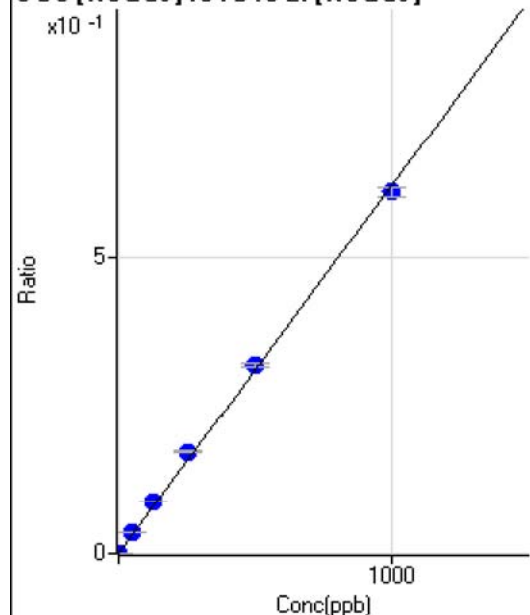


Batch Folder: D:\ICP-MS Data\P7061418 MS.b\
Analysis File: P7061418 MS.batch.bin
DA Date-Time: 2018-06-14 22:23:05
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-06-14 14:32:35
2			
3	005CALS.d	S02	2018-06-14 14:40:19
4	006CALS.d	S03	2018-06-14 14:44:12
5	007CALS.d	S04	2018-06-14 14:48:05
6	008CALS.d	S05	2018-06-14 14:51:54
7	011CALS.d	S06	2018-06-14 15:05:03
8	012CALS.d	S07	2018-06-14 15:08:46
9	013CALS.d	S08	2018-06-14 15:12:28

9 Be [NoGas] ISTD:6 Li [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	79.63	0.0000	P	24.3
2	☐	0.100					
3	☐	1.000	1.136	1279.72	0.0008	P	0.5
4	☐	50.000	57.204	60561.56	0.0356	P	0.7
5	☐	125.000	139.866	138100.31	0.0869	P	1.2
6	☐	250.000	277.866	277750.54	0.1727	P	1.3
7	☐	500.000	511.756	506701.15	0.3179	P	2.1
8	☐	1000.000	984.937	942977.86	0.6119	P	2.9
9	☐			933.39	0.0006	P	9.6

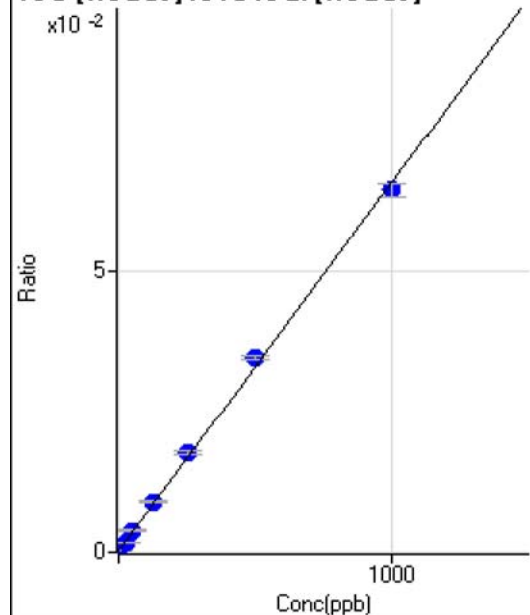
$$y = 6.2118\text{E-}004 * x + 4.7243\text{E-}005$$

$$R = 0.9994$$

$$DL = 0.0555$$

Weight: <None>

Min Conc: 0

10 B [NoGas] ISTD:6 Li [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	355.58	0.0002	P	2.4
2	☐	2.500					
3	☐	25.000	23.867	3022.64	0.0018	P	4.5
4	☐	50.000	56.750	6701.75	0.0039	P	3.8
5	☐	125.000	133.750	14287.88	0.0090	P	4.4
6	☐	250.000	269.265	28781.04	0.0179	P	3.6
7	☐	500.000	525.109	55307.45	0.0347	P	1.8
8	☐	1000.000	981.226	99565.12	0.0646	P	3.5
9	☐			6237.66	0.0040	P	7.8

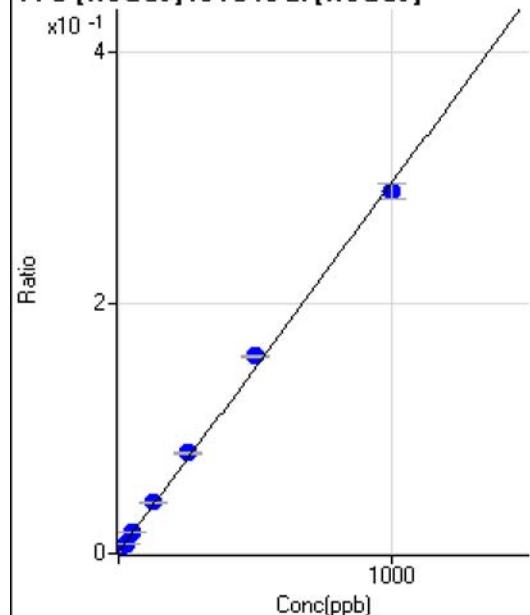
$$y = 6.5665\text{E-}005 * x + 2.1099\text{E-}004$$

$$R = 0.9993$$

$$DL = 0.2347$$

Weight: <None>

Min Conc: 0

11 B [NoGas] ISTD: 6 Li [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1450.13	0.0009	P	6.8
2	☐	2.500					
3	☐	25.000	24.278	13642.82	0.0080	P	3.4
4	☐	50.000	55.137	29167.98	0.0171	P	0.1
5	☐	125.000	136.768	65506.34	0.0412	P	3.7
6	☐	250.000	270.626	129898.01	0.0807	P	1.4
7	☐	500.000	531.681	251569.20	0.1578	P	1.2
8	☐	1000.000	977.293	445600.93	0.2894	P	4.2
9	☐			28661.37	0.0182	P	5.6

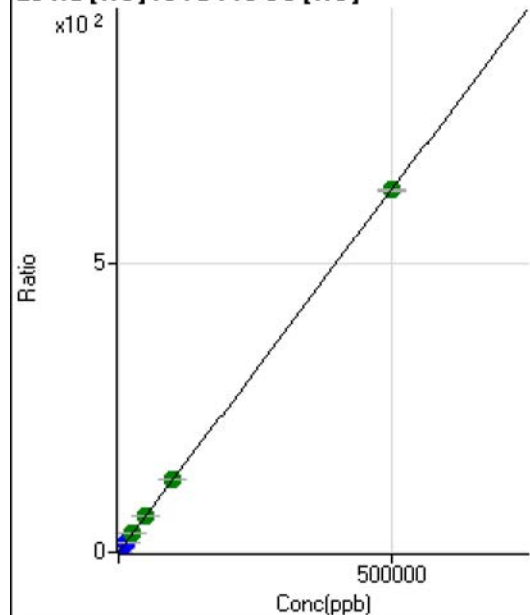
$$y = 2.9519\text{E-}004 * x + 8.6061\text{E-}004$$

$$R = 0.9989$$

$$DL = 0.5918$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5954.20	0.0303	P	3.1
2	☐	50.000					
3	☐	500.000	464.662	119190.07	0.6143	P	15.1
4	☐	5000.000	5113.988	1247461.63	6.4577	P	0.8
5	☐	12500.000	12909.113	2942511.20	16.2550	P	0.4
6	☐	25000.000	25917.997	5875133.42	32.6051	A	0.7
7	☐	50000.000	49623.510	11307685.93	62.3991	A	0.8
8	☐	100000.00	99683.412	21252863.85	125.3164	A	0.6
9	☐	500000.00	500043.73	113244358.0	628.5054	A	0.5

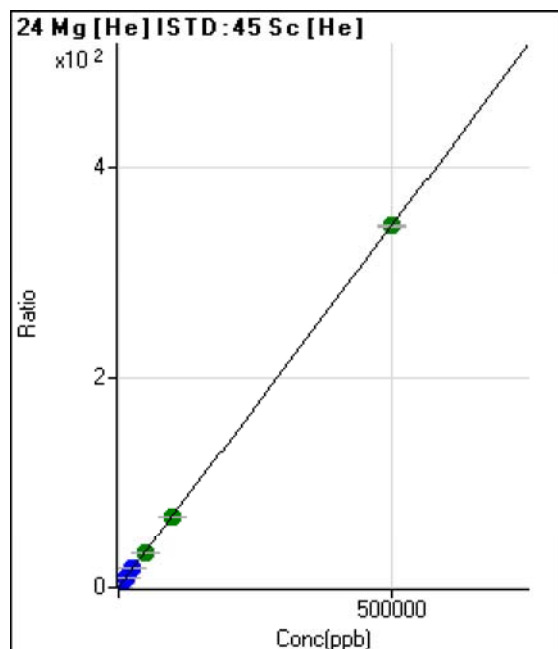
$$y = 0.0013 * x + 0.0303$$

$$R = 1.0000$$

$$DL = 2.263$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	611.15	0.0031	P	7.2
2	☐	50.000					
3	☐	500.000	452.752	61147.54	0.3152	P	15.2
4	☐	5000.000	4965.527	661753.30	3.4257	P	0.8
5	☐	12500.000	12444.635	1553353.30	8.5809	P	0.5
6	☐	25000.000	25296.404	3142416.06	17.4394	P	0.6
7	☐	50000.000	48664.421	6079136.55	33.5464	A	0.7
8	☐	100000.00	97857.051	11439791.84	67.4538	A	0.5
9	☐	500000.00	500549.10	62166521.53	345.0206	A	0.2

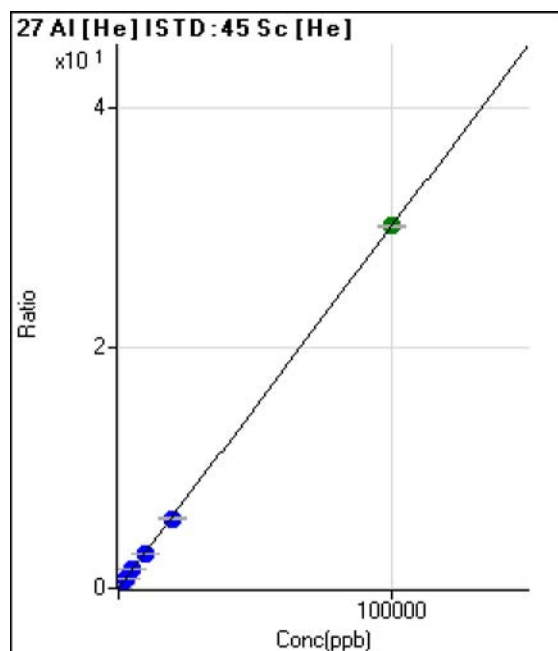
$$y = 6.8928\text{E-}004 * x + 0.0031$$

$$R = 1.0000$$

$$DL = 0.9694$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.00	0.0001	P	1.5
2	☐	2.000					
3	☐	20.000	19.669	1163.99	0.0060	P	22.8
4	☐	1000.000	1013.934	58975.51	0.3053	P	1.4
5	☐	2500.000	2543.927	138626.16	0.7658	P	0.3
6	☐	5000.000	5152.261	279456.30	1.5509	P	0.4
7	☐	10000.000	9681.638	528083.29	2.9141	P	0.8
8	☐	20000.000	19359.817	988247.56	5.8271	P	0.6
9	☐	100000.00	100151.02	5431292.61	30.1437	A	0.7

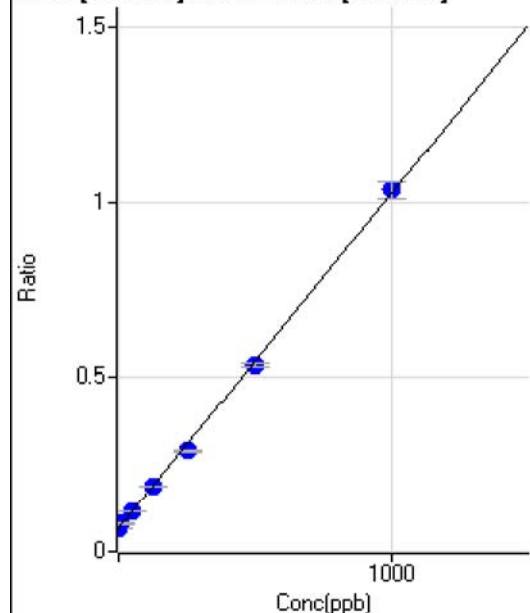
$$y = 3.0098\text{E-}004 * x + 1.2711\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.0196$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	274307.94	0.0666	P	1.5
2	☐	1.000					
3	☐	10.000	13.760	325905.21	0.0798	P	1.0
4	☐	50.000	49.103	461991.84	0.1137	P	0.2
5	☐	125.000	123.257	692843.76	0.1847	P	0.4
6	☐	250.000	232.466	1111912.84	0.2894	P	0.8
7	☐	500.000	486.185	2039840.91	0.5326	P	1.7
8	☐	1000.000	1011.516	3881941.93	1.0361	P	4.5
9	☐			427332.73	0.1140	P	1.1

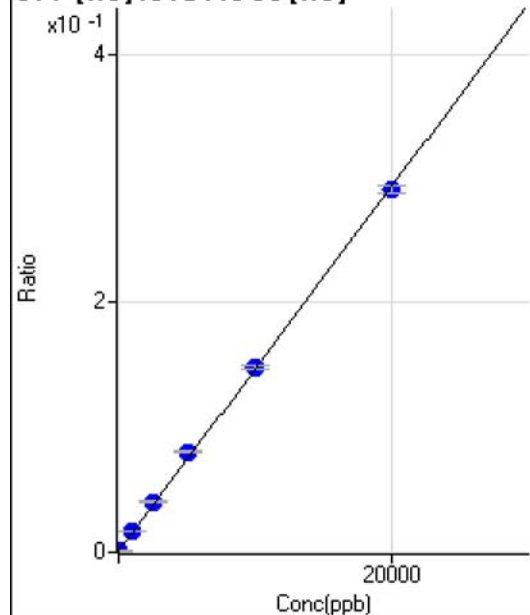
$$y = 9.5849\text{E-}004 * x + 0.0666$$

$$R = 0.9996$$

$$DL = 3.035$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	1.502	152.78	0.0008	P	12.5
2	☐	0.000					
3	☐	0.000	-1.502	141.67	0.0007	P	29.5
4	☐	1000.000	1104.228	3269.95	0.0169	P	6.4
5	☐	2500.000	2696.518	7285.40	0.0403	P	4.3
6	☐	5000.000	5432.810	14479.81	0.0804	P	1.9
7	☐	10000.000	10083.147	26908.42	0.1485	P	1.8
8	☐	20000.000	19820.448	49382.54	0.2912	P	2.1
9	☐			152.78	0.0008	P	17.7

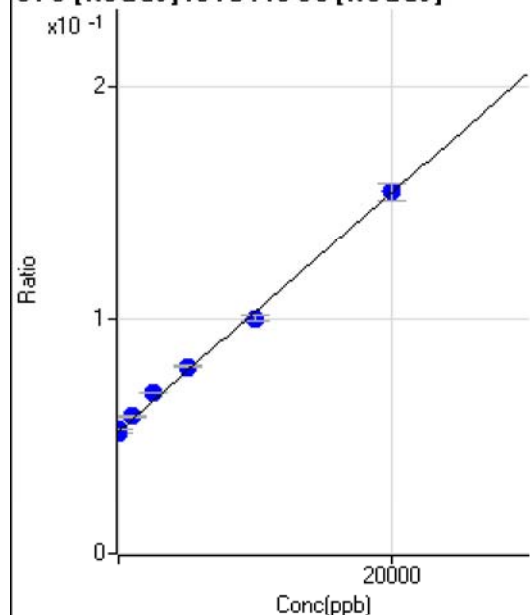
$$y = 1.4652\text{E-}005 * x + 7.5549\text{E-}004$$

$$R = 0.9997$$

$$DL = 32.05$$

Weight: <None>

Min Conc: 0

34 S [NoGas] ISTD:45 Sc [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-143.209	212979.06	0.0517	P	0.6
2	☐	0.000					
3	☐	0.000	143.209	217188.61	0.0532	P	0.5
4	☐	1000.000	1234.210	238743.88	0.0587	P	0.5
5	☐	2500.000	3242.544	258737.70	0.0690	P	0.5
6	☐	5000.000	5387.858	307140.29	0.0799	P	1.2
7	☐	10000.000	9423.777	385062.68	0.1005	P	1.8
8	☐	20000.000	20086.618	580608.63	0.1550	P	4.9
9	☐			177841.30	0.0474	P	0.6

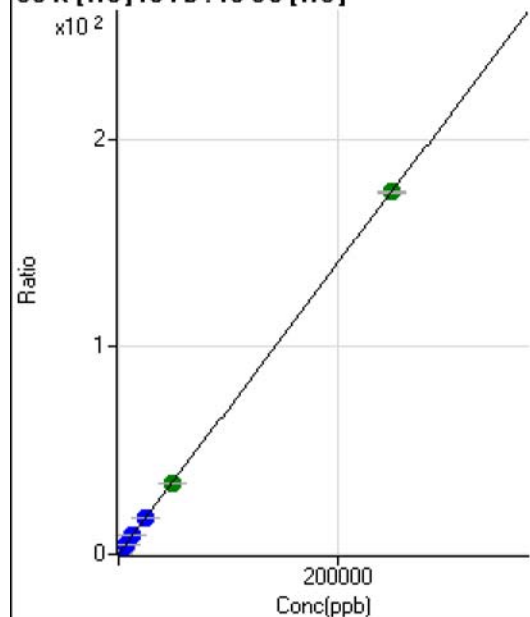
$$y = 5.1040\text{E-}006 * x + 0.0524$$

$$R = 0.9985$$

$$DL = 172.6$$

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	22314.79	0.1135	P	2.7
2	☐	50.000					
3	☐	500.000	479.910	87292.51	0.4492	P	13.7
4	☐	2500.000	2620.560	376022.04	1.9466	P	1.1
5	☐	6250.000	6515.526	845551.10	4.6712	P	0.5
6	☐	12500.000	13033.705	1663301.87	9.2308	P	0.7
7	☐	25000.000	24892.005	3175959.19	17.5258	P	0.8
8	☐	50000.000	49312.666	5869356.12	34.6085	A	0.7
9	☐	250000.00	250113.77	31544641.33	175.0721	A	0.3

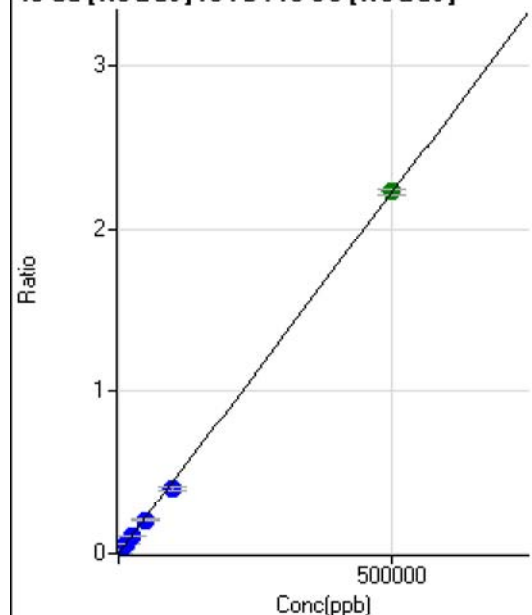
$$y = 6.9952\text{E-}004 * x + 0.1135$$

$$R = 1.0000$$

$$DL = 12.99$$

Weight: <None>

Min Conc: 0

43 Ca [NoGas] ISTD:45 Sc [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	77.78	0.0000	P	43.9
2	☐	50.000					
3	☐	500.000	437.398	8005.25	0.0020	P	4.4
4	☐	5000.000	4859.015	87727.03	0.0216	P	0.7
5	☐	12500.000	12243.795	203871.89	0.0544	P	1.1
6	☐	25000.000	24464.582	417227.35	0.1086	P	0.6
7	☐	50000.000	46533.629	791065.15	0.2066	P	1.8
8	☐	100000.00	90807.476	1510222.52	0.4031	P	4.9
9	☐	500000.00	502219.79	8355992.63	2.2290	A	1.7

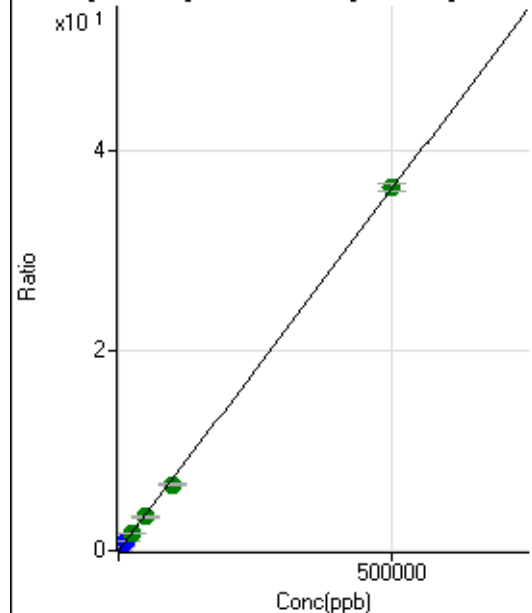
$$y = 4.4383\text{E-}006 * x + 1.8840\text{E-}005$$

$$R = 0.9998$$

$$DL = 5.585$$

Weight: <None>

Min Conc: 0

44 Ca [NoGas] ISTD:45 Sc [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3483.92	0.0008	P	11.2
2	☐	50.000					
3	☐	500.000	439.811	132997.00	0.0326	P	2.1
4	☐	5000.000	4937.271	1450649.50	0.3569	P	0.2
5	☐	12500.000	12498.916	3383728.11	0.9023	P	0.2
6	☐	25000.000	24678.702	6841070.47	1.7806	A	0.6
7	☐	50000.000	46763.019	12919637.96	3.3733	A	1.7
8	☐	100000.00	91429.970	24712161.14	6.5947	A	4.6
9	☐	500000.00	502054.48	135730697.4	36.2085	A	2.0

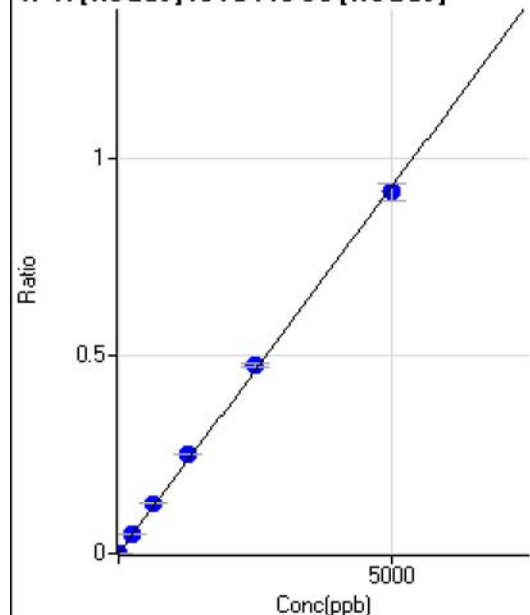
$$y = 7.2119\text{E-}005 * x + 8.4643\text{E-}004$$

$$R = 0.9998$$

$$DL = 3.948$$

Weight: <None>

Min Conc: 0

47 Ti [NoGas] ISTD : 45 Sc [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.67	0.0000	P	39.5
2	☐	0.500					
3	☐	5.000	5.160	3953.49	0.0010	P	3.9
4	☐	250.000	272.736	205728.46	0.0506	P	0.5
5	☐	625.000	677.203	471297.75	0.1257	P	0.7
6	☐	1250.000	1353.453	964883.23	0.2511	P	0.1
7	☐	2500.000	2554.060	1815040.53	0.4739	P	2.0
8	☐	5000.000	4939.444	3434295.56	0.9165	P	5.0
9	☐			2428.08	0.0006	P	6.9

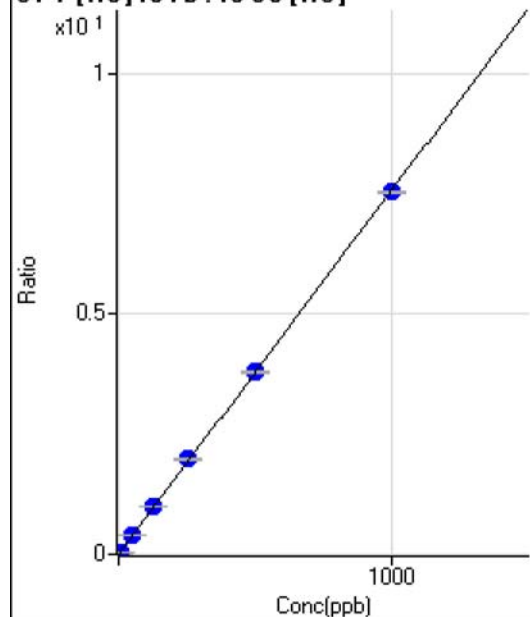
$$y = 1.8555\text{E-}004 * x + 1.0097\text{E-}005$$

$$R = 0.9997$$

$$DL = 0.06441$$

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	3.33	0.0000	P	1.5
2	☐	0.500					
3	☐	5.000	4.759	7002.87	0.0361	P	14.4
4	☐	50.000	52.823	77300.17	0.4002	P	1.1
5	☐	125.000	131.146	179812.52	0.9935	P	1.2
6	☐	250.000	261.635	357128.55	1.9819	P	0.5
7	☐	500.000	500.056	686435.13	3.7880	P	1.3
8	☐	1000.000	996.155	1279742.30	7.5460	P	0.8
9	☐			910.05	0.0051	P	4.2

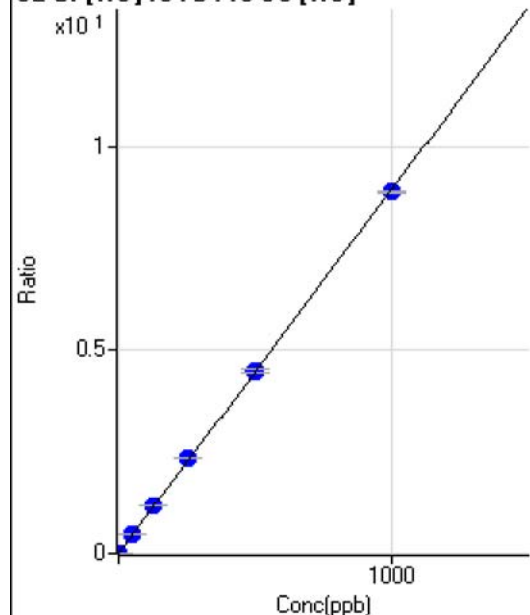
$$y = 0.0076 * x + 1.6931\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.0001038$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	212.23	0.0011	P	6.9
2	☐	0.200					
3	☐	2.000	2.171	3961.71	0.0204	P	16.6
4	☐	50.000	53.570	92541.49	0.4791	P	0.8
5	☐	125.000	132.326	213927.22	1.1818	P	0.4
6	☐	250.000	263.250	423437.66	2.3500	P	1.1
7	☐	500.000	500.987	810230.22	4.4712	P	1.3
8	☐	1000.000	995.100	1505970.58	8.8800	P	0.7
9	☐			73085.61	0.4056	P	0.8

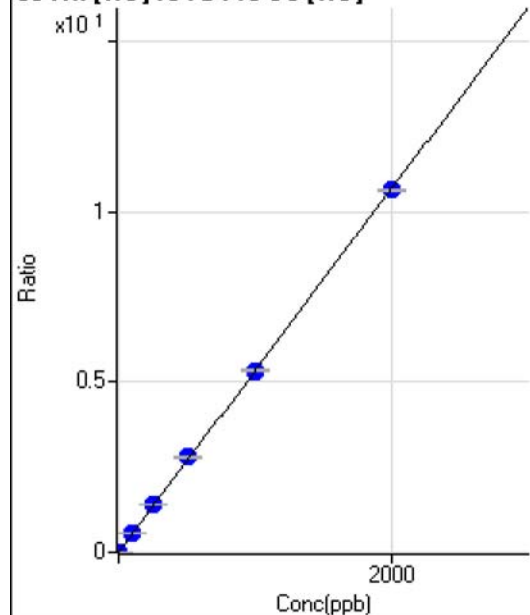
$$y = 0.0089 * x + 0.0011$$

$$R = 0.9999$$

$$DL = 0.02514$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	50.00	0.0003	P	26.3
2	☐	0.100					
3	☐	1.000	1.024	1110.06	0.0057	P	13.9
4	☐	100.000	106.061	109297.94	0.5658	P	0.7
5	☐	250.000	261.945	252875.60	1.3970	P	0.3
6	☐	500.000	524.203	503714.93	2.7954	P	0.7
7	☐	1000.000	995.932	962394.76	5.3108	P	1.0
8	☐	2000.000	1994.187	1803390.30	10.6338	P	0.8
9	☐			10456.09	0.0580	P	1.7

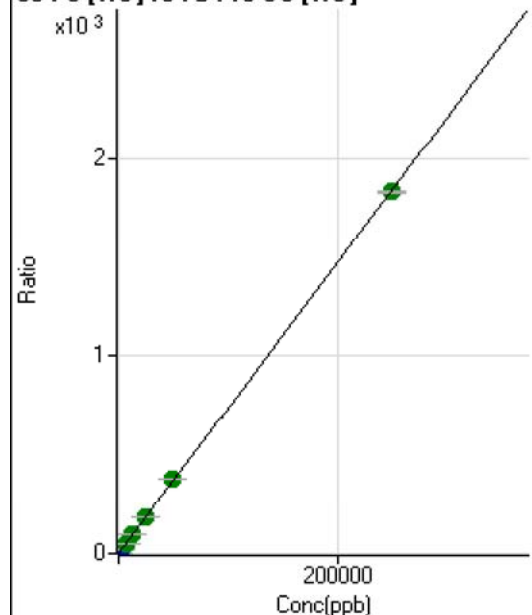
$$y = 0.0053 * x + 2.5391E-004$$

$$R = 0.9999$$

$$DL = 0.03753$$

Weight: <None>

Min Conc: 0

⁵⁶Fe [He] ISTD: ⁴⁵Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2848.51	0.0145	P	7.8
2	☐	5.000					
3	☐	50.000	50.453	74741.55	0.3852	P	15.2
4	☐	2500.000	2732.773	3882118.81	20.0967	P	0.8
5	☐	6250.000	6750.385	8981879.13	49.6208	A	0.4
6	☐	12500.000	13481.532	17854332.81	99.0857	A	0.7
7	☐	25000.000	25667.388	34183779.24	188.6355	A	0.7
8	☐	50000.000	51410.778	64073578.29	377.8151	A	0.9
9	☐	250000.00	249587.19	330478074.0	1,834.147	A	0.3

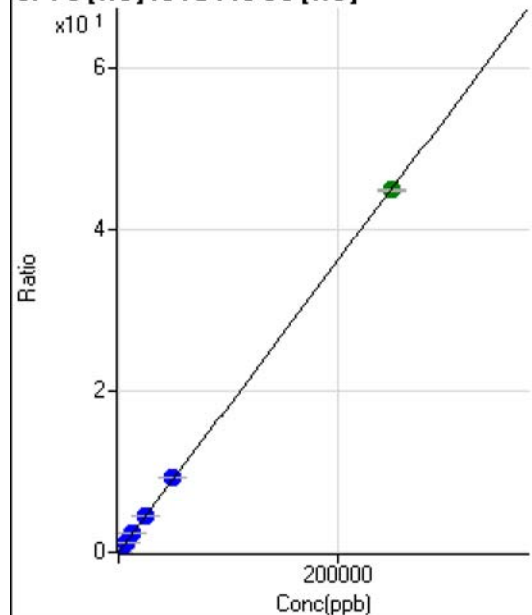
$$y = 0.0073 * x + 0.0145$$

$$R = 1.0000$$

$$DL = 0.4609$$

Weight: <None>

Min Conc: 0

⁵⁷Fe [He] ISTD: ⁴⁵Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	316.68	0.0016	P	12.5
2	☐	5.000					
3	☐	50.000	50.670	2077.99	0.0107	P	17.4
4	☐	2500.000	2721.505	94934.88	0.4915	P	0.9
5	☐	6250.000	6737.215	219790.54	1.2142	P	0.7
6	☐	12500.000	13510.744	438475.97	2.4334	P	0.8
7	☐	25000.000	25578.104	834557.44	4.6054	P	1.1
8	☐	50000.000	51364.045	1568123.36	9.2466	P	0.9
9	☐	250000.00	249604.44	8095091.90	44.9277	A	0.5

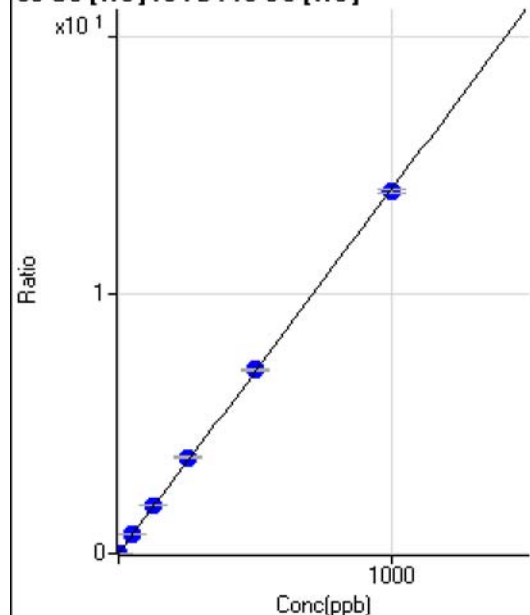
$$y = 1.7999E-004 * x + 0.0016$$

$$R = 1.0000$$

$$DL = 3.364$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	85.56	0.0004	P	10.8
2	☐	0.100					
3	☐	1.000	1.020	2870.33	0.0148	P	18.0
4	☐	50.000	54.029	147245.08	0.7622	P	0.7
5	☐	125.000	133.167	339981.21	1.8781	P	0.5
6	☐	250.000	265.671	675069.17	3.7464	P	0.4
7	☐	500.000	502.909	1285078.86	7.0914	P	0.9
8	☐	1000.000	993.406	2375495.21	14.0075	P	1.0
9	☐			4980.93	0.0276	P	0.9

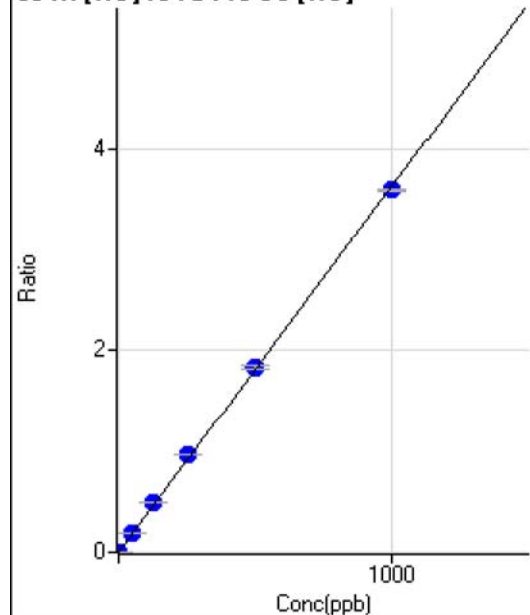
$$y = 0.0141 * x + 4.3462E-004$$

$$R = 0.9998$$

$$DL = 0.009957$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	94.45	0.0005	P	29.6
2	☐	0.100					
3	☐	1.000	1.125	881.16	0.0046	P	18.1
4	☐	50.000	54.768	38408.14	0.1988	P	0.8
5	☐	125.000	134.765	88431.38	0.4885	P	0.5
6	☐	250.000	268.207	175110.46	0.9718	P	0.8
7	☐	500.000	504.379	331094.84	1.8271	P	1.3
8	☐	1000.000	991.800	609231.84	3.5923	P	0.7
9	☐			18579.76	0.1031	P	1.7

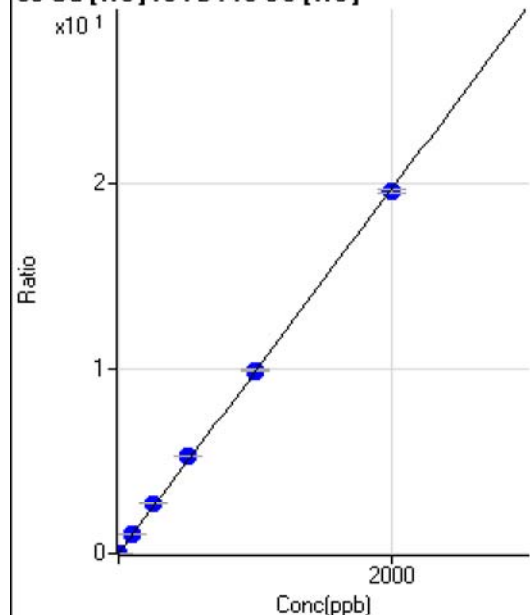
$$y = 0.0036 * x + 4.8099E-004$$

$$R = 0.9998$$

$$DL = 0.118$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD: ⁴⁵Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	380.01	0.0019	P	5.9
2	☐	0.200					
3	☐	2.000	2.025	4244.02	0.0219	P	16.2
4	☐	100.000	109.330	208588.56	1.0798	P	0.6
5	☐	250.000	269.319	480946.45	2.6570	P	0.4
6	☐	500.000	533.200	947532.62	5.2585	P	0.6
7	☐	1000.000	1004.351	1794635.39	9.9033	P	0.7
8	☐	2000.000	1986.643	3321741.20	19.5872	P	1.1
9	☐			8284.70	0.0460	P	2.3

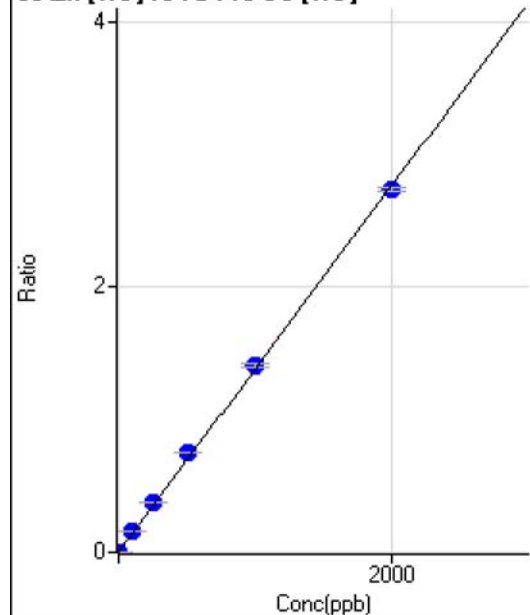
$$y = 0.0099 * x + 0.0019$$

$$R = 0.9998$$

$$DL = 0.03453$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD: ⁴⁵Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	234.45	0.0012	P	10.1
2	☐	0.200					
3	☐	2.000	2.079	794.48	0.0041	P	10.2
4	☐	100.000	110.120	29676.93	0.1536	P	1.0
5	☐	250.000	273.175	68661.59	0.3793	P	0.7
6	☐	500.000	541.240	135214.00	0.7504	P	0.7
7	☐	1000.000	1016.835	255280.11	1.4087	P	1.1
8	☐	2000.000	1977.869	464506.10	2.7390	P	1.1
9	☐			3183.74	0.0177	P	5.9

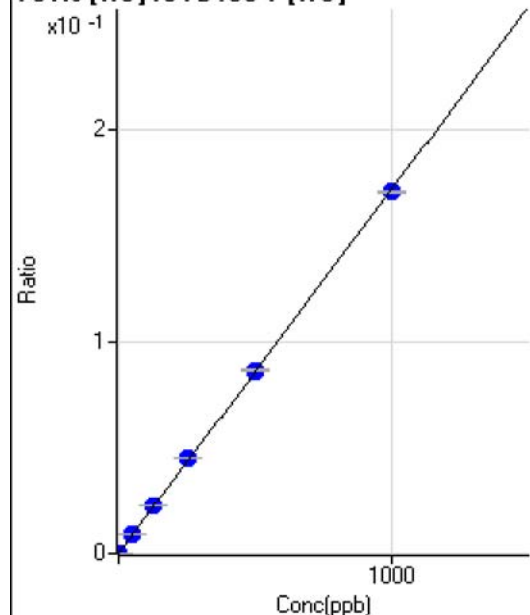
$$y = 0.0014 * x + 0.0012$$

$$R = 0.9997$$

$$DL = 0.2612$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	5.56	0.0000	P	100.
2	☐	0.100					
3	☐	1.000	1.073	222.84	0.0002	P	15.1
4	☐	50.000	54.189	10818.91	0.0093	P	0.5
5	☐	125.000	133.721	25116.18	0.0230	P	0.9
6	☐	250.000	262.289	49485.62	0.0451	P	1.0
7	☐	500.000	502.290	94704.87	0.0863	P	1.4
8	☐	1000.000	994.483	176017.52	0.1708	P	0.5
9	☐			118.52	0.0001	P	8.0

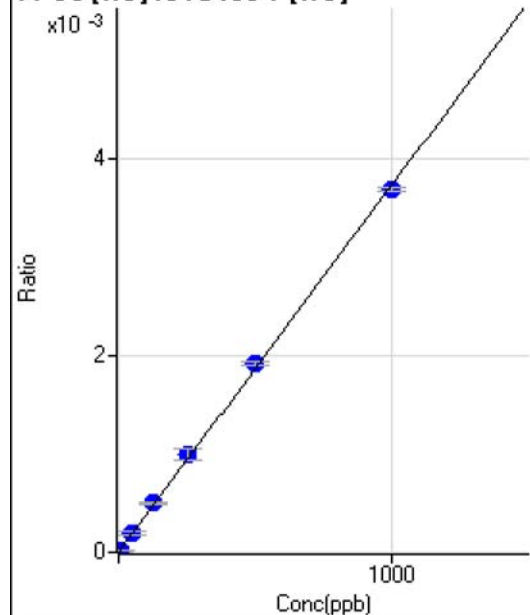
$$y = 1.7178\text{E-}004 * x + 4.6598\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.08188$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2.22	0.0000	P	86.6
2	☐	0.500					
3	☐	5.000	6.004	28.89	0.0000	P	11.7
4	☐	50.000	50.597	221.12	0.0002	P	23.9
5	☐	125.000	133.280	545.58	0.0005	P	4.1
6	☐	250.000	265.174	1087.84	0.0010	P	11.4
7	☐	500.000	514.394	2106.85	0.0019	P	2.3
8	☐	1000.000	987.939	3797.23	0.0037	P	1.2
9	☐			2.22	0.0000	P	173.

