3651	3492	3562	2.27	cps
Boron	10-1	825	642	850	772	14.73	cps
Cadmium	106-1	2042	2192	1992	2075	5.02	cps
Cadmium	108-1	13	4	0	6	114.53	cps
Cadmium	111-1	1441	1556	1403	1467	5.45	cps
Calcium	43-1	225	233	275	244	10.96	cps
Calcium	44-1	6418	6927	7269	6871	6.23	cps
Chromium	52-2	607	643	580	610	5.21	cps
Cobalt	59-2	70	80	27	59	48.14	cps
Copper	63-2	3744	3724	3694	3721	0.68	cps
Dysprosium	156-1	25	17	8	17	50.01	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	50	8	17	25	88.19	cps
Erbium	164-2	3	10	3	6	69.34	cps
Gadolinium	160-1	67	67	33	56	34.65	cps
Gadolinium	160-2	50	70	43	54	25.49	cps
Holmium	165-1	8231808	8255336	8230766	8239303	0.17	cps
Holmium	165-2	4352892	4371820	4393787	4372833	0.47	cps
Indium	115-1	6369348	6338706	6314605	6340886	0.43	cps
Indium	115-2	1198216	1205537	1213128	1205627	0.62	cps
Iron	56-2	7435	6802	7119	7119	4.45	cps
Iron	57-2	306	178	261	248	26.14	cps
Lead	206-1	828	822	833	828	0.67	cps
Lead	207-1	717	678	717	704	3.19	cps
Lead	208-1	3411	3234	3334	3326	2.68	cps
Lithium	6-1	962229	961632	952028	958630	0.60	cps
Magnesium	24-2	1167	1183	1217	1189	2.14	cps
Manganese	55-2	317	290	257	288	10.45	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4365-08LX5	Instrumnet Name :	P7
Client Sample ID :	SP17-LITTLETON-ER1L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-25 16:54:52	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	233	417	342	331	27.88	cps
Molybdenum	94-1	533	417	517	489	12.91	cps
Molybdenum	95-1	150	242	192	194	23.60	cps
Molybdenum	96-1	325	192	308	275	26.42	cps
Molybdenum	97-1	242	100	100	147	55.55	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1107	1060	963	1043	7.01	cps
Phosphorus	31-2	100	117	100	106	9.12	cps
Potassium	39-2	20607	19539	20223	20123	2.69	cps
Rhodium	103-1	5597340	5578436	5531010	5568929	0.61	cps
Rhodium	103-2	2451331	2464264	2463990	2459862	0.30	cps
Scandium	45-1	3259597	3239957	3241624	3247060	0.34	cps
Scandium	45-2	123369	124195	124323	123962	0.42	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	43	41	43	42	2.54	cps
Selenium	82-1	27	-48	-17	-13	-291.91	cps
Silicon	28-1	238646	236425	238424	237832	0.51	cps
Silver	109-1	825	733	667	742	10.72	cps
Silver	107-1	950	958	850	920	6.56	cps
Sodium	23-2	21282	20824	21157	21088	1.12	cps
Strontium	86-1	733	700	625	686	8.09	cps
Strontium	88-1	892	817	850	853	4.41	cps
Sulfur	34-1	183865	178431	185188	182494	1.96	cps
Terbium	159-1	8745645	8814928	8734367	8764980	0.50	cps
Terbium	159-2	4296408	4313238	4329341	4312995	0.38	cps
Thallium	203-1	58	67	67	64	7.53	cps
Thallium	205-1	167	108	183	153	25.78	cps
Tin	118-1	1283	1358	1267	1303	3.75	cps
Titanium	47-1	100	125	92	106	16.44	cps
Uranium	238-1	92	67	50	69	30.20	cps
Vanadium	51-2	130	130	153	138	9.78	cps
Yttrium	89-1	6247949	6327733	6278525	6284736	0.64	cps
Yttrium	89-2	847214	851830	854234	851092	0.42	cps
Zinc	66-2	600	623	727	650	10.37	cps
Zirconium	90-1	1000	1058	1133	1064	6.28	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4365-08LX5	Instrumnet Name :	P7