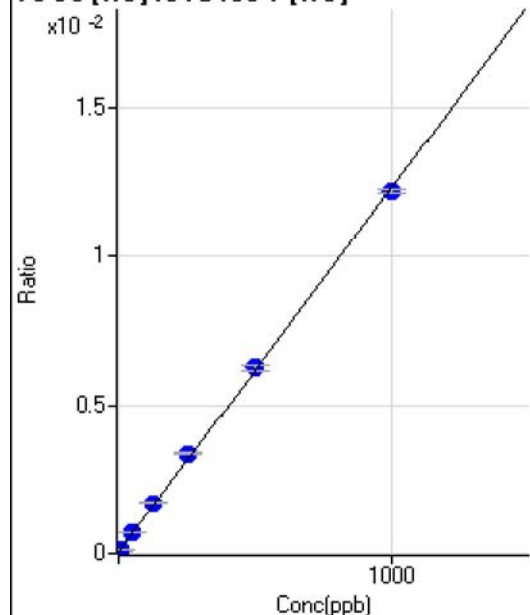
$$y = 3.7282\text{E-}006 * x + 1.8558\text{E-}006$$

$$R = 0.9997$$

$$DL = 1.293$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	59.88	0.0001	P	7.7
2	☐	0.500					
3	☐	5.000	5.682	141.98	0.0001	P	22.8
4	☐	50.000	54.797	838.30	0.0007	P	4.7
5	☐	125.000	135.350	1868.04	0.0017	P	0.7
6	☐	250.000	272.105	3716.55	0.0034	P	2.4
7	☐	500.000	505.219	6849.20	0.0062	P	2.8
8	☐	1000.000	990.327	12553.03	0.0122	P	1.2
9	☐			70.37	0.0001	P	6.8

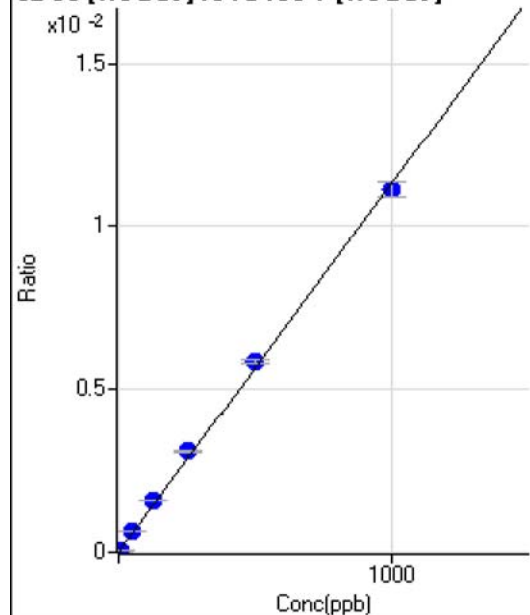
$$y = 1.2252\text{E-}005 * x + 5.0363\text{E-}005$$

$$R = 0.9997$$

$$DL = 0.9547$$

Weight: <None>

Min Conc: 0

82 Se [NoGas] ISTD:89 Y [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	28.60	0.0000	P	43.2
2	☐	0.500					
3	☐	5.000	4.977	416.39	0.0001	P	3.6
4	☐	50.000	55.607	4347.17	0.0006	P	1.3
5	☐	125.000	140.473	10209.41	0.0016	P	1.2
6	☐	250.000	275.184	20788.46	0.0031	P	2.1
7	☐	500.000	516.042	39862.39	0.0058	P	1.7
8	☐	1000.000	983.469	73854.74	0.0111	P	4.2
9	☐			98.89	0.0000	P	23.4

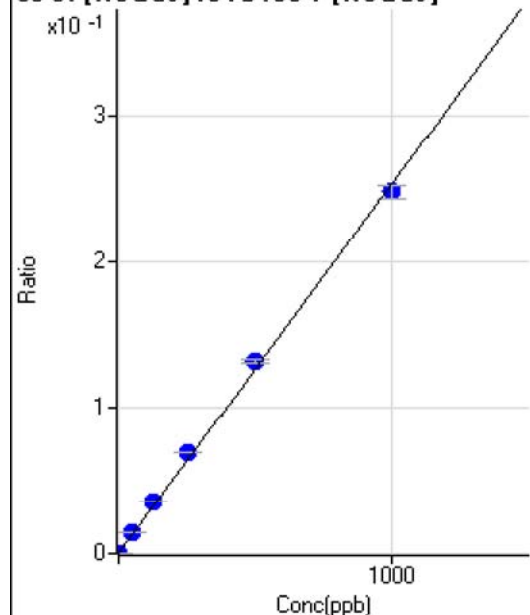
$$y = 1.1313\text{E-}005 * x + 4.0839\text{E-}006$$

$$R = 0.9994$$

$$DL = 0.4675$$

Weight: <None>

Min Conc: 0

86 Sr [NoGas] ISTD:89 Y [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	391.69	0.0001	P	9.2
2	☐	0.100					
3	☐	1.000	0.988	2111.38	0.0003	P	5.6
4	☐	50.000	55.149	96343.85	0.0140	P	0.5
5	☐	125.000	138.734	225650.41	0.0352	P	0.4
6	☐	250.000	275.990	466788.57	0.0700	P	0.4
7	☐	500.000	520.308	900082.25	0.1319	P	1.7
8	☐	1000.000	981.374	1650863.21	0.2488	P	3.7
9	☐			63150.56	0.0097	P	0.9

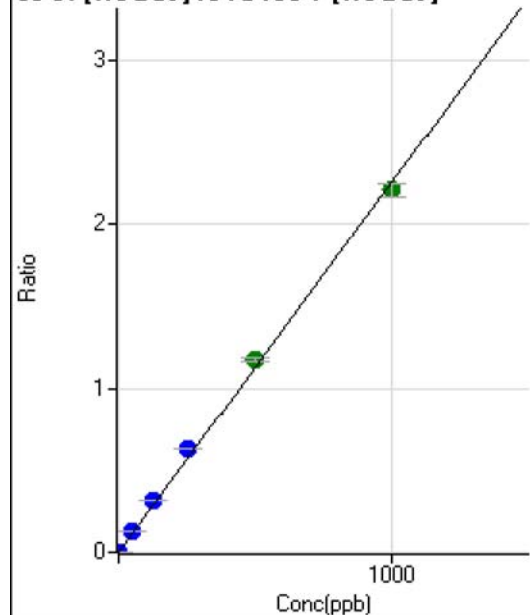
$$y = 2.5343\text{E-}004 * x + 5.5999\text{E-}005$$

$$R = 0.9993$$

$$DL = 0.0612$$

Weight: <None>

Min Conc: 0

88 Sr [NoGas] ISTD:89 Y [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.23	0.0000	P	94.0
2	☐	0.100					
3	☐	1.000	1.014	15820.44	0.0023	P	1.5
4	☐	50.000	55.199	853687.83	0.1243	P	1.2
5	☐	125.000	138.199	1994601.09	0.3113	P	0.4
6	☐	250.000	278.908	4189154.61	0.6282	P	0.4
7	☐	500.000	519.985	7991085.33	1.1712	A	1.7
8	☐	1000.000	980.871	14660325.50	2.2093	A	3.7
9	☐			547570.35	0.0843	P	1.4

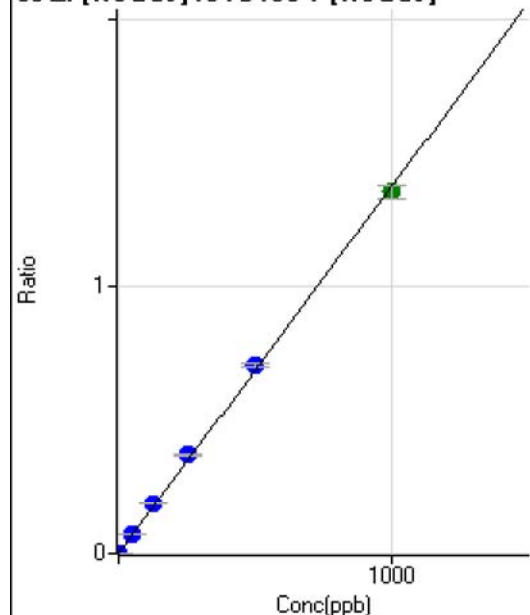
$$y = 0.0023 * x + 1.0323\text{E-}005$$

$$R = 0.9992$$

$$DL = 0.01293$$

Weight: <None>

Min Conc: 0

90 Zr [NoGas] ISTD:89 Y [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	588.93	0.0001	P	16.8
2	☐	0.100					
3	☐	1.000	1.001	10076.25	0.0015	P	0.7
4	☐	50.000	53.671	507718.87	0.0739	P	0.2
5	☐	125.000	134.690	1188306.07	0.1855	P	0.4
6	☐	250.000	269.809	2476669.72	0.3714	P	0.3
7	☐	500.000	512.939	4817067.12	0.7060	P	1.9
8	☐	1000.000	987.183	9015715.31	1.3587	A	3.9
9	☐			4047.98	0.0006	P	3.5

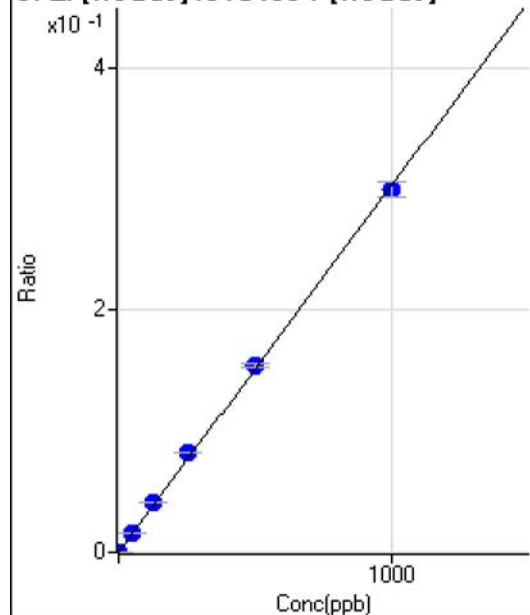
$$y = 0.0014 * x + 8.4168E-005$$

$$R = 0.9996$$

$$DL = 0.03088$$

Weight: <None>

Min Conc: 0

91 Zr [NoGas] ISTD:89 Y [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	158.34	0.0000	P	5.5
2	☐	0.100					
3	☐	1.000	1.084	2419.76	0.0004	P	5.6
4	☐	50.000	53.973	112379.86	0.0164	P	1.2
5	☐	125.000	136.344	264734.56	0.0413	P	0.6
6	☐	250.000	271.772	549001.55	0.0823	P	0.6
7	☐	500.000	509.193	1052299.62	0.1542	P	2.1
8	☐	1000.000	988.344	1986180.17	0.2993	P	4.4
9	☐			858.40	0.0001	P	8.3

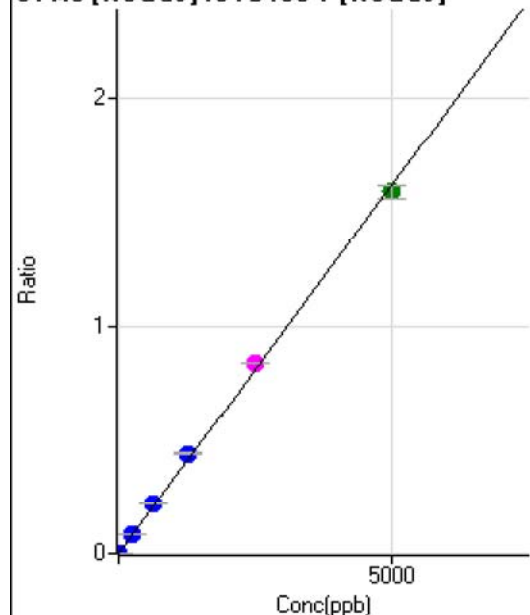
$$y = 3.0285E-004 * x + 2.2641E-005$$

$$R = 0.9996$$

$$DL = 0.01231$$

Weight: <None>

Min Conc: 0

94 Mo [NoGas] ISTD : 89 Y [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	186.12	0.0000	P	14.0
2	☐	0.500					
3	☐	5.000	4.968	11279.88	0.0016	P	1.8
4	☐	250.000	272.715	606671.06	0.0884	P	0.4
5	☐	625.000	677.319	1405955.71	0.2194	P	0.2
6	☐	1250.000	1365.025	2948574.35	0.4422	P	0.7
7	☐	2500.000	2584.107	5711868.62	0.8370	M	0.6
8	☐	5000.000	4921.515	10579353.10	1.5942	A	3.7
9	☐			15945.61	0.0025	P	1.4

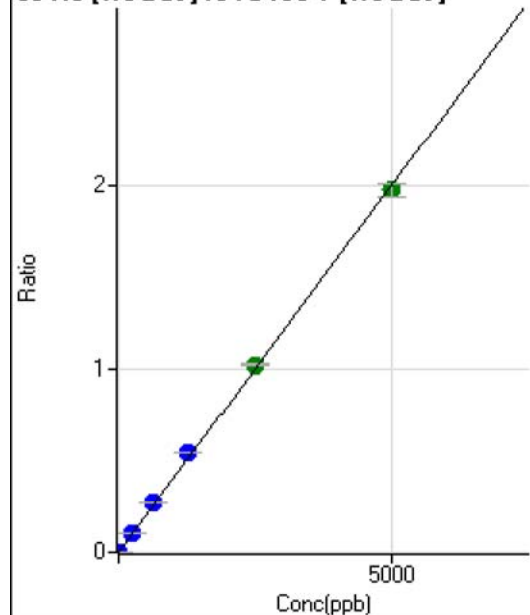
$$y = 3.2391\text{E-}004 * x + 2.6600\text{E-}005$$

$$R = 0.9995$$

$$DL = 0.03437$$

Weight: <None>

Min Conc: 0

95 Mo [NoGas] ISTD : 89 Y [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0000	P	75.2
2	☐	0.500					
3	☐	5.000	5.059	13999.07	0.0020	P	1.4
4	☐	250.000	271.464	746495.00	0.1087	P	0.3
5	☐	625.000	675.994	1734804.66	0.2707	P	0.3
6	☐	1250.000	1362.020	3637497.43	0.5455	P	0.6
7	☐	2500.000	2548.105	6963043.99	1.0205	A	1.6
8	☐	5000.000	4940.495	13131256.02	1.9787	A	3.5
9	☐			24994.98	0.0038	P	2.3

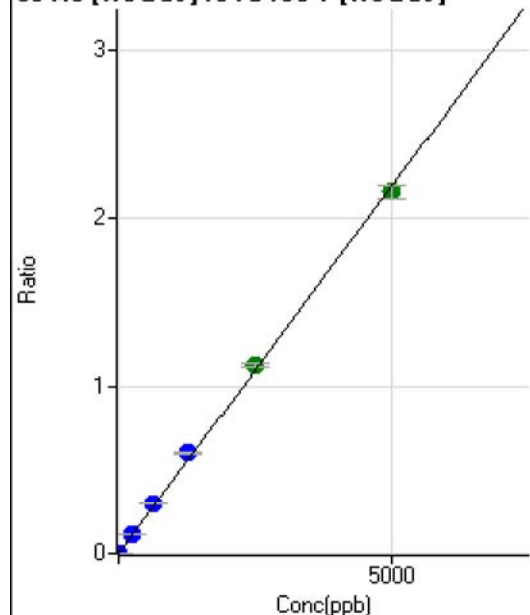
$$y = 4.0050\text{E-}004 * x + 3.9660\text{E-}006$$

$$R = 0.9996$$

$$DL = 0.02233$$

Weight: <None>

Min Conc: 0

96 Mo [NoGas] ISTD : 89 Y [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.33	0.0000	P	24.7
2	☐	0.500					
3	☐	5.000	4.970	15072.40	0.0022	P	2.5
4	☐	250.000	272.817	820814.87	0.1196	P	0.9
5	☐	625.000	681.182	1912687.09	0.2985	P	0.3
6	☐	1250.000	1372.713	4011207.21	0.6015	P	0.8
7	☐	2500.000	2559.913	7653607.81	1.1217	A	1.9
8	☐	5000.000	4931.202	14340442.16	2.1608	A	3.5
9	☐			28843.87	0.0044	P	2.1

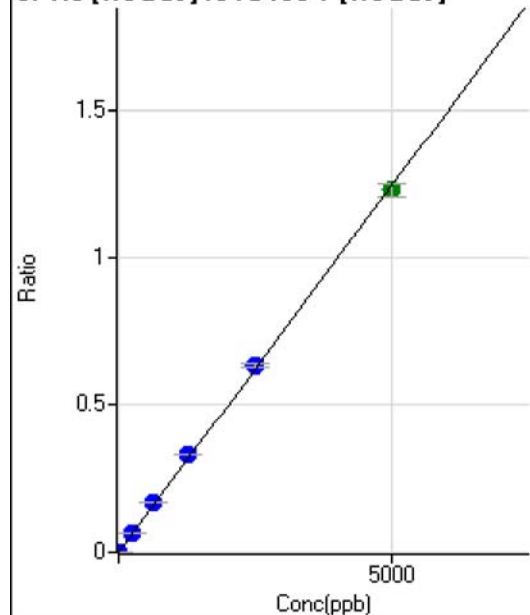
$$y = 4.3820\text{E-}004 * x + 8.3400\text{E-}006$$

$$R = 0.9995$$

$$DL = 0.01413$$

Weight: <None>

Min Conc: 0

97 Mo [NoGas] ISTD : 89 Y [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0000	P	29.3
2	☐	0.500					
3	☐	5.000	5.032	8697.42	0.0013	P	1.3
4	☐	250.000	268.883	460117.56	0.0670	P	0.7
5	☐	625.000	672.191	1073477.79	0.1675	P	0.5
6	☐	1250.000	1345.713	2236441.24	0.3354	P	0.5
7	☐	2500.000	2545.157	4327828.57	0.6343	P	1.8
8	☐	5000.000	4946.650	8181130.30	1.2328	A	3.8
9	☐			15592.50	0.0024	P	4.4

$$y = 2.4922\text{E-}004 * x + 7.1546\text{E-}006$$

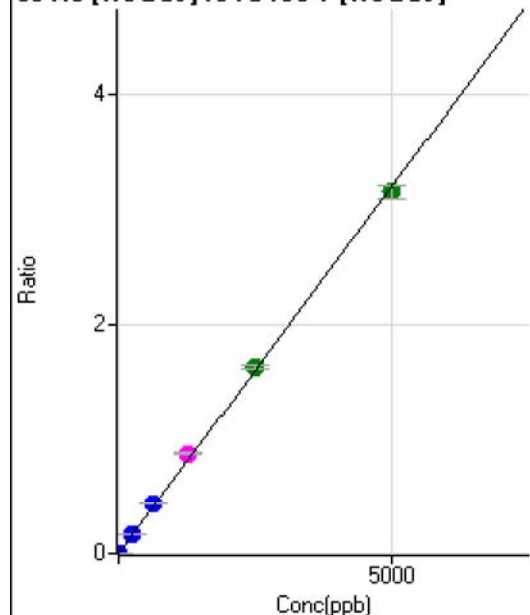
$$R = 0.9997$$

$$DL = 0.02524$$

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	52.78	0.0000	P	23.8
2	☐	0.500					
3	☐	5.000	4.958	21928.65	0.0032	P	1.2
4	☐	250.000	272.655	1197963.97	0.1745	P	0.3
5	☐	625.000	682.544	2798722.11	0.4368	P	0.3
6	☐	1250.000	1369.078	5841735.50	0.8761	M	1.7
7	☐	2500.000	2545.469	11113866.74	1.6289	A	1.8
8	☐	5000.000	4939.170	20974846.48	3.1606	A	3.7
9	☐			39517.16	0.0061	P	0.5

$$y = 6.3991\text{E-}004 * x + 7.5426\text{E-}006$$

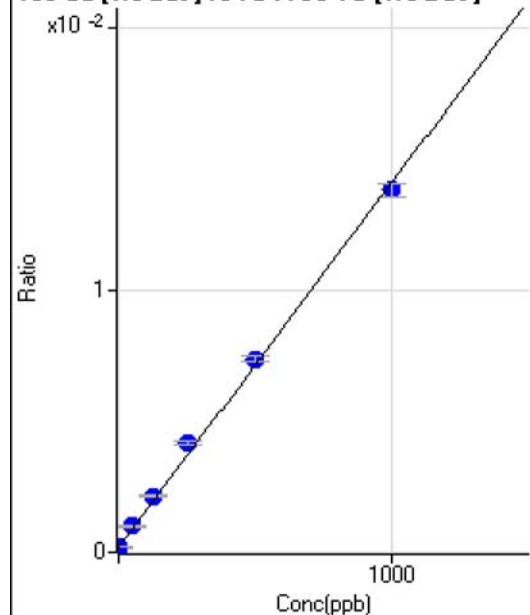
$$R = 0.9996$$

$$DL = 0.008407$$

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	1730.73	0.0002	P	5.9
2	☐	0.100					
3	☐	1.000	1.748	1961.34	0.0002	P	4.6
4	☐	50.000	58.924	9406.29	0.0010	P	5.3
5	☐	125.000	141.728	19085.73	0.0022	P	2.3
6	☐	250.000	285.498	38648.10	0.0042	P	3.9
7	☐	500.000	515.230	70581.54	0.0074	P	2.6
8	☐	1000.000	980.972	130087.96	0.0138	P	3.5
9	☐			1864.09	0.0002	P	4.8

$$y = 1.3922\text{E-}005 * x + 1.8315\text{E-}004$$

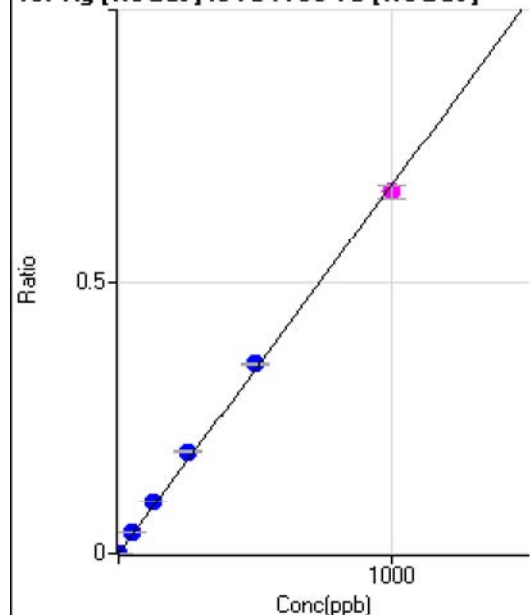
$$R = 0.9991$$

$$DL = 2.338$$

Weight: <None>

Min Conc: 0

107 Ag [NoGas] ISTD : 159 Tb [NoGas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	38.89	0.0000	P	53.9
2	☐	0.100					
3	☐	1.000	1.066	6879.73	0.0007	P	2.1
4	☐	50.000	58.207	370322.48	0.0395	P	0.6
5	☐	125.000	141.189	848044.15	0.0958	P	0.6
6	☐	250.000	277.629	1751255.44	0.1884	P	1.0
7	☐	500.000	514.170	3347839.64	0.3489	P	1.8
8	☐	1000.000	983.573	6270464.72	0.6674	M	3.9
9	☐			1605.71	0.0002	P	3.7

$$y = 6.7855E-004 * x + 4.1202E-006$$

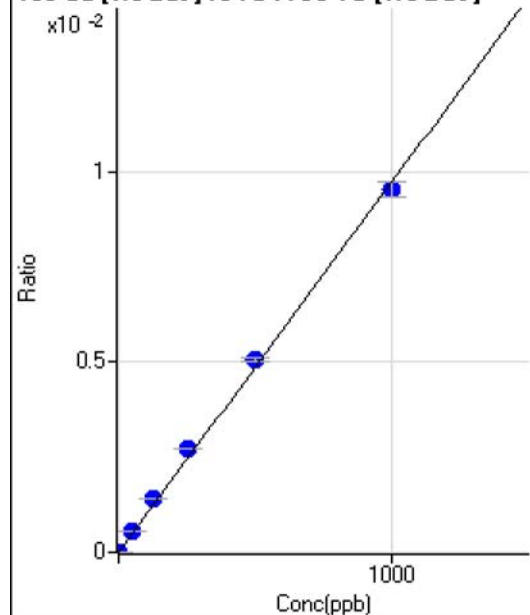
$$R = 0.9994$$

$$DL = 0.009819$$

Weight: <None>

Min Conc: 0

108 Cd [NoGas] ISTD : 159 Tb [NoGas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5.55	0.0000	P	86.6
2	☐	0.100					
3	☐	1.000	1.149	111.12	0.0000	P	15.3
4	☐	50.000	58.113	5299.71	0.0006	P	1.4
5	☐	125.000	145.216	12496.00	0.0014	P	2.5
6	☐	250.000	279.911	25292.31	0.0027	P	1.4
7	☐	500.000	519.524	48453.77	0.0050	P	1.5
8	☐	1000.000	979.828	89457.76	0.0095	P	4.1
9	☐			51.39	0.0000	P	17.7

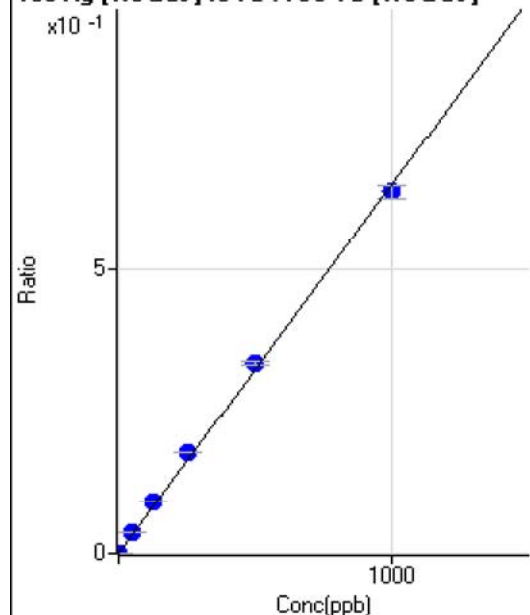
$$y = 9.7183E-006 * x + 5.8506E-007$$

$$R = 0.9991$$

$$DL = 0.1564$$

Weight: <None>

Min Conc: 0

109 Ag [NoGas] ISTD : 159 Tb [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	19.45	0.0000	P	25.6
2	☐	0.100					
3	☐	1.000	1.065	6568.46	0.0007	P	2.0
4	☐	50.000	57.881	353059.22	0.0377	P	0.5
5	☐	125.000	141.040	812264.17	0.0918	P	0.7
6	☐	250.000	277.206	1676617.57	0.1804	P	0.8
7	☐	500.000	515.982	3221264.85	0.3357	P	2.0
8	☐	1000.000	982.809	6008432.47	0.6394	P	3.4
9	☐			1483.48	0.0002	P	10.1

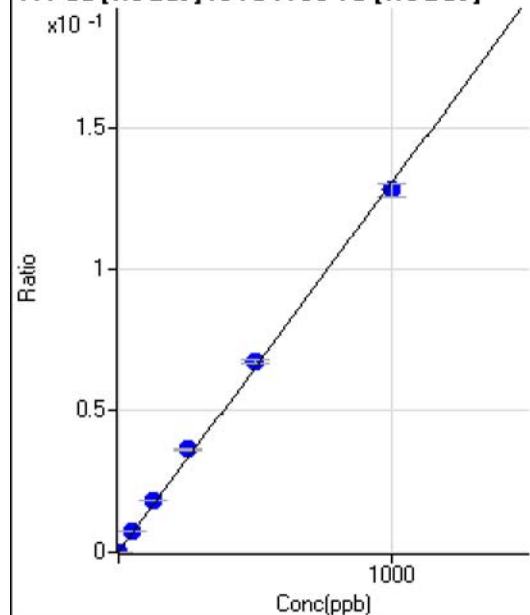
$$y = 6.5063\text{E-}004 * x + 2.0607\text{E-}006$$

$$R = 0.9993$$

$$DL = 0.002431$$

Weight: <None>

Min Conc: 0

111 Cd [NoGas] ISTD : 159 Tb [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	864.26	0.0001	P	5.6
2	☐	0.100					
3	☐	1.000	1.045	2154.36	0.0002	P	1.7
4	☐	50.000	57.485	71216.72	0.0076	P	0.9
5	☐	125.000	141.288	164090.12	0.0185	P	0.6
6	☐	250.000	278.129	338414.88	0.0364	P	0.5
7	☐	500.000	517.420	649086.22	0.0676	P	2.0
8	☐	1000.000	981.847	1205308.40	0.1283	P	4.0
9	☐			1341.92	0.0001	P	4.0

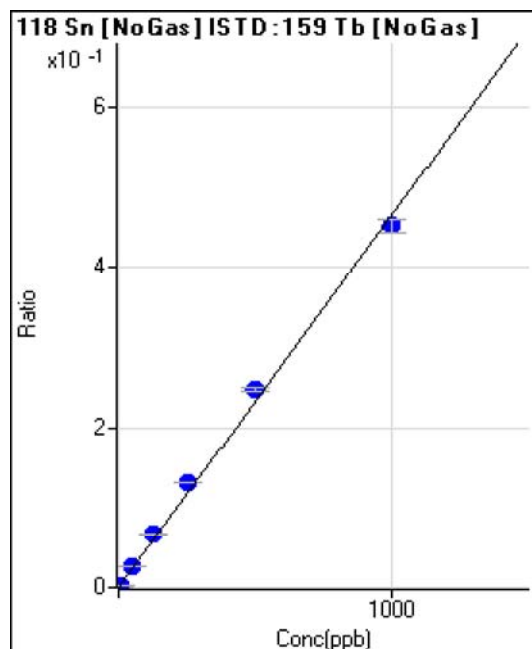
$$y = 1.3056\text{E-}004 * x + 9.1462\text{E-}005$$

$$R = 0.9993$$

$$DL = 0.1172$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	466.70	0.0000	P	4.7
2	☐	0.500					
3	☐	5.000	5.208	23372.99	0.0025	P	2.4
4	☐	50.000	57.561	251484.44	0.0268	P	1.1
5	☐	125.000	141.890	584639.53	0.0660	P	0.6
6	☐	250.000	284.109	1228962.94	0.1322	P	0.5
7	☐	500.000	531.396	2372218.43	0.2472	P	2.0
8	☐	1000.000	973.285	4254192.37	0.4528	P	3.8
9	☐			13629.38	0.0015	P	3.9

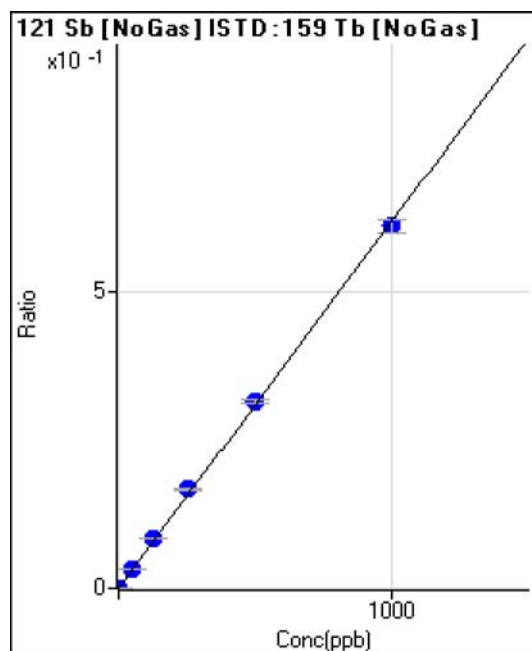
$$y = 4.6515\text{E-}004 * x + 4.9389\text{E-}005$$

$$R = 0.9985$$

$$DL = 0.01497$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0000	P	28.6
2	☐	0.200					
3	☐	2.000	1.978	11613.57	0.0012	P	1.1
4	☐	50.000	54.613	316609.28	0.0338	P	1.0
5	☐	125.000	135.622	742245.65	0.0839	P	0.5
6	☐	250.000	270.081	1552311.42	0.1670	P	0.5
7	☐	500.000	508.874	3018865.13	0.3146	P	2.1
8	☐	1000.000	988.984	5745998.43	0.6115	P	3.4
9	☐			8672.49	0.0009	P	2.6

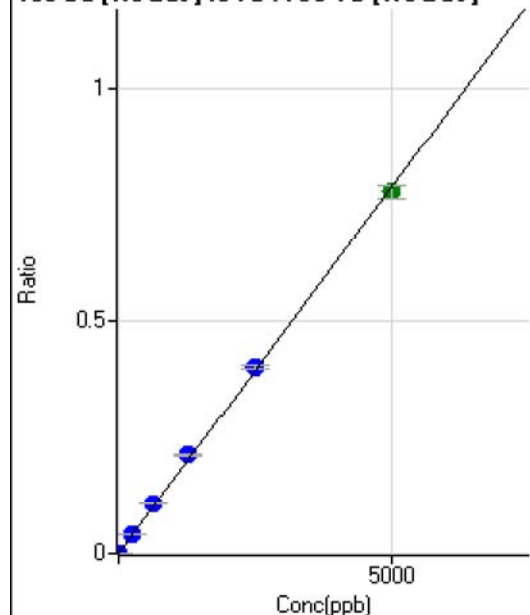
$$y = 6.1826\text{E-}004 * x + 5.2895\text{E-}006$$

$$R = 0.9997$$

$$DL = 0.007346$$

Weight: <None>

Min Conc: 0

135 Ba [NoGas] ISTD : 159 Tb [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	50.00	0.0000	P	60.5
2	☐	1.000					
3	☐	10.000	9.808	14669.43	0.0016	P	2.6
4	☐	250.000	273.450	404232.99	0.0431	P	0.2
5	☐	625.000	674.706	941649.88	0.1064	P	0.4
6	☐	1250.000	1349.847	1978458.75	0.2128	P	0.7
7	☐	2500.000	2546.868	3853134.55	0.4016	P	1.8
8	☐	5000.000	4944.219	7325341.75	0.7795	A	3.4
9	☐			3522.82	0.0004	P	10.4

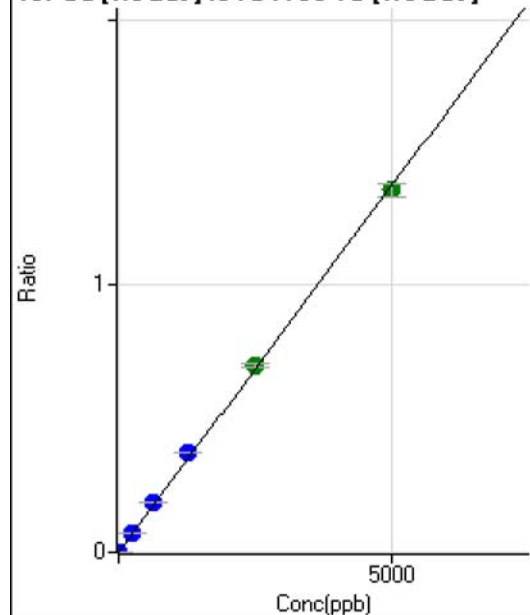
$$y = 1.5766E-004 * x + 5.3010E-006$$

$$R = 0.9997$$

$$DL = 0.06102$$

Weight: <None>

Min Conc: 0

137 Ba [NoGas] ISTD : 159 Tb [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	30.56	0.0000	P	30.9
2	☐	1.000					
3	☐	10.000	9.906	25799.80	0.0027	P	1.6
4	☐	250.000	274.046	706949.02	0.0754	P	0.8
5	☐	625.000	681.214	1659142.95	0.1874	P	0.3
6	☐	1250.000	1360.302	3479391.92	0.3743	P	0.8
7	☐	2500.000	2538.423	6701891.90	0.6984	A	1.9
8	☐	5000.000	4944.984	12783959.49	1.3606	A	3.5
9	☐			6407.31	0.0007	P	3.1

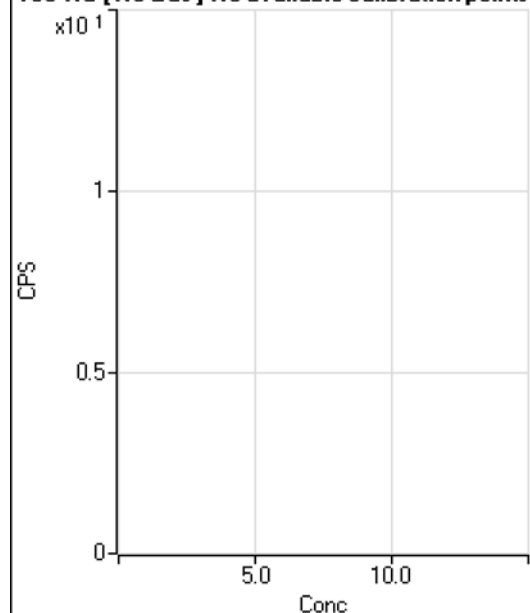
$$y = 2.7515E-004 * x + 3.2300E-006$$

$$R = 0.9997$$

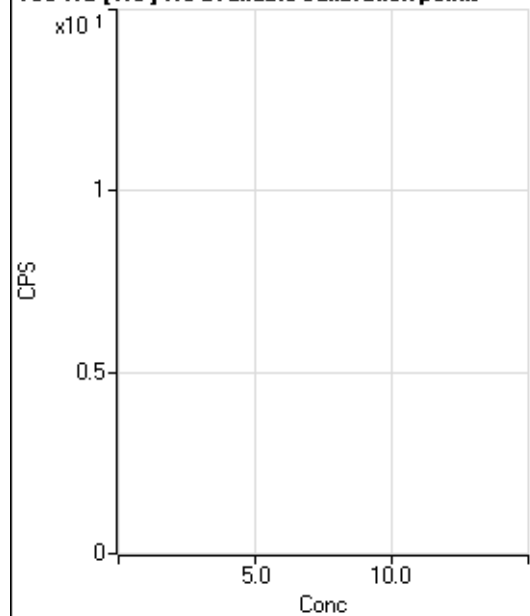
$$DL = 0.01088$$

Weight: <None>

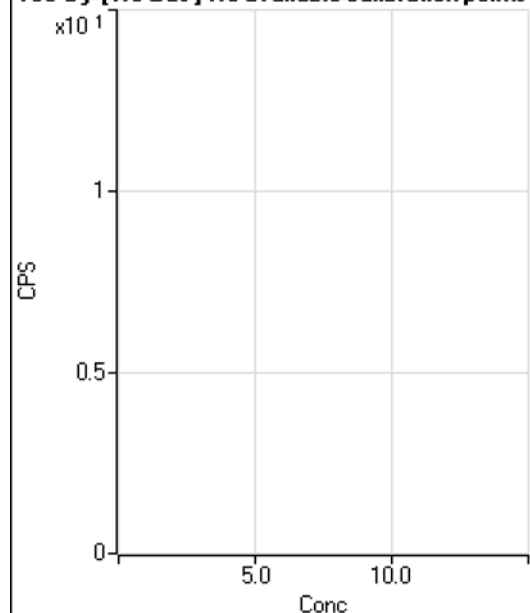
Min Conc: 0

150 Nd [No Gas] No available calibration points

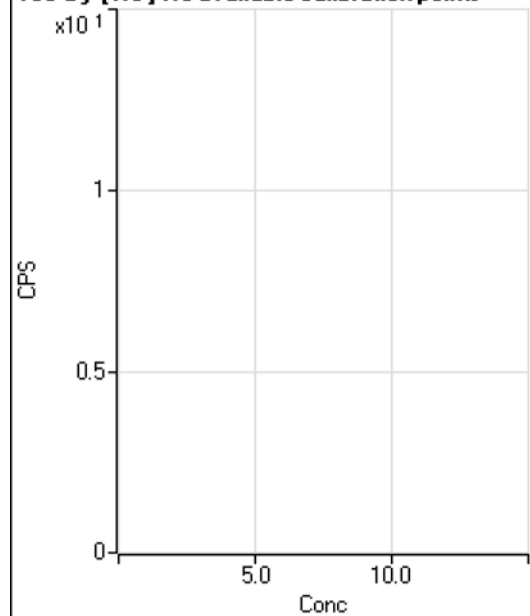
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐						
3	☐			0.00		P	
4	☐			35.56		P	39.0
5	☐			75.56		P	13.5
6	☐			144.45		P	25.4
7	☐			300.01		P	13.5
8	☐			382.24		P	6.1
9	☐			135.56		P	12.4

150 Nd [He] No available calibration points

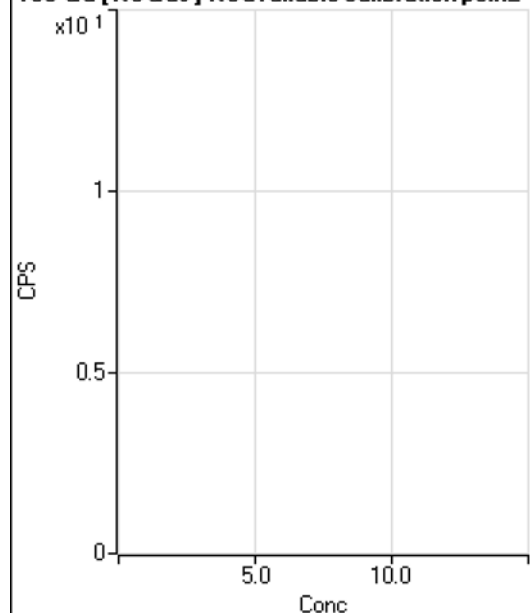
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐						
3	☐			1.11		P	173.
4	☐			11.11		P	45.8
5	☐			18.89		P	10.2
6	☐			21.11		P	9.1
7	☐			46.66		P	12.4
8	☐			45.55		P	29.6
9	☐			38.89		P	17.8

156 Dy [No Gas] No available calibration points

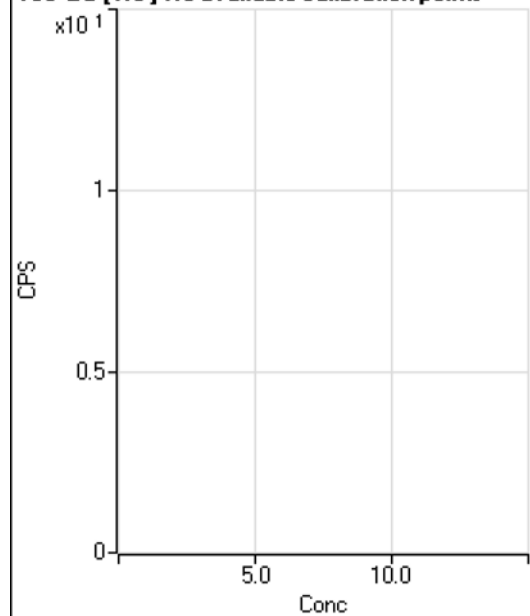
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.78		P	173.
2	☐						
3	☐			8.33		P	0.0
4	☐			16.67		P	132.
5	☐			36.11		P	87.4
6	☐			33.34		P	25.0
7	☐			91.67		P	32.8
8	☐			80.56		P	26.0
9	☐			58.34		P	37.8

156 Dy [He] No available calibration points

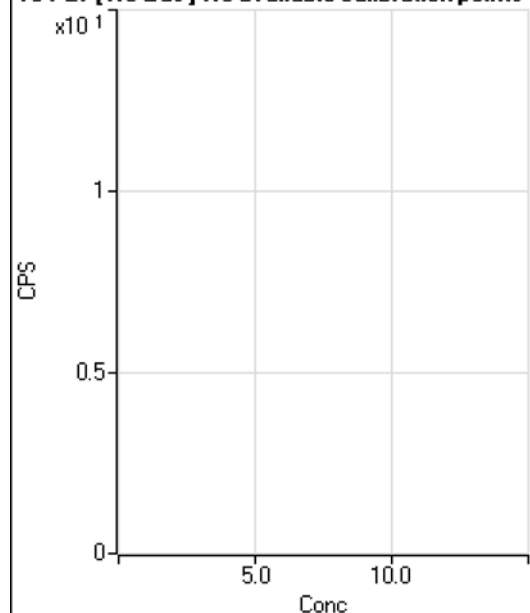
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐						
3	☐			2.22		P	86.6
4	☐			8.89		P	21.6
5	☐			17.78		P	57.3
6	☐			35.55		P	10.8
7	☐			73.33		P	9.1
8	☐			107.78		P	23.2
9	☐			48.89		P	19.7

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

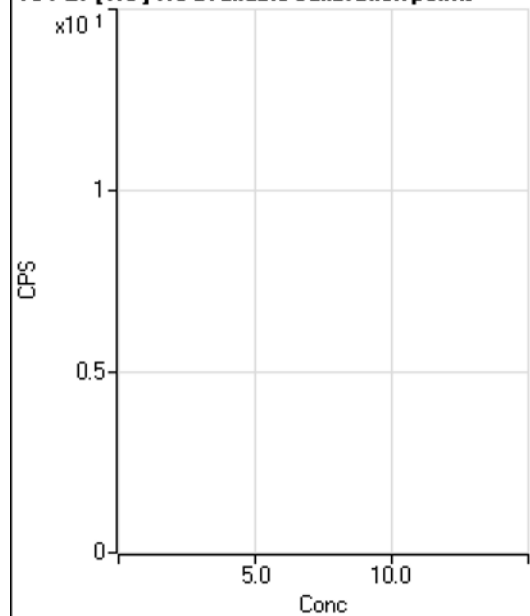
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			58.34		P	24.7
2	☐						
3	☐			44.45		P	92.5
4	☐			44.44		P	21.7
5	☐			44.44		P	60.3
6	☐			58.34		P	51.5
7	☐			88.89		P	28.6
8	☐			44.45		P	28.7
9	☐			88.89		P	35.5

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			118.89		P	32.5
2	☐						
3	☐			114.45		P	17.8
4	☐			122.23		P	6.9
5	☐			114.45		P	22.2
6	☐			128.89		P	5.4
7	☐			113.34		P	31.1
8	☐			98.89		P	8.5
9	☐			106.67		P	15.6

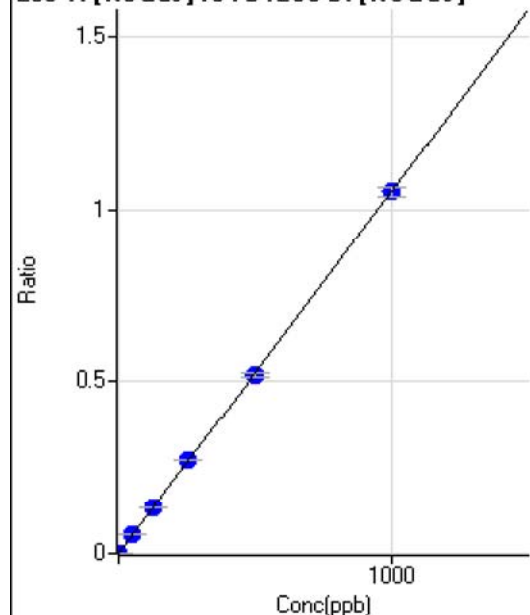
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36.12		P	58.1
2	☐						
3	☐			33.33		P	0.0
4	☐			22.22		P	108.
5	☐			63.89		P	41.9
6	☐			47.22		P	10.2
7	☐			44.44		P	60.3
8	☐			27.78		P	34.6
9	☐			47.23		P	71.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			18.89		P	20.4
2	☐						
3	☐			18.89		P	27.0
4	☐			18.89		P	20.4
5	☐			12.22		P	41.7
6	☐			22.22		P	22.9
7	☐			37.78		P	27.0
8	☐			13.33		P	43.3
9	☐			22.22		P	34.7

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	94.45	0.0000	P	36.3
2	☐	0.100					
3	☐	1.000	0.930	6034.95	0.0010	P	3.2
4	☐	50.000	52.204	333651.23	0.0550	P	0.7
5	☐	125.000	129.250	783008.16	0.1362	P	0.7
6	☐	250.000	260.998	1661402.93	0.2749	P	0.1
7	☐	500.000	492.403	3262557.45	0.5187	P	1.6
8	☐	1000.000	1000.407	6257748.62	1.0537	P	2.8
9	☐			4317.57	0.0008	P	12.1

$$y = 0.0011 * x + 1.5372E-005$$

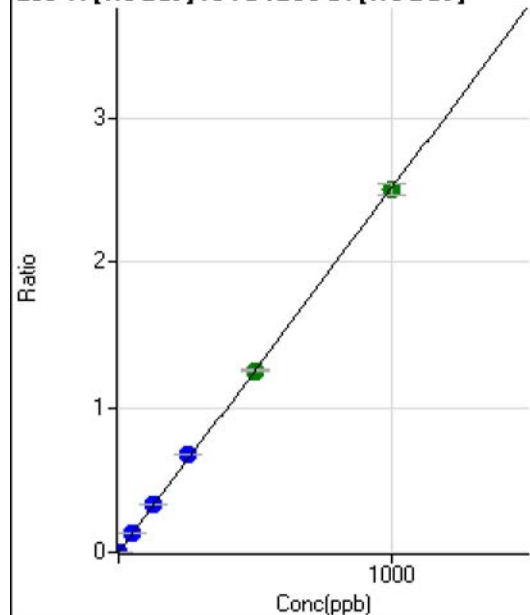
$$R = 0.9999$$

$$DL = 0.01591$$

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	202.79	0.0000	P	26.3
2	☐	0.100					
3	☐	1.000	0.984	15187.03	0.0025	P	2.2
4	☐	50.000	52.354	798512.93	0.1316	P	0.5
5	☐	125.000	131.598	1902572.66	0.3308	P	0.1
6	☐	250.000	266.951	4055322.44	0.6711	P	0.3
7	☐	500.000	498.489	7881986.29	1.2531	A	1.9
8	☐	1000.000	995.575	14860184.88	2.5026	A	3.0
9	☐			10007.00	0.0018	P	3.8

$$y = 0.0025 * x + 3.3056E-005$$

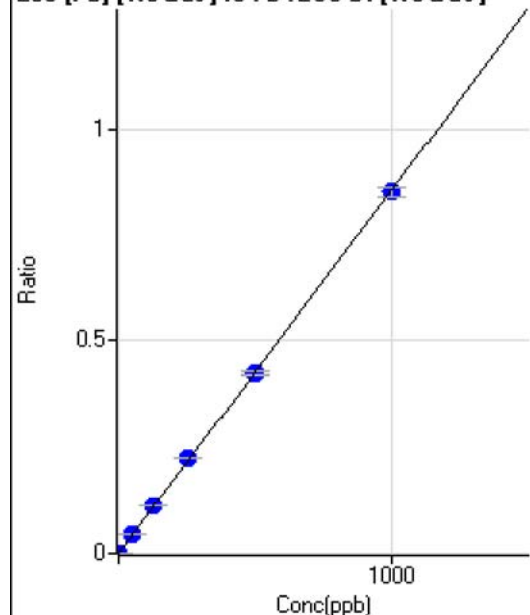
$$R = 0.9998$$

$$DL = 0.0104$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	261.12	0.0000	P	25.6
2	☐	0.100					
3	☐	1.000	0.994	5412.37	0.0009	P	2.5
4	☐	50.000	52.773	274061.25	0.0452	P	0.5
5	☐	125.000	131.040	644784.05	0.1121	P	0.3
6	☐	250.000	263.906	1364261.92	0.2258	P	0.2
7	☐	500.000	498.056	2679666.44	0.4260	P	2.0
8	☐	1000.000	996.602	5062467.01	0.8524	P	2.9
9	☐			33457.39	0.0061	P	2.6

$$y = 8.5527\text{E-}004 * x + 4.2522\text{E-}005$$

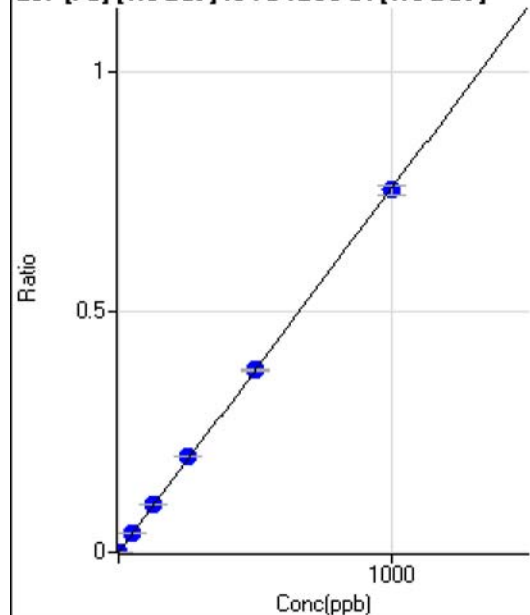
$$R = 0.9999$$

$$DL = 0.03811$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	194.45	0.0000	P	20.1
2	☐	0.100					
3	☐	1.000	0.949	4552.77	0.0008	P	2.7
4	☐	50.000	52.471	241410.40	0.0398	P	0.1
5	☐	125.000	131.072	571423.84	0.0994	P	0.3
6	☐	250.000	262.776	1203617.62	0.1992	P	0.2
7	☐	500.000	499.192	2379820.08	0.3783	P	1.7
8	☐	1000.000	996.328	4484886.90	0.7551	P	2.9
9	☐			27319.36	0.0050	P	0.9

$$y = 7.5783\text{E-}004 * x + 3.1654\text{E-}005$$

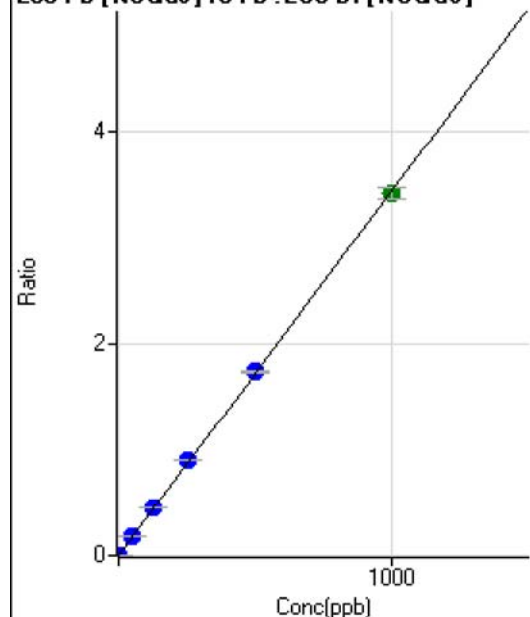
$$R = 0.9999$$

$$DL = 0.02515$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1007.46	0.0002	P	10.5
2	☐	0.100					
3	☐	1.000	0.968	21181.29	0.0035	P	0.8
4	☐	50.000	52.516	1097227.00	0.1809	P	0.1
5	☐	125.000	130.590	2585215.24	0.4495	P	0.2
6	☐	250.000	263.968	5490083.63	0.9085	P	0.1
7	☐	500.000	503.177	10892149.84	1.7316	P	1.8
8	☐	1000.000	994.095	20316177.42	3.4209	A	3.0
9	☐			128933.00	0.0235	P	0.9

$$y = 0.0034 * x + 1.6408E-004$$

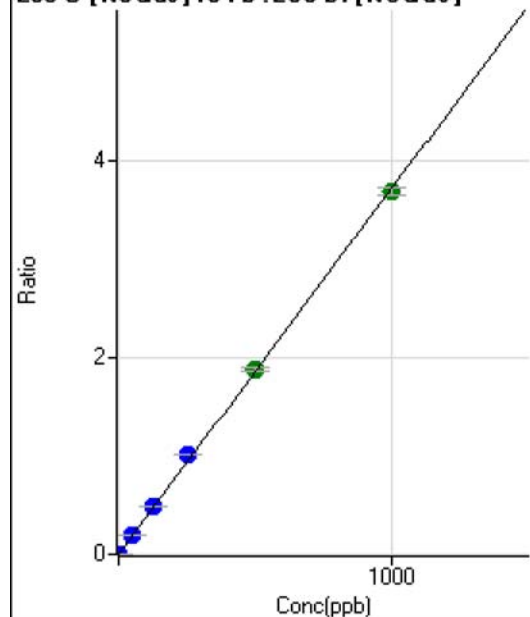
$$R = 0.9999$$

$$DL = 0.01499$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	86.11	0.0000	P	20.2
2	☐	0.100					
3	☐	1.000	0.924	20895.51	0.0034	P	1.2
4	☐	50.000	51.607	1163020.19	0.1917	P	0.1
5	☐	125.000	131.301	2805055.01	0.4878	P	0.3
6	☐	250.000	271.974	6105476.91	1.0103	P	0.2
7	☐	500.000	504.420	11786681.69	1.8738	A	1.6
8	☐	1000.000	991.429	21874299.45	3.6829	A	2.2
9	☐			4951.19	0.0009	P	1.6

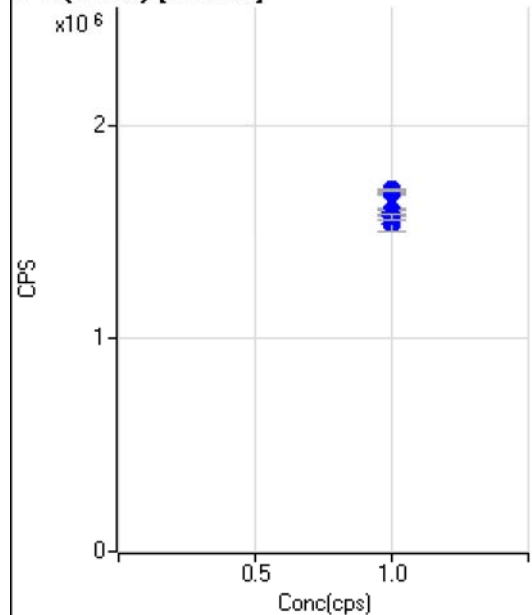
$$y = 0.0037 * x + 1.4033E-005$$

$$R = 0.9997$$

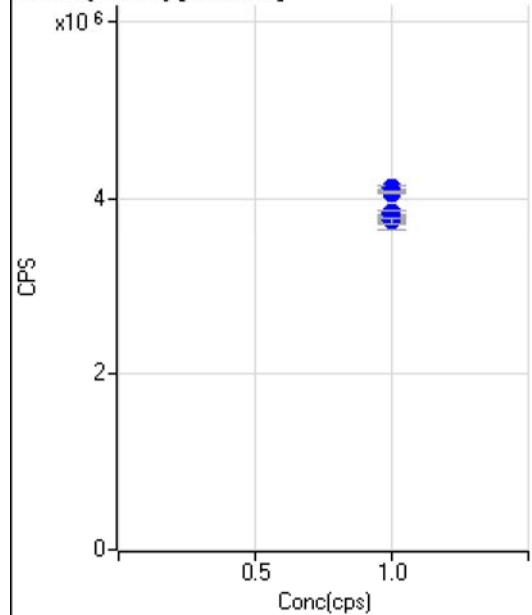
$$DL = 0.002294$$

Weight: <None>

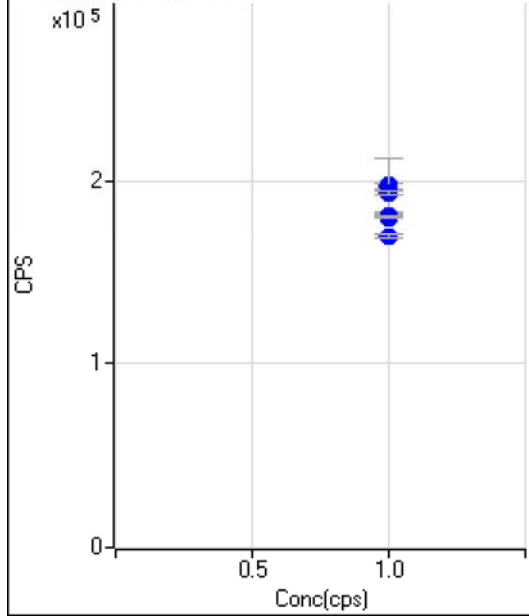
Min Conc: 0

6 Li(ISTD) [No Gas]

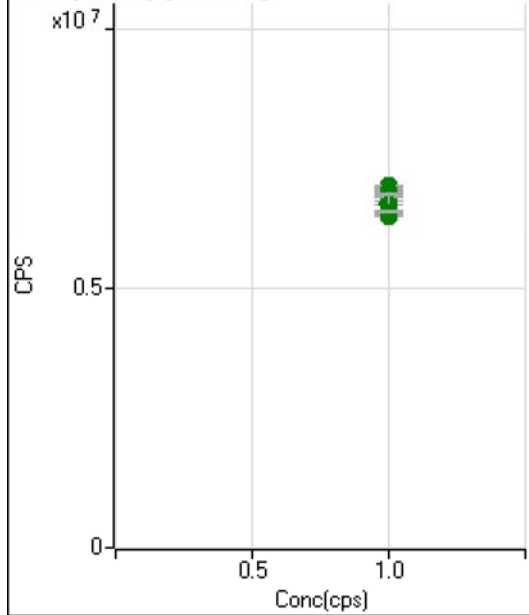
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1685209.47		P	0.4
2	☐	1.000					
3	☐	1.000		1699423.50		P	0.8
4	☐	1.000		1702087.41		P	0.2
5	☐	1.000		1588623.76		P	0.3
6	☐	1.000		1608715.22		P	0.7
7	☐	1.000		1593990.79		P	1.3
8	☐	1.000		1541794.79		P	4.3
9	☐	1.000		1575108.55		P	1.5

45 Sc(ISTD) [No Gas]

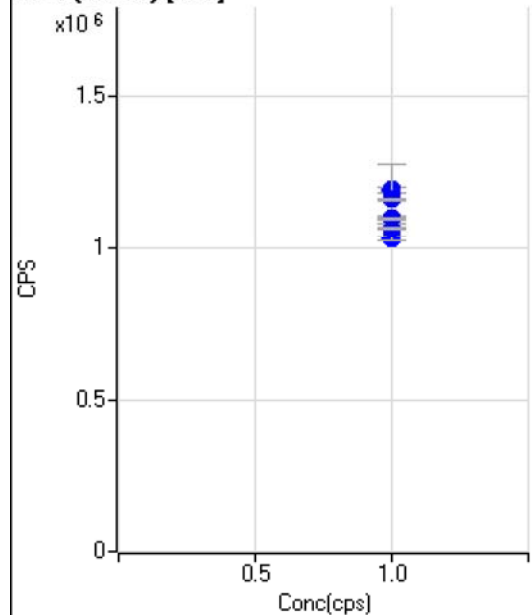
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4118791.98		P	1.0
2	☐	1.000					
3	☐	1.000		4084708.42		P	1.2
4	☐	1.000		4064370.58		P	0.5
5	☐	1.000		3750295.09		P	0.5
6	☐	1.000		3841918.92		P	0.7
7	☐	1.000		3830500.17		P	1.3
8	☐	1.000		3752754.60		M	5.8
9	☐	1.000		3749445.96		P	1.7

45 Sc(ISTD)[He]

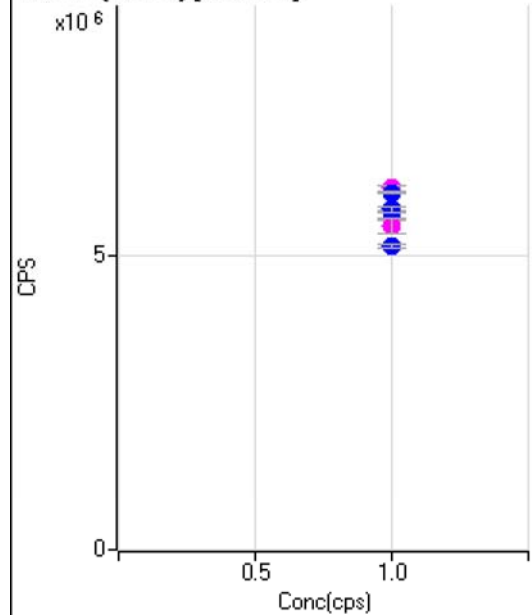
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		196713.71		P	1.6
2	☐	1.000					
3	☐	1.000		197070.91		P	15.3
4	☐	1.000		193182.60		P	1.1
5	☐	1.000		181016.00		P	1.5
6	☐	1.000		180193.21		P	0.3
7	☐	1.000		181220.79		P	0.6
8	☐	1.000		169600.58		P	1.1
9	☐	1.000		180181.59		P	0.2

89 Y(ISTD) [No Gas]

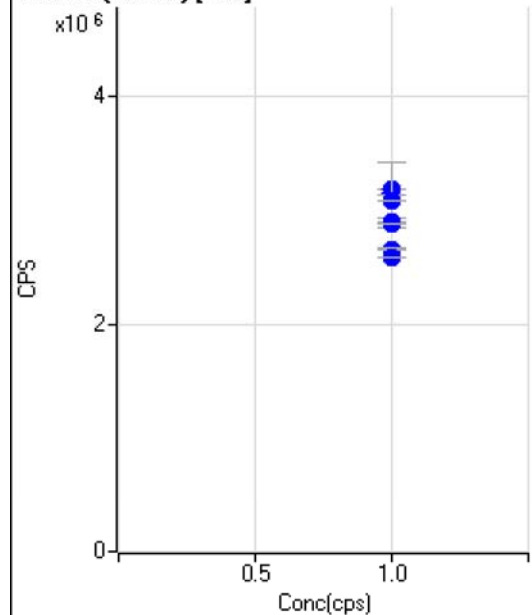
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6994422.39		A	0.5
2	☐	1.000					
3	☐	1.000		6896271.28		A	1.4
4	☐	1.000		6865851.50		A	0.7
5	☐	1.000		6407670.18		A	0.3
6	☐	1.000		6668472.89		A	0.7
7	☐	1.000		6824098.58		A	1.4
8	☐	1.000		6642846.01		A	5.2
9	☐	1.000		6498849.69		A	0.6

89 Y (ISTD) [He]

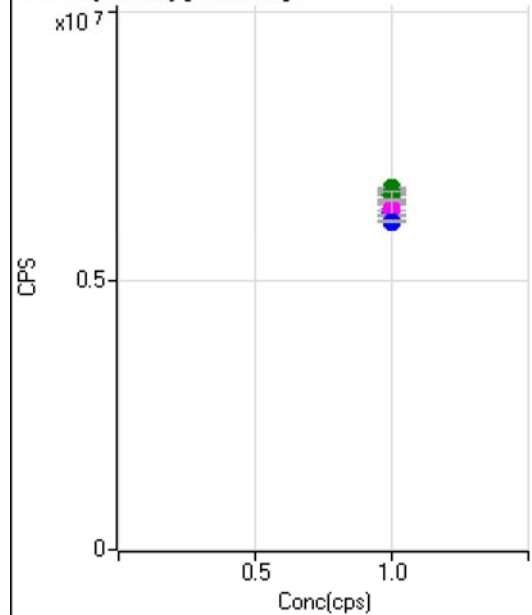
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1189739.13		P	1.4
2	☐	1.000					
3	☐	1.000		1192322.66		P	14.7
4	☐	1.000		1161699.23		P	0.5
5	☐	1.000		1093346.12		P	2.6
6	☐	1.000		1098232.45		P	0.2
7	☐	1.000		1097618.07		P	0.6
8	☐	1.000		1030369.02		P	0.7
9	☐	1.000		1064823.37		P	0.2

103 Rh(ISTD) [NoGas]

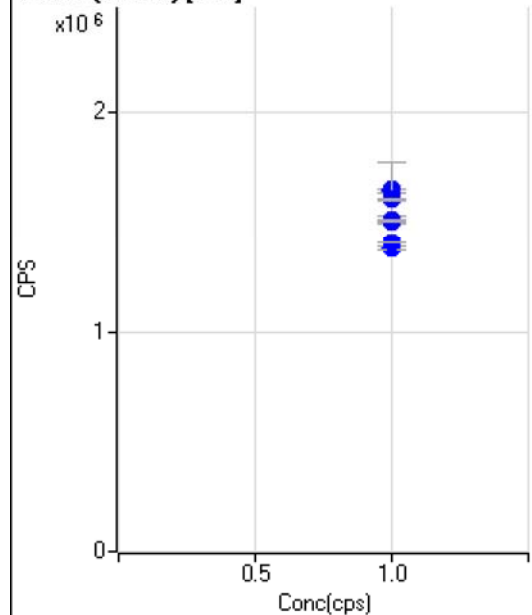
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6165683.99		M	1.4
2	☐	1.000					
3	☐	1.000		6083857.60		M	0.4
4	☐	1.000		6088195.84		P	0.2
5	☐	1.000		5641097.18		P	0.2
6	☐	1.000		5778802.00		P	0.7
7	☐	1.000		5809949.18		P	1.9
8	☐	1.000		5521253.51		M	4.5
9	☐	1.000		5166906.11		P	0.8

103 Rh(ISTD) [He]

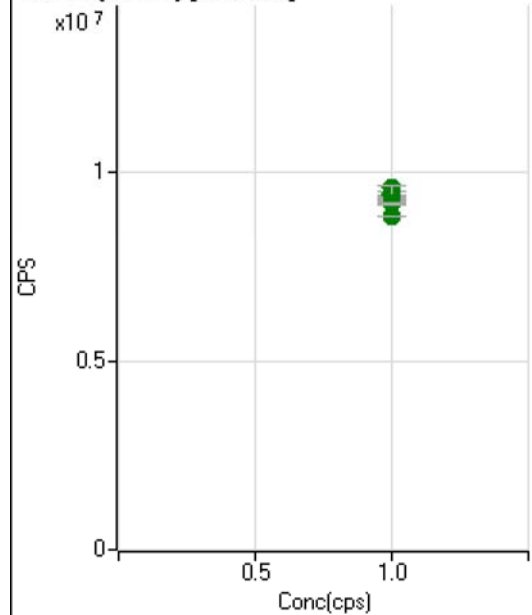
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3163901.93		P	1.7
2	☐	1.000					
3	☐	1.000		3185203.49		P	15.2
4	☐	1.000		3090769.09		P	0.4
5	☐	1.000		2896708.74		P	2.6
6	☐	1.000		2896082.60		P	0.2
7	☐	1.000		2886220.13		P	0.5
8	☐	1.000		2658697.65		P	0.9
9	☐	1.000		2582784.87		P	0.4

115 In(ISTD) [NoGas]

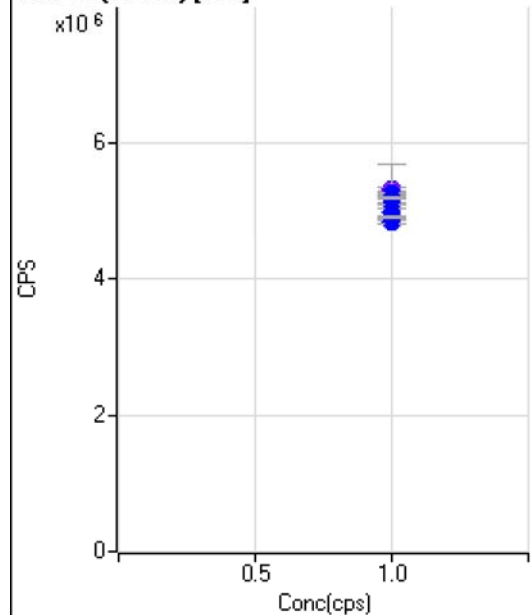
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6748922.50		A	0.6
2	☐	1.000					
3	☐	1.000		6691843.90		A	1.6
4	☐	1.000		6647525.88		A	0.7
5	☐	1.000		6290977.65		P	0.8
6	☐	1.000		6445620.02		A	0.4
7	☐	1.000		6618924.47		A	1.9
8	☐	1.000		6377239.03		M	4.7
9	☐	1.000		6127448.94		P	0.9

115 In(ISTD) [He]

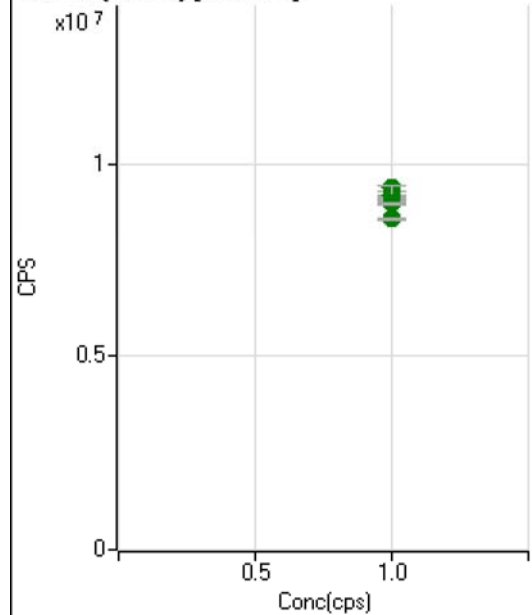
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1645715.62		P	1.5
2	☐	1.000					
3	☐	1.000		1650936.32		P	14.9
4	☐	1.000		1606208.20		P	0.6
5	☐	1.000		1512707.17		P	2.2
6	☐	1.000		1509710.97		P	0.3
7	☐	1.000		1508243.76		P	0.2
8	☐	1.000		1383122.55		P	1.1
9	☐	1.000		1408541.16		P	0.4