Client Sample ID :	SP17-LITTLETON-ER1L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-25 16:54:52	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	275	142	342	253	40.29	cps

LB Number : LB89007 Operator : Jaswal
 Lab Sample ID : I4365-08MS Instrumnet Name : P7
 Client Sample ID : SP17-LITTLETON-ER1M Dilution Factor : 1
 Date & Time Acquired :: 2017-07-25 16:58:22 DataFile Name : 044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	349060	349894	349523	349492	0.12	cps
Antimony	121-1	3254739	3285280	3298300	3279440	0.68	cps
Arsenic	75-2	83799	84024	84663	84162	0.53	cps
Barium	135-1	4102539	4119641	4134635	4118938	0.39	cps
Barium	137-1	7259477	7267664	7324010	7283717	0.48	cps
Beryllium	9-1	369161	367699	369461	368774	0.26	cps
Bismuth	209-1	5212218	5191698	5190932	5198283	0.23	cps
Bismuth	209-2	3181578	3188021	3205182	3191594	0.38	cps
Boron	11-1	196669	199297	203146	199704	1.63	cps
Boron	10-1	41148	39486	39544	40060	2.35	cps
Cadmium	106-1	78894	79925	80228	79683	0.88	cps
Cadmium	108-1	52309	52522	52438	52423	0.21	cps
Cadmium	111-1	726417	726549	733139	728702	0.53	cps
Calcium	43-1	734514	741572	733607	736565	0.59	cps
Calcium	44-1	11966622	11993563	12021287	11993824	0.23	cps
Chromium	52-2	676916	670000	675622	674179	0.55	cps
Cobalt	59-2	1119193	1121606	1123703	1121500	0.20	cps
Copper	63-2	1599390	1593580	1600556	1597842	0.23	cps
Dysprosium	156-1	108	242	192	181	37.31	cps
Dysprosium	156-2	53	47	50	50	6.66	cps
Erbium	164-1	3726	3601	3401	3576	4.59	cps
Erbium	164-2	1907	1800	1837	1848	2.93	cps
Gadolinium	160-1	308	408	425	381	16.58	cps
Gadolinium	160-2	227	230	187	214	11.25	cps
Holmium	165-1	8006339	7997857	8163636	8055944	1.16	cps
Holmium	165-2	4165071	4172073	4167169	4168104	0.09	cps
Indium	115-1	5915114	5900641	5924076	5913277	0.20	cps
Indium	115-2	1085499	1086731	1084422	1085551	0.11	cps
Iron	56-2	27399067	27248103	27353314	27333495	0.28	cps
Iron	57-2	669809	669180	670073	669687	0.07	cps
Lead	206-1	2695253	2711475	2756196	2720975	1.16	cps
Lead	207-1	2450796	2472898	2488432	2470709	0.77	cps
Lead	208-1	11091816	11142465	11237089	11157123	0.66	cps
Lithium	6-1	973921	977139	982163	977741	0.42	cps
Magnesium	24-2	4129438	4108963	4120375	4119592	0.25	cps
Manganese	55-2	750441	749929	748370	749580	0.14	cps

LB Number : LB89007 Operator : Jaswal
 Lab Sample ID : I4365-08MS Instrumnet Name : P7
 Client Sample ID : SP17-LITTLETON-ER1M Dilution Factor : 1
 Date & Time Acquired :: 2017-07-25 16:58:22 DataFile Name : 044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	2343304	2354557	2357596	2351819	0.32	cps
Molybdenum	94-1	2790827	2802203	2809819	2800950	0.34	cps
Molybdenum	95-1	1442352	1444595	1452740	1446562	0.38	cps
Molybdenum	96-1	1868798	1888077	1894962	1883946	0.72	cps
Molybdenum	97-1	901410	900422	910457	904096	0.61	cps
Neodymium	150-1	287	413	413	371	19.71	cps
Neodymium	150-2	13	20	17	17	20.01	cps
Nickel	60-2	297042	295117	298270	296810	0.54	cps
Phosphorus	31-2	83	67	50	67	25.00	cps
Potassium	39-2	2244284	2223850	2241660	2236598	0.50	cps
Rhodium	103-1	5104879	5106261	5107591	5106244	0.03	cps
Rhodium	103-2	2220655	2217883	2226243	2221593	0.19	cps
Scandium	45-1	2986424	2979134	2977151	2980903	0.16	cps
Scandium	45-2	111616	111908	112221	111915	0.27	cps
Selenium	77-2	1623	1753	1693	1690	3.85	cps
Selenium	78-2	5973	5577	5707	5752	3.51	cps
Selenium	82-1	42387	42576	42971	42645	0.70	cps
Silicon	28-1	1609098	1602948	1610821	1607622	0.26	cps
Silver	109-1	3415053	3416847	3423805	3418568	0.14	cps
Silver	107-1	3543702	3546245	3570074	3553340	0.41	cps
Sodium	23-2	7982526	8029423	8027767	8013239	0.33	cps
Strontium	86-1	7536	8019	8011	7855	3.52	cps
Strontium	88-1	65115	65710	64780	65202	0.72	cps
Sulfur	34-1	166556	163698	163496	164583	1.04	cps
Terbium	159-1	8233253	8424866	8351799	8336639	1.16	cps
Terbium	159-2	4067770	4083098	4071084	4073984	0.20	cps
Thallium	203-1	3379768	3398911	3460408	3413029	1.23	cps
Thallium	205-1	8057625	8180547	8300499	8179557	1.48	cps
Tin	118-1	2458279	2472253	2496180	2475570	0.77	cps
Titanium	47-1	344149	347371	345586	345702	0.47	cps
Uranium	238-1	11031618	11267318	11375758	11224898	1.57	cps
Vanadium	51-2	555157	552564	554522	554081	0.24	cps
Yttrium	89-1	5879082	6001202	5984638	5954974	1.11	cps
Yttrium	89-2	779056	778596	782733	780128	0.29	cps
Zinc	66-2	207771	208829	208523	208375	0.26	cps
Zirconium	90-1	5472605	5472718	5516779	5487367	0.46	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4365-08MS	Instrumnet Name :	P7
Client Sample ID :	SP17-LITTLETON-ER1M	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 16:58:22	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1192079	1194015	1209246	1198447	0.78	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4365-08MSD	Instrumnet Name :	P7
Client Sample ID :	SP17-LITTLETON-ER1M	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:01:50	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	345880	343470	338398	342583	1.11	cps
Antimony	121-1	3195180	3224486	3238126	3219264	0.68	cps
Arsenic	75-2	82473	82404	81586	82154	0.60	cps
Barium	135-1	4027199	4031733	4078484	4045805	0.70	cps
Barium	137-1	7053392	7171415	7197660	7140822	1.08	cps
Beryllium	9-1	357119	353945	357696	356253	0.57	cps
Bismuth	209-1	5029590	5040685	5048939	5039738	0.19	cps
Bismuth	209-2	3099883	3116446	3103500	3106610	0.28	cps
Boron	11-1	201376	201658	204411	202482	0.83	cps
Boron	10-1	39661	40731	40781	40391	1.57	cps
Cadmium	106-1	78157	78165	78644	78322	0.36	cps
Cadmium	108-1	51092	51376	52058	51509	0.96	cps
Cadmium	111-1	708286	714355	719849	714163	0.81	cps
Calcium	43-1	740787	740645	742967	741466	0.18	cps
Calcium	44-1	12203685	12217453	12227958	12216365	0.10	cps
Chromium	52-2	659454	662595	661026	661025	0.24	cps
Cobalt	59-2	1100527	1098404	1098554	1099162	0.11	cps
Copper	63-2	1562436	1563884	1560782	1562367	0.10	cps
Dysprosium	156-1	167	133	108	136	21.50	cps
Dysprosium	156-2	63	47	40	50	24.04	cps
Erbium	164-1	3567	3751	3726	3681	2.70	cps
Erbium	164-2	1910	1934	1820	1888	3.17	cps
Gadolinium	160-1	308	342	358	336	7.58	cps
Gadolinium	160-2	230	217	187	211	10.51	cps
Holmium	165-1	7786250	7886433	7915611	7862765	0.86	cps
Holmium	165-2	4046706	4077922	4043079	4055902	0.47	cps
Indium	115-1	5709598	5710031	5739342	5719657	0.30	cps