159 Tb(ISTD) [NoGas]

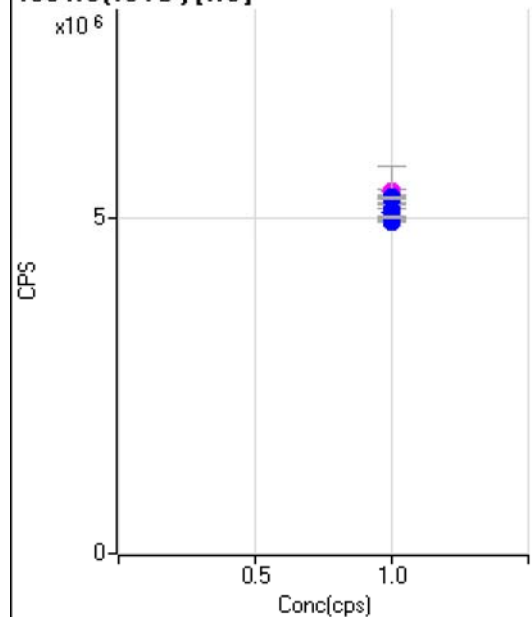
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9449546.25		A	0.8
2	☐	1.000					
3	☐	1.000		9455519.58		A	1.0
4	☐	1.000		9374913.47		A	0.7
5	☐	1.000		8851636.19		A	0.5
6	☐	1.000		9296181.25		A	0.5
7	☐	1.000		9597336.73		A	1.6
8	☐	1.000		9405720.00		A	5.4
9	☐	1.000		9190144.52		A	0.9

159 Tb(ISTD) [He]

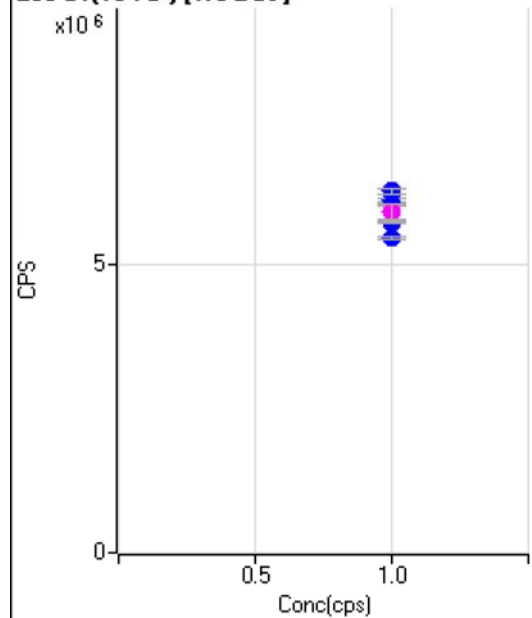
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5325943.39		P	1.2
2	☐	1.000					
3	☐	1.000		5316596.90		M	14.6
4	☐	1.000		5268337.70		P	0.3
5	☐	1.000		5008542.98		P	2.3
6	☐	1.000		5126773.88		P	0.2
7	☐	1.000		5205195.79		P	0.3
8	☐	1.000		4860264.20		P	1.0
9	☐	1.000		4922405.48		P	0.4

165 Ho(ISTD) [NoGas]

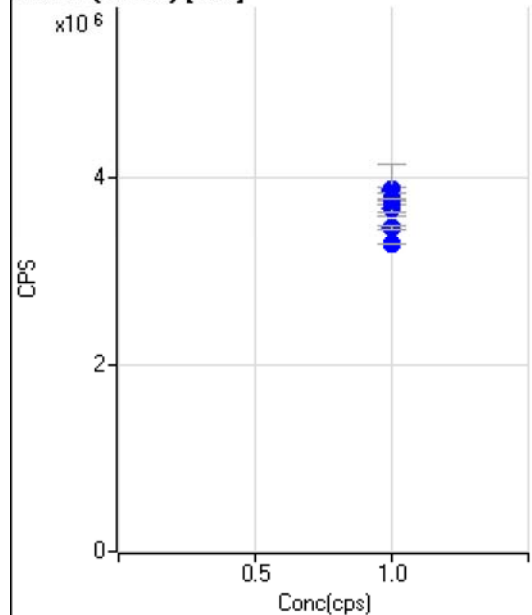
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9208805.41		A	1.2
2	☐	1.000					
3	☐	1.000		9156356.72		A	1.0
4	☐	1.000		9081642.82		A	0.6
5	☐	1.000		8585029.97		A	0.5
6	☐	1.000		9049968.95		A	0.2
7	☐	1.000		9369198.65		A	1.6
8	☐	1.000		9179807.84		A	5.4
9	☐	1.000		8963891.09		A	0.5

¹⁶⁵Ho(ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5405864.22		P	1.6
2	☐	1.000					
3	☐	1.000		5401955.61		M	14.6
4	☐	1.000		5330996.24		P	0.4
5	☐	1.000		5097315.58		P	2.1
6	☐	1.000		5226747.84		P	0.5
7	☐	1.000		5314946.52		P	0.4
8	☐	1.000		4963761.42		P	0.8
9	☐	1.000		5021318.71		P	0.5

²⁰⁹Pb(ISTD) [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6138038.04		P	0.6
2	☐	1.000					
3	☐	1.000		6063082.34		P	1.4
4	☐	1.000		6066256.30		P	0.3
5	☐	1.000		5750963.25		P	0.2
6	☐	1.000		6043143.59		P	0.2
7	☐	1.000		6291303.24		P	1.5
8	☐	1.000		5942543.73		M	4.5
9	☐	1.000		5477065.02		P	1.0

209 Bi(ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3870743.03		P	1.5
2	☐	1.000					
3	☐	1.000		3860561.96		P	14.4
4	☐	1.000		3834608.07		P	0.4
5	☐	1.000		3666474.08		P	2.4
6	☐	1.000		3759787.65		P	0.3
7	☐	1.000		3783126.30		P	0.1
8	☐	1.000		3472467.31		P	0.9
9	☐	1.000		3278017.73		P	0.1

US EPA Tune Check Sample Report

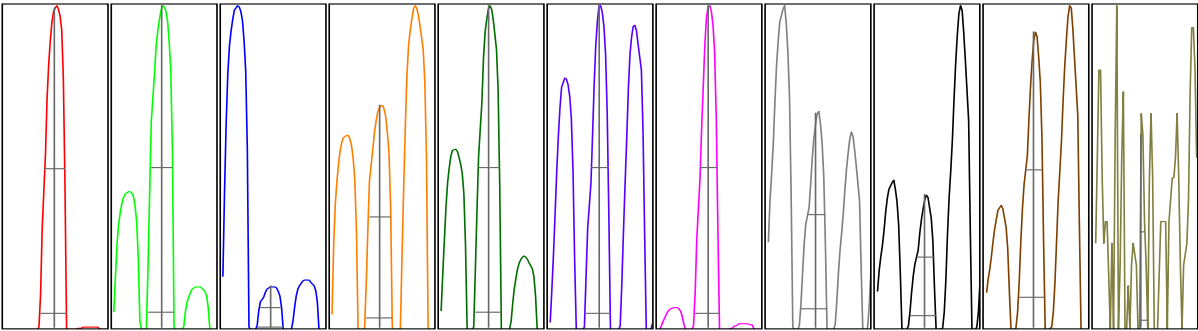
Batch Folder D:\ICP-MS Data\P7061418 MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	3927	0.40	5.00	
24	64294	0.29	5.00	
25	8416	0.08	5.00	
26	9891	0.33	5.00	
59	34820	0.17	5.00	
113	4881	0.62	5.00	
115	66763	1.24	5.00	
206	15488	0.23	5.00	
207	14334	0.28	5.00	
208	33799	0.22	5.00	
220	0	41.29		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	3904	3938	3920	3936	3940
24	64101	64185	64199	64445	64542
25	8423	8408	8409	8418	8421
26	9843	9919	9883	9923	9887
59	34861	34832	34873	34721	34809
113	4932	4884	4867	4855	4866
115	67774	67268	66949	65877	65947
206	15431	15507	15473	15512	15517
207	14291	14312	14322	14354	14395
208	33757	33722	33787	33804	33923
220	0	0	0	0	0

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	6753	9.00	8.9 - 9.1		0.773	0.900	
24	105497	23.95	23.9 - 24.1		0.783	0.900	
25	14030	24.95	24.9 - 25.1		0.763	0.900	
26	16182	25.95	25.9 - 26.1		0.784	0.900	
59	60271	58.95	58.9 - 59.1		0.781	0.900	
113	9727	113.00	112.9 - 113.1		0.728	0.900	
115	135004	115.00	114.9 - 115.1		0.722	0.900	
206	30334	205.95	205.9 - 206.1		0.748	0.900	
207	27693	206.95	206.9 - 207.1		0.747	0.900	
208	66591	207.95	207.9 - 208.1		0.754	0.900	
220	0	219.90	-		0.240		

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	9.0	V	Deflect	15.2	V
Extract 2	-145.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-70	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination		5.0 V
He Flow	0.0	mL/min	OctP RF	200	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	9284	2.03	
89	26076	1.92	
205	13974	2.16	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	9353	8955	9309	9423	9379
89	26251	25207	26280	26480	26160
205	14070	13443	14046	14204	14105

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	9.3	V	Deflect	2.2	V
Extract 2	-110.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-60	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 :	LB96029	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 14:32:35	DataFile Name :	003CALB_P7061418 M9

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.01	-0.01	0.00	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.03	0.00	0.03	0.00	N/A	ppb
Barium	135-1	0.01	0.02	-0.02	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.02	0.00	-0.02	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.09	-0.04	-0.05	0.00	N/A	ppb
Boron	11-1	-0.23	0.10	0.13	0.00	N/A	ppb
Cadmium	111-1	-0.03	-0.01	0.04	0.00	N/A	ppb
Cadmium	106-1	-0.63	-0.24	0.87	0.00	N/A	ppb
Cadmium	108-1	0.03	-0.06	0.03	0.00	N/A	ppb
Calcium	43-1	2.09	-1.48	-0.61	0.00	N/A	ppb
Calcium	44-1	-0.37	1.46	-1.09	0.00	N/A	ppb
Chromium	52-2	0.00	0.01	-0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.01	-0.01	-0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.09	-0.09	0.18	0.00	N/A	ppb
Iron	57-2	0.93	0.32	-1.25	0.00	N/A	ppb
Lead	206-1	0.01	-0.01	-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	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.36	-0.28	-0.08	0.00	N/A	ppb
Manganese	55-2	-0.01	0.00	0.01	0.00	N/A	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 14:32:35	DataFile Name :	003CALB_P7061418 M9

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.01	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	-0.01	-0.03	0.00	N/A	ppb
Phosphorus	31-2	4.19	-6.04	6.35	1.50	440.59	ppb
Potassium	39-2	2.34	-4.99	2.66	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-0.50	0.24	0.26	0.00	N/A	ppb
Selenium	78-2	0.26	-0.36	0.10	0.00	N/A	ppb
Selenium	82-1	0.17	-0.12	-0.05	0.00	N/A	ppb
Silicon	28-1	-1.16	0.68	0.48	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.37	-0.50	0.87	0.00	N/A	ppb
Strontium	86-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-171.54	-72.11	-185.97	-143.21		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.00	0.01	0.00	N/A	ppb
Titanium	47-1	0.00	-0.02	0.02	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.09	0.01	0.08	0.00	N/A	ppb
Zirconium	90-1	0.00	-0.01	0.01	0.00	N/A	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 14:32:35	DataFile Name :	003CALB_P7061418 MS

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

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 14:40:19	DataFile Name :	005CALS_P7061418 M9

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.38	22.21	22.42	19.67	23.29	ppb
Antimony	121-1	2.00	1.97	1.96	1.98	1.07	ppb
Arsenic	75-2	0.94	1.26	1.02	1.07	15.47	ppb
Barium	135-1	10.08	9.56	9.79	9.81	2.65	ppb
Barium	137-1	9.89	9.76	10.07	9.91	1.57	ppb
Beryllium	9-1	1.13	1.13	1.14	1.14	0.55	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	22.86	25.22	23.53	23.87	5.11	ppb
Boron	11-1	23.26	24.49	25.08	24.28	3.82	ppb
Cadmium	111-1	1.08	1.02	1.04	1.04	2.82	ppb
Cadmium	106-1	2.40	1.04	1.80	1.75	38.93	ppb
Cadmium	108-1	0.99	1.10	1.35	1.15	16.11	ppb
Calcium	43-1	428.74	423.95	459.50	437.40	4.41	ppb
Calcium	44-1	446.83	429.13	443.47	439.81	2.14	ppb
Chromium	52-2	1.73	2.34	2.43	2.17	17.50	ppb
Cobalt	59-2	0.82	1.06	1.19	1.02	18.54	ppb
Copper	63-2	1.61	2.24	2.23	2.03	17.74	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				99		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	41.29	55.80	54.27	50.45	15.80	ppb
Iron	57-2	39.10	59.13	53.78	50.67	20.47	ppb
Lead	206-1	0.97	1.02	0.99	0.99	2.66	ppb
Lead	207-1	0.96	0.92	0.97	0.95	2.78	ppb
Lead	208-1	0.96	0.97	0.98	0.97	0.79	ppb
Lithium	6-1				101		%
Magnesium	24-2	372.63	498.12	487.50	452.75	15.37	ppb
Manganese	55-2	0.86	1.15	1.07	1.02	14.52	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 14:40:19	DataFile Name :	005CAL5_P7061418 M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.88	4.96	5.06	4.97	1.80	ppb
Molybdenum	95-1	5.12	4.98	5.07	5.06	1.37	ppb
Molybdenum	96-1	4.96	4.85	5.10	4.97	2.52	ppb
Molybdenum	97-1	5.07	5.07	4.95	5.03	1.32	ppb
Molybdenum	98-1	4.98	4.89	5.00	4.96	1.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.86	1.23	1.28	1.12	20.25	ppb
Phosphorus	31-2	-12.33	15.30	-7.47	-1.50		ppb
Potassium	39-2	380.07	547.14	512.53	479.91	18.37	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	77-2	5.92	5.29	6.81	6.00	12.70	ppb
Selenium	78-2	4.67	4.14	8.24	5.68	39.23	ppb
Selenium	82-1	4.90	4.84	5.20	4.98	3.85	ppb
Silicon	28-1	13.86	12.85	14.57	13.76	6.29	ppb
Silver	109-1	1.05	1.05	1.09	1.06	1.98	ppb
Silver	107-1	1.04	1.08	1.07	1.07	2.11	ppb
Sodium	23-2	379.57	508.07	506.34	464.66	15.86	ppb
Strontium	86-1	1.04	0.91	1.01	0.99	6.89	ppb
Strontium	88-1	1.01	1.00	1.03	1.01	1.47	ppb
Sulfur	34-1	150.97	86.68	191.97	143.21	37.06	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.90	0.92	0.96	0.93	3.29	ppb
Thallium	205-1	0.99	0.96	1.00	0.98	2.26	ppb
Tin	118-1	5.16	5.12	5.35	5.21	2.42	ppb
Titanium	47-1	5.12	5.38	4.98	5.16	3.96	ppb
Uranium	238-1	0.93	0.91	0.93	0.92	1.18	ppb
Vanadium	51-2	3.97	5.13	5.17	4.76	14.37	ppb
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	1.77	2.10	2.37	2.08	14.47	ppb
Zirconium	90-1	1.00	0.99	1.01	1.00	0.73	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 14:40:19	DataFile Name :	005CALS_P7061418 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.12	1.01	1.12	1.08	5.98	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 14:44:12	DataFile Name :	006CAL5_P7061418 M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1009.32	1029.82	1002.66	1013.93	1.40	ppb
Antimony	121-1	54.96	54.88	54.00	54.61	0.98	ppb
Arsenic	75-2	53.88	54.29	54.39	54.19	0.50	ppb
Barium	135-1	273.22	273.08	274.05	273.45	0.19	ppb
Barium	137-1	275.29	275.42	271.44	274.05	0.83	ppb
Beryllium	9-1	56.74	57.31	57.57	57.20	0.74	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	55.42	59.41	55.42	56.75	4.06	ppb
Boron	11-1	55.07	55.17	55.17	55.14	0.10	ppb
Cadmium	111-1	57.14	57.21	58.10	57.49	0.93	ppb
Cadmium	106-1	57.30	56.17	63.30	58.92	6.51	ppb
Cadmium	108-1	57.39	57.92	59.02	58.11	1.43	ppb
Calcium	43-1	4836.23	4843.94	4896.88	4859.01	0.68	ppb
Calcium	44-1	4945.81	4924.41	4941.59	4937.27	0.23	ppb
Chromium	52-2	53.07	53.82	53.81	53.57	0.80	ppb
Cobalt	59-2	53.61	54.31	54.17	54.03	0.69	ppb
Copper	63-2	108.84	109.11	110.05	109.33	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	2710.18	2751.56	2736.58	2732.77	0.77	ppb
Iron	57-2	2693.67	2728.07	2742.77	2721.50	0.93	ppb
Lead	206-1	52.72	53.07	52.53	52.77	0.51	ppb
Lead	207-1	52.49	52.41	52.52	52.47	0.11	ppb
Lead	208-1	52.47	52.54	52.54	52.52	0.07	ppb
Lithium	6-1				101		%
Magnesium	24-2	4918.06	4996.29	4982.23	4965.53	0.84	ppb
Manganese	55-2	105.47	106.90	105.81	106.06	0.70	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 14:44:12	DataFile Name :	006CAL5_P7061418 M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	271.62	272.95	273.58	272.71	0.37	ppb
Molybdenum	95-1	272.32	271.28	270.80	271.46	0.29	ppb
Molybdenum	96-1	270.66	272.26	275.53	272.82	0.91	ppb
Molybdenum	97-1	267.18	268.55	270.92	268.88	0.70	ppb
Molybdenum	98-1	271.80	273.11	273.06	272.66	0.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.62	55.24	54.44	54.77	0.77	ppb
Phosphorus	31-2	1025.25	1170.59	1116.85	1104.23	6.66	ppb
Potassium	39-2	2599.73	2655.86	2606.09	2620.56	1.17	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	77-2	37.77	51.91	62.11	50.60	24.16	ppb
Selenium	78-2	51.65	56.87	55.87	54.80	5.05	ppb
Selenium	82-1	54.91	55.54	56.38	55.61	1.32	ppb
Silicon	28-1	49.16	48.85	49.30	49.10	0.46	ppb
Silver	109-1	57.57	58.03	58.05	57.88	0.47	ppb
Silver	107-1	58.50	58.26	57.86	58.21	0.56	ppb
Sodium	23-2	5087.66	5164.04	5090.26	5113.99	0.85	ppb
Strontium	86-1	55.31	54.82	55.31	55.15	0.51	ppb
Strontium	88-1	55.82	54.52	55.25	55.20	1.18	ppb
Sulfur	34-1	1179.46	1297.13	1226.05	1234.21	4.80	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	52.55	52.19	51.87	52.20	0.66	ppb
Thallium	205-1	52.56	52.08	52.42	52.35	0.47	ppb
Tin	118-1	58.29	57.17	57.22	57.56	1.10	ppb
Titanium	47-1	273.85	273.27	271.09	272.74	0.53	ppb
Uranium	238-1	51.69	51.54	51.60	51.61	0.14	ppb
Vanadium	51-2	52.29	52.73	53.45	52.82	1.11	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	109.47	109.50	111.39	110.12	1.00	ppb
Zirconium	90-1	53.57	53.76	53.68	53.67	0.18	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 14:44:12	DataFile Name :	006CALS_P7061418 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	53.95	53.35	54.61	53.97	1.17	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 14:48:05	DataFile Name :	007CAL5_P7061418 M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2541.08	2538.38	2552.32	2543.93	0.29	ppb
Antimony	121-1	135.48	135.01	136.38	135.62	0.51	ppb
Arsenic	75-2	134.97	133.49	132.71	133.72	0.86	ppb
Barium	135-1	673.79	672.68	677.64	674.71	0.39	ppb
Barium	137-1	679.14	683.69	680.81	681.21	0.34	ppb
Beryllium	9-1	141.53	139.83	138.24	139.87	1.17	ppb
Bismuth	209-1				94		%
Bismuth	209-2				95		%
Boron	10-1	128.24	140.16	132.85	133.75	4.49	ppb
Boron	11-1	131.90	142.11	136.30	136.77	3.74	ppb
Cadmium	111-1	141.43	140.40	142.04	141.29	0.59	ppb
Cadmium	106-1	138.56	140.99	145.63	141.73	2.53	ppb
Cadmium	108-1	143.58	142.75	149.32	145.22	2.47	ppb
Calcium	43-1	12377.21	12111.50	12242.68	12243.79	1.09	ppb
Calcium	44-1	12494.83	12519.72	12482.19	12498.92	0.15	ppb
Chromium	52-2	131.73	132.44	132.81	132.33	0.41	ppb
Cobalt	59-2	132.71	132.81	133.98	133.17	0.53	ppb
Copper	63-2	269.52	270.23	268.21	269.32	0.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				94		%
Indium	115-1				93		%
Indium	115-2				92		%
Iron	56-2	6751.47	6777.17	6722.51	6750.38	0.41	ppb
Iron	57-2	6787.41	6695.44	6728.79	6737.21	0.69	ppb
Lead	206-1	131.12	131.36	130.64	131.04	0.28	ppb
Lead	207-1	130.81	130.82	131.59	131.07	0.34	ppb
Lead	208-1	130.77	130.66	130.34	130.59	0.17	ppb
Lithium	6-1				94		%
Magnesium	24-2	12418.64	12403.99	12511.28	12444.64	0.47	ppb
Manganese	55-2	261.93	262.84	261.06	261.94	0.34	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 14:48:05	DataFile Name :	007CAL5_P7061418 M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	676.15	678.67	677.14	677.32	0.19	ppb
Molybdenum	95-1	678.50	675.09	674.39	675.99	0.33	ppb
Molybdenum	96-1	683.48	678.95	681.12	681.18	0.33	ppb
Molybdenum	97-1	673.16	675.18	668.24	672.19	0.53	ppb
Molybdenum	98-1	681.43	684.65	681.56	682.54	0.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	135.53	134.21	134.56	134.77	0.51	ppb
Phosphorus	31-2	2772.76	2757.24	2559.56	2696.52	4.41	ppb
Potassium	39-2	6494.21	6551.12	6501.26	6515.53	0.48	ppb
Rhodium	103-1				91		%
Rhodium	103-2				92		%
Scandium	45-1				91		%
Scandium	45-2				92		%
Selenium	77-2	133.84	127.48	138.52	133.28	4.16	ppb
Selenium	78-2	136.39	134.50	135.16	135.35	0.71	ppb
Selenium	82-1	138.99	142.23	140.20	140.47	1.16	ppb
Silicon	28-1	123.90	122.48	123.39	123.26	0.58	ppb
Silver	109-1	140.28	140.61	142.22	141.04	0.74	ppb
Silver	107-1	140.71	140.73	142.13	141.19	0.58	ppb
Sodium	23-2	12866.63	12903.65	12957.06	12909.11	0.35	ppb
Strontium	86-1	138.40	139.41	138.40	138.73	0.42	ppb
Strontium	88-1	138.42	138.60	137.58	138.20	0.39	ppb
Sulfur	34-1	3232.51	3186.92	3308.20	3242.54	1.89	ppb
Terbium	159-1				94		%
Terbium	159-2				94		%
Thallium	203-1	129.26	128.36	130.13	129.25	0.68	ppb
Thallium	205-1	131.76	131.63	131.40	131.60	0.14	ppb
Tin	118-1	140.86	142.31	142.50	141.89	0.63	ppb
Titanium	47-1	682.88	675.42	673.31	677.20	0.74	ppb
Uranium	238-1	131.36	130.88	131.66	131.30	0.30	ppb
Vanadium	51-2	132.81	131.04	129.58	131.15	1.23	ppb
Yttrium	89-1				92		%
Yttrium	89-2				92		%
Zinc	66-2	275.37	271.86	272.29	273.17	0.70	ppb
Zirconium	90-1	134.50	135.27	134.30	134.69	0.38	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 14:48:05	DataFile Name :	007CALS_P7061418 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	136.10	137.25	135.68	136.34	0.60	ppb

LB Number : LB96029 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-14 14:51:54 DataFile Name : 008CAL5_P7061418 M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5163.69	5128.65	5164.45	5152.26	0.40	ppb
Antimony	121-1	269.60	271.54	269.10	270.08	0.48	ppb
Arsenic	75-2	259.17	263.88	263.82	262.29	1.03	ppb
Barium	135-1	1347.48	1359.61	1342.44	1349.85	0.65	ppb
Barium	137-1	1362.73	1370.15	1348.03	1360.30	0.83	ppb
Beryllium	9-1	280.50	279.22	273.88	277.87	1.26	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	10-1	259.39	269.23	279.18	269.26	3.67	ppb
Boron	11-1	267.44	269.60	274.83	270.63	1.40	ppb
Cadmium	111-1	277.70	279.78	276.90	278.13	0.53	ppb
Cadmium	106-1	273.87	296.92	285.70	285.50	4.04	ppb
Cadmium	108-1	278.28	284.51	276.94	279.91	1.44	ppb
Calcium	43-1	24359.95	24620.63	24413.17	24464.58	0.56	ppb
Calcium	44-1	24676.90	24820.89	24538.31	24678.70	0.57	ppb
Chromium	52-2	265.28	264.43	260.03	263.25	1.07	ppb
Cobalt	59-2	266.16	266.37	264.48	265.67	0.39	ppb
Copper	63-2	535.14	534.67	529.80	533.20	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				98		%
Holmium	165-2				97		%
Indium	115-1				96		%
Indium	115-2				92		%
Iron	56-2	13531.96	13540.09	13372.54	13481.53	0.70	ppb
Iron	57-2	13486.83	13628.72	13416.68	13510.74	0.80	ppb
Lead	206-1	263.48	263.60	264.64	263.91	0.24	ppb
Lead	207-1	262.14	263.25	262.94	262.78	0.22	ppb
Lead	208-1	264.01	264.28	263.61	263.97	0.13	ppb
Lithium	6-1				95		%
Magnesium	24-2	25393.57	25385.52	25110.13	25296.40	0.64	ppb
Manganese	55-2	527.98	524.38	520.25	524.20	0.74	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 14:51:54	DataFile Name :	008CAL5_P7061418 M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1364.45	1375.50	1355.13	1365.03	0.75	ppb
Molybdenum	95-1	1358.95	1371.55	1355.56	1362.02	0.62	ppb
Molybdenum	96-1	1374.37	1382.40	1361.36	1372.71	0.77	ppb
Molybdenum	97-1	1342.01	1353.63	1341.50	1345.71	0.51	ppb
Molybdenum	98-1	1342.36	1388.32	1376.56	1369.08	1.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	270.15	268.71	265.76	268.21	0.83	ppb
Phosphorus	31-2	5314.01	5512.30	5472.11	5432.81	1.93	ppb
Potassium	39-2	13127.78	13029.64	12943.70	13033.71	0.71	ppb
Rhodium	103-1				94		%
Rhodium	103-2				92		%
Scandium	45-1				93		%
Scandium	45-2				92		%
Selenium	77-2	294.39	233.86	267.27	265.17	11.43	ppb
Selenium	78-2	268.11	279.86	268.35	272.11	2.47	ppb
Selenium	82-1	278.66	278.53	268.36	275.18	2.15	ppb
Silicon	28-1	232.08	235.10	230.22	232.47	1.06	ppb
Silver	109-1	276.02	279.64	275.96	277.21	0.76	ppb
Silver	107-1	276.86	280.78	275.25	277.63	1.02	ppb
Sodium	23-2	26061.09	25981.29	25711.61	25918.00	0.71	ppb
Strontium	86-1	275.26	277.33	275.38	275.99	0.42	ppb
Strontium	88-1	279.21	279.90	277.62	278.91	0.42	ppb
Sulfur	34-1	5551.67	5433.93	5177.98	5387.86	3.55	ppb
Terbium	159-1				98		%
Terbium	159-2				96		%
Thallium	203-1	260.73	261.35	260.91	261.00	0.12	ppb
Thallium	205-1	266.53	266.41	267.92	266.95	0.31	ppb
Tin	118-1	284.36	285.41	282.56	284.11	0.51	ppb
Titanium	47-1	1353.39	1355.36	1351.61	1353.45	0.14	ppb
Uranium	238-1	272.70	271.41	271.81	271.97	0.24	ppb
Vanadium	51-2	261.92	262.81	260.18	261.63	0.51	ppb
Yttrium	89-1				95		%
Yttrium	89-2				92		%
Zinc	66-2	545.00	541.42	537.30	541.24	0.71	ppb
Zirconium	90-1	269.03	270.79	269.61	269.81	0.33	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 14:51:54	DataFile Name :	008CALS_P7061418 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	270.98	273.67	270.67	271.77	0.61	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 15:05:03	DataFile Name :	011CALC_P7061418 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9736.25	9720.34	9588.32	9681.64	0.84	ppb
Antimony	121-1	520.83	499.99	505.81	508.87	2.11	ppb
Arsenic	75-2	505.70	506.72	494.45	502.29	1.36	ppb
Barium	135-1	2597.21	2507.33	2536.07	2546.87	1.80	ppb
Barium	137-1	2591.72	2501.62	2521.93	2538.42	1.86	ppb
Beryllium	9-1	523.91	506.97	504.39	511.76	2.07	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	514.54	528.51	532.27	525.11	1.78	ppb
Boron	11-1	525.82	530.98	538.24	531.68	1.17	ppb
Cadmium	111-1	529.14	509.28	513.84	517.42	2.01	ppb
Cadmium	106-1	530.64	504.83	510.22	515.23	2.64	ppb
Cadmium	108-1	527.06	511.08	520.43	519.52	1.54	ppb
Calcium	43-1	47492.11	45975.18	46133.60	46533.63	1.79	ppb
Calcium	44-1	47672.37	46242.70	46373.99	46763.02	1.69	ppb
Chromium	52-2	503.51	505.96	493.49	500.99	1.32	ppb
Cobalt	59-2	506.10	504.70	497.92	502.91	0.87	ppb
Copper	63-2	1006.07	1010.80	996.18	1004.35	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				102		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				92		%
Iron	56-2	25792.84	25756.25	25453.07	25667.39	0.73	ppb
Iron	57-2	25634.53	25820.76	25279.02	25578.10	1.08	ppb
Lead	206-1	509.23	493.89	491.05	498.06	1.96	ppb
Lead	207-1	508.62	497.57	491.39	499.19	1.75	ppb
Lead	208-1	513.48	499.32	496.73	503.18	1.79	ppb
Lithium	6-1				95		%
Magnesium	24-2	48724.01	48981.69	48287.57	48664.42	0.72	ppb
Manganese	55-2	999.63	1003.86	984.30	995.93	1.03	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 15:05:03	DataFile Name :	011CAL5_P7061418 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2590.06	2566.21	2596.05	2584.11	0.61	ppb
Molybdenum	95-1	2588.78	2508.59	2546.95	2548.11	1.57	ppb
Molybdenum	96-1	2611.31	2517.45	2550.98	2559.91	1.86	ppb
Molybdenum	97-1	2591.62	2499.85	2544.01	2545.16	1.80	ppb
Molybdenum	98-1	2591.63	2502.59	2542.18	2545.47	1.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	506.52	509.36	497.26	504.38	1.25	ppb
Phosphorus	31-2	10222.90	10143.87	9882.68	10083.15	1.77	ppb
Potassium	39-2	25032.63	24968.79	24674.59	24892.00	0.77	ppb
Rhodium	103-1				94		%
Rhodium	103-2				91		%
Scandium	45-1				93		%
Scandium	45-2				92		%
Selenium	77-2	521.68	520.84	500.67	514.39	2.31	ppb
Selenium	78-2	488.72	514.81	512.13	505.22	2.84	ppb
Selenium	82-1	525.09	508.05	514.99	516.04	1.66	ppb
Silicon	28-1	496.73	478.64	483.18	486.18	1.94	ppb
Silver	109-1	527.44	507.12	513.39	515.98	2.02	ppb
Silver	107-1	524.44	507.37	510.70	514.17	1.76	ppb
Sodium	23-2	49833.37	49853.03	49184.13	49623.51	0.77	ppb
Strontium	86-1	529.80	512.44	518.69	520.31	1.69	ppb
Strontium	88-1	529.57	512.64	517.75	519.98	1.67	ppb
Sulfur	34-1	9819.21	9125.73	9326.39	9423.78	3.79	ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	501.39	487.69	488.12	492.40	1.58	ppb
Thallium	205-1	509.32	493.51	492.64	498.49	1.88	ppb
Tin	118-1	543.78	523.68	526.72	531.40	2.04	ppb
Titanium	47-1	2611.47	2522.30	2528.41	2554.06	1.95	ppb
Uranium	238-1	513.63	501.39	498.24	504.42	1.61	ppb
Vanadium	51-2	504.78	502.69	492.70	500.06	1.29	ppb
Yttrium	89-1				98		%
Yttrium	89-2				92		%
Zinc	66-2	1024.76	1022.00	1003.75	1016.84	1.12	ppb
Zirconium	90-1	524.25	505.90	508.67	512.94	1.93	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 15:05:03	DataFile Name :	011CALS_P7061418 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	520.94	499.84	506.79	509.19	2.11	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 15:08:46	DataFile Name :	012CALS_P7061418 M9

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19224.83	19436.31	19418.31	19359.82	0.61	ppb
Antimony	121-1	982.86	958.60	1025.49	988.98	3.42	ppb
Arsenic	75-2	993.86	1000.23	989.36	994.48	0.55	ppb
Barium	135-1	4906.52	4800.19	5125.95	4944.22	3.36	ppb
Barium	137-1	4883.11	4809.21	5142.63	4944.98	3.54	ppb
Beryllium	9-1	989.16	954.40	1011.25	984.94	2.91	ppb
Bismuth	209-1				97		%
Bismuth	209-2				90		%
Boron	10-1	950.16	974.48	1019.05	981.23	3.56	ppb
Boron	11-1	947.71	959.95	1024.22	977.29	4.21	ppb
Cadmium	111-1	974.13	947.39	1024.02	981.85	3.96	ppb
Cadmium	106-1	984.20	944.47	1014.24	980.97	3.57	ppb
Cadmium	108-1	964.34	949.83	1025.31	979.83	4.09	ppb
Calcium	43-1	90624.56	86419.86	95378.01	90807.48	4.94	ppb
Calcium	44-1	91219.29	87306.12	95764.49	91429.97	4.63	ppb
Chromium	52-2	989.88	1003.01	992.40	995.10	0.70	ppb
Cobalt	59-2	985.91	1005.21	989.09	993.41	1.04	ppb
Copper	63-2	1974.63	2012.22	1973.09	1986.64	1.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				92		%
Indium	115-1				94		%
Indium	115-2				84		%
Iron	56-2	51022.78	51920.28	51289.28	51410.78	0.90	ppb
Iron	57-2	50970.09	51888.05	51233.99	51364.05	0.92	ppb
Lead	206-1	992.85	969.66	1027.30	996.60	2.91	ppb
Lead	207-1	997.25	967.00	1024.74	996.33	2.90	ppb
Lead	208-1	990.18	966.07	1026.03	994.10	3.04	ppb
Lithium	6-1				91		%
Magnesium	24-2	97565.28	98424.56	97581.31	97857.05	0.50	ppb
Manganese	55-2	1984.16	2013.26	1985.14	1994.19	0.83	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 15:08:46	DataFile Name :	012CAL5_P7061418 M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4905.64	4747.67	5111.23	4921.51	3.70	ppb
Molybdenum	95-1	4919.25	4777.53	5124.70	4940.49	3.53	ppb
Molybdenum	96-1	4910.01	4770.43	5113.17	4931.20	3.50	ppb
Molybdenum	97-1	4931.97	4767.56	5140.43	4946.65	3.78	ppb
Molybdenum	98-1	4920.76	4766.04	5130.71	4939.17	3.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	985.98	999.42	990.00	991.80	0.70	ppb
Phosphorus	31-2	20249.45	19793.19	19418.70	19820.45	2.10	ppb
Potassium	39-2	49258.85	49677.76	49001.39	49312.67	0.69	ppb
Rhodium	103-1				90		%
Rhodium	103-2				84		%
Scandium	45-1				91		%
Scandium	45-2				86		%
Selenium	77-2	978.07	984.43	1001.32	987.94	1.22	ppb
Selenium	78-2	1002.17	989.48	979.33	990.33	1.16	ppb
Selenium	82-1	979.40	943.96	1027.04	983.47	4.24	ppb
Silicon	28-1	992.99	974.75	1066.82	1011.52	4.82	ppb
Silver	109-1	971.69	956.51	1020.22	982.81	3.39	ppb
Silver	107-1	972.24	952.46	1026.02	983.57	3.87	ppb
Sodium	23-2	99303.85	100331.81	99414.58	99683.41	0.57	ppb
Strontium	86-1	977.69	946.61	1019.82	981.37	3.74	ppb
Strontium	88-1	973.37	949.40	1019.85	980.87	3.65	ppb
Sulfur	34-1	19903.58	18696.89	21659.39	20086.62	7.42	ppb
Terbium	159-1				100		%
Terbium	159-2				91		%
Thallium	203-1	991.67	977.64	1031.91	1000.41	2.82	ppb
Thallium	205-1	982.76	973.72	1030.25	995.58	3.05	ppb
Tin	118-1	964.26	942.03	1013.56	973.28	3.76	ppb
Titanium	47-1	4943.20	4688.32	5186.82	4939.44	5.05	ppb
Uranium	238-1	984.69	973.75	1015.85	991.43	2.20	ppb
Vanadium	51-2	990.55	1004.76	993.15	996.16	0.76	ppb
Yttrium	89-1				95		%
Yttrium	89-2				87		%
Zinc	66-2	1972.46	2000.96	1960.19	1977.87	1.06	ppb
Zirconium	90-1	980.74	952.52	1028.29	987.18	3.88	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 15:08:46	DataFile Name :	012CALS_P7061418 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	984.15	947.24	1033.64	988.34	4.39	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 15:12:28	DataFile Name :	013CALS_P7061418 M9