Indium	115-2	1054393	1058363	1050162	1054306	0.39	cps
Iron	56-2	26824608	26641917	26654188	26706904	0.38	cps
Iron	57-2	650841	652842	652189	651957	0.16	cps
Lead	206-1	2666354	2679479	2703500	2683111	0.70	cps
Lead	207-1	2397515	2415923	2450830	2421422	1.12	cps
Lead	208-1	10883411	10990956	11073182	10982516	0.87	cps
Lithium	6-1	938251	935384	939851	937829	0.24	cps
Magnesium	24-2	4196495	4201717	4181341	4193184	0.25	cps
Manganese	55-2	732113	733576	732930	732873	0.10	cps

LB Number : LB89007 Operator : Jaswal
 Lab Sample ID : I4365-08MSD Instrumnet Name : P7
 Client Sample ID : SP17-LITTLETON-ER1M Dilution Factor : 1
 Date & Time Acquired :: 2017-07-25 17:01:50 DataFile Name : 045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	2289158	2295362	2326730	2303750	0.87	cps
Molybdenum	94-1	2733119	2733146	2764260	2743508	0.66	cps
Molybdenum	95-1	1415504	1416088	1426522	1419371	0.44	cps
Molybdenum	96-1	1842375	1837152	1860741	1846756	0.67	cps
Molybdenum	97-1	887830	878874	900145	888949	1.20	cps
Neodymium	150-1	453	360	433	416	11.83	cps
Neodymium	150-2	27	37	13	26	45.82	cps
Nickel	60-2	290762	288691	290052	289835	0.36	cps
Phosphorus	31-2	67	33	83	61	41.67	cps
Potassium	39-2	2191129	2195305	2179071	2188502	0.39	cps
Rhodium	103-1	4911862	4916421	4960675	4929653	0.55	cps
Rhodium	103-2	2169602	2171430	2150994	2164008	0.52	cps
Scandium	45-1	2874835	2881340	2882405	2879526	0.14	cps
Scandium	45-2	107641	108745	108208	108198	0.51	cps
Selenium	77-2	1517	1807	1670	1665	8.72	cps
Selenium	78-2	5809	5716	5599	5708	1.84	cps
Selenium	82-1	41256	41262	41936	41485	0.94	cps
Silicon	28-1	1556756	1564803	1573518	1565026	0.54	cps
Silver	109-1	3314230	3346881	3360188	3340433	0.71	cps
Silver	107-1	3427036	3461125	3471395	3453185	0.67	cps
Sodium	23-2	7855424	7929350	7825060	7869945	0.68	cps
Strontium	86-1	7577	8078	8436	8030	5.37	cps
Strontium	88-1	66128	64605	66354	65696	1.45	cps
Sulfur	34-1	159842	158132	159555	159176	0.58	cps
Terbium	159-1	8173131	8180679	8335633	8229814	1.11	cps
Terbium	159-2	3976328	3982989	3979718	3979678	0.08	cps
Thallium	203-1	3339365	3362912	3392011	3364763	0.78	cps
Thallium	205-1	8060642	8129272	8206353	8132089	0.90	cps
Tin	118-1	2420507	2436999	2444264	2433923	0.50	cps
Titanium	47-1	337261	337458	335439	336719	0.33	cps
Uranium	238-1	11057157	11127498	11190457	11125037	0.60	cps
Vanadium	51-2	545677	542101	543431	543736	0.33	cps
Yttrium	89-1	5801704	5733253	5787327	5774095	0.63	cps
Yttrium	89-2	759544	756222	758512	758093	0.22	cps
Zinc	66-2	203544	204263	204959	204255	0.35	cps
Zirconium	90-1	5363242	5350389	5391477	5368369	0.39	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4365-08MSD	Instrumnet Name :	P7
Client Sample ID :	SP17-LITTLETON-ER1M	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:01:50	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1178152	1168216	1170881	1172416	0.44	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4365-08A	Instrumnet Name :	P7
Client Sample ID :	SP17-LITTLETON-ER1A	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:05:18	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	340401	337617	337336	338452	0.50	cps
Antimony	121-1	3326973	3278353	3329595	3311640	0.87	cps
Arsenic	75-2	83508	82095	82050	82551	1.00	cps
Barium	135-1	4147666	4122182	4184599	4151482	0.76	cps
Barium	137-1	7290738	7284472	7399887	7325032	0.89	cps
Beryllium	9-1	363020	362081	366992	364031	0.72	cps
Bismuth	209-1	5215314	5168839	5234517	5206223	0.65	cps
Bismuth	209-2	3145905	3122613	3102422	3123647	0.70	cps
Boron	11-1	202784	204455	206213	204484	0.84	cps
Boron	10-1	41098	40697	42017	41271	1.64	cps
Cadmium	106-1	79482	81250	80412	80381	1.10	cps
Cadmium	108-1	52999	52108	53902	53003	1.69	cps
Cadmium	111-1	731210	731324	741507	734680	0.80	cps
Calcium	43-1	751833	745728	752552	750038	0.50	cps
Calcium	44-1	12217632	12138694	12234826	12197050	0.42	cps
Chromium	52-2	664469	658289	657827	660195	0.56	cps
Cobalt	59-2	1105119	1095838	1097640	1099533	0.45	cps
Copper	63-2	1581431	1561057	1560372	1567620	0.76	cps
Dysprosium	156-1	117	167	133	139	18.33	cps
Dysprosium	156-2	57	33	37	42	29.89	cps
Erbium	164-1	3809	4026	3692	3842	4.40	cps
Erbium	164-2	1830	1787	1797	1805	1.26	cps
Gadolinium	160-1	375	392	333	367	8.20	cps
Gadolinium	160-2	237	157	207	200	20.21	cps
Holmium	165-1	8059578	8196668	8242600	8166282	1.17	cps
Holmium	165-2	4116335	4073385	4075526	4088415	0.59	cps
Indium	115-1	5953657	5885638	5959887	5933061	0.69	cps
Indium	115-2	1068343	1056217	1056584	1060381	0.65	cps
Iron	56-2	27102758	26693834	26875892	26890828	0.76	cps
Iron	57-2	662245	651578	656912	656911	0.81	cps
Lead	206-1	2748685	2745752	2784964	2759801	0.79	cps
Lead	207-1	2495520	2482560	2526811	2501630	0.91	cps
Lead	208-1	11312129	11252825	11430755	11331903	0.80	cps
Lithium	6-1	950239	948308	957568	952038	0.51	cps
Magnesium	24-2	4140118	4115682	4100185	4118662	0.49	cps
Manganese	55-2	740279	730869	731173	734107	0.73	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4365-08A	Instrumnet Name :	P7
Client Sample ID :	SP17-LITTLETON-ER1A	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:05:18	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	2349566	2361286	2376510	2362454	0.57	cps
Molybdenum	94-1	2810848	2791808	2834804	2812487	0.77	cps
Molybdenum	95-1	1455320	1453945	1469859	1459708	0.60	cps
Molybdenum	96-1	1904109	1902449	1905078	1903879	0.07	cps
Molybdenum	97-1	911224	908431	915521	911725	0.39	cps
Neodymium	150-1	300	373	327	333	11.13	cps
Neodymium	150-2	33	37	30	33	10.01	cps
Nickel	60-2	292179	289871	290921	290990	0.40	cps
Phosphorus	31-2	67	83	58	69	18.33	cps
Potassium	39-2	2196591	2175605	2174249	2182148	0.57	cps
Rhodium	103-1	5107532	5081924	5122139	5103865	0.40	cps
Rhodium	103-2	2190595	2166368	2171463	2176142	0.59	cps
Scandium	45-1	2951886	2941995	2950695	2948192	0.18	cps
Scandium	45-2	110259	109064	109662	109662	0.54	cps
Selenium	77-2	1690	1590	1697	1659	3.60	cps
Selenium	78-2	5679	5496	5577	5584	1.65	cps
Selenium	82-1	42365	42845	43399	42870	1.21	cps
Silicon	28-1	1594642	1582476	1588338	1588485	0.38	cps
Silver	109-1	3448585	3425949	3462476	3445670	0.54	cps
Silver	107-1	3561865	3547818	3595641	3568441	0.69	cps