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99363.06	100851.81	100238.19	100151.02	0.75	ppb
Antimony	121-1	1.54	1.47	1.54	1.52	2.60	ppb
Arsenic	75-2	0.68	0.59	0.59	0.62	8.36	ppb
Barium	135-1	2.29	2.21	2.68	2.40	10.54	ppb
Barium	137-1	2.60	2.45	2.52	2.52	3.09	ppb
Beryllium	9-1	0.83	0.98	0.82	0.88	10.40	ppb
Bismuth	209-1				89		%
Bismuth	209-2				85		%
Boron	10-1	61.87	57.10	52.45	57.14	8.24	ppb
Boron	11-1	62.51	58.10	55.67	58.76	5.90	ppb
Cadmium	111-1	0.39	0.47	0.40	0.42	10.76	ppb
Cadmium	106-1	1.59	2.02	0.65	1.42	49.28	ppb
Cadmium	108-1	0.55	0.60	0.40	0.52	19.76	ppb
Calcium	43-1	509956.95	503935.09	492767.33	502219.79	1.74	ppb
Calcium	44-1	510466.02	504708.22	490989.21	502054.48	1.99	ppb
Chromium	52-2	45.02	45.24	45.77	45.34	0.85	ppb
Cobalt	59-2	1.93	1.95	1.91	1.93	0.93	ppb
Copper	63-2	4.59	4.39	4.42	4.47	2.36	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				97		%
Holmium	165-2				93		%
Indium	115-1				91		%
Indium	115-2				86		%
Iron	56-2	248693.25	250351.55	249716.78	249587.19	0.34	ppb
Iron	57-2	248236.33	250715.09	249861.92	249604.45	0.50	ppb
Lead	206-1	7.30	7.05	6.93	7.09	2.63	ppb
Lead	207-1	6.51	6.61	6.50	6.54	0.92	ppb
Lead	208-1	6.81	6.85	6.73	6.79	0.93	ppb
Lithium	6-1				93		%
Magnesium	24-2	501633.38	500580.52	499433.41	500549.10	0.22	ppb
Manganese	55-2	10.65	10.84	11.02	10.84	1.67	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 15:12:28	DataFile Name :	013CALS_P7061418 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	7.60	7.39	7.49	7.49	1.38	ppb
Molybdenum	95-1	9.83	9.56	9.39	9.59	2.31	ppb
Molybdenum	96-1	10.36	9.99	9.99	10.11	2.10	ppb
Molybdenum	97-1	9.52	10.06	9.21	9.60	4.46	ppb
Molybdenum	98-1	9.53	9.50	9.44	9.49	0.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	28.58	28.65	27.78	28.34	1.70	ppb
Phosphorus	31-2	-1.18	2.17	17.97	6.32	161.83	ppb
Potassium	39-2	249298.62	250507.66	250535.06	250113.78	0.28	ppb
Rhodium	103-1				84		%
Rhodium	103-2				82		%
Scandium	45-1				91		%
Scandium	45-2				92		%
Selenium	77-2	1.18	-0.50	-0.50	0.06	1573.07	ppb
Selenium	78-2	1.56	1.42	0.87	1.28	28.64	ppb
Selenium	82-1	0.73	0.89	1.33	0.98	32.01	ppb
Silicon	28-1	49.58	50.71	48.00	49.43	2.76	ppb
Silver	109-1	0.22	0.25	0.27	0.24	10.24	ppb
Silver	107-1	0.24	0.26	0.25	0.25	3.74	ppb
Sodium	23-2	497370.95	501563.47	501196.78	500043.73	0.46	ppb
Strontium	86-1	38.52	38.02	37.84	38.12	0.93	ppb
Strontium	88-1	37.97	37.31	36.94	37.41	1.39	ppb
Sulfur	34-1	-986.99	-926.04	-1031.08	-981.37		ppb
Terbium	159-1				97		%
Terbium	159-2				92		%
Thallium	203-1	0.78	0.79	0.63	0.73	12.33	ppb
Thallium	205-1	0.75	0.70	0.70	0.71	3.92	ppb
Tin	118-1	3.22	2.98	3.04	3.08	4.08	ppb
Titanium	47-1	3.34	3.71	3.26	3.44	6.96	ppb
Uranium	238-1	0.24	0.24	0.24	0.24	1.61	ppb
Vanadium	51-2	0.64	0.69	0.66	0.66	4.26	ppb
Yttrium	89-1				93		%
Yttrium	89-2				90		%
Zinc	66-2	12.21	12.46	11.05	11.90	6.30	ppb
Zirconium	90-1	0.40	0.37	0.40	0.39	4.05	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 15:12:28	DataFile Name :	013CALS_P7061418 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.32	0.37	0.39	0.36	10.05	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	ICV0	Instrumnet Name :	P7
Client Sample ID :	ICV0	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 15:17:56	DataFile Name :	014ICV0_P7061418 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	489.49	467.72	463.05	473.42	2.98	ppb
Antimony	121-1	198.58	199.70	196.37	198.22	0.85	ppb
Arsenic	75-2	199.07	200.73	199.50	199.77	0.43	ppb
Barium	135-1	101.62	101.47	99.75	100.95	1.03	ppb
Barium	137-1	100.74	101.48	99.89	100.70	0.79	ppb
Beryllium	9-1	102.53	102.44	102.99	102.65	0.28	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	10-1	565.55	588.66	584.85	579.69	2.14	ppb
Boron	11-1	561.20	585.28	583.02	576.50	2.31	ppb
Cadmium	111-1	108.67	106.77	107.33	107.59	0.91	ppb
Cadmium	106-1	177.78	180.17	179.53	179.16	0.69	ppb
Cadmium	108-1	141.95	145.54	141.21	142.90	1.62	ppb
Calcium	43-1	2028.25	2021.35	1937.68	1995.76	2.53	ppb
Calcium	44-1	1941.21	1957.29	1914.41	1937.64	1.12	ppb
Chromium	52-2	96.45	95.74	96.55	96.25	0.46	ppb
Cobalt	59-2	100.22	99.20	99.53	99.65	0.52	ppb
Copper	63-2	100.89	99.61	98.91	99.80	1.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	56-2	1024.54	1007.65	1007.40	1013.20	0.97	ppb
Iron	57-2	1048.04	987.59	1015.06	1016.90	2.98	ppb
Lead	206-1	197.73	200.16	196.57	198.15	0.93	ppb
Lead	207-1	188.79	192.61	186.56	189.32	1.62	ppb
Lead	208-1	193.60	196.27	191.39	193.76	1.26	ppb
Lithium	6-1				103		%
Magnesium	24-2	1189.35	1159.92	1144.62	1164.63	1.95	ppb
Manganese	55-2	97.66	96.26	97.74	97.22	0.86	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	ICV0	Instrumnet Name :	P7
Client Sample ID :	ICV0	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 15:17:56	DataFile Name :	014ICV0_P7061418 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1159.18	1176.57	1153.41	1163.05	1.04	ppb
Molybdenum	95-1	514.28	523.13	512.03	516.48	1.14	ppb
Molybdenum	96-1	602.54	604.58	591.41	599.51	1.18	ppb
Molybdenum	97-1	515.21	516.30	512.28	514.60	0.40	ppb
Molybdenum	98-1	520.08	526.95	521.05	522.69	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	101.03	99.38	100.42	100.28	0.83	ppb
Phosphorus	31-2	-0.65	1.60	-18.91	-5.98		ppb
Potassium	39-2	1968.54	1916.87	1955.25	1946.89	1.38	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	77-2	195.28	206.97	188.76	197.00	4.68	ppb
Selenium	78-2	206.77	214.21	212.57	211.18	1.85	ppb
Selenium	82-1	207.24	206.23	207.92	207.13	0.41	ppb
Silicon	28-1	443.69	444.82	439.59	442.70	0.62	ppb
Silver	109-1	104.00	104.37	102.95	103.77	0.71	ppb
Silver	107-1	104.95	105.61	103.20	104.59	1.19	ppb
Sodium	23-2	2065.77	2034.68	2028.08	2042.84	0.99	ppb
Strontium	86-1	529.88	533.71	526.33	529.97	0.70	ppb
Strontium	88-1	531.08	538.89	527.69	532.55	1.08	ppb
Sulfur	34-1	-1039.89	-952.65	-1175.09	-1055.87		ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	198.26	199.76	195.80	197.94	1.01	ppb
Thallium	205-1	201.57	202.39	200.06	201.34	0.59	ppb
Tin	118-1	555.25	551.58	552.42	553.09	0.35	ppb
Titanium	47-1	522.28	531.14	513.14	522.19	1.72	ppb
Uranium	238-1	506.19	508.21	493.40	502.60	1.60	ppb
Vanadium	51-2	96.76	95.99	94.99	95.92	0.92	ppb
Yttrium	89-1				100		%
Yttrium	89-2				95		%
Zinc	66-2	206.83	203.07	200.57	203.49	1.55	ppb
Zirconium	90-1	519.14	527.75	519.22	522.04	0.95	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	ICV0	Instrumnet Name :	P7
Client Sample ID :	ICV0	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 15:17:56	DataFile Name :	014ICV0_P7061418 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	517.74	527.23	518.19	521.05	1.03	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	LLICV0	Instrumnet Name :	P7
Client Sample ID :	LLICV0	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 15:27:47	DataFile Name :	015LLIC_P7061418 MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.09	18.07	15.81	17.99	11.89	ppb
Antimony	121-1	1.94	2.12	1.96	2.01	4.98	ppb
Arsenic	75-2	0.93	0.80	0.92	0.88	8.68	ppb
Barium	135-1	9.50	9.68	9.49	9.56	1.14	ppb
Barium	137-1	9.45	9.50	9.84	9.60	2.26	ppb
Beryllium	9-1	1.27	1.33	1.04	1.21	12.48	ppb
Bismuth	209-1				90		%
Bismuth	209-2				94		%
Boron	10-1	39.35	37.64	39.91	38.97	3.03	ppb
Boron	11-1	38.37	37.93	39.80	38.70	2.53	ppb
Cadmium	111-1	0.93	1.17	1.06	1.05	11.30	ppb
Cadmium	106-1	-0.64	2.37	1.46	1.06	145.13	ppb
Cadmium	108-1	1.18	1.15	1.20	1.18	2.20	ppb
Calcium	43-1	429.76	416.59	404.34	416.90	3.05	ppb
Calcium	44-1	417.31	430.65	430.16	426.04	1.78	ppb
Chromium	52-2	2.05	2.01	1.85	1.97	5.44	ppb
Cobalt	59-2	1.09	1.01	0.94	1.01	7.35	ppb
Copper	63-2	2.09	1.95	1.97	2.00	3.84	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				90		%
Holmium	165-2				93		%
Indium	115-1				90		%
Indium	115-2				92		%
Iron	56-2	52.41	51.58	48.90	50.96	3.60	ppb
Iron	57-2	47.78	44.09	51.01	47.62	7.27	ppb
Lead	206-1	0.99	1.05	1.00	1.01	3.23	ppb
Lead	207-1	1.04	1.00	1.06	1.03	2.80	ppb
Lead	208-1	0.99	1.03	1.03	1.02	2.13	ppb
Lithium	6-1				90		%
Magnesium	24-2	454.45	453.91	424.01	444.12	3.92	ppb
Manganese	55-2	1.12	0.88	1.03	1.01	11.97	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	LLICV0	Instrumnet Name :	P7
Client Sample ID :	LLICV0	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 15:27:47	DataFile Name :	015LLIC_P7061418 MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5.09	4.72	5.09	4.97	4.24	ppb
Molybdenum	95-1	4.66	4.78	5.01	4.82	3.64	ppb
Molybdenum	96-1	4.75	4.81	5.00	4.85	2.66	ppb
Molybdenum	97-1	4.96	4.72	4.90	4.86	2.56	ppb
Molybdenum	98-1	4.71	4.85	4.73	4.76	1.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.03	1.11	0.99	1.05	5.73	ppb
Phosphorus	31-2	-0.10	-9.36	-6.90	-5.45		ppb
Potassium	39-2	486.29	480.07	452.15	472.83	3.85	ppb
Rhodium	103-1				88		%
Rhodium	103-2				92		%
Scandium	45-1				87		%
Scandium	45-2				92		%
Selenium	77-2	1.18	3.77	3.40	2.78	50.31	ppb
Selenium	78-2	5.24	4.68	4.59	4.84	7.33	ppb
Selenium	82-1	3.76	5.74	4.55	4.68	21.31	ppb
Silicon	28-1	13.28	14.28	13.93	13.83	3.67	ppb
Silver	109-1	1.04	1.05	1.12	1.07	3.91	ppb
Silver	107-1	0.94	1.15	1.01	1.03	10.52	ppb
Sodium	23-2	503.33	493.61	465.76	487.57	4.00	ppb
Strontium	86-1	0.98	1.00	1.11	1.03	6.82	ppb
Strontium	88-1	0.94	0.96	1.00	0.97	3.07	ppb
Sulfur	34-1	88.66	291.97	163.82	181.48	56.64	ppb
Terbium	159-1				90		%
Terbium	159-2				93		%
Thallium	203-1	0.92	0.93	0.99	0.95	3.67	ppb
Thallium	205-1	0.96	0.96	0.97	0.96	0.37	ppb
Tin	118-1	5.05	5.05	5.23	5.11	2.04	ppb
Titanium	47-1	5.25	4.82	4.80	4.96	5.16	ppb
Uranium	238-1	0.91	0.97	0.93	0.94	3.27	ppb
Vanadium	51-2	4.63	4.83	4.47	4.64	3.90	ppb
Yttrium	89-1				88		%
Yttrium	89-2				91		%
Zinc	66-2	2.33	2.16	2.09	2.19	5.52	ppb
Zirconium	90-1	1.03	0.95	1.03	1.00	4.60	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	LLICV0	Instrumnet Name :	P7
Client Sample ID :	LLICV0	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 15:27:47	DataFile Name :	015LLIC_P7061418 MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.08	1.00	0.93	1.00	7.18	ppb

LB Number : LB96029 Operator : Jaswal
 Lab Sample ID : ICB0 Instrumnet Name : P7
 Client Sample ID : ICB0 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-14 15:32:16 DataFile Name : 016CCBE_P7061418 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.31	0.17	0.71	0.40	70.41	ppb
Antimony	121-1	0.04	0.05	0.08	0.06	31.15	ppb
Arsenic	75-2	0.02	-0.01	-0.01	0.00	1194.26	ppb
Barium	135-1	-0.01	0.02	0.01	0.01	170.25	ppb
Barium	137-1	0.05	0.03	0.00	0.03	84.24	ppb
Beryllium	9-1	0.25	0.26	0.19	0.23	15.26	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	9.04	10.16	9.49	9.56	5.90	ppb
Boron	11-1	9.91	9.55	10.22	9.89	3.37	ppb
Cadmium	111-1	0.06	0.00	-0.01	0.02	219.72	ppb
Cadmium	106-1	1.03	-0.32	-0.07	0.21	333.08	ppb
Cadmium	108-1	0.07	0.07	0.12	0.09	28.50	ppb
Calcium	43-1	0.80	-1.02	0.34	0.04	2372.85	ppb
Calcium	44-1	1.25	1.12	2.13	1.50	36.45	ppb
Chromium	52-2	0.01	0.01	0.04	0.02	76.67	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	44.99	ppb
Copper	63-2	0.10	0.11	0.12	0.11	12.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				97		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	56-2	2.13	2.08	2.03	2.08	2.49	ppb
Iron	57-2	0.08	0.48	2.60	1.05	129.01	ppb
Lead	206-1	0.05	0.04	0.05	0.05	7.80	ppb
Lead	207-1	0.07	0.06	0.07	0.07	10.32	ppb
Lead	208-1	0.05	0.05	0.06	0.05	9.48	ppb
Lithium	6-1				101		%
Magnesium	24-2	1.79	2.68	1.87	2.11	23.29	ppb
Manganese	55-2	0.00	0.02	0.01	0.01	166.70	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	ICB0	Instrumnet Name :	P7
Client Sample ID :	ICB0	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 15:32:16	DataFile Name :	016CCBE_P7061418 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.02	0.08	0.05	62.62	ppb
Molybdenum	95-1	0.04	0.03	0.04	0.03	20.95	ppb
Molybdenum	96-1	0.04	0.03	0.06	0.04	41.41	ppb
Molybdenum	97-1	0.03	0.04	0.01	0.03	49.25	ppb
Molybdenum	98-1	0.04	0.04	0.02	0.03	36.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.04	-0.02	-0.03		ppb
Phosphorus	31-2	-21.33	3.28	-13.67	-10.57		ppb
Potassium	39-2	5.89	13.09	4.85	7.95	56.46	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	77-2	0.30	-0.50	0.27	0.02	1967.54	ppb
Selenium	78-2	0.73	-1.02	-0.48	-0.26		ppb
Selenium	82-1	-0.16	-0.06	-0.59	-0.27		ppb
Silicon	28-1	-4.95	-5.69	-6.05	-5.57		ppb
Silver	109-1	0.03	0.02	0.03	0.03	35.54	ppb
Silver	107-1	0.01	0.02	0.02	0.02	32.30	ppb
Sodium	23-2	20.30	21.61	20.69	20.86	3.22	ppb
Strontium	86-1	-0.02	0.03	0.00	0.00	869.45	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	32.47	ppb
Sulfur	34-1	-611.42	-504.06	-557.93	-557.81		ppb
Terbium	159-1				102		%
Terbium	159-2				97		%
Thallium	203-1	0.02	0.01	0.01	0.02	36.36	ppb
Thallium	205-1	0.02	0.02	0.03	0.02	15.36	ppb
Tin	118-1	0.10	0.07	0.09	0.09	13.24	ppb
Titanium	47-1	0.19	0.06	0.02	0.09	98.47	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	71.90	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	127.48	ppb
Yttrium	89-1				100		%
Yttrium	89-2				96		%
Zinc	66-2	0.09	0.07	0.07	0.07	15.80	ppb
Zirconium	90-1	0.00	0.00	0.02	0.01	145.48	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	ICB0	Instrumnet Name :	P7
Client Sample ID :	ICB0	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 15:32:16	DataFile Name :	016CCBE_P7061418 M

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

LB Number : LB96029 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-14 15:35:51 DataFile Name : 017ICSA01_P7061418.M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89177.76	85344.50	88776.96	87766.40	2.40	ppb
Antimony	121-1	1.29	1.30	1.34	1.31	2.22	ppb
Arsenic	75-2	0.41	0.48	0.26	0.38	29.72	ppb
Barium	135-1	1.39	1.40	1.58	1.46	7.21	ppb
Barium	137-1	1.47	1.62	1.42	1.51	6.96	ppb
Beryllium	9-1	0.51	0.43	0.57	0.51	14.12	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Boron	10-1	8.97	9.62	10.51	9.70	7.99	ppb
Boron	11-1	10.53	11.46	11.95	11.32	6.38	ppb
Cadmium	111-1	0.49	0.37	0.47	0.44	13.97	ppb
Cadmium	106-1	1.58	1.93	0.90	1.47	35.82	ppb
Cadmium	108-1	9.65	9.68	8.41	9.25	7.80	ppb
Calcium	43-1	90245.00	89038.75	88913.47	89399.07	0.82	ppb
Calcium	44-1	90582.53	90193.53	90110.48	90295.51	0.28	ppb
Chromium	52-2	19.53	18.56	19.48	19.19	2.84	ppb
Cobalt	59-2	1.14	1.14	1.23	1.17	4.26	ppb
Copper	63-2	7.69	7.50	7.78	7.66	1.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				93		%
Iron	56-2	99778.92	95659.15	99807.83	98415.30	2.43	ppb
Iron	57-2	99996.68	96714.85	100428.89	99046.81	2.05	ppb
Lead	206-1	4.71	4.55	4.69	4.65	1.91	ppb
Lead	207-1	4.16	4.02	4.01	4.06	2.08	ppb
Lead	208-1	4.35	4.23	4.26	4.28	1.39	ppb
Lithium	6-1				95		%
Magnesium	24-2	93322.41	89475.60	93394.50	92064.17	2.44	ppb
Manganese	55-2	7.48	7.51	7.72	7.57	1.71	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 15:35:51	DataFile Name :	017ICSA01_P7061418.M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1369.19	1361.42	1357.87	1362.83	0.42	ppb
Molybdenum	95-1	2002.49	1976.25	1984.11	1987.62	0.68	ppb
Molybdenum	96-1	1907.74	1896.04	1879.87	1894.55	0.74	ppb
Molybdenum	97-1	1966.49	1942.90	1958.15	1955.85	0.61	ppb
Molybdenum	98-1	1969.00	1961.10	1962.58	1964.23	0.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.38	5.29	5.48	5.39	1.79	ppb
Phosphorus	31-2	97046.80	92533.56	96800.81	95460.39	2.66	ppb
Potassium	39-2	96791.41	92496.52	96340.30	95209.41	2.48	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				95		%
Scandium	45-2				96		%
Selenium	77-2	-0.50	-0.50	-0.50	-0.50		ppb
Selenium	78-2	-0.86	-1.16	-0.69	-0.90		ppb
Selenium	82-1	0.29	-0.38	0.21	0.04	853.94	ppb
Silicon	28-1	16.10	16.07	14.44	15.54	6.11	ppb
Silver	109-1	0.13	0.12	0.14	0.13	8.90	ppb
Silver	107-1	0.12	0.14	0.13	0.13	9.47	ppb
Sodium	23-2	95493.41	91621.31	96134.94	94416.55	2.59	ppb
Strontium	86-1	34.50	34.26	34.66	34.47	0.57	ppb
Strontium	88-1	34.54	34.04	33.99	34.19	0.88	ppb
Sulfur	34-1	109850.09	108197.44	108023.14	108690.22	0.93	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	0.12	0.12	0.13	0.12	4.95	ppb
Thallium	205-1	0.13	0.13	0.14	0.13	5.40	ppb
Tin	118-1	0.21	0.22	0.20	0.21	4.24	ppb
Titanium	47-1	2014.21	2000.57	2000.75	2005.18	0.39	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	2.64	ppb
Vanadium	51-2	0.14	0.18	0.20	0.17	17.70	ppb
Yttrium	89-1				99		%
Yttrium	89-2				95		%
Zinc	66-2	11.58	10.85	11.84	11.42	4.53	ppb
Zirconium	90-1	0.04	0.04	0.03	0.03	12.04	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 15:35:51	DataFile Name :	017ICSA01_P7061418 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.02	0.03	0.02	24.88	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 15:49:36	DataFile Name :	020ICSB_P7061418 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	85578.19	84388.04	84110.61	84692.28	0.92	ppb
Antimony	121-1	20.54	20.54	20.06	20.38	1.37	ppb
Arsenic	75-2	19.65	18.96	18.75	19.12	2.46	ppb
Barium	135-1	21.25	20.48	21.12	20.95	1.97	ppb
Barium	137-1	21.65	20.90	20.48	21.01	2.81	ppb
Beryllium	9-1	20.86	20.84	20.37	20.69	1.34	ppb
Bismuth	209-1				94		%
Bismuth	209-2				92		%
Boron	10-1	70.11	67.99	69.69	69.26	1.62	ppb
Boron	11-1	69.94	72.49	69.98	70.80	2.07	ppb
Cadmium	111-1	20.50	20.00	20.40	20.30	1.30	ppb
Cadmium	106-1	25.37	25.59	29.20	26.72	8.04	ppb
Cadmium	108-1	31.27	31.62	29.33	30.74	4.02	ppb
Calcium	43-1	89036.90	88365.01	86810.51	88070.81	1.30	ppb
Calcium	44-1	89901.30	89224.32	87702.00	88942.54	1.27	ppb
Chromium	52-2	37.93	37.97	37.73	37.88	0.34	ppb
Cobalt	59-2	20.10	19.71	19.89	19.90	0.97	ppb
Copper	63-2	25.96	26.19	25.98	26.04	0.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				97		%
Indium	115-1				96		%
Indium	115-2				92		%
Iron	56-2	95483.25	95385.85	94614.51	95161.20	0.50	ppb
Iron	57-2	95150.08	95309.94	94018.26	94826.09	0.74	ppb
Lead	206-1	24.71	24.42	24.13	24.42	1.19	ppb
Lead	207-1	22.88	22.55	21.95	22.46	2.10	ppb
Lead	208-1	23.47	23.22	22.77	23.16	1.53	ppb
Lithium	6-1				92		%
Magnesium	24-2	89387.03	88799.34	88940.79	89042.39	0.34	ppb
Manganese	55-2	26.91	26.09	25.85	26.28	2.13	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 15:49:36	DataFile Name :	020ICSB_P7061418 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1471.91	1454.24	1443.77	1456.64	0.98	ppb
Molybdenum	95-1	2016.31	1994.17	1972.36	1994.28	1.10	ppb
Molybdenum	96-1	1952.07	1945.36	1893.51	1930.31	1.66	ppb
Molybdenum	97-1	1992.04	1973.01	1923.52	1962.86	1.80	ppb
Molybdenum	98-1	1998.21	1982.88	1939.69	1973.59	1.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.02	24.53	23.70	24.42	2.73	ppb
Phosphorus	31-2	92893.88	92530.72	91449.13	92291.24	0.81	ppb
Potassium	39-2	92836.01	92496.24	92130.23	92487.49	0.38	ppb
Rhodium	103-1				91		%
Rhodium	103-2				90		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	77-2	17.13	19.75	27.44	21.44	24.97	ppb
Selenium	78-2	19.74	21.36	24.09	21.73	10.12	ppb
Selenium	82-1	19.76	19.19	18.80	19.25	2.50	ppb
Silicon	28-1	68.96	66.29	64.80	66.69	3.16	ppb
Silver	109-1	18.69	18.98	18.69	18.79	0.88	ppb
Silver	107-1	19.14	18.98	18.68	18.93	1.23	ppb
Sodium	23-2	91185.42	91361.54	90792.87	91113.28	0.32	ppb
Strontium	86-1	88.96	88.07	86.03	87.69	1.71	ppb
Strontium	88-1	88.17	88.10	86.05	87.44	1.38	ppb
Sulfur	34-1	110249.76	108389.29	106923.88	108520.98	1.54	ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	20.17	19.92	19.36	19.82	2.10	ppb
Thallium	205-1	20.23	19.67	19.81	19.90	1.45	ppb
Tin	118-1	55.90	55.33	54.13	55.12	1.64	ppb
Titanium	47-1	2049.73	2017.53	1995.30	2020.85	1.35	ppb
Uranium	238-1	54.82	54.29	53.28	54.13	1.44	ppb
Vanadium	51-2	18.49	18.76	18.62	18.62	0.74	ppb
Yttrium	89-1				97		%
Yttrium	89-2				94		%
Zinc	66-2	31.60	30.80	30.60	31.00	1.71	ppb
Zirconium	90-1	54.16	52.88	52.81	53.28	1.43	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 15:49:36	DataFile Name :	020ICSB_P7061418 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	53.83	54.15	54.00	53.99	0.30	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P7
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 15:53:09	DataFile Name :	021CCV_P7061418 MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48345.53	48335.58	48179.78	48286.96	0.19	ppb
Antimony	121-1	500.74	500.06	503.39	501.40	0.35	ppb
Arsenic	75-2	502.36	499.60	493.77	498.58	0.88	ppb
Barium	135-1	2579.20	2566.85	2563.66	2569.90	0.32	ppb
Barium	137-1	2566.45	2574.68	2565.89	2569.01	0.19	ppb
Beryllium	9-1	529.09	525.59	531.71	528.80	0.58	ppb
Bismuth	209-1				92		%
Bismuth	209-2				89		%
Boron	10-1	500.43	515.04	517.66	511.04	1.82	ppb
Boron	11-1	497.12	513.70	525.54	512.12	2.79	ppb
Cadmium	111-1	495.84	501.03	494.02	496.96	0.73	ppb
Cadmium	106-1	511.86	517.07	505.83	511.59	1.10	ppb
Cadmium	108-1	504.22	503.37	502.75	503.45	0.15	ppb
Calcium	43-1	238721.59	239725.53	240048.54	239498.55	0.29	ppb
Calcium	44-1	237723.17	238294.77	239277.58	238431.84	0.33	ppb
Chromium	52-2	511.03	508.81	508.60	509.48	0.26	ppb
Cobalt	59-2	480.51	484.13	480.22	481.62	0.45	ppb
Copper	63-2	946.07	951.13	945.37	947.52	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				99		%
Holmium	165-2				95		%
Indium	115-1				94		%
Indium	115-2				89		%
Iron	56-2	122894.12	123713.05	123016.37	123207.84	0.36	ppb
Iron	57-2	124207.41	125670.97	124594.49	124824.29	0.61	ppb
Lead	206-1	512.24	514.29	516.41	514.31	0.40	ppb
Lead	207-1	514.24	514.15	514.57	514.32	0.04	ppb
Lead	208-1	516.44	517.88	518.73	517.68	0.22	ppb
Lithium	6-1				93		%
Magnesium	24-2	237795.88	238822.05	237170.67	237929.53	0.35	ppb
Manganese	55-2	980.13	986.86	975.26	980.75	0.59	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P7
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 15:53:09	DataFile Name :	021CCV_P7061418 MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2616.27	2600.67	2601.21	2606.05	0.34	ppb
Molybdenum	95-1	2563.54	2567.54	2563.43	2564.83	0.09	ppb
Molybdenum	96-1	2569.48	2582.12	2576.91	2576.17	0.25	ppb
Molybdenum	97-1	2550.76	2561.05	2544.31	2552.04	0.33	ppb
Molybdenum	98-1	2566.67	2568.17	2558.54	2564.46	0.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	488.60	492.12	487.57	489.43	0.49	ppb
Phosphorus	31-2	10085.51	10177.57	10111.02	10124.70	0.47	ppb
Potassium	39-2	122152.74	121757.16	121817.99	121909.30	0.17	ppb
Rhodium	103-1				89		%
Rhodium	103-2				87		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	77-2	509.08	486.93	465.86	487.29	4.43	ppb
Selenium	78-2	488.59	485.46	489.27	487.78	0.42	ppb
Selenium	82-1	493.93	503.59	500.51	499.35	0.99	ppb
Silicon	28-1	501.00	515.07	526.72	514.26	2.50	ppb
Silver	109-1	491.96	494.57	493.92	493.48	0.28	ppb
Silver	107-1	497.98	494.71	494.73	495.81	0.38	ppb
Sodium	23-2	239954.85	241465.20	239553.32	240324.46	0.42	ppb
Strontium	86-1	514.66	523.06	520.32	519.35	0.82	ppb
Strontium	88-1	518.10	522.00	523.40	521.17	0.53	ppb
Sulfur	34-1	10959.59	11126.48	11124.13	11070.07	0.86	ppb
Terbium	159-1				99		%
Terbium	159-2				95		%
Thallium	203-1	512.26	513.36	515.11	513.58	0.28	ppb
Thallium	205-1	520.60	520.43	521.01	520.68	0.06	ppb
Tin	118-1	499.06	498.08	501.36	499.50	0.34	ppb
Titanium	47-1	2584.42	2550.24	2561.52	2565.40	0.68	ppb
Uranium	238-1	521.67	523.73	529.22	524.87	0.74	ppb
Vanadium	51-2	495.20	497.47	494.67	495.78	0.30	ppb
Yttrium	89-1				96		%
Yttrium	89-2				93		%
Zinc	66-2	934.41	948.58	941.92	941.64	0.75	ppb
Zirconium	90-1	511.24	516.20	511.14	512.86	0.56	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P7
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 15:53:09	DataFile Name :	021CCV_P7061418 MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	510.27	513.48	510.80	511.52	0.34	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	LLCCV1	Instrumnet Name :	P7
Client Sample ID :	LLCCV1	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 15:56:44	DataFile Name :	022LLCC_P7061418 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.46	22.09	21.15	21.23	3.86	ppb
Antimony	121-1	2.30	2.31	2.21	2.27	2.49	ppb
Arsenic	75-2	0.95	0.98	1.09	1.01	7.08	ppb
Barium	135-1	9.49	9.77	9.53	9.60	1.59	ppb
Barium	137-1	10.12	9.47	9.55	9.71	3.64	ppb
Beryllium	9-1	1.56	1.48	1.38	1.47	6.17	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	44.80	43.68	38.83	42.44	7.49	ppb
Boron	11-1	44.26	43.16	42.00	43.14	2.61	ppb
Cadmium	111-1	1.03	1.14	1.13	1.10	5.65	ppb
Cadmium	106-1	1.38	1.58	2.54	1.83	33.75	ppb
Cadmium	108-1	1.09	1.09	1.08	1.09	0.48	ppb
Calcium	43-1	465.93	463.74	442.69	457.45	2.80	ppb
Calcium	44-1	456.16	458.84	445.73	453.58	1.53	ppb
Chromium	52-2	2.11	1.94	2.00	2.02	4.33	ppb
Cobalt	59-2	0.99	0.98	0.98	0.98	0.26	ppb
Copper	63-2	2.20	2.16	2.16	2.17	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				102		%
Holmium	165-2				97		%
Indium	115-1				102		%
Indium	115-2				95		%
Iron	56-2	60.75	59.86	59.58	60.06	1.02	ppb
Iron	57-2	58.62	60.81	61.42	60.28	2.44	ppb
Lead	206-1	1.03	1.06	1.09	1.06	2.77	ppb
Lead	207-1	1.08	1.06	0.98	1.04	5.05	ppb
Lead	208-1	1.07	1.06	1.04	1.06	1.31	ppb
Lithium	6-1				99		%
Magnesium	24-2	471.26	468.47	461.95	467.23	1.02	ppb
Manganese	55-2	1.15	1.06	1.09	1.10	4.23	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	LLCCV1	Instrumnet Name :	P7
Client Sample ID :	LLCCV1	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 15:56:44	DataFile Name :	022LLCC_P7061418 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5.38	5.29	5.21	5.29	1.60	ppb
Molybdenum	95-1	5.34	4.93	4.90	5.06	4.92	ppb
Molybdenum	96-1	5.28	4.98	5.26	5.17	3.23	ppb
Molybdenum	97-1	5.16	5.07	4.93	5.05	2.34	ppb
Molybdenum	98-1	5.14	5.19	5.15	5.16	0.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.00	0.99	1.19	1.06	10.69	ppb
Phosphorus	31-2	-0.57	-18.53	2.33	-5.59		ppb
Potassium	39-2	485.61	505.52	479.13	490.09	2.81	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	77-2	4.24	5.00	1.85	3.70	44.44	ppb
Selenium	78-2	6.58	5.72	4.90	5.73	14.66	ppb
Selenium	82-1	5.28	4.71	4.82	4.94	6.19	ppb
Silicon	28-1	8.28	7.89	7.89	8.02	2.84	ppb
Silver	109-1	1.12	1.14	1.12	1.13	1.36	ppb
Silver	107-1	1.11	1.04	1.13	1.09	4.31	ppb
Sodium	23-2	537.12	540.95	529.12	535.73	1.13	ppb
Strontium	86-1	0.99	1.14	1.16	1.10	8.57	ppb
Strontium	88-1	1.02	1.05	1.02	1.03	1.27	ppb
Sulfur	34-1	-689.41	-655.23	-723.03	-689.22		ppb
Terbium	159-1				103		%
Terbium	159-2				97		%
Thallium	203-1	1.12	1.07	1.07	1.09	2.81	ppb
Thallium	205-1	1.07	1.07	1.05	1.07	1.01	ppb
Tin	118-1	5.32	5.29	5.21	5.27	1.08	ppb
Titanium	47-1	5.88	5.34	4.86	5.36	9.49	ppb
Uranium	238-1	1.00	1.00	0.95	0.98	3.27	ppb
Vanadium	51-2	4.82	4.90	4.79	4.84	1.13	ppb
Yttrium	89-1				101		%
Yttrium	89-2				96		%
Zinc	66-2	2.19	2.39	2.37	2.32	4.90	ppb
Zirconium	90-1	1.07	1.05	1.07	1.06	1.14	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	LLCCV1	Instrumnet Name :	P7
Client Sample ID :	LLCCV1	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 15:56:44	DataFile Name :	022LLCC_P7061418 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.19	1.09	1.06	1.11	6.18	ppb