Sodium	23-2	7904905	7801019	7814887	7840270	0.72	cps
Strontium	86-1	8328	8453	8111	8297	2.08	cps
Strontium	88-1	66605	65793	68321	66906	1.93	cps
Sulfur	34-1	160732	159128	160313	160058	0.52	cps
Terbium	159-1	8513261	8475166	8624327	8537585	0.91	cps
Terbium	159-2	4025220	3995990	3985561	4002257	0.51	cps
Thallium	203-1	3457292	3465404	3486343	3469680	0.43	cps
Thallium	205-1	8274174	8303798	8430413	8336128	1.00	cps
Tin	118-1	2519327	2477123	2518401	2504950	0.96	cps
Titanium	47-1	344387	346264	344461	345037	0.31	cps
Uranium	238-1	11470435	11391927	11628410	11496924	1.05	cps
Vanadium	51-2	546237	543169	542582	543996	0.36	cps
Yttrium	89-1	5973101	5936062	6043434	5984199	0.91	cps
Yttrium	89-2	768484	763628	756423	762845	0.80	cps
Zinc	66-2	207383	205625	205676	206228	0.49	cps
Zirconium	90-1	5499213	5485200	5535135	5506516	0.47	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	I4365-08A	Instrumnet Name :	P7
Client Sample ID :	SP17-LITTLETON-ER1A	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:05:18	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1189067	1193135	1211003	1197735	0.97	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	CCV56	Instrumnet Name :	P7
Client Sample ID :	CCV56	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:08:47	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1964903	1970310	1983050	1972754	0.47	cps
Antimony	121-1	2761793	2711770	2707987	2727183	1.10	cps
Arsenic	75-2	81182	82175	81957	81771	0.64	cps
Barium	135-1	4058375	3970313	3951103	3993264	1.43	cps
Barium	137-1	7186306	7028687	7006060	7073684	1.39	cps
Beryllium	9-1	391326	388141	386754	388741	0.60	cps
Bismuth	209-1	4978098	4855844	4824208	4886050	1.66	cps
Bismuth	209-2	3080335	3099310	3105994	3095213	0.43	cps
Boron	11-1	226392	222410	226899	225234	1.09	cps
Boron	10-1	46021	45887	46372	46093	0.54	cps
Cadmium	106-1	75108	72913	73055	73692	1.67	cps
Cadmium	108-1	48947	48625	47818	48463	1.20	cps
Cadmium	111-1	673643	665376	653349	664123	1.54	cps
Calcium	43-1	3833761	3777458	3748016	3786412	1.15	cps
Calcium	44-1	61938453	60999295	60380483	61106077	1.28	cps
Chromium	52-2	667248	678610	674370	673410	0.85	cps
Cobalt	59-2	1078124	1078946	1082314	1079795	0.21	cps
Copper	63-2	1519876	1526234	1518768	1521626	0.26	cps
Dysprosium	156-1	192	150	158	167	13.23	cps
Dysprosium	156-2	63	80	60	68	15.81	cps
Erbium	164-1	50	67	42	53	24.12	cps
Erbium	164-2	20	17	40	26	49.38	cps
Gadolinium	160-1	100	83	75	86	14.79	cps
Gadolinium	160-2	73	100	93	89	15.61	cps
Holmium	165-1	8251661	8036992	8003889	8097514	1.66	cps
Holmium	165-2	4238435	4253681	4250518	4247545	0.19	cps
Indium	115-1	5997520	5879098	5828649	5901756	1.47	cps
Indium	115-2	1118644	1122991	1123655	1121763	0.24	cps
Iron	56-2	136431206	136657642	136190400	136426416	0.17	cps
Iron	57-2	3347912	3365244	3362724	3358627	0.28	cps
Lead	206-1	2497674	2471478	2435858	2468337	1.26	cps
Lead	207-1	2269361	2217241	2197728	2228110	1.66	cps
Lead	208-1	10266573	10079444	9961830	10102616	1.52	cps
Lithium	6-1	901108	890395	887583	893029	0.80	cps