LB Number : LB96029 Operator : Jaswal
 Lab Sample ID : CCB18 Instrumnet Name : P7
 Client Sample ID : CCB18 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-14 16:00:17 DataFile Name : 023CCBE_P7061418 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.22	0.89	1.19	1.44	48.41	ppb
Antimony	121-1	0.12	0.11	0.11	0.12	4.72	ppb
Arsenic	75-2	0.00	-0.01	0.00	0.00		ppb
Barium	135-1	0.03	0.03	0.00	0.02	69.45	ppb
Barium	137-1	0.04	0.03	0.02	0.03	29.41	ppb
Beryllium	9-1	0.24	0.26	0.21	0.24	9.57	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	12.10	12.07	13.65	12.61	7.17	ppb
Boron	11-1	11.99	12.05	12.57	12.20	2.60	ppb
Cadmium	111-1	0.03	0.06	0.06	0.05	29.18	ppb
Cadmium	106-1	0.46	1.02	0.71	0.73	38.28	ppb
Cadmium	108-1	-0.02	0.16	-0.02	0.04	235.56	ppb
Calcium	43-1	1.37	6.50	2.75	3.54	75.01	ppb
Calcium	44-1	5.86	4.88	3.15	4.63	29.57	ppb
Chromium	52-2	-0.01	0.04	-0.01	0.00	596.44	ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.14	0.17	0.15	0.15	8.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				97		%
Indium	115-1				102		%
Indium	115-2				95		%
Iron	56-2	5.36	5.07	4.97	5.13	4.00	ppb
Iron	57-2	4.15	3.45	3.18	3.59	13.93	ppb
Lead	206-1	0.08	0.07	0.06	0.07	14.83	ppb
Lead	207-1	0.08	0.06	0.07	0.07	18.36	ppb
Lead	208-1	0.06	0.06	0.06	0.06	0.39	ppb
Lithium	6-1				99		%
Magnesium	24-2	6.20	4.44	3.90	4.84	24.84	ppb
Manganese	55-2	0.03	0.00	0.04	0.02	99.48	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P7
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 16:00:17	DataFile Name :	023CCBE_P7061418 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.06	0.07	0.10	0.08	33.20	ppb
Molybdenum	95-1	0.07	0.09	0.10	0.09	14.47	ppb
Molybdenum	96-1	0.11	0.08	0.09	0.09	16.15	ppb
Molybdenum	97-1	0.09	0.07	0.11	0.09	23.86	ppb
Molybdenum	98-1	0.11	0.08	0.10	0.10	15.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	0.00	0.01	-0.01		ppb
Phosphorus	31-2	-9.34	-27.51	-30.43	-22.43		ppb
Potassium	39-2	13.73	10.26	10.54	11.51	16.79	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	77-2	-0.50	-0.50	0.29	-0.23		ppb
Selenium	78-2	-0.22	-0.25	-0.64	-0.37		ppb
Selenium	82-1	-0.48	-0.97	-0.24	-0.56		ppb
Silicon	28-1	-5.28	-5.26	-5.21	-5.25		ppb
Silver	109-1	0.04	0.05	0.04	0.04	14.66	ppb
Silver	107-1	0.03	0.03	0.03	0.03	9.51	ppb
Sodium	23-2	39.55	40.60	41.16	40.44	2.02	ppb
Strontium	86-1	0.04	0.03	0.05	0.04	16.59	ppb
Strontium	88-1	0.01	0.01	0.00	0.01	64.56	ppb
Sulfur	34-1	-480.08	-464.40	-532.21	-492.23		ppb
Terbium	159-1				102		%
Terbium	159-2				97		%
Thallium	203-1	0.04	0.03	0.03	0.03	4.49	ppb
Thallium	205-1	0.05	0.05	0.06	0.05	10.04	ppb
Tin	118-1	0.09	0.07	0.09	0.09	11.68	ppb
Titanium	47-1	0.12	0.12	0.10	0.12	11.27	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	48.99	ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	32.99	ppb
Yttrium	89-1				100		%
Yttrium	89-2				95		%
Zinc	66-2	0.16	-0.01	0.12	0.09	96.14	ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	61.81	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P7
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 16:00:17	DataFile Name :	023CCBE_P7061418 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	0.00	0.01	38.01	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 16:03:50	DataFile Name :	024LLIC_P7061418 MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.88	19.49	20.63	20.33	3.65	ppb
Antimony	121-1	1.98	1.97	1.95	1.97	0.66	ppb
Arsenic	75-2	1.00	1.09	0.86	0.98	12.07	ppb
Barium	135-1	9.54	9.41	9.24	9.40	1.62	ppb
Barium	137-1	9.61	9.74	9.51	9.62	1.20	ppb
Beryllium	9-1	1.29	1.25	1.16	1.24	5.27	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	30.99	30.60	34.97	32.19	7.51	ppb
Boron	11-1	31.37	32.54	31.06	31.66	2.47	ppb
Cadmium	111-1	1.23	0.99	1.07	1.10	11.32	ppb
Cadmium	106-1	1.71	-0.18	2.24	1.26	101.26	ppb
Cadmium	108-1	0.88	1.13	1.01	1.01	12.88	ppb
Calcium	43-1	441.65	435.19	449.31	442.05	1.60	ppb
Calcium	44-1	442.06	437.43	429.30	436.26	1.48	ppb
Chromium	52-2	2.18	2.01	2.04	2.08	4.35	ppb
Cobalt	59-2	1.03	0.99	0.96	0.99	3.74	ppb
Copper	63-2	2.03	2.08	1.95	2.02	3.23	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				102		%
Holmium	165-2				98		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	56-2	53.06	50.82	51.38	51.75	2.24	ppb
Iron	57-2	52.81	52.66	52.04	52.51	0.78	ppb
Lead	206-1	1.03	0.98	1.03	1.01	2.92	ppb
Lead	207-1	1.02	1.03	1.00	1.02	1.67	ppb
Lead	208-1	1.00	0.98	1.00	0.99	1.10	ppb
Lithium	6-1				99		%
Magnesium	24-2	455.16	462.81	457.82	458.60	0.85	ppb
Manganese	55-2	1.05	1.06	1.03	1.05	1.49	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 16:03:50	DataFile Name :	024LLIC_P7061418 MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.87	4.94	5.02	4.94	1.49	ppb
Molybdenum	95-1	4.71	4.61	4.84	4.72	2.41	ppb
Molybdenum	96-1	4.89	4.77	4.88	4.85	1.44	ppb
Molybdenum	97-1	4.87	4.60	4.99	4.82	4.12	ppb
Molybdenum	98-1	5.01	4.90	4.94	4.95	1.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	1.22	0.99	1.09	10.51	ppb
Phosphorus	31-2	23.90	-21.92	4.33	2.10	1093.86	ppb
Potassium	39-2	479.55	476.22	458.74	471.50	2.37	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	77-2	4.23	1.84	4.96	3.68	44.33	ppb
Selenium	78-2	5.61	6.58	4.20	5.46	21.89	ppb
Selenium	82-1	4.46	5.03	4.13	4.54	10.01	ppb
Silicon	28-1	7.00	6.28	6.52	6.60	5.53	ppb
Silver	109-1	1.09	0.99	1.07	1.05	5.28	ppb
Silver	107-1	1.08	1.12	1.07	1.09	2.45	ppb
Sodium	23-2	504.18	502.39	485.68	497.42	2.05	ppb
Strontium	86-1	1.02	0.96	1.19	1.06	11.10	ppb
Strontium	88-1	1.01	1.00	1.00	1.00	0.96	ppb
Sulfur	34-1	-218.93	-264.56	-454.96	-312.82		ppb
Terbium	159-1				102		%
Terbium	159-2				97		%
Thallium	203-1	0.99	1.00	0.97	0.99	1.56	ppb
Thallium	205-1	0.98	0.93	0.95	0.96	2.72	ppb
Tin	118-1	5.14	5.14	5.11	5.13	0.27	ppb
Titanium	47-1	4.95	5.11	4.87	4.98	2.39	ppb
Uranium	238-1	0.94	0.90	0.97	0.93	3.76	ppb
Vanadium	51-2	4.63	4.70	4.63	4.65	0.77	ppb
Yttrium	89-1				100		%
Yttrium	89-2				96		%
Zinc	66-2	2.08	2.38	2.10	2.19	7.57	ppb
Zirconium	90-1	1.00	1.04	1.05	1.03	2.56	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 16:03:50	DataFile Name :	024LLIC_P7061418 MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.00	0.95	1.07	1.01	6.34	ppb

LB Number : LB96029 Operator : Jaswal
 Lab Sample ID : PB110235BL Instrumnet Name : P7
 Client Sample ID : PB110235BL Dilution Factor : 1
 Date & Time Acquired :: 2018-06-14 16:10:00 DataFile Name : 025CCBE_P7061418 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.74	0.01	0.30	0.35	105.47	ppb
Antimony	121-1	0.02	0.04	0.04	0.03	38.85	ppb
Arsenic	75-2	-0.02	0.02	0.01	0.00	467.98	ppb
Barium	135-1	-0.03	-0.01	-0.03	-0.02		ppb
Barium	137-1	0.01	0.01	0.00	0.01	30.36	ppb
Beryllium	9-1	0.17	0.16	0.17	0.17	4.90	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	5.80	4.81	6.09	5.56	12.07	ppb
Boron	11-1	5.61	6.27	5.71	5.86	6.11	ppb
Cadmium	111-1	0.02	-0.02	0.03	0.01	270.05	ppb
Cadmium	106-1	0.28	-0.44	0.41	0.08	554.71	ppb
Cadmium	108-1	-0.02	-0.02	-0.02	-0.02		ppb
Calcium	43-1	1.31	4.52	1.28	2.37	78.68	ppb
Calcium	44-1	0.59	1.57	1.15	1.10	44.58	ppb
Chromium	52-2	-0.01	0.00	0.00	0.00		ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	0.05	0.08	0.04	0.06	31.17	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				102		%
Holmium	165-2				97		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	56-2	1.88	1.98	1.77	1.88	5.54	ppb
Iron	57-2	-0.35	0.53	2.76	0.98	163.81	ppb
Lead	206-1	0.03	0.04	0.03	0.03	12.97	ppb
Lead	207-1	0.04	0.03	0.06	0.04	26.62	ppb
Lead	208-1	0.03	0.03	0.04	0.03	11.66	ppb
Lithium	6-1				100		%
Magnesium	24-2	1.71	1.40	0.70	1.27	40.58	ppb
Manganese	55-2	0.00	0.00	-0.01	0.00		ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	PB110235BL	Instrumnet Name :	P7
Client Sample ID :	PB110235BL	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 16:10:00	DataFile Name :	025CCBE_P7061418 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.03	0.03	0.03	31.16	ppb
Molybdenum	95-1	0.00	0.01	0.02	0.01	75.98	ppb
Molybdenum	96-1	0.01	0.01	0.03	0.02	83.96	ppb
Molybdenum	97-1	0.01	0.00	0.00	0.00	183.03	ppb
Molybdenum	98-1	0.03	0.01	0.01	0.02	44.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.04	-0.04	-0.04		ppb
Phosphorus	31-2	-3.75	16.50	-19.05	-2.10		ppb
Potassium	39-2	9.24	14.20	4.78	9.41	50.07	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	77-2	-0.50	-0.50	-0.50	-0.50		ppb
Selenium	78-2	1.08	-0.71	-0.02	0.12	766.92	ppb
Selenium	82-1	-0.54	-0.47	-0.05	-0.35		ppb
Silicon	28-1	-5.37	-4.66	-5.69	-5.24		ppb
Silver	109-1	0.02	0.01	0.02	0.02	41.20	ppb
Silver	107-1	0.02	0.02	0.03	0.02	16.07	ppb
Sodium	23-2	21.43	22.54	24.28	22.75	6.32	ppb
Strontium	86-1	-0.04	-0.04	-0.02	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-39.79	-221.32	-4.19	-88.43		ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	0.02	0.02	0.02	0.02	9.16	ppb
Thallium	205-1	0.02	0.01	0.02	0.02	32.20	ppb
Tin	118-1	0.03	0.01	0.01	0.02	47.53	ppb
Titanium	47-1	0.07	0.02	0.03	0.04	56.28	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	5208.73	ppb
Yttrium	89-1				101		%
Yttrium	89-2				96		%
Zinc	66-2	-0.08	-0.16	0.04	-0.06		ppb
Zirconium	90-1	-0.02	-0.01	-0.01	-0.01		ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	PB110235BL	Instrumnet Name :	P7
Client Sample ID :	PB110235BL	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 16:10:00	DataFile Name :	025CCBE_P7061418 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.03	0.00	0.00	-0.01		ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	PB110235BS	Instrumnet Name :	P7
Client Sample ID :	PB110235BS	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 16:13:33	DataFile Name :	026LCS6_P7061418 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9687.98	9751.08	9692.97	9710.68	0.36	ppb
Antimony	121-1	517.92	512.36	516.08	515.45	0.55	ppb
Arsenic	75-2	515.19	511.13	511.02	512.44	0.46	ppb
Barium	135-1	2614.37	2572.07	2586.48	2590.98	0.83	ppb
Barium	137-1	2601.74	2584.10	2577.80	2587.88	0.48	ppb
Beryllium	9-1	536.15	523.71	523.03	527.63	1.40	ppb
Bismuth	209-1				96		%
Bismuth	209-2				92		%
Boron	10-1	487.34	490.17	525.56	501.02	4.25	ppb
Boron	11-1	494.95	505.90	521.88	507.58	2.67	ppb
Cadmium	111-1	534.82	529.47	527.50	530.60	0.71	ppb
Cadmium	106-1	544.51	533.70	524.59	534.26	1.87	ppb
Cadmium	108-1	531.59	536.45	522.67	530.23	1.32	ppb
Calcium	43-1	47602.38	46907.31	46951.29	47153.66	0.83	ppb
Calcium	44-1	48151.72	47438.22	47777.47	47789.14	0.75	ppb
Chromium	52-2	506.86	504.80	500.54	504.07	0.64	ppb
Cobalt	59-2	508.79	506.93	503.21	506.31	0.56	ppb
Copper	63-2	1016.79	1014.18	1010.08	1013.68	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				99		%
Holmium	165-2				95		%
Indium	115-1				96		%
Indium	115-2				90		%
Iron	56-2	26257.33	26002.89	25831.39	26030.54	0.82	ppb
Iron	57-2	25822.73	25621.48	25533.44	25659.22	0.58	ppb
Lead	206-1	518.64	506.33	505.19	510.05	1.46	ppb
Lead	207-1	514.27	505.96	504.37	508.20	1.05	ppb
Lead	208-1	517.90	509.47	509.76	512.37	0.93	ppb
Lithium	6-1				96		%
Magnesium	24-2	49263.35	49395.73	48815.94	49158.34	0.62	ppb
Manganese	55-2	1006.09	997.85	999.32	1001.09	0.44	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	PB110235BS	Instrumnet Name :	P7
Client Sample ID :	PB110235BS	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 16:13:33	DataFile Name :	026LCS6_P7061418 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2602.13	2599.89	2597.03	2599.68	0.10	ppb
Molybdenum	95-1	2614.11	2580.50	2588.05	2594.22	0.68	ppb
Molybdenum	96-1	2635.17	2568.94	2600.73	2601.61	1.27	ppb
Molybdenum	97-1	2612.64	2554.48	2565.00	2577.37	1.20	ppb
Molybdenum	98-1	2629.53	2575.72	2592.08	2599.11	1.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	511.06	509.97	507.36	509.46	0.37	ppb
Phosphorus	31-2	10176.61	10269.00	10152.88	10199.50	0.60	ppb
Potassium	39-2	25245.78	25207.77	25085.96	25179.84	0.33	ppb
Rhodium	103-1				93		%
Rhodium	103-2				90		%
Scandium	45-1				94		%
Scandium	45-2				92		%
Selenium	77-2	502.79	516.46	480.11	499.79	3.67	ppb
Selenium	78-2	514.87	518.26	500.11	511.08	1.89	ppb
Selenium	82-1	526.60	525.03	522.49	524.71	0.39	ppb
Silicon	28-1	537.20	545.98	549.83	544.34	1.19	ppb
Silver	109-1	526.86	525.77	523.92	525.52	0.28	ppb
Silver	107-1	529.79	524.54	524.59	526.31	0.57	ppb
Sodium	23-2	50475.41	50432.53	50123.95	50343.96	0.38	ppb
Strontium	86-1	529.60	525.60	527.85	527.68	0.38	ppb
Strontium	88-1	530.58	526.58	529.73	528.96	0.40	ppb
Sulfur	34-1	11471.53	11340.35	11179.16	11330.35	1.29	ppb
Terbium	159-1				99		%
Terbium	159-2				94		%
Thallium	203-1	512.96	504.64	505.67	507.76	0.89	ppb
Thallium	205-1	523.03	515.62	512.91	517.18	1.01	ppb
Tin	118-1	542.23	533.48	537.49	537.73	0.81	ppb
Titanium	47-1	2617.53	2596.33	2599.89	2604.58	0.44	ppb
Uranium	238-1	518.25	510.46	515.06	514.59	0.76	ppb
Vanadium	51-2	507.30	502.92	501.94	504.05	0.57	ppb
Yttrium	89-1				96		%
Yttrium	89-2				91		%
Zinc	66-2	1023.04	1013.18	1009.19	1015.14	0.70	ppb
Zirconium	90-1	525.42	516.17	515.64	519.08	1.06	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	PB110235BS	Instrumnet Name :	P7
Client Sample ID :	PB110235BS	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 16:13:33	DataFile Name :	026LCS6_P7061418 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	522.34	513.78	511.32	515.81	1.12	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-01	Instrumnet Name :	P7
Client Sample ID :	S36-0135	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 16:17:19	DataFile Name :	027SMPL_P7061418 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24.03	23.45	25.23	24.24	3.75	ppb
Antimony	121-1	4.39	3.79	3.76	3.98	8.92	ppb
Arsenic	75-2	49.07	47.26	45.42	47.25	3.86	ppb
Barium	135-1	3.16	3.30	3.74	3.40	8.81	ppb
Barium	137-1	3.33	3.19	3.55	3.36	5.42	ppb
Beryllium	9-1	0.31	0.20	0.32	0.28	24.11	ppb
Bismuth	209-1				101		%
Bismuth	209-2				92		%
Boron	10-1	65.89	64.83	65.10	65.28	0.84	ppb
Boron	11-1	70.29	68.66	69.62	69.52	1.18	ppb
Cadmium	111-1	0.17	0.04	0.06	0.09	71.60	ppb
Cadmium	106-1	0.71	-0.61	-0.50	-0.13		ppb
Cadmium	108-1	0.23	0.08	0.09	0.13	64.26	ppb
Calcium	43-1	31970.69	30458.95	33061.76	31830.46	4.11	ppb
Calcium	44-1	32582.13	31302.35	33564.65	32483.04	3.49	ppb
Chromium	52-2	1.74	1.62	1.60	1.65	4.51	ppb
Cobalt	59-2	0.12	0.10	0.09	0.10	11.25	ppb
Copper	63-2	4.48	4.41	4.62	4.50	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				94		%
Holmium	165-2				87		%
Indium	115-1				102		%
Indium	115-2				87		%
Iron	56-2	119.41	114.51	113.54	115.82	2.72	ppb
Iron	57-2	184.06	176.22	165.13	175.14	5.43	ppb
Lead	206-1	0.87	0.78	0.77	0.81	6.46	ppb
Lead	207-1	0.82	0.80	0.72	0.78	6.80	ppb
Lead	208-1	0.84	0.77	0.74	0.79	6.81	ppb
Lithium	6-1				94		%
Magnesium	24-2	8637.24	8270.62	8155.93	8354.60	3.01	ppb
Manganese	55-2	59.91	56.82	56.71	57.81	3.14	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-01	Instrumnet Name :	P7
Client Sample ID :	S36-0135	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 16:17:19	DataFile Name :	027SMPL_P7061418 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.06	0.85	0.89	0.94	11.70	ppb
Molybdenum	95-1	1.09	0.97	1.17	1.08	9.62	ppb
Molybdenum	96-1	0.90	0.94	1.13	0.99	12.67	ppb
Molybdenum	97-1	1.04	1.05	1.18	1.09	7.51	ppb
Molybdenum	98-1	0.98	1.03	1.01	1.01	2.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.72	1.64	1.47	1.61	7.99	ppb
Phosphorus	31-2	326.96	301.23	353.26	327.15	7.95	ppb
Potassium	39-2	4681.33	4478.95	4433.54	4531.27	2.91	ppb
Rhodium	103-1				87		%
Rhodium	103-2				83		%
Scandium	45-1				83		%
Scandium	45-2				81		%
Selenium	77-2	1.39	1.33	2.21	1.64	29.77	ppb
Selenium	78-2	0.04	1.30	-0.15	0.40	199.36	ppb
Selenium	82-1	-0.44	-0.21	-0.35	-0.33		ppb
Silicon	28-1	4109.93	3908.71	4198.10	4072.24	3.64	ppb
Silver	109-1	1.35	1.07	1.14	1.19	12.06	ppb
Silver	107-1	1.32	1.11	1.05	1.16	11.94	ppb
Sodium	23-2	46292.99	44137.32	43771.06	44733.79	3.05	ppb
Strontium	86-1	179.46	173.76	186.02	179.75	3.41	ppb
Strontium	88-1	179.77	174.54	185.93	180.08	3.17	ppb
Sulfur	34-1	5634.42	4779.19	5759.90	5391.17	9.90	ppb
Terbium	159-1				94		%
Terbium	159-2				87		%
Thallium	203-1	0.52	0.27	0.26	0.35	41.97	ppb
Thallium	205-1	0.56	0.35	0.24	0.38	42.28	ppb
Tin	118-1	3.64	3.62	3.82	3.69	3.02	ppb
Titanium	47-1	1.77	1.30	2.10	1.72	23.38	ppb
Uranium	238-1	0.11	0.11	0.12	0.11	6.35	ppb
Vanadium	51-2	0.48	0.55	0.54	0.52	6.80	ppb
Yttrium	89-1				90		%
Yttrium	89-2				82		%
Zinc	66-2	44.32	42.14	41.25	42.57	3.71	ppb
Zirconium	90-1	0.10	0.10	0.10	0.10	4.94	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-01	Instrumnet Name :	P7
Client Sample ID :	S36-0135	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 16:17:19	DataFile Name :	027SMPL_P7061418 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.09	0.13	0.10	30.80	ppb

LB Number : LB96029 Operator : Jaswal
 Lab Sample ID : J3477-01DUP Instrumnet Name : P7
 Client Sample ID : S36-0135DUP Dilution Factor : 1
 Date & Time Acquired :: 2018-06-14 16:20:52 DataFile Name : 028SMPL_P7061418 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.75	20.63	24.32	22.90	8.66	ppb
Antimony	121-1	2.30	2.19	2.27	2.25	2.62	ppb
Arsenic	75-2	46.80	48.77	44.95	46.84	4.08	ppb
Barium	135-1	3.15	3.30	3.21	3.22	2.36	ppb
Barium	137-1	3.06	3.23	3.21	3.17	2.99	ppb
Beryllium	9-1	0.23	0.16	0.10	0.17	39.49	ppb
Bismuth	209-1				96		%
Bismuth	209-2				91		%
Boron	10-1	53.62	53.90	55.04	54.19	1.38	ppb
Boron	11-1	54.56	54.44	54.64	54.55	0.18	ppb
Cadmium	111-1	0.08	0.11	-0.02	0.06	121.14	ppb
Cadmium	106-1	0.15	0.96	-1.67	-0.19		ppb
Cadmium	108-1	-0.06	0.18	0.13	0.08	152.33	ppb
Calcium	43-1	31774.53	31209.37	31072.99	31352.30	1.19	ppb
Calcium	44-1	32490.23	32023.46	31703.96	32072.55	1.23	ppb
Chromium	52-2	1.58	1.51	1.65	1.58	4.53	ppb
Cobalt	59-2	0.09	0.06	0.10	0.08	28.04	ppb
Copper	63-2	12.99	14.76	16.65	14.80	12.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				89		%
Indium	115-1				96		%
Indium	115-2				85		%
Iron	56-2	115.77	113.43	114.83	114.68	1.03	ppb
Iron	57-2	176.34	175.38	158.10	169.94	6.04	ppb
Lead	206-1	0.54	0.50	0.49	0.51	5.45	ppb
Lead	207-1	0.48	0.50	0.46	0.48	4.51	ppb
Lead	208-1	0.49	0.48	0.46	0.47	3.44	ppb
Lithium	6-1				93		%
Magnesium	24-2	8323.20	8208.72	8083.12	8205.01	1.46	ppb
Manganese	55-2	58.48	57.02	57.21	57.57	1.38	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-01DUP	Instrumnet Name :	P7
Client Sample ID :	S36-0135DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 16:20:52	DataFile Name :	028SMPL_P7061418 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.63	0.71	0.62	0.65	7.95	ppb
Molybdenum	95-1	0.75	0.69	0.74	0.73	4.03	ppb
Molybdenum	96-1	0.67	0.71	0.73	0.70	4.20	ppb
Molybdenum	97-1	0.76	0.81	0.95	0.84	12.21	ppb
Molybdenum	98-1	0.76	0.75	0.80	0.77	3.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.42	1.67	1.43	1.51	9.43	ppb
Phosphorus	31-2	320.84	323.78	327.78	324.14	1.07	ppb
Potassium	39-2	4482.97	4388.04	4384.90	4418.64	1.26	ppb
Rhodium	103-1				87		%
Rhodium	103-2				85		%
Scandium	45-1				80		%
Scandium	45-2				80		%
Selenium	77-2	3.23	2.24	1.31	2.26	42.28	ppb
Selenium	78-2	-0.33	0.21	-0.44	-0.18		ppb
Selenium	82-1	-0.74	-0.62	-0.06	-0.47		ppb
Silicon	28-1	4001.26	3916.70	3879.98	3932.65	1.58	ppb
Silver	109-1	0.60	0.57	0.54	0.57	5.28	ppb
Silver	107-1	0.56	0.57	0.52	0.55	5.25	ppb
Sodium	23-2	44539.61	43627.12	43141.27	43769.33	1.62	ppb
Strontium	86-1	181.01	178.05	175.06	178.04	1.67	ppb
Strontium	88-1	181.82	177.45	175.25	178.17	1.88	ppb
Sulfur	34-1	5473.54	5165.56	4962.77	5200.62	4.95	ppb
Terbium	159-1				94		%
Terbium	159-2				88		%
Thallium	203-1	0.08	0.05	0.06	0.06	23.86	ppb
Thallium	205-1	0.09	0.07	0.07	0.08	15.37	ppb
Tin	118-1	3.12	3.53	3.60	3.42	7.66	ppb
Titanium	47-1	1.34	1.33	1.44	1.37	4.23	ppb
Uranium	238-1	0.09	0.09	0.09	0.09	5.20	ppb
Vanadium	51-2	0.70	0.63	0.61	0.65	6.92	ppb
Yttrium	89-1				88		%
Yttrium	89-2				82		%
Zinc	66-2	37.90	37.30	39.35	38.18	2.75	ppb
Zirconium	90-1	0.05	0.04	0.02	0.04	34.21	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-01DUP	Instrumnet Name :	P7
Client Sample ID :	S36-0135DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 16:20:52	DataFile Name :	028SMPL_P7061418 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.04	0.05	0.03	47.63	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-01LX5	Instrumnet Name :	P7
Client Sample ID :	S36-0135L	Dilution Factor :	5
Date & Time Acquired ::	2018-06-14 16:24:26	DataFile Name :	029SMPL_P7061418 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.18	5.89	2.60	4.89	40.73	ppb
Antimony	121-1	0.48	0.49	0.46	0.48	3.88	ppb
Arsenic	75-2	9.37	9.82	9.24	9.47	3.22	ppb
Barium	135-1	0.61	0.71	0.57	0.63	11.09	ppb
Barium	137-1	0.64	0.70	0.53	0.62	13.63	ppb
Beryllium	9-1	0.11	0.16	0.19	0.16	25.48	ppb
Bismuth	209-1				104		%
Bismuth	209-2				97		%
Boron	10-1	19.53	17.35	15.24	17.37	12.35	ppb
Boron	11-1	16.92	15.79	16.76	16.49	3.69	ppb
Cadmium	111-1	0.04	0.08	0.02	0.05	66.99	ppb
Cadmium	106-1	0.13	0.96	0.16	0.42	113.29	ppb
Cadmium	108-1	0.16	0.07	0.07	0.10	52.77	ppb
Calcium	43-1	6181.08	6169.52	6096.76	6149.12	0.74	ppb
Calcium	44-1	6334.65	6243.17	6048.89	6208.90	2.35	ppb
Chromium	52-2	0.29	0.32	0.35	0.32	10.18	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	75.84	ppb
Copper	63-2	4.94	4.76	4.97	4.89	2.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				96		%
Indium	115-1				104		%
Indium	115-2				92		%
Iron	56-2	23.83	22.99	22.87	23.23	2.27	ppb
Iron	57-2	30.37	32.04	39.57	33.99	14.42	ppb
Lead	206-1	0.09	0.09	0.08	0.09	5.90	ppb
Lead	207-1	0.11	0.12	0.12	0.12	5.34	ppb
Lead	208-1	0.10	0.10	0.10	0.10	1.52	ppb
Lithium	6-1				95		%
Magnesium	24-2	1642.45	1611.90	1626.62	1626.99	0.94	ppb
Manganese	55-2	11.21	10.96	11.24	11.14	1.41	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-01LX5	Instrumnet Name :	P7
Client Sample ID :	S36-0135L	Dilution Factor :	5
Date & Time Acquired ::	2018-06-14 16:24:26	DataFile Name :	029SMPL_P7061418 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.08	0.13	0.12	0.11	23.90	ppb
Molybdenum	95-1	0.22	0.19	0.17	0.19	11.67	ppb
Molybdenum	96-1	0.14	0.11	0.15	0.13	16.57	ppb
Molybdenum	97-1	0.14	0.10	0.16	0.13	22.01	ppb
Molybdenum	98-1	0.16	0.16	0.13	0.15	12.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.30	0.27	0.23	0.26	13.29	ppb
Phosphorus	31-2	54.29	55.39	72.42	60.70	16.74	ppb
Potassium	39-2	898.67	876.11	872.24	882.34	1.62	ppb
Rhodium	103-1				99		%
Rhodium	103-2				94		%
Scandium	45-1				92		%
Scandium	45-2				88		%
Selenium	77-2	1.18	-0.50	2.00	0.89	142.46	ppb
Selenium	78-2	0.42	-2.42	0.54	-0.49		ppb
Selenium	82-1	-0.31	-0.81	-0.35	-0.49		ppb
Silicon	28-1	926.55	914.04	889.40	909.99	2.08	ppb
Silver	109-1	0.15	0.18	0.16	0.16	9.93	ppb
Silver	107-1	0.19	0.15	0.16	0.17	12.67	ppb
Sodium	23-2	8794.45	8647.24	8613.59	8685.10	1.11	ppb
Strontium	86-1	35.46	34.75	33.64	34.62	2.65	ppb
Strontium	88-1	35.26	34.94	33.69	34.63	2.40	ppb
Sulfur	34-1	-142.31	-194.69	-439.24	-258.75		ppb
Terbium	159-1				105		%
Terbium	159-2				96		%
Thallium	203-1	0.02	0.01	0.02	0.02	57.99	ppb
Thallium	205-1	0.03	0.02	0.03	0.03	8.87	ppb
Tin	118-1	0.31	0.30	0.29	0.30	3.04	ppb
Titanium	47-1	0.28	0.30	0.34	0.31	10.04	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	15.29	ppb
Vanadium	51-2	0.25	0.27	0.28	0.27	4.51	ppb
Yttrium	89-1				100		%
Yttrium	89-2				90		%
Zinc	66-2	8.20	8.68	8.75	8.54	3.50	ppb
Zirconium	90-1	0.00	0.01	0.00	0.01	122.73	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-01LX5	Instrumnet Name :	P7
Client Sample ID :	S36-0135L	Dilution Factor :	5
Date & Time Acquired ::	2018-06-14 16:24:26	DataFile Name :	029SMPL_P7061418 M8

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

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-02	Instrumnet Name :	P7
Client Sample ID :	S36-0135MS	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 16:28:00	DataFile Name :	030SMPL_P7061418 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9251.79	8895.53	9010.70	9052.67	2.01	ppb
Antimony	121-1	505.86	493.10	502.45	500.47	1.32	ppb
Arsenic	75-2	544.93	537.68	538.64	540.42	0.73	ppb
Barium	135-1	2514.46	2456.73	2502.41	2491.20	1.22	ppb
Barium	137-1	2547.50	2489.12	2503.84	2513.49	1.21	ppb
Beryllium	9-1	387.15	374.11	367.76	376.34	2.63	ppb
Bismuth	209-1				97		%
Bismuth	209-2				88		%
Boron	10-1	413.81	401.34	400.75	405.30	1.82	ppb
Boron	11-1	416.72	422.79	426.95	422.15	1.22	ppb
Cadmium	111-1	499.81	493.78	498.56	497.38	0.64	ppb
Cadmium	106-1	510.23	490.65	511.34	504.07	2.31	ppb
Cadmium	108-1	507.16	494.87	492.89	498.31	1.55	ppb
Calcium	43-1	82921.22	80714.91	81938.55	81858.23	1.35	ppb
Calcium	44-1	84233.53	81886.47	82919.97	83013.33	1.42	ppb
Chromium	52-2	514.75	506.44	508.16	509.79	0.86	ppb
Cobalt	59-2	523.91	516.79	516.00	518.90	0.84	ppb
Copper	63-2	1063.44	1052.43	1063.47	1059.78	0.60	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				97		%
Holmium	165-2				89		%
Indium	115-1				94		%
Indium	115-2				81		%
Iron	56-2	26528.73	26000.87	26197.87	26242.49	1.02	ppb
Iron	57-2	26140.18	25861.39	25893.53	25965.03	0.59	ppb
Lead	206-1	500.73	488.79	503.42	497.64	1.56	ppb
Lead	207-1	480.38	473.71	483.92	479.34	1.08	ppb
Lead	208-1	494.25	486.12	495.85	492.07	1.06	ppb
Lithium	6-1				100		%
Magnesium	24-2	56918.35	55940.64	55795.80	56218.26	1.09	ppb
Manganese	55-2	1057.97	1042.94	1047.94	1049.62	0.73	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-02	Instrumnet Name :	P7
Client Sample ID :	S36-0135MS	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 16:28:00	DataFile Name :	030SMPL_P7061418 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2631.20	2574.29	2611.36	2605.62	1.11	ppb
Molybdenum	95-1	2588.58	2531.79	2599.11	2573.16	1.41	ppb
Molybdenum	96-1	2596.23	2545.44	2601.40	2581.02	1.20	ppb
Molybdenum	97-1	2565.77	2504.52	2554.50	2541.59	1.28	ppb
Molybdenum	98-1	2598.86	2531.65	2601.07	2577.19	1.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	529.92	520.73	526.05	525.57	0.88	ppb
Phosphorus	31-2	276.05	295.30	302.26	291.20	4.66	ppb
Potassium	39-2	28431.72	27881.37	28243.38	28185.49	0.99	ppb
Rhodium	103-1				86		%
Rhodium	103-2				82		%
Scandium	45-1				80		%
Scandium	45-2				78		%
Selenium	77-2	450.99	489.21	441.76	460.66	5.46	ppb
Selenium	78-2	487.27	465.14	482.58	478.33	2.44	ppb
Selenium	82-1	501.56	483.90	497.67	494.38	1.88	ppb
Silicon	28-1	4290.43	4168.90	4211.59	4223.64	1.46	ppb
Silver	109-1	423.77	413.77	419.88	419.14	1.20	ppb
Silver	107-1	424.28	412.71	422.61	419.87	1.49	ppb
Sodium	23-2	92987.05	91557.42	91406.30	91983.59	0.95	ppb
Strontium	86-1	713.00	690.80	710.59	704.80	1.73	ppb
Strontium	88-1	717.83	697.98	716.22	710.68	1.55	ppb
Sulfur	34-1	5454.52	4818.45	5092.65	5121.87	6.23	ppb
Terbium	159-1				96		%
Terbium	159-2				88		%
Thallium	203-1	497.95	486.71	498.10	494.25	1.32	ppb
Thallium	205-1	508.67	497.71	509.65	505.34	1.31	ppb
Tin	118-1	507.57	492.21	505.08	501.62	1.64	ppb
Titanium	47-1	2552.96	2506.11	2540.04	2533.04	0.96	ppb
Uranium	238-1	517.80	506.02	516.39	513.40	1.25	ppb
Vanadium	51-2	510.88	504.55	502.42	505.95	0.87	ppb
Yttrium	89-1				90		%
Yttrium	89-2				80		%
Zinc	66-2	1006.98	996.06	999.06	1000.70	0.56	ppb
Zirconium	90-1	523.25	510.45	519.08	517.59	1.26	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-02	Instrumnet Name :	P7
Client Sample ID :	S36-0135MS	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 16:28:00	DataFile Name :	030SMPL_P7061418 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	521.97	510.91	517.27	516.72	1.07	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-03	Instrumnet Name :	P7
Client Sample ID :	S36-0135MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 16:31:34	DataFile Name :	031SMPL_P7061418 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9074.47	8813.21	9010.59	8966.09	1.52	ppb
Antimony	121-1	497.66	484.67	484.59	488.97	1.54	ppb
Arsenic	75-2	536.67	521.51	534.95	531.04	1.56	ppb
Barium	135-1	2520.92	2445.85	2428.17	2464.98	2.00	ppb
Barium	137-1	2563.51	2487.63	2465.37	2505.50	2.05	ppb
Beryllium	9-1	358.88	346.65	344.04	349.86	2.26	ppb
Bismuth	209-1				93		%
Bismuth	209-2				84		%
Boron	10-1	397.31	399.61	392.67	396.53	0.89	ppb
Boron	11-1	416.37	403.72	412.20	410.76	1.57	ppb
Cadmium	111-1	501.69	487.21	485.92	491.61	1.78	ppb
Cadmium	106-1	504.07	483.42	480.61	489.37	2.62	ppb
Cadmium	108-1	496.16	479.35	479.08	484.86	2.02	ppb
Calcium	43-1	82719.29	80127.62	80295.93	81047.61	1.79	ppb
Calcium	44-1	83466.22	81017.09	81394.90	81959.40	1.61	ppb
Chromium	52-2	512.69	494.93	505.17	504.26	1.77	ppb
Cobalt	59-2	524.40	503.00	511.38	512.93	2.10	ppb
Copper	63-2	1080.73	1040.95	1050.96	1057.55	1.96	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				94		%
Holmium	165-2				85		%
Indium	115-1				90		%
Indium	115-2				77		%
Iron	56-2	26520.42	25602.27	26111.26	26077.98	1.76	ppb
Iron	57-2	26245.51	25239.77	25930.25	25805.18	1.99	ppb
Lead	206-1	506.80	489.39	492.65	496.28	1.87	ppb
Lead	207-1	491.28	471.60	474.85	479.24	2.20	ppb
Lead	208-1	502.82	484.35	487.45	491.54	2.01	ppb
Lithium	6-1				100		%
Magnesium	24-2	56917.56	54974.26	55888.66	55926.83	1.74	ppb
Manganese	55-2	1063.36	1027.33	1050.42	1047.03	1.74	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-03	Instrumnet Name :	P7
Client Sample ID :	S36-0135MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 16:31:34	DataFile Name :	031SMPL_P7061418 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2606.51	2532.44	2529.55	2556.17	1.71	ppb
Molybdenum	95-1	2593.17	2510.31	2529.28	2544.25	1.71	ppb
Molybdenum	96-1	2607.48	2530.94	2527.77	2555.40	1.77	ppb
Molybdenum	97-1	2578.18	2492.81	2505.56	2525.52	1.82	ppb
Molybdenum	98-1	2590.82	2534.41	2549.55	2558.26	1.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	529.93	510.35	521.66	520.65	1.89	ppb
Phosphorus	31-2	355.95	311.66	403.29	356.96	12.84	ppb
Potassium	39-2	28258.60	27438.88	27936.98	27878.15	1.48	ppb
Rhodium	103-1				83		%
Rhodium	103-2				78		%
Scandium	45-1				76		%
Scandium	45-2				74		%
Selenium	77-2	483.44	476.94	484.59	481.66	0.86	ppb
Selenium	78-2	474.75	461.48	478.24	471.49	1.88	ppb
Selenium	82-1	489.23	481.14	482.44	484.27	0.90	ppb
Silicon	28-1	4189.72	4061.41	4069.31	4106.81	1.75	ppb
Silver	109-1	419.26	404.06	407.25	410.19	1.95	ppb
Silver	107-1	421.07	406.16	404.95	410.73	2.19	ppb
Sodium	23-2	91820.68	89190.58	90858.20	90623.15	1.47	ppb
Strontium	86-1	702.79	686.87	681.17	690.28	1.62	ppb
Strontium	88-1	710.33	691.04	690.38	697.25	1.63	ppb
Sulfur	34-1	5204.13	4810.88	4600.37	4871.79	6.29	ppb
Terbium	159-1				93		%
Terbium	159-2				85		%
Thallium	203-1	507.81	485.92	491.69	495.14	2.29	ppb
Thallium	205-1	517.90	499.67	502.28	506.61	1.95	ppb
Tin	118-1	504.90	494.54	491.89	497.11	1.38	ppb
Titanium	47-1	2577.33	2496.62	2495.37	2523.11	1.86	ppb
Uranium	238-1	527.23	510.34	511.03	516.20	1.85	ppb
Vanadium	51-2	507.53	489.91	500.97	499.47	1.78	ppb
Yttrium	89-1				86		%
Yttrium	89-2				77		%
Zinc	66-2	1022.41	984.76	1008.73	1005.30	1.90	ppb
Zirconium	90-1	517.64	501.90	502.93	507.49	1.73	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-03	Instrumnet Name :	P7
Client Sample ID :	S36-0135MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 16:31:34	DataFile Name :	031SMPL_P7061418 M9

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	518.80	505.01	503.87	509.23	1.63	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-01A	Instrumnet Name :	P7
Client Sample ID :	S36-0135A	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 16:35:08	DataFile Name :	032SMPL_P7061418 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9175.22	8907.45	8710.63	8931.10	2.61	ppb
Antimony	121-1	491.54	473.95	494.71	486.73	2.30	ppb
Arsenic	75-2	540.16	528.65	524.00	530.94	1.57	ppb
Barium	135-1	2462.05	2385.10	2456.56	2434.57	1.76	ppb
Barium	137-1	2484.66	2418.45	2503.94	2469.02	1.82	ppb
Beryllium	9-1	354.60	341.35	345.31	347.08	1.96	ppb
Bismuth	209-1				93		%
Bismuth	209-2				83		%
Boron	10-1	408.38	390.08	399.48	399.32	2.29	ppb
Boron	11-1	401.97	411.56	417.09	410.21	1.87	ppb
Cadmium	111-1	488.19	474.97	489.59	484.25	1.67	ppb
Cadmium	106-1	479.39	475.50	477.47	477.46	0.41	ppb
Cadmium	108-1	487.53	476.33	482.98	482.28	1.17	ppb
Calcium	43-1	81726.59	78865.11	82052.49	80881.40	2.17	ppb
Calcium	44-1	82802.49	80625.41	83272.92	82233.61	1.72	ppb
Chromium	52-2	518.68	506.88	502.77	509.44	1.62	ppb
Cobalt	59-2	530.81	519.09	511.65	520.52	1.86	ppb
Copper	63-2	1087.13	1065.79	1050.33	1067.75	1.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				84		%
Indium	115-1				90		%
Indium	115-2				76		%
Iron	56-2	26950.47	26206.58	25880.93	26345.99	2.08	ppb
Iron	57-2	26643.45	26032.88	25747.38	26141.24	1.75	ppb
Lead	206-1	503.60	483.42	500.97	496.00	2.21	ppb
Lead	207-1	486.52	469.15	486.17	480.61	2.07	ppb
Lead	208-1	498.03	481.27	498.05	492.45	1.97	ppb
Lithium	6-1				98		%
Magnesium	24-2	57422.80	56107.57	54700.60	56076.99	2.43	ppb
Manganese	55-2	1073.02	1048.92	1024.67	1048.87	2.30	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-01A	Instrumnet Name :	P7
Client Sample ID :	S36-0135A	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 16:35:08	DataFile Name :	032SMPL_P7061418 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2580.28	2514.40	2603.85	2566.18	1.81	ppb
Molybdenum	95-1	2574.24	2480.02	2588.17	2547.47	2.31	ppb
Molybdenum	96-1	2576.79	2500.61	2589.80	2555.73	1.89	ppb
Molybdenum	97-1	2545.37	2473.95	2551.23	2523.52	1.71	ppb
Molybdenum	98-1	2577.75	2506.87	2583.83	2556.15	1.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	536.97	529.93	520.60	529.16	1.55	ppb
Phosphorus	31-2	379.82	375.31	322.38	359.17	8.89	ppb
Potassium	39-2	28455.13	27884.09	27341.67	27893.63	2.00	ppb
Rhodium	103-1				83		%
Rhodium	103-2				77		%
Scandium	45-1				75		%
Scandium	45-2				72		%
Selenium	77-2	484.40	423.15	469.84	459.13	6.97	ppb
Selenium	78-2	471.02	464.91	468.05	467.99	0.65	ppb
Selenium	82-1	482.86	477.68	492.26	484.27	1.53	ppb
Silicon	28-1	4120.09	4002.08	4115.82	4079.33	1.64	ppb
Silver	109-1	413.58	397.20	413.54	408.10	2.31	ppb
Silver	107-1	412.13	399.59	412.17	407.96	1.78	ppb
Sodium	23-2	93285.65	90918.33	88885.56	91029.85	2.42	ppb
Strontium	86-1	698.48	680.40	697.56	692.15	1.47	ppb
Strontium	88-1	704.36	687.02	707.90	699.76	1.60	ppb
Sulfur	34-1	4853.87	4311.21	4681.46	4615.51	6.01	ppb
Terbium	159-1				94		%
Terbium	159-2				84		%
Thallium	203-1	502.17	482.98	500.42	495.19	2.14	ppb
Thallium	205-1	512.22	496.13	512.43	506.93	1.84	ppb
Tin	118-1	498.08	481.16	500.54	493.26	2.14	ppb
Titanium	47-1	2521.50	2458.83	2544.03	2508.12	1.76	ppb
Uranium	238-1	519.60	512.03	524.52	518.72	1.21	ppb
Vanadium	51-2	513.52	503.84	496.60	504.65	1.68	ppb
Yttrium	89-1				86		%
Yttrium	89-2				75		%
Zinc	66-2	1021.31	1013.34	994.11	1009.59	1.39	ppb
Zirconium	90-1	511.30	498.81	515.98	508.70	1.75	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-01A	Instrumnet Name :	P7
Client Sample ID :	S36-0135A	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 16:35:08	DataFile Name :	032SMPL_P7061418 M9

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	510.79	496.99	516.58	508.12	1.98	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-04	Instrumnet Name :	P7
Client Sample ID :	S36-0141	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 16:38:41	DataFile Name :	033SMPL_P7061418 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.68	12.08	8.39	9.05	30.53	ppb
Antimony	121-1	2.14	2.06	2.21	2.14	3.73	ppb
Arsenic	75-2	52.27	52.80	52.59	52.55	0.51	ppb
Barium	135-1	43.55	43.27	43.29	43.37	0.36	ppb
Barium	137-1	44.20	43.36	44.09	43.88	1.04	ppb
Beryllium	9-1	0.30	0.30	0.25	0.28	8.73	ppb
Bismuth	209-1				97		%
Bismuth	209-2				87		%
Boron	10-1	59.02	53.91	54.35	55.76	5.08	ppb
Boron	11-1	60.96	59.26	57.33	59.19	3.07	ppb
Cadmium	111-1	0.12	0.16	0.03	0.10	66.33	ppb
Cadmium	106-1	-0.09	1.06	-1.07	-0.03		ppb
Cadmium	108-1	-0.06	0.17	0.18	0.10	140.70	ppb
Calcium	43-1	51143.15	50473.95	50475.92	50697.67	0.76	ppb
Calcium	44-1	51899.56	51407.68	51698.99	51668.75	0.48	ppb
Chromium	52-2	1.19	1.15	1.10	1.15	4.31	ppb
Cobalt	59-2	0.12	0.13	0.12	0.13	4.48	ppb
Copper	63-2	30.59	29.89	29.86	30.11	1.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				87		%
Indium	115-1				93		%
Indium	115-2				80		%
Iron	56-2	556.88	551.51	542.29	550.23	1.34	ppb
Iron	57-2	654.97	658.24	638.04	650.42	1.67	ppb
Lead	206-1	1.17	1.20	1.21	1.19	1.76	ppb
Lead	207-1	1.06	1.07	1.15	1.09	4.47	ppb
Lead	208-1	1.13	1.10	1.11	1.11	1.33	ppb
Lithium	6-1				99		%
Magnesium	24-2	15984.00	15855.17	15515.33	15784.83	1.53	ppb
Manganese	55-2	187.62	188.61	182.77	186.33	1.68	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-04	Instrumnet Name :	P7
Client Sample ID :	S36-0141	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 16:38:41	DataFile Name :	033SMPL_P7061418 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.76	0.80	0.94	0.83	11.17	ppb
Molybdenum	95-1	1.01	1.03	1.21	1.08	10.19	ppb
Molybdenum	96-1	1.01	1.03	1.10	1.05	4.88	ppb
Molybdenum	97-1	0.94	1.00	1.09	1.01	7.25	ppb
Molybdenum	98-1	0.98	1.01	1.23	1.07	12.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.76	0.78	0.65	0.73	9.19	ppb
Phosphorus	31-2	66.69	70.95	63.97	67.20	5.24	ppb
Potassium	39-2	4933.38	4896.85	4851.39	4893.87	0.84	ppb
Rhodium	103-1				86		%
Rhodium	103-2				81		%
Scandium	45-1				76		%
Scandium	45-2				74		%
Selenium	77-2	4.36	2.43	2.40	3.06	36.60	ppb
Selenium	78-2	1.14	-0.31	-1.01	-0.06		ppb
Selenium	82-1	0.38	0.14	0.12	0.21	67.56	ppb
Silicon	28-1	4813.25	4750.17	4766.82	4776.75	0.68	ppb
Silver	109-1	0.34	0.35	0.34	0.34	1.82	ppb
Silver	107-1	0.32	0.37	0.34	0.34	7.09	ppb
Sodium	23-2	41836.98	41682.56	40818.65	41446.06	1.32	ppb
Strontium	86-1	353.94	353.83	348.94	352.24	0.81	ppb
Strontium	88-1	360.17	357.02	355.17	357.45	0.71	ppb
Sulfur	34-1	6489.18	6064.74	6241.03	6264.98	3.40	ppb
Terbium	159-1				96		%
Terbium	159-2				86		%
Thallium	203-1	0.15	0.15	0.15	0.15	2.77	ppb
Thallium	205-1	0.14	0.12	0.13	0.13	5.06	ppb
Tin	118-1	5.27	5.35	5.26	5.30	0.91	ppb
Titanium	47-1	1.14	1.26	1.34	1.25	8.13	ppb
Uranium	238-1	1.35	1.35	1.38	1.36	1.41	ppb
Vanadium	51-2	0.58	0.58	0.60	0.59	2.31	ppb
Yttrium	89-1				88		%
Yttrium	89-2				77		%
Zinc	66-2	19.64	20.59	19.34	19.86	3.29	ppb
Zirconium	90-1	0.09	0.08	0.08	0.08	5.09	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-04	Instrumnet Name :	P7
Client Sample ID :	S36-0141	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 16:38:41	DataFile Name :	033SMPL_P7061418 M9

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.06	0.10	0.08	24.74	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P7
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 16:43:55	DataFile Name :	034CCV_P7061418 MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47480.43	47303.83	46799.45	47194.57	0.75	ppb
Antimony	121-1	454.81	455.78	454.39	454.99	0.16	ppb
Arsenic	75-2	494.59	490.48	488.43	491.17	0.64	ppb
Barium	135-1	2515.57	2482.13	2476.60	2491.43	0.85	ppb
Barium	137-1	2515.97	2509.68	2489.87	2505.17	0.54	ppb
Beryllium	9-1	502.32	504.93	502.45	503.23	0.29	ppb
Bismuth	209-1				96		%
Bismuth	209-2				88		%
Boron	10-1	467.42	489.74	507.79	488.32	4.14	ppb
Boron	11-1	486.71	497.57	510.80	498.36	2.42	ppb
Cadmium	111-1	480.97	479.42	477.11	479.17	0.40	ppb
Cadmium	106-1	469.57	472.82	489.02	477.14	2.18	ppb
Cadmium	108-1	468.71	484.11	483.49	478.77	1.82	ppb
Calcium	43-1	237762.77	236303.66	237517.60	237194.68	0.33	ppb
Calcium	44-1	238699.11	237634.41	237377.97	237903.83	0.29	ppb
Chromium	52-2	518.49	516.57	507.90	514.32	1.10	ppb
Cobalt	59-2	497.45	493.33	487.55	492.78	1.01	ppb
Copper	63-2	988.97	976.93	963.87	976.59	1.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				95		%
Indium	115-1				96		%
Indium	115-2				86		%
Iron	56-2	126645.38	126114.64	124336.98	125699.00	0.96	ppb
Iron	57-2	126607.46	126108.48	125429.35	126048.43	0.47	ppb
Lead	206-1	513.95	513.13	511.95	513.01	0.20	ppb
Lead	207-1	507.47	513.95	509.14	510.19	0.66	ppb
Lead	208-1	514.56	518.03	512.89	515.16	0.51	ppb
Lithium	6-1				88		%
Magnesium	24-2	239608.63	238400.07	234797.46	237602.05	1.05	ppb
Manganese	55-2	989.28	987.69	974.45	983.81	0.83	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P7
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 16:43:55	DataFile Name :	034CCV_P7061418 MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2573.19	2596.02	2556.62	2575.28	0.77	ppb
Molybdenum	95-1	2569.54	2581.52	2538.57	2563.21	0.86	ppb
Molybdenum	96-1	2572.94	2582.71	2555.84	2570.50	0.53	ppb
Molybdenum	97-1	2544.69	2547.19	2522.65	2538.18	0.53	ppb
Molybdenum	98-1	2565.77	2584.48	2559.23	2569.83	0.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	505.09	499.89	492.42	499.14	1.28	ppb
Phosphorus	31-2	10020.02	9949.78	9995.72	9988.51	0.36	ppb
Potassium	39-2	121402.09	121075.52	119546.55	120674.72	0.82	ppb
Rhodium	103-1				90		%
Rhodium	103-2				85		%
Scandium	45-1				89		%
Scandium	45-2				86		%
Selenium	77-2	461.60	460.94	472.94	465.16	1.45	ppb
Selenium	78-2	485.99	480.25	472.84	479.69	1.37	ppb
Selenium	82-1	485.03	482.11	485.53	484.22	0.38	ppb
Silicon	28-1	484.60	495.49	504.44	494.84	2.01	ppb
Silver	109-1	476.71	475.52	474.14	475.46	0.27	ppb
Silver	107-1	474.49	473.37	473.09	473.65	0.16	ppb
Sodium	23-2	242601.47	242113.24	237518.33	240744.35	1.16	ppb
Strontium	86-1	509.21	514.88	510.58	511.56	0.58	ppb
Strontium	88-1	518.57	519.59	515.15	517.77	0.45	ppb
Sulfur	34-1	10262.59	10198.21	10106.03	10188.94	0.77	ppb
Terbium	159-1				103		%
Terbium	159-2				94		%
Thallium	203-1	510.17	511.25	512.31	511.24	0.21	ppb
Thallium	205-1	521.27	524.14	523.14	522.85	0.28	ppb
Tin	118-1	483.21	481.93	477.66	480.93	0.60	ppb
Titanium	47-1	2556.54	2565.36	2537.77	2553.22	0.55	ppb
Uranium	238-1	532.38	531.45	533.55	532.46	0.20	ppb
Vanadium	51-2	506.25	500.41	492.58	499.75	1.37	ppb
Yttrium	89-1				96		%
Yttrium	89-2				88		%
Zinc	66-2	963.33	953.51	941.58	952.81	1.14	ppb
Zirconium	90-1	505.40	508.98	502.29	505.56	0.66	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P7
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 16:43:55	DataFile Name :	034CCV_P7061418 MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	504.89	507.92	500.82	504.55	0.71	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P7
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 16:59:47	DataFile Name :	037CCBE_P7061418 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.33	0.62	1.11	1.02	35.54	ppb
Antimony	121-1	0.24	0.26	0.22	0.24	8.50	ppb
Arsenic	75-2	0.06	0.05	-0.02	0.03	132.32	ppb
Barium	135-1	0.15	0.12	0.07	0.11	36.19	ppb
Barium	137-1	0.15	0.15	0.10	0.13	20.57	ppb
Beryllium	9-1	0.34	0.38	0.38	0.37	5.01	ppb
Bismuth	209-1				84		%
Bismuth	209-2				87		%
Boron	10-1	17.99	19.14	14.44	17.19	14.26	ppb
Boron	11-1	19.50	17.54	14.75	17.26	13.85	ppb
Cadmium	111-1	0.03	0.11	0.00	0.05	130.03	ppb
Cadmium	106-1	-0.40	1.43	-0.46	0.19	566.61	ppb
Cadmium	108-1	0.05	-0.01	0.04	0.03	103.50	ppb
Calcium	43-1	14.31	14.15	14.59	14.35	1.56	ppb
Calcium	44-1	17.50	16.34	15.07	16.30	7.43	ppb
Chromium	52-2	0.00	0.02	0.02	0.01	61.14	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	37.03	ppb
Copper	63-2	1.10	1.00	0.99	1.03	6.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				84		%
Holmium	165-2				87		%
Indium	115-1				82		%
Indium	115-2				83		%
Iron	56-2	5.25	5.02	4.37	4.88	9.38	ppb
Iron	57-2	5.28	4.41	3.39	4.36	21.62	ppb
Lead	206-1	0.05	0.10	0.06	0.07	39.64	ppb
Lead	207-1	0.08	0.09	0.09	0.09	8.73	ppb
Lead	208-1	0.07	0.09	0.08	0.08	9.00	ppb
Lithium	6-1				75		%
Magnesium	24-2	6.02	6.41	6.42	6.28	3.60	ppb
Manganese	55-2	0.05	0.03	0.08	0.05	54.44	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P7
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 16:59:47	DataFile Name :	037CCBE_P7061418 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.28	0.26	0.20	0.25	16.48	ppb
Molybdenum	95-1	0.19	0.26	0.14	0.20	29.50	ppb
Molybdenum	96-1	0.24	0.22	0.21	0.22	6.27	ppb
Molybdenum	97-1	0.25	0.19	0.24	0.23	15.19	ppb
Molybdenum	98-1	0.22	0.24	0.19	0.21	10.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.01	0.03	0.01	313.64	ppb
Phosphorus	31-2	-19.25	1.94	-2.58	-6.63		ppb
Potassium	39-2	17.28	22.67	17.01	18.99	16.80	ppb
Rhodium	103-1				80		%
Rhodium	103-2				85		%
Scandium	45-1				75		%
Scandium	45-2				81		%
Selenium	77-2	-0.50	-0.50	-0.50	-0.50		ppb
Selenium	78-2	0.22	-0.41	-1.20	-0.47		ppb
Selenium	82-1	0.87	-0.76	-0.22	-0.04		ppb
Silicon	28-1	4.99	4.66	1.38	3.68	54.30	ppb
Silver	109-1	0.09	0.06	0.09	0.08	19.35	ppb
Silver	107-1	0.10	0.08	0.07	0.08	17.50	ppb
Sodium	23-2	52.80	51.13	50.55	51.49	2.28	ppb
Strontium	86-1	0.05	-0.01	0.04	0.03	112.83	ppb
Strontium	88-1	0.02	0.03	0.02	0.03	24.28	ppb
Sulfur	34-1	1292.44	1345.35	536.44	1058.08	42.77	ppb
Terbium	159-1				85		%
Terbium	159-2				87		%
Thallium	203-1	0.09	0.07	0.07	0.07	13.32	ppb
Thallium	205-1	0.10	0.08	0.08	0.09	18.00	ppb
Tin	118-1	0.08	0.05	0.07	0.07	17.46	ppb
Titanium	47-1	0.29	0.12	0.13	0.18	51.97	ppb
Uranium	238-1	0.03	0.03	0.02	0.03	25.06	ppb
Vanadium	51-2	0.02	0.04	0.02	0.03	43.29	ppb
Yttrium	89-1				80		%
Yttrium	89-2				83		%
Zinc	66-2	0.45	0.38	0.03	0.28	78.96	ppb
Zirconium	90-1	0.05	0.05	0.02	0.04	37.08	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P7
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 16:59:47	DataFile Name :	037CCBE_P7061418 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.03	0.00	0.03	105.33	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-06	Instrumnet Name :	P7
Client Sample ID :	S36-0140	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 17:04:13	DataFile Name :	038SMPL_P7061418 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.35	10.84	11.89	11.36	4.62	ppb
Antimony	121-1	3.33	2.35	2.02	2.57	26.57	ppb
Arsenic	75-2	16.64	17.96	17.01	17.20	3.96	ppb
Barium	135-1	83.62	84.78	83.58	84.00	0.81	ppb
Barium	137-1	84.12	83.60	84.24	83.99	0.40	ppb
Beryllium	9-1	0.18	0.15	0.15	0.16	10.86	ppb
Bismuth	209-1				94		%
Bismuth	209-2				87		%
Boron	10-1	43.04	41.07	42.67	42.26	2.48	ppb
Boron	11-1	47.50	46.35	44.61	46.15	3.15	ppb
Cadmium	111-1	0.04	0.07	0.05	0.06	21.31	ppb
Cadmium	106-1	-1.59	-0.34	-0.42	-0.78		ppb
Cadmium	108-1	0.14	0.04	0.03	0.07	83.12	ppb
Calcium	43-1	114272.85	114530.11	113380.01	114060.99	0.53	ppb
Calcium	44-1	115591.17	116357.26	115366.34	115771.59	0.45	ppb
Chromium	52-2	1.02	0.99	1.02	1.01	1.82	ppb
Cobalt	59-2	0.12	0.14	0.15	0.14	9.52	ppb
Copper	63-2	35.28	36.41	36.71	36.13	2.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				87		%
Indium	115-1				91		%
Indium	115-2				81		%
Iron	56-2	2155.10	2174.08	2148.64	2159.27	0.61	ppb
Iron	57-2	2385.10	2428.36	2350.06	2387.84	1.64	ppb
Lead	206-1	1.60	1.58	1.60	1.59	0.52	ppb
Lead	207-1	1.58	1.59	1.50	1.56	3.25	ppb
Lead	208-1	1.58	1.56	1.52	1.55	2.02	ppb
Lithium	6-1				89		%
Magnesium	24-2	37264.09	37616.97	36822.75	37234.60	1.07	ppb
Manganese	55-2	552.45	554.33	551.13	552.64	0.29	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-06	Instrumnet Name :	P7
Client Sample ID :	S36-0140	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 17:04:13	DataFile Name :	038SMPL_P7061418 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.43	0.44	0.48	0.45	6.23	ppb
Molybdenum	95-1	0.48	0.54	0.46	0.49	8.46	ppb
Molybdenum	96-1	0.41	0.45	0.56	0.47	15.87	ppb
Molybdenum	97-1	0.53	0.48	0.55	0.52	6.32	ppb
Molybdenum	98-1	0.51	0.55	0.49	0.52	6.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.92	2.15	1.88	1.98	7.37	ppb
Phosphorus	31-2	17.54	-9.14	-1.73	2.22	619.28	ppb
Potassium	39-2	7194.81	7190.47	7039.56	7141.61	1.24	ppb
Rhodium	103-1				84		%
Rhodium	103-2				81		%
Scandium	45-1				76		%
Scandium	45-2				75		%
Selenium	77-2	5.23	1.41	3.32	3.32	57.47	ppb
Selenium	78-2	-0.72	-0.07	-0.56	-0.45		ppb
Selenium	82-1	-0.90	-0.05	0.98	0.01	10767.30	ppb
Silicon	28-1	5535.12	5562.19	5478.84	5525.38	0.77	ppb
Silver	109-1	0.64	0.51	0.53	0.56	12.40	ppb
Silver	107-1	0.58	0.55	0.50	0.54	7.17	ppb
Sodium	23-2	43770.36	43977.48	42978.03	43575.29	1.21	ppb
Strontium	86-1	792.58	794.63	791.79	793.00	0.18	ppb
Strontium	88-1	797.02	806.40	799.70	801.04	0.60	ppb
Sulfur	34-1	19149.91	19415.71	18665.69	19077.11	1.99	ppb
Terbium	159-1				94		%
Terbium	159-2				87		%
Thallium	203-1	0.26	0.19	0.12	0.19	37.95	ppb
Thallium	205-1	0.26	0.17	0.12	0.19	36.89	ppb
Tin	118-1	6.37	5.69	5.56	5.87	7.35	ppb
Titanium	47-1	1.13	1.37	1.06	1.19	13.50	ppb
Uranium	238-1	1.53	1.48	1.51	1.51	1.81	ppb
Vanadium	51-2	0.62	0.69	0.70	0.67	6.00	ppb
Yttrium	89-1				87		%
Yttrium	89-2				79		%
Zinc	66-2	22.55	21.84	22.38	22.26	1.66	ppb
Zirconium	90-1	0.08	0.07	0.03	0.06	37.90	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-06	Instrumnet Name :	P7
Client Sample ID :	S36-0140	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 17:04:13	DataFile Name :	038SMPL_P7061418 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.05	0.07	0.06	16.54	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-07	Instrumnet Name :	P7
Client Sample ID :	S36-0133	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 17:07:46	DataFile Name :	039SMPL_P7061418 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.10	8.41	12.44	10.98	20.36	ppb
Antimony	121-1	1.49	1.56	1.62	1.56	4.19	ppb
Arsenic	75-2	47.08	46.43	46.45	46.65	0.79	ppb
Barium	135-1	32.18	32.57	33.08	32.61	1.38	ppb
Barium	137-1	32.71	32.87	33.00	32.86	0.44	ppb
Beryllium	9-1	0.20	0.14	0.10	0.15	35.38	ppb
Bismuth	209-1				96		%
Bismuth	209-2				87		%
Boron	10-1	35.69	39.32	38.25	37.75	4.94	ppb
Boron	11-1	39.43	40.51	40.50	40.15	1.56	ppb
Cadmium	111-1	0.04	0.00	-0.10	-0.02		ppb
Cadmium	106-1	0.41	-0.87	-2.72	-1.06		ppb
Cadmium	108-1	-0.01	0.03	-0.01	0.00	1118.70	ppb
Calcium	43-1	118580.20	120691.77	119788.92	119686.96	0.89	ppb
Calcium	44-1	119850.52	123407.79	122203.77	121820.69	1.49	ppb
Chromium	52-2	0.86	0.90	0.91	0.89	2.99	ppb
Cobalt	59-2	0.16	0.14	0.14	0.15	6.81	ppb
Copper	63-2	18.48	18.72	18.99	18.73	1.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				88		%
Indium	115-1				92		%
Indium	115-2				80		%
Iron	56-2	12246.89	12027.23	12201.14	12158.42	0.95	ppb
Iron	57-2	12138.54	11966.27	12215.63	12106.81	1.05	ppb
Lead	206-1	0.33	0.34	0.35	0.34	2.83	ppb
Lead	207-1	0.31	0.32	0.32	0.31	2.43	ppb
Lead	208-1	0.32	0.32	0.32	0.32	0.92	ppb
Lithium	6-1				96		%
Magnesium	24-2	35832.75	35287.41	35543.14	35554.43	0.77	ppb
Manganese	55-2	1016.83	998.20	1015.44	1010.16	1.03	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-07	Instrumnet Name :	P7
Client Sample ID :	S36-0133	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 17:07:46	DataFile Name :	039SMPL_P7061418 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.45	0.33	0.43	0.40	16.74	ppb
Molybdenum	95-1	0.40	0.47	0.38	0.42	11.65	ppb
Molybdenum	96-1	0.46	0.39	0.52	0.46	13.91	ppb
Molybdenum	97-1	0.33	0.35	0.39	0.36	9.34	ppb
Molybdenum	98-1	0.43	0.44	0.47	0.45	4.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.67	0.74	0.84	0.75	11.00	ppb
Phosphorus	31-2	53.66	52.66	23.38	43.24	39.78	ppb
Potassium	39-2	5829.72	5737.11	5801.82	5789.55	0.82	ppb
Rhodium	103-1				85		%
Rhodium	103-2				81		%
Scandium	45-1				76		%
Scandium	45-2				74		%
Selenium	77-2	1.42	0.45	0.47	0.78	71.04	ppb
Selenium	78-2	-1.19	0.87	-1.32	-0.55		ppb
Selenium	82-1	-0.05	0.12	-0.15	-0.02		ppb
Silicon	28-1	5496.13	5625.61	5567.14	5562.96	1.17	ppb
Silver	109-1	0.37	0.32	0.30	0.33	9.77	ppb
Silver	107-1	0.32	0.29	0.29	0.30	5.75	ppb
Sodium	23-2	52683.91	51700.37	52080.72	52155.00	0.95	ppb
Strontium	86-1	773.41	786.06	782.84	780.77	0.84	ppb
Strontium	88-1	782.27	794.48	797.38	791.37	1.01	ppb
Sulfur	34-1	30800.03	31453.38	30836.89	31030.10	1.18	ppb
Terbium	159-1				97		%
Terbium	159-2				87		%
Thallium	203-1	0.03	0.03	0.03	0.03	1.15	ppb
Thallium	205-1	0.04	0.03	0.03	0.03	5.74	ppb
Tin	118-1	3.18	3.56	3.60	3.45	6.67	ppb
Titanium	47-1	1.52	1.68	1.76	1.65	7.27	ppb
Uranium	238-1	0.88	0.87	0.84	0.86	2.35	ppb
Vanadium	51-2	0.50	0.50	0.53	0.51	3.56	ppb
Yttrium	89-1				88		%
Yttrium	89-2				78		%
Zinc	66-2	18.43	19.02	19.82	19.09	3.65	ppb
Zirconium	90-1	0.07	0.08	0.07	0.07	11.69	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-07	Instrumnet Name :	P7
Client Sample ID :	S36-0133	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 17:07:46	DataFile Name :	039SMPL_P7061418 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.10	0.01	0.07	72.79	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-08	Instrumnet Name :	P7
Client Sample ID :	S36-0134	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 17:11:19	DataFile Name :	040SMPL_P7061418 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.23	7.53	6.00	6.92	11.74	ppb
Antimony	121-1	1.62	1.72	1.65	1.66	2.86	ppb
Arsenic	75-2	44.08	40.29	41.96	42.11	4.51	ppb
Barium	135-1	31.98	31.69	32.66	32.11	1.55	ppb
Barium	137-1	32.25	32.18	32.94	32.46	1.29	ppb
Beryllium	9-1	0.15	0.09	0.22	0.16	39.97	ppb
Bismuth	209-1				95		%
Bismuth	209-2				86		%
Boron	10-1	35.09	35.91	38.18	36.39	4.40	ppb
Boron	11-1	38.14	38.98	40.61	39.24	3.20	ppb
Cadmium	111-1	0.01	0.08	-0.04	0.02	366.78	ppb
Cadmium	106-1	-0.36	0.90	-1.45	-0.30		ppb
Cadmium	108-1	0.04	0.08	-0.01	0.03	137.49	ppb
Calcium	43-1	118325.59	118279.14	119960.34	118855.02	0.81	ppb
Calcium	44-1	119870.86	120331.21	121423.11	120541.73	0.66	ppb
Chromium	52-2	0.83	0.71	0.75	0.76	8.02	ppb
Cobalt	59-2	0.10	0.10	0.11	0.11	5.88	ppb
Copper	63-2	17.94	17.56	18.00	17.83	1.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				88		%
Indium	115-1				91		%
Indium	115-2				79		%
Iron	56-2	11692.38	11190.11	11404.90	11429.13	2.20	ppb
Iron	57-2	11697.61	11172.98	11313.25	11394.62	2.38	ppb
Lead	206-1	0.30	0.30	0.29	0.30	1.39	ppb
Lead	207-1	0.25	0.26	0.30	0.27	9.30	ppb
Lead	208-1	0.27	0.28	0.29	0.28	2.80	ppb
Lithium	6-1				93		%
Magnesium	24-2	35448.93	34001.18	34620.28	34690.13	2.09	ppb
Manganese	55-2	1009.31	972.09	992.01	991.14	1.88	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-08	Instrumnet Name :	P7
Client Sample ID :	S36-0134	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 17:11:19	DataFile Name :	040SMPL_P7061418 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.39	0.42	0.35	0.39	10.16	ppb
Molybdenum	95-1	0.41	0.40	0.39	0.40	2.31	ppb
Molybdenum	96-1	0.41	0.50	0.45	0.45	9.56	ppb
Molybdenum	97-1	0.38	0.47	0.41	0.42	11.50	ppb
Molybdenum	98-1	0.35	0.42	0.38	0.38	8.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.47	0.42	0.47	0.45	6.46	ppb
Phosphorus	31-2	25.03	18.41	20.35	21.26	16.00	ppb
Potassium	39-2	5726.16	5566.25	5634.48	5642.30	1.42	ppb
Rhodium	103-1				85		%
Rhodium	103-2				81		%
Scandium	45-1				74		%
Scandium	45-2				73		%
Selenium	77-2	4.43	-0.50	0.47	1.47	178.02	ppb
Selenium	78-2	-0.61	-1.52	-1.17	-1.10		ppb
Selenium	82-1	-0.29	-0.32	0.14	-0.16		ppb
Silicon	28-1	5417.66	5433.78	5493.04	5448.16	0.73	ppb
Silver	109-1	0.27	0.27	0.27	0.27	1.16	ppb
Silver	107-1	0.24	0.24	0.27	0.25	5.82	ppb
Sodium	23-2	51969.80	49782.18	50570.27	50774.09	2.18	ppb
Strontium	86-1	764.50	770.11	773.78	769.46	0.61	ppb
Strontium	88-1	779.60	780.83	786.85	782.43	0.50	ppb
Sulfur	34-1	30489.57	30699.66	30870.97	30686.73	0.62	ppb
Terbium	159-1				96		%
Terbium	159-2				87		%
Thallium	203-1	0.02	0.01	0.00	0.01	88.45	ppb
Thallium	205-1	0.02	0.01	0.02	0.01	16.22	ppb
Tin	118-1	2.84	2.80	2.93	2.86	2.37	ppb
Titanium	47-1	1.43	1.70	1.62	1.58	8.85	ppb
Uranium	238-1	0.85	0.86	0.84	0.85	1.04	ppb
Vanadium	51-2	0.47	0.47	0.44	0.46	2.95	ppb
Yttrium	89-1				87		%
Yttrium	89-2				78		%
Zinc	66-2	9.62	9.56	9.42	9.53	1.05	ppb
Zirconium	90-1	0.07	0.06	0.07	0.07	10.61	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-08	Instrumnet Name :	P7
Client Sample ID :	S36-0134	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 17:11:19	DataFile Name :	040SMPL_P7061418 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.06	0.06	0.06	13.76	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-09	Instrumnet Name :	P7
Client Sample ID :	S36-0137	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 17:14:53	DataFile Name :	041SMPL_P7061418 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	507.69	512.18	512.15	510.67	0.51	ppb
Antimony	121-1	1.85	1.87	1.70	1.81	5.17	ppb
Arsenic	75-2	25.20	25.66	25.70	25.52	1.09	ppb
Barium	135-1	32.39	32.78	32.35	32.51	0.74	ppb
Barium	137-1	32.04	31.81	31.80	31.88	0.42	ppb
Beryllium	9-1	0.12	0.16	0.14	0.14	12.28	ppb
Bismuth	209-1				95		%
Bismuth	209-2				86		%
Boron	10-1	36.01	36.83	34.70	35.85	2.99	ppb
Boron	11-1	39.56	38.59	39.70	39.28	1.54	ppb
Cadmium	111-1	-0.06	0.01	-0.04	-0.03		ppb
Cadmium	106-1	-1.26	-0.26	-1.49	-1.00		ppb
Cadmium	108-1	0.13	0.04	-0.01	0.05	143.48	ppb
Calcium	43-1	44509.19	44752.98	43872.05	44378.07	1.02	ppb
Calcium	44-1	45446.95	45348.23	44718.92	45171.37	0.87	ppb
Chromium	52-2	1.96	2.20	2.08	2.08	5.79	ppb
Cobalt	59-2	0.40	0.44	0.45	0.43	6.38	ppb
Copper	63-2	17.87	18.42	18.86	18.38	2.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				87		%
Indium	115-1				91		%
Indium	115-2				79		%
Iron	56-2	743.85	751.78	758.98	751.54	1.01	ppb
Iron	57-2	812.46	856.03	845.16	837.88	2.71	ppb
Lead	206-1	1.19	1.21	1.19	1.19	0.82	ppb
Lead	207-1	1.10	1.04	1.08	1.07	2.67	ppb
Lead	208-1	1.15	1.14	1.13	1.14	0.88	ppb
Lithium	6-1				91		%
Magnesium	24-2	10296.14	10376.07	10395.08	10355.76	0.51	ppb
Manganese	55-2	51.85	51.07	52.87	51.93	1.74	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-09	Instrumnet Name :	P7
Client Sample ID :	S36-0137	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 17:14:53	DataFile Name :	041SMPL_P7061418 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.58	2.38	2.56	2.51	4.41	ppb
Molybdenum	95-1	2.95	2.59	2.54	2.69	8.24	ppb
Molybdenum	96-1	2.67	2.78	2.62	2.69	3.01	ppb
Molybdenum	97-1	2.78	2.85	2.96	2.86	3.08	ppb
Molybdenum	98-1	2.62	2.71	2.54	2.62	3.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.37	1.47	1.55	1.46	6.13	ppb
Phosphorus	31-2	65.31	66.39	5.64	45.78	75.94	ppb
Potassium	39-2	13150.18	13329.02	13443.13	13307.44	1.11	ppb
Rhodium	103-1				84		%
Rhodium	103-2				80		%
Scandium	45-1				73		%
Scandium	45-2				71		%
Selenium	77-2	1.47	2.48	6.42	3.46	75.77	ppb
Selenium	78-2	-1.29	-1.09	-0.93	-1.11		ppb
Selenium	82-1	0.15	-0.85	0.68	-0.01		ppb
Silicon	28-1	3955.85	3972.67	3911.67	3946.73	0.80	ppb
Silver	109-1	0.21	0.26	0.23	0.23	9.99	ppb
Silver	107-1	0.20	0.21	0.21	0.21	3.05	ppb
Sodium	23-2	36791.04	37288.23	37589.51	37222.93	1.08	ppb
Strontium	86-1	403.56	397.26	395.06	398.63	1.11	ppb
Strontium	88-1	412.48	404.90	401.76	406.38	1.36	ppb
Sulfur	34-1	5405.84	5341.50	4843.07	5196.80	5.93	ppb
Terbium	159-1				95		%
Terbium	159-2				86		%
Thallium	203-1	0.03	0.03	0.03	0.03	8.30	ppb
Thallium	205-1	0.02	0.02	0.03	0.02	16.31	ppb
Tin	118-1	2.57	2.61	2.64	2.61	1.22	ppb
Titanium	47-1	25.04	24.59	27.43	25.69	5.95	ppb
Uranium	238-1	2.05	2.03	2.08	2.06	1.23	ppb
Vanadium	51-2	2.18	2.31	2.36	2.28	3.92	ppb
Yttrium	89-1				86		%
Yttrium	89-2				76		%
Zinc	66-2	70.36	70.70	71.11	70.72	0.53	ppb
Zirconium	90-1	0.42	0.44	0.68	0.51	28.55	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-09	Instrumnet Name :	P7
Client Sample ID :	S36-0137	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 17:14:53	DataFile Name :	041SMPL_P7061418 M9