Magnesium	24-2	22491760	22696893	22889022	22692558	0.88	cps
Manganese	55-2	783367	787013	784169	784850	0.24	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	CCV56	Instrumnet Name :	P7
Client Sample ID :	CCV56	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:08:47	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	2363971	2322005	2298684	2328220	1.42	cps
Molybdenum	94-1	2658599	2607627	2577293	2614506	1.57	cps
Molybdenum	95-1	1465433	1442512	1427916	1445287	1.31	cps
Molybdenum	96-1	1864617	1864629	1822687	1850644	1.31	cps
Molybdenum	97-1	912277	899860	888089	900075	1.34	cps
Neodymium	150-1	413	380	367	387	6.22	cps
Neodymium	150-2	70	60	73	68	10.24	cps
Nickel	60-2	278931	279349	281145	279808	0.42	cps
Phosphorus	31-2	20148	20665	20765	20526	1.61	cps
Potassium	39-2	11954805	12027842	11900128	11960925	0.54	cps
Rhodium	103-1	5112878	5059392	4979752	5050674	1.33	cps
Rhodium	103-2	2209269	2223918	2220978	2218055	0.35	cps
Scandium	45-1	3257472	3212471	3182203	3217382	1.18	cps
Scandium	45-2	124457	125206	124790	124818	0.30	cps
Selenium	77-2	1683	1640	1613	1646	2.15	cps
Selenium	78-2	5586	5555	5886	5676	3.23	cps
Selenium	82-1	40571	40059	39568	40066	1.25	cps
Silicon	28-1	1835067	1822419	1815016	1824167	0.56	cps
Silver	109-1	3245414	3197654	3156733	3199933	1.39	cps
Silver	107-1	3364401	3315945	3292623	3324323	1.10	cps
Sodium	23-2	41369151	41684311	41584680	41546047	0.39	cps
Strontium	86-1	972938	966249	952404	963864	1.09	cps
Strontium	88-1	8711090	8569936	8568497	8616508	0.95	cps
Sulfur	34-1	389965	394534	389691	391397	0.70	cps
Terbium	159-1	8659479	8470064	8274577	8468040	2.27	cps
Terbium	159-2	4174935	4154531	4181973	4170480	0.34	cps
Thallium	203-1	3075407	3011101	2983477	3023329	1.56	cps
Thallium	205-1	7417660	7309515	7233123	7320099	1.27	cps
Tin	118-1	2533661	2475979	2456955	2488865	1.60	cps
Titanium	47-1	368864	359851	362147	363621	1.29	cps
Uranium	238-1	10592333	10542295	10402908	10512512	0.93	cps
Vanadium	51-2	561426	565525	567203	564718	0.53	cps
Yttrium	89-1	6265662	6168023	6101047	6178244	1.34	cps
Yttrium	89-2	831991	834181	832900	833024	0.13	cps
Zinc	66-2	206021	209941	207833	207932	0.94	cps
Zirconium	90-1	5008525	4922397	4874850	4935257	1.37	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	CCV56	Instrumnet Name :	P7
Client Sample ID :	CCV56	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:08:47	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1104118	1081491	1074128	1086579	1.44	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	CCB56	Instrumnet Name :	P7
Client Sample ID :	CCB56	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:12:14	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	42	67	53	24.12	cps
Antimony	121-1	7819	6844	6910	7191	7.58	cps
Arsenic	75-2	24	26	24	25	4.35	cps
Barium	135-1	100	92	58	83	26.45	cps
Barium	137-1	125	125	142	131	7.37	cps
Beryllium	9-1	811	850	783	815	4.11	cps
Bismuth	209-1	5355458	5301321	5330745	5329175	0.51	cps
Bismuth	209-2	3451673	3432112	3446505	3443430	0.29	cps
Boron	11-1	14908	14424	14107	14480	2.79	cps
Boron	10-1	3075	2900	2984	2987	2.93	cps
Cadmium	106-1	2109	2200	2259	2189	3.46	cps
Cadmium	108-1	13	21	8	14	45.83	cps
Cadmium	111-1	1534	1630	1625	1596	3.39	cps
Calcium	43-1	108	125	142	125	13.33	cps
Calcium	44-1	4959	5385	5134	5159	4.14	cps
Chromium	52-2	310	263	327	300	10.94	cps
Cobalt	59-2	183	110	113	136	30.55	cps
Copper	63-2	2017	1787	1847	1883	6.34	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	33	33	50	39	24.75	cps
Erbium	164-2	7	20	3	10	88.20	cps
Gadolinium	160-1	75	42	58	58	28.57	cps
Gadolinium	160-2	93	70	50	71	30.50	cps
Holmium	165-1	8225244	8240802	8196913	8220986	0.27	cps
Holmium	165-2	4394264	4402955	4394848	4397356	0.11	cps
Indium	115-1	6328295	6427805	6373669	6376590	0.78	cps
Indium	115-2	1230913	1228018	1232892	1230608	0.20	cps
Iron	56-2	9303	9331	9125	9253	1.21	cps
Iron	57-2	300	244	383	309	22.61	cps
Lead	206-1	1100	1239	1078	1139	7.67	cps
Lead	207-1	1045	1067	1089	1067	2.08	cps
Lead	208-1	4734	4912	4489	4712	4.50	cps
Lithium	6-1	967340	963865	973774	968326	0.52	cps
Magnesium	24-2	825	767	867	820	6.13	cps
Manganese	55-2	240	337	287	288	16.80	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	CCB56	Instrumnet Name :	P7
Client Sample ID :	CCB56	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:12:14	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1850	1859	1842	1850	0.45	cps
Molybdenum	94-1	1367	1292	1075	1245	12.17	cps
Molybdenum	95-1	1133	1225	1008	1122	9.69	cps
Molybdenum	96-1	1258	1342	1175	1258	6.62	cps
Molybdenum	97-1	658	750	683	697	6.80	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	973	920	873	922	5.43	cps
Phosphorus	31-2	58	67	58	61	7.87	cps
Potassium	39-2	21141	20557	20965	20888	1.44	cps
Rhodium	103-1	5602057	5580441	5589652	5590717	0.19	cps
Rhodium	103-2	2503671	2495444	2489909	2496341	0.28	cps
Scandium	45-1	3379518	3384587	3407714	3390607	0.44	cps
Scandium	45-2	131234	129920	130841	130665	0.52	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	37	54	61	51	24.35	cps
Selenium	82-1	-19	28	33	14	203.19	cps
Silicon	28-1	237434	239482	239463	238793	0.49	cps
Silver	109-1	800	558	608	656	19.46	cps
Silver	107-1	742	708	600	683	10.84	cps
Sodium	23-2	20748	20314	20248	20437	1.33	cps
Strontium	86-1	725	667	708	700	4.29	cps
Strontium	88-1	792	583	692	689	15.13	cps
Sulfur	34-1	182860	183220	182731	182937	0.14	cps
Terbium	159-1	8759810	8663173	8721619	8714868	0.56	cps
Terbium	159-2	4349200	4308784	4332999	4330327	0.47	cps
Thallium	203-1	417	625	467	503	21.63	cps
Thallium	205-1	1192	1108	1183	1161	3.95	cps
Tin	118-1	2350	1767	2117	2078	14.13	cps
Titanium	47-1	92	133	67	97	34.64	cps
Uranium	238-1	400	408	342	383	9.48	cps
Vanadium	51-2	20	43	37	33	36.05	cps
Yttrium	89-1	6495528	6374129	6407383	6425680	0.98	cps
Yttrium	89-2	875006	870633	876031	873890	0.33	cps
Zinc	66-2	260	303	213	259	17.39	cps
Zirconium	90-1	1642	1333	1492	1489	10.36	cps

LB Number :	LB89007	Operator :	Jaswal
Lab Sample ID :	CCB56	Instrumnet Name :	P7
Client Sample ID :	CCB56	Dilution Factor :	1
Date & Time Acquired ::	2017-07-25 17:12:14	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	333	308	233	292	17.84	cps