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.42	0.43	0.35	0.40	11.18	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-10	Instrumnet Name :	P7
Client Sample ID :	S36-0139	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 17:18:27	DataFile Name :	042SMPL_P7061418 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25.48	29.31	23.69	26.16	10.98	ppb
Antimony	121-1	1.71	1.75	1.86	1.77	4.28	ppb
Arsenic	75-2	14.76	14.37	14.03	14.39	2.54	ppb
Barium	135-1	54.80	51.25	51.89	52.65	3.59	ppb
Barium	137-1	55.71	52.25	52.03	53.33	3.88	ppb
Beryllium	9-1	0.10	0.09	0.10	0.10	7.19	ppb
Bismuth	209-1				96		%
Bismuth	209-2				88		%
Boron	10-1	34.90	36.13	34.90	35.31	2.01	ppb
Boron	11-1	39.48	37.40	38.87	38.58	2.77	ppb
Cadmium	111-1	-0.02	0.02	-0.03	-0.01		ppb
Cadmium	106-1	-1.29	-0.78	-1.22	-1.09		ppb
Cadmium	108-1	0.04	0.12	0.08	0.08	55.52	ppb
Calcium	43-1	103272.32	97923.19	97186.85	99460.79	3.34	ppb
Calcium	44-1	104972.20	100106.49	99524.11	101534.27	2.95	ppb
Chromium	52-2	0.89	0.96	0.93	0.93	4.25	ppb
Cobalt	59-2	0.38	0.36	0.41	0.38	5.80	ppb
Copper	63-2	16.16	16.02	16.61	16.26	1.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				89		%
Indium	115-1				93		%
Indium	115-2				81		%
Iron	56-2	749.08	742.97	749.57	747.21	0.49	ppb
Iron	57-2	931.81	924.60	927.17	927.86	0.39	ppb
Lead	206-1	0.39	0.36	0.35	0.36	5.72	ppb
Lead	207-1	0.37	0.42	0.36	0.38	7.05	ppb
Lead	208-1	0.39	0.38	0.36	0.38	3.84	ppb
Lithium	6-1				92		%
Magnesium	24-2	29315.11	28887.18	29413.28	29205.19	0.96	ppb
Manganese	55-2	541.24	534.16	538.16	537.85	0.66	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-10	Instrumnet Name :	P7
Client Sample ID :	S36-0139	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 17:18:27	DataFile Name :	042SMPL_P7061418 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.03	0.90	0.89	0.94	8.56	ppb
Molybdenum	95-1	1.28	1.31	1.14	1.24	7.00	ppb
Molybdenum	96-1	1.35	1.10	1.14	1.20	11.08	ppb
Molybdenum	97-1	1.33	1.28	1.21	1.27	4.75	ppb
Molybdenum	98-1	1.31	1.24	1.25	1.26	2.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.78	1.55	1.77	1.70	7.59	ppb
Phosphorus	31-2	23.32	30.66	11.83	21.94	43.26	ppb
Potassium	39-2	5950.65	5920.54	5924.87	5932.02	0.27	ppb
Rhodium	103-1				86		%
Rhodium	103-2				82		%
Scandium	45-1				75		%
Scandium	45-2				73		%
Selenium	77-2	0.45	4.24	3.32	2.67	73.96	ppb
Selenium	78-2	-0.58	-0.27	-0.56	-0.47		ppb
Selenium	82-1	-1.00	0.03	-0.07	-0.35		ppb
Silicon	28-1	5062.20	4807.95	4777.69	4882.61	3.20	ppb
Silver	109-1	0.18	0.18	0.17	0.18	2.92	ppb
Silver	107-1	0.15	0.18	0.16	0.17	10.42	ppb
Sodium	23-2	33869.86	33518.76	33851.38	33746.67	0.59	ppb
Strontium	86-1	690.69	659.04	652.49	667.41	3.06	ppb
Strontium	88-1	704.80	670.60	668.84	681.41	2.98	ppb
Sulfur	34-1	11364.29	10306.26	10369.95	10680.17	5.56	ppb
Terbium	159-1				98		%
Terbium	159-2				89		%
Thallium	203-1	0.02	0.01	0.01	0.01	59.67	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	37.20	ppb
Tin	118-1	2.39	2.22	2.46	2.36	5.33	ppb
Titanium	47-1	1.91	1.79	1.64	1.78	7.48	ppb
Uranium	238-1	2.16	2.05	2.06	2.09	2.86	ppb
Vanadium	51-2	0.96	0.98	1.04	0.99	4.46	ppb
Yttrium	89-1				89		%
Yttrium	89-2				79		%
Zinc	66-2	44.64	44.91	45.17	44.90	0.59	ppb
Zirconium	90-1	0.05	0.04	0.04	0.04	18.34	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-10	Instrumnet Name :	P7
Client Sample ID :	S36-0139	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 17:18:27	DataFile Name :	042SMPL_P7061418 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.07	0.07	0.05	59.02	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-11	Instrumnet Name :	P7
Client Sample ID :	S36-EB-2018-1	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 17:22:00	DataFile Name :	043SMPL_P7061418 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.44	8.97	7.78	8.73	9.84	ppb
Antimony	121-1	1.93	1.98	2.11	2.01	4.41	ppb
Arsenic	75-2	0.61	0.68	0.67	0.65	5.72	ppb
Barium	135-1	0.39	0.34	0.38	0.37	7.64	ppb
Barium	137-1	0.36	0.32	0.30	0.33	9.17	ppb
Beryllium	9-1	0.06	0.05	0.07	0.06	13.82	ppb
Bismuth	209-1				102		%
Bismuth	209-2				90		%
Boron	10-1	3.34	4.04	5.11	4.16	21.47	ppb
Boron	11-1	4.99	4.42	4.71	4.71	6.02	ppb
Cadmium	111-1	0.03	-0.02	0.06	0.02	163.74	ppb
Cadmium	106-1	-0.25	-1.56	0.54	-0.43		ppb
Cadmium	108-1	-0.01	-0.06	0.03	-0.01		ppb
Calcium	43-1	98.52	104.55	115.79	106.29	8.24	ppb
Calcium	44-1	110.83	115.81	122.12	116.25	4.87	ppb
Chromium	52-2	0.94	0.82	0.96	0.90	8.34	ppb
Cobalt	59-2	0.01	0.01	0.00	0.01	57.97	ppb
Copper	63-2	17.84	17.76	17.76	17.78	0.26	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				101		%
Holmium	165-2				89		%
Indium	115-1				97		%
Indium	115-2				81		%
Iron	56-2	19.83	18.63	19.17	19.21	3.11	ppb
Iron	57-2	18.88	14.78	18.69	17.45	13.25	ppb
Lead	206-1	0.86	0.86	0.84	0.85	1.09	ppb
Lead	207-1	0.87	0.86	0.85	0.86	1.41	ppb
Lead	208-1	0.83	0.84	0.81	0.83	1.37	ppb
Lithium	6-1				93		%
Magnesium	24-2	11.37	11.99	10.81	11.39	5.16	ppb
Manganese	55-2	1.58	1.42	1.53	1.51	5.33	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-11	Instrumnet Name :	P7
Client Sample ID :	S36-EB-2018-1	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 17:22:00	DataFile Name :	043SMPL_P7061418 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.09	0.08	0.09	0.08	4.92	ppb
Molybdenum	95-1	0.03	0.02	0.04	0.03	39.60	ppb
Molybdenum	96-1	0.05	0.04	0.05	0.05	10.10	ppb
Molybdenum	97-1	0.03	0.03	0.07	0.04	39.62	ppb
Molybdenum	98-1	0.05	0.02	0.01	0.03	65.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.21	1.07	1.12	1.13	6.29	ppb
Phosphorus	31-2	-15.80	-8.23	3.28	-6.92		ppb
Potassium	39-2	208.27	204.59	200.81	204.56	1.82	ppb
Rhodium	103-1				91		%
Rhodium	103-2				85		%
Scandium	45-1				78		%
Scandium	45-2				73		%
Selenium	77-2	3.34	1.42	5.18	3.31	56.83	ppb
Selenium	78-2	0.59	-1.68	-1.07	-0.72		ppb
Selenium	82-1	-0.77	-0.33	0.05	-0.35		ppb
Silicon	28-1	3.18	2.67	3.24	3.03	10.33	ppb
Silver	109-1	0.16	0.20	0.16	0.17	12.75	ppb
Silver	107-1	0.21	0.19	0.18	0.19	7.40	ppb
Sodium	23-2	441.57	430.91	424.42	432.30	2.00	ppb
Strontium	86-1	0.28	0.35	0.45	0.36	22.88	ppb
Strontium	88-1	0.36	0.42	0.37	0.38	8.08	ppb
Sulfur	34-1	-582.72	-704.81	-783.32	-690.28		ppb
Terbium	159-1				100		%
Terbium	159-2				89		%
Thallium	203-1	0.00	0.00	0.00	0.00	70.10	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	28.02	ppb
Tin	118-1	2.14	2.11	2.14	2.13	0.88	ppb
Titanium	47-1	0.61	0.59	0.58	0.59	2.85	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	25.39	ppb
Vanadium	51-2	0.96	0.81	0.92	0.90	8.40	ppb
Yttrium	89-1				91		%
Yttrium	89-2				79		%
Zinc	66-2	19.25	19.84	19.44	19.51	1.54	ppb
Zirconium	90-1	0.03	0.02	0.02	0.02	16.46	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-11	Instrumnet Name :	P7
Client Sample ID :	S36-EB-2018-1	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 17:22:00	DataFile Name :	043SMPL_P7061418 M6

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

LB Number : LB96029 Operator : Jaswal
 Lab Sample ID : J3479-01 Instrumnet Name : P7
 Client Sample ID : SS050MW114R-180611 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-14 17:25:34 DataFile Name : 044SMPL_P7061418 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39579.89	39135.11	39320.58	39345.19	0.57	ppb
Antimony	121-1	2.69	2.62	2.71	2.68	1.81	ppb
Arsenic	75-2	122.97	120.78	120.47	121.41	1.12	ppb
Barium	135-1	34.76	34.60	34.45	34.60	0.45	ppb
Barium	137-1	35.12	34.37	34.68	34.72	1.08	ppb
Beryllium	9-1	1.94	2.07	1.88	1.96	4.70	ppb
Bismuth	209-1				75		%
Bismuth	209-2				68		%
Boron	10-1	878.41	881.04	881.48	880.31	0.19	ppb
Boron	11-1	911.80	913.91	941.99	922.57	1.83	ppb
Cadmium	111-1	16.14	15.90	15.60	15.88	1.68	ppb
Cadmium	106-1	15.54	14.91	12.95	14.47	9.34	ppb
Cadmium	108-1	15.06	15.15	16.30	15.50	4.47	ppb
Calcium	43-1	400365.91	398887.20	401241.69	400164.93	0.30	ppb
Calcium	44-1	402399.65	399320.20	404332.31	402017.38	0.63	ppb
Chromium	52-2	888.62	877.29	874.95	880.29	0.83	ppb
Cobalt	59-2	219.48	218.61	217.53	218.54	0.45	ppb
Copper	63-2	857.77	849.35	839.33	848.82	1.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				86		%
Holmium	165-2				78		%
Indium	115-1				77		%
Indium	115-2				69		%
Iron	56-2	112945.05	112103.98	111737.22	112262.08	0.55	ppb
Iron	57-2	111638.94	111007.36	110082.96	110909.75	0.71	ppb
Lead	206-1	631.45	616.67	629.21	625.78	1.27	ppb
Lead	207-1	587.69	572.34	583.05	581.02	1.36	ppb
Lead	208-1	611.14	595.98	606.29	604.47	1.28	ppb
Lithium	6-1				66		%
Magnesium	24-2	62998.11	62316.60	62663.56	62659.43	0.54	ppb
Manganese	55-2	8161.29	8102.85	8091.00	8118.38	0.46	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3479-01	Instrumnet Name :	P7
Client Sample ID :	SS050MW114R-180611	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 17:25:34	DataFile Name :	044SMPL_P7061418 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	25.08	24.98	25.46	25.17	1.01	ppb
Molybdenum	95-1	21.17	20.71	21.09	20.99	1.17	ppb
Molybdenum	96-1	21.62	21.79	22.10	21.84	1.12	ppb
Molybdenum	97-1	20.12	20.21	20.25	20.19	0.33	ppb
Molybdenum	98-1	20.76	20.54	20.67	20.66	0.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	464.01	456.19	453.37	457.85	1.20	ppb
Phosphorus	31-2	2471.29	2554.78	2689.65	2571.91	4.28	ppb
Potassium	39-2	25537.96	25377.03	25209.56	25374.85	0.65	ppb
Rhodium	103-1				69		%
Rhodium	103-2				67		%
Scandium	45-1				73		%
Scandium	45-2				70		%
Selenium	77-2	25.48	29.94	24.00	26.47	11.69	ppb
Selenium	78-2	11.34	7.31	13.41	10.69	29.05	ppb
Selenium	82-1	-62.75	-63.06	-71.00	-65.60		ppb
Silicon	28-1	30746.54	30297.99	30675.15	30573.23	0.79	ppb
Silver	109-1	0.36	0.43	0.54	0.45	19.91	ppb
Silver	107-1	0.37	0.45	0.50	0.44	15.34	ppb
Sodium	23-2	4082762.51	4041012.85	4037881.41	4053885.59	0.62	ppb
Strontium	86-1	1405.99	1389.12	1404.16	1399.76	0.66	ppb
Strontium	88-1	1428.31	1404.19	1417.99	1416.83	0.85	ppb
Sulfur	34-1	3829967.32	3790083.90	3806446.54	3808832.58	0.53	ppb
Terbium	159-1				85		%
Terbium	159-2				77		%
Thallium	203-1	1.80	1.65	1.71	1.72	4.21	ppb
Thallium	205-1	1.74	1.71	1.70	1.71	1.30	ppb
Tin	118-1	2.63	2.87	2.81	2.77	4.47	ppb
Titanium	47-1	78.93	62.16	59.49	66.86	15.77	ppb
Uranium	238-1	14.86	14.43	14.65	14.65	1.47	ppb
Vanadium	51-2	186.74	184.53	183.17	184.81	0.97	ppb
Yttrium	89-1				86		%
Yttrium	89-2				79		%
Zinc	66-2	560.24	552.60	544.49	552.44	1.43	ppb
Zirconium	90-1	7.09	6.92	7.21	7.07	2.02	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3479-01	Instrumnet Name :	P7
Client Sample ID :	SS050MW114R-180611	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 17:25:34	DataFile Name :	044SMPL_P7061418 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	7.32	7.04	7.53	7.30	3.40	ppb

LB Number : LB96029 Operator : Jaswal
 Lab Sample ID : J3479-02 Instrumnet Name : P7
 Client Sample ID : SS050MW114R-180611-I Dilution Factor : 1
 Date & Time Acquired :: 2018-06-14 17:29:10 DataFile Name : 045SMPL_P7061418 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46795.17	46280.49	47015.05	46696.90	0.81	ppb
Antimony	121-1	452.23	440.75	451.63	448.20	1.44	ppb
Arsenic	75-2	561.65	542.66	553.05	552.45	1.72	ppb
Barium	135-1	2404.85	2337.46	2374.65	2372.32	1.42	ppb
Barium	137-1	2441.05	2369.47	2412.79	2407.77	1.50	ppb
Beryllium	9-1	481.34	467.59	475.88	474.94	1.46	ppb
Bismuth	209-1				76		%
Bismuth	209-2				66		%
Boron	10-1	1406.28	1397.05	1422.15	1408.49	0.90	ppb
Boron	11-1	1495.06	1482.75	1536.73	1504.85	1.88	ppb
Cadmium	111-1	449.56	435.22	440.42	441.73	1.64	ppb
Cadmium	106-1	436.32	434.48	458.13	442.98	2.97	ppb
Cadmium	108-1	441.57	435.21	448.69	441.82	1.53	ppb
Calcium	43-1	445933.49	436281.45	444828.11	442347.68	1.19	ppb
Calcium	44-1	448421.18	436884.20	446983.83	444096.40	1.42	ppb
Chromium	52-2	1318.21	1295.48	1315.10	1309.60	0.94	ppb
Cobalt	59-2	669.95	663.40	670.54	667.96	0.59	ppb
Copper	63-2	1701.69	1679.19	1697.06	1692.65	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				90		%
Holmium	165-2				77		%
Indium	115-1				81		%
Indium	115-2				68		%
Iron	56-2	132857.20	130801.63	131982.27	131880.37	0.78	ppb
Iron	57-2	132446.61	129766.91	132120.48	131444.66	1.11	ppb
Lead	206-1	1159.32	1139.47	1159.64	1152.81	1.00	ppb
Lead	207-1	1092.57	1072.52	1092.49	1085.86	1.06	ppb
Lead	208-1	1135.63	1109.24	1129.98	1124.95	1.23	ppb
Lithium	6-1				70		%
Magnesium	24-2	103590.54	102957.50	104356.70	103634.91	0.68	ppb
Manganese	55-2	8832.59	8755.42	8822.76	8803.59	0.48	ppb

LB Number : LB96029 Operator : Jaswal
 Lab Sample ID : J3479-02 Instrumnet Name : P7
 Client Sample ID : SS050MW114R-180611-I Dilution Factor : 1
 Date & Time Acquired :: 2018-06-14 17:29:10 DataFile Name : 045SMPL_P7061418 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2282.68	2250.07	2268.41	2267.05	0.72	ppb
Molybdenum	95-1	2266.60	2224.87	2243.51	2244.99	0.93	ppb
Molybdenum	96-1	2283.54	2242.46	2269.44	2265.15	0.92	ppb
Molybdenum	97-1	2234.80	2189.82	2211.63	2212.09	1.02	ppb
Molybdenum	98-1	2277.69	2230.85	2257.53	2255.36	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	895.27	883.89	895.75	891.64	0.75	ppb
Phosphorus	31-2	2344.83	2525.85	2460.23	2443.63	3.75	ppb
Potassium	39-2	47895.64	47086.10	47502.66	47494.80	0.85	ppb
Rhodium	103-1				73		%
Rhodium	103-2				67		%
Scandium	45-1				81		%
Scandium	45-2				72		%
Selenium	77-2	497.02	502.71	477.22	492.31	2.72	ppb
Selenium	78-2	486.72	455.04	468.54	470.10	3.38	ppb
Selenium	82-1	410.29	409.34	403.86	407.83	0.85	ppb
Silicon	28-1	31792.05	30972.83	31641.71	31468.86	1.39	ppb
Silver	109-1	353.45	341.86	350.79	348.70	1.74	ppb
Silver	107-1	356.47	345.11	352.19	351.26	1.63	ppb
Sodium	23-2	3998073.82	3937554.00	4008534.80	3981387.54	0.96	ppb
Strontium	86-1	1860.29	1812.60	1842.78	1838.56	1.31	ppb
Strontium	88-1	1868.26	1824.86	1859.59	1850.91	1.24	ppb
Sulfur	34-1	3808908.08	3726786.32	3784803.37	3773499.26	1.12	ppb
Terbium	159-1				89		%
Terbium	159-2				76		%
Thallium	203-1	519.97	508.98	515.94	514.96	1.08	ppb
Thallium	205-1	531.15	521.16	531.46	527.93	1.11	ppb
Tin	118-1	479.47	468.47	480.86	476.27	1.42	ppb
Titanium	47-1	2429.26	2376.04	2428.64	2411.31	1.27	ppb
Uranium	238-1	564.24	558.64	563.71	562.19	0.55	ppb
Vanadium	51-2	657.10	644.59	655.56	652.42	1.05	ppb
Yttrium	89-1				92		%
Yttrium	89-2				80		%
Zinc	66-2	1381.19	1368.22	1392.29	1380.57	0.87	ppb
Zirconium	90-1	466.04	453.69	459.26	459.66	1.35	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3479-02	Instrumnet Name :	P7
Client Sample ID :	SS050MW114R-180611-I	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 17:29:10	DataFile Name :	045SMPL_P7061418 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	462.52	454.19	456.17	457.63	0.95	ppb

LB Number : LB96029 Operator : Jaswal
 Lab Sample ID : J3479-03 Instrumnet Name : P7
 Client Sample ID : SS050MW114R-180611-I Dilution Factor : 1
 Date & Time Acquired :: 2018-06-14 17:32:50 DataFile Name : 046SMPL_P7061418 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46985.88	46928.63	46782.30	46898.94	0.22	ppb
Antimony	121-1	443.76	440.51	446.53	443.60	0.68	ppb
Arsenic	75-2	563.24	554.50	549.06	555.60	1.29	ppb
Barium	135-1	2323.46	2298.39	2334.75	2318.87	0.80	ppb
Barium	137-1	2352.59	2334.42	2354.46	2347.16	0.47	ppb
Beryllium	9-1	479.18	471.58	479.85	476.87	0.96	ppb
Bismuth	209-1				74		%
Bismuth	209-2				64		%
Boron	10-1	1404.82	1433.51	1445.83	1428.05	1.47	ppb
Boron	11-1	1522.93	1512.43	1535.15	1523.50	0.75	ppb
Cadmium	111-1	437.41	434.99	441.06	437.82	0.70	ppb
Cadmium	106-1	429.66	429.54	439.73	432.97	1.35	ppb
Cadmium	108-1	448.22	432.77	444.82	441.94	1.84	ppb
Calcium	43-1	439489.73	434402.66	444593.20	439495.20	1.16	ppb
Calcium	44-1	440895.42	436069.14	446565.66	441176.74	1.19	ppb
Chromium	52-2	1325.30	1322.51	1314.50	1320.77	0.42	ppb
Cobalt	59-2	671.34	672.90	668.68	670.97	0.32	ppb
Copper	63-2	1684.22	1699.56	1690.38	1691.39	0.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				87		%
Holmium	165-2				74		%
Indium	115-1				79		%
Indium	115-2				66		%
Iron	56-2	133024.13	132774.53	132453.62	132750.76	0.22	ppb
Iron	57-2	132014.90	131739.56	130955.23	131569.90	0.42	ppb
Lead	206-1	1147.94	1138.63	1162.92	1149.83	1.07	ppb
Lead	207-1	1075.52	1066.53	1092.07	1078.04	1.20	ppb
Lead	208-1	1119.81	1107.33	1135.19	1120.77	1.25	ppb
Lithium	6-1				68		%
Magnesium	24-2	104526.55	104329.91	104625.92	104494.13	0.14	ppb
Manganese	55-2	8875.53	8880.70	8846.06	8867.43	0.21	ppb

LB Number : LB96029 Operator : Jaswal
 Lab Sample ID : J3479-03 Instrumnet Name : P7
 Client Sample ID : SS050MW114R-180611-I Dilution Factor : 1
 Date & Time Acquired :: 2018-06-14 17:32:50 DataFile Name : 046SMPL_P7061418 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2217.16	2200.55	2226.53	2214.75	0.59	ppb
Molybdenum	95-1	2194.64	2171.85	2187.54	2184.68	0.53	ppb
Molybdenum	96-1	2211.12	2197.45	2226.12	2211.56	0.65	ppb
Molybdenum	97-1	2159.02	2140.75	2150.26	2150.01	0.42	ppb
Molybdenum	98-1	2209.49	2175.17	2211.52	2198.72	0.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	895.92	898.01	898.77	897.57	0.16	ppb
Phosphorus	31-2	2391.40	2354.45	2319.76	2355.20	1.52	ppb
Potassium	39-2	47434.43	47235.71	47166.56	47278.90	0.29	ppb
Rhodium	103-1				71		%
Rhodium	103-2				65		%
Scandium	45-1				80		%
Scandium	45-2				70		%
Selenium	77-2	509.55	481.80	493.80	495.05	2.81	ppb
Selenium	78-2	480.71	462.96	467.14	470.27	1.97	ppb
Selenium	82-1	410.08	395.12	399.93	401.71	1.90	ppb
Silicon	28-1	31237.78	31207.14	31794.59	31413.17	1.05	ppb
Silver	109-1	349.75	345.57	352.84	349.38	1.04	ppb
Silver	107-1	349.58	346.70	353.05	349.78	0.91	ppb
Sodium	23-2	4044333.80	4036547.10	4002009.83	4027630.24	0.56	ppb
Strontium	86-1	1841.44	1820.28	1834.64	1832.12	0.59	ppb
Strontium	88-1	1850.21	1835.39	1852.27	1845.96	0.50	ppb
Sulfur	34-1	3744082.56	3702900.08	3799330.46	3748771.03	1.29	ppb
Terbium	159-1				87		%
Terbium	159-2				73		%
Thallium	203-1	512.29	506.53	516.57	511.80	0.98	ppb
Thallium	205-1	524.38	519.41	528.47	524.08	0.87	ppb
Tin	118-1	466.32	462.84	469.03	466.06	0.67	ppb
Titanium	47-1	2343.15	2331.92	2333.00	2336.02	0.27	ppb
Uranium	238-1	557.15	552.56	564.62	558.11	1.09	ppb
Vanadium	51-2	658.67	654.85	651.48	655.00	0.55	ppb
Yttrium	89-1				90		%
Yttrium	89-2				77		%
Zinc	66-2	1366.47	1377.15	1361.86	1368.49	0.57	ppb
Zirconium	90-1	459.02	449.99	454.78	454.60	0.99	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3479-03	Instrumnet Name :	P7
Client Sample ID :	SS050MW114R-180611-I	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 17:32:50	DataFile Name :	046SMPL_P7061418 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	457.75	449.38	453.41	453.51	0.92	ppb

LB Number : LB96029 Operator : Jaswal
 Lab Sample ID : J3479-01A Instrumnet Name : P7
 Client Sample ID : SS050MW114R-180611A Dilution Factor : 1
 Date & Time Acquired :: 2018-06-14 17:36:27 DataFile Name : 047SMPL_P7061418 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46791.42	46029.86	46302.54	46374.61	0.83	ppb
Antimony	121-1	452.32	440.56	444.53	445.81	1.34	ppb
Arsenic	75-2	553.56	545.03	544.85	547.81	0.91	ppb
Barium	135-1	2359.97	2315.79	2340.09	2338.62	0.95	ppb
Barium	137-1	2389.84	2343.73	2362.61	2365.39	0.98	ppb
Beryllium	9-1	483.51	482.29	486.64	484.15	0.46	ppb
Bismuth	209-1				74		%
Bismuth	209-2				63		%
Boron	10-1	1455.24	1468.68	1494.07	1472.66	1.34	ppb
Boron	11-1	1541.34	1553.89	1568.65	1554.63	0.88	ppb
Cadmium	111-1	445.80	431.97	439.64	439.13	1.58	ppb
Cadmium	106-1	452.00	429.87	448.91	443.59	2.70	ppb
Cadmium	108-1	440.79	433.23	436.47	436.83	0.87	ppb
Calcium	43-1	446281.66	439445.29	445235.98	443654.31	0.83	ppb
Calcium	44-1	446882.19	439636.79	449427.43	445315.47	1.14	ppb
Chromium	52-2	1321.11	1290.72	1300.98	1304.27	1.19	ppb
Cobalt	59-2	672.71	656.35	661.25	663.43	1.27	ppb
Copper	63-2	1690.74	1661.39	1666.45	1672.86	0.94	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				89		%
Holmium	165-2				73		%
Indium	115-1				80		%
Indium	115-2				65		%
Iron	56-2	133217.67	130345.27	130640.09	131401.01	1.20	ppb
Iron	57-2	131505.51	128674.07	129336.13	129838.57	1.14	ppb
Lead	206-1	1155.89	1130.36	1162.95	1149.73	1.49	ppb
Lead	207-1	1087.43	1062.17	1099.09	1082.90	1.74	ppb
Lead	208-1	1132.14	1102.09	1140.26	1124.83	1.79	ppb
Lithium	6-1				68		%
Magnesium	24-2	104480.83	102753.03	103112.70	103448.85	0.88	ppb
Manganese	55-2	8874.59	8674.72	8754.49	8767.93	1.15	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3479-01A	Instrumnet Name :	P7
Client Sample ID :	SS050MW114R-180611A	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 17:36:27	DataFile Name :	047SMPL_P7061418 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2264.15	2205.32	2250.08	2239.85	1.37	ppb
Molybdenum	95-1	2237.56	2186.04	2231.16	2218.25	1.27	ppb
Molybdenum	96-1	2253.87	2188.83	2244.88	2229.19	1.58	ppb
Molybdenum	97-1	2196.48	2138.33	2181.66	2172.16	1.39	ppb
Molybdenum	98-1	2244.04	2185.57	2235.99	2221.86	1.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	895.03	877.52	884.98	885.84	0.99	ppb
Phosphorus	31-2	2370.42	2512.40	2464.95	2449.26	2.95	ppb
Potassium	39-2	47303.39	46890.93	46374.31	46856.21	0.99	ppb
Rhodium	103-1				73		%
Rhodium	103-2				64		%
Scandium	45-1				81		%
Scandium	45-2				70		%
Selenium	77-2	445.25	478.30	475.10	466.22	3.91	ppb
Selenium	78-2	479.85	467.53	470.70	472.69	1.35	ppb
Selenium	82-1	408.32	400.59	406.04	404.99	0.98	ppb
Silicon	28-1	31834.98	31534.27	31833.68	31734.31	0.55	ppb
Silver	109-1	354.85	344.37	352.19	350.47	1.55	ppb
Silver	107-1	355.41	348.11	353.35	352.29	1.07	ppb
Sodium	23-2	4033726.75	3966522.36	3985816.87	3995355.33	0.87	ppb
Strontium	86-1	1835.27	1806.80	1840.44	1827.50	0.99	ppb
Strontium	88-1	1860.92	1818.41	1859.63	1846.32	1.31	ppb
Sulfur	34-1	3782767.69	3719118.75	3768615.94	3756834.13	0.89	ppb
Terbium	159-1				88		%
Terbium	159-2				72		%
Thallium	203-1	517.77	507.52	520.82	515.37	1.35	ppb
Thallium	205-1	528.96	517.86	529.40	525.41	1.24	ppb
Tin	118-1	475.61	463.14	472.09	470.28	1.37	ppb
Titanium	47-1	2395.47	2341.13	2389.27	2375.29	1.25	ppb
Uranium	238-1	561.40	551.40	563.15	558.65	1.13	ppb
Vanadium	51-2	654.68	644.61	649.06	649.45	0.78	ppb
Yttrium	89-1				92		%
Yttrium	89-2				76		%
Zinc	66-2	1360.16	1344.94	1340.23	1348.44	0.77	ppb
Zirconium	90-1	459.18	450.14	457.50	455.61	1.06	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3479-01A	Instrumnet Name :	P7
Client Sample ID :	SS050MW114R-180611A	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 17:36:27	DataFile Name :	047SMPL_P7061418 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	457.05	445.68	456.45	453.06	1.41	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P7
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 18:14:57	DataFile Name :	051CCV_P7061418 MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51148.73	50890.67	50804.47	50947.96	0.35	ppb
Antimony	121-1	466.61	460.65	465.89	464.38	0.70	ppb
Arsenic	75-2	474.01	475.15	464.40	471.19	1.25	ppb
Barium	135-1	2392.09	2371.32	2384.15	2382.52	0.44	ppb
Barium	137-1	2424.59	2392.52	2411.85	2409.65	0.67	ppb
Beryllium	9-1	496.76	490.53	489.97	492.42	0.77	ppb
Bismuth	209-1				97		%
Bismuth	209-2				87		%
Boron	10-1	485.36	486.34	513.03	494.91	3.17	ppb
Boron	11-1	505.38	506.27	526.27	512.64	2.30	ppb
Cadmium	111-1	461.37	454.48	458.91	458.26	0.76	ppb
Cadmium	106-1	469.18	451.32	461.81	460.77	1.95	ppb
Cadmium	108-1	469.04	465.32	457.10	463.82	1.32	ppb
Calcium	43-1	229599.05	226141.08	229311.54	228350.56	0.84	ppb
Calcium	44-1	229872.57	227217.20	230163.89	229084.55	0.71	ppb
Chromium	52-2	499.73	494.25	496.95	496.98	0.55	ppb
Cobalt	59-2	477.35	472.99	479.34	476.56	0.68	ppb
Copper	63-2	941.37	934.06	942.86	939.43	0.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				95		%
Indium	115-1				100		%
Indium	115-2				86		%
Iron	56-2	121687.50	120307.38	121331.19	121108.69	0.59	ppb
Iron	57-2	121717.48	120944.79	121835.90	121499.39	0.40	ppb
Lead	206-1	495.95	486.16	494.89	492.34	1.09	ppb
Lead	207-1	493.39	480.95	492.44	488.92	1.42	ppb
Lead	208-1	496.78	487.04	496.15	493.32	1.10	ppb
Lithium	6-1				88		%
Magnesium	24-2	227930.66	224493.57	226581.70	226335.31	0.77	ppb
Manganese	55-2	946.61	946.26	948.91	947.26	0.15	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P7
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 18:14:57	DataFile Name :	051CCV_P7061418 MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2480.21	2445.18	2471.94	2465.77	0.74	ppb
Molybdenum	95-1	2473.36	2437.88	2464.58	2458.61	0.75	ppb
Molybdenum	96-1	2493.80	2459.51	2470.93	2474.74	0.71	ppb
Molybdenum	97-1	2433.46	2403.69	2441.14	2426.10	0.82	ppb
Molybdenum	98-1	2472.14	2444.77	2461.41	2459.44	0.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	482.36	479.95	483.75	482.02	0.40	ppb
Phosphorus	31-2	9053.31	9335.06	9158.73	9182.36	1.55	ppb
Potassium	39-2	116253.58	115928.22	115306.97	115829.59	0.42	ppb
Rhodium	103-1				93		%
Rhodium	103-2				87		%
Scandium	45-1				95		%
Scandium	45-2				89		%
Selenium	77-2	438.59	449.86	446.67	445.04	1.30	ppb
Selenium	78-2	465.71	459.29	447.01	457.34	2.08	ppb
Selenium	82-1	465.03	461.36	474.85	467.08	1.49	ppb
Silicon	28-1	463.93	469.50	486.35	473.26	2.47	ppb
Silver	109-1	458.65	453.14	456.95	456.25	0.62	ppb
Silver	107-1	459.06	454.56	457.26	456.96	0.50	ppb
Sodium	23-2	231980.20	229004.82	230331.54	230438.85	0.65	ppb
Strontium	86-1	498.27	483.67	492.14	491.36	1.49	ppb
Strontium	88-1	501.69	494.70	498.90	498.43	0.71	ppb
Sulfur	34-1	9420.78	9272.52	9566.12	9419.81	1.56	ppb
Terbium	159-1				107		%
Terbium	159-2				94		%
Thallium	203-1	491.82	482.61	491.28	488.57	1.06	ppb
Thallium	205-1	507.63	497.95	509.22	504.93	1.21	ppb
Tin	118-1	463.69	457.79	459.85	460.44	0.65	ppb
Titanium	47-1	2434.37	2415.75	2424.93	2425.02	0.38	ppb
Uranium	238-1	503.47	491.06	500.97	498.50	1.32	ppb
Vanadium	51-2	483.58	475.76	481.74	480.36	0.85	ppb
Yttrium	89-1				101		%
Yttrium	89-2				90		%
Zinc	66-2	922.65	917.52	928.56	922.91	0.60	ppb
Zirconium	90-1	488.06	481.81	485.27	485.05	0.65	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P7
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 18:14:57	DataFile Name :	051CCV_P7061418 MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	489.27	481.59	483.28	484.72	0.83	ppb

LB Number : LB96029 Operator : Jaswal
 Lab Sample ID : CCB20 Instrumnet Name : P7
 Client Sample ID : CCB20 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-14 18:25:13 DataFile Name : 052CCBE_P7061418 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.13	1.14	0.35	0.88	51.55	ppb
Antimony	121-1	0.11	0.13	0.15	0.13	14.55	ppb
Arsenic	75-2	0.08	0.03	-0.02	0.03	155.80	ppb
Barium	135-1	0.04	0.04	0.00	0.03	74.29	ppb
Barium	137-1	0.03	0.05	0.03	0.04	33.08	ppb
Beryllium	9-1	0.28	0.34	0.35	0.32	12.27	ppb
Bismuth	209-1				101		%
Bismuth	209-2				95		%
Boron	10-1	12.92	10.16	11.07	11.38	12.33	ppb
Boron	11-1	12.39	12.70	12.03	12.38	2.71	ppb
Cadmium	111-1	-0.12	-0.02	0.01	-0.04		ppb
Cadmium	106-1	-2.49	-0.84	0.00	-1.11		ppb
Cadmium	108-1	-0.02	-0.02	0.03	0.00		ppb
Calcium	43-1	7.58	5.46	6.04	6.36	17.26	ppb
Calcium	44-1	6.10	5.94	8.20	6.75	18.67	ppb
Chromium	52-2	0.02	0.02	0.00	0.01	97.58	ppb
Cobalt	59-2	0.02	0.00	0.00	0.01	160.12	ppb
Copper	63-2	0.33	0.32	0.30	0.31	5.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				97		%
Indium	115-1				102		%
Indium	115-2				93		%
Iron	56-2	4.45	5.05	5.13	4.88	7.67	ppb
Iron	57-2	5.28	3.07	5.43	4.59	28.83	ppb
Lead	206-1	0.09	0.09	0.09	0.09	1.43	ppb
Lead	207-1	0.10	0.10	0.11	0.10	8.74	ppb
Lead	208-1	0.09	0.09	0.10	0.09	6.58	ppb
Lithium	6-1				85		%
Magnesium	24-2	4.39	4.22	5.06	4.55	9.71	ppb
Manganese	55-2	0.09	0.08	0.07	0.08	13.47	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P7
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 18:25:13	DataFile Name :	052CCBE_P7061418 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.11	0.07	0.08	0.09	27.26	ppb
Molybdenum	95-1	0.08	0.07	0.07	0.07	11.04	ppb
Molybdenum	96-1	0.07	0.06	0.11	0.08	33.26	ppb
Molybdenum	97-1	0.12	0.09	0.04	0.08	49.08	ppb
Molybdenum	98-1	0.08	0.04	0.09	0.07	33.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.00	0.00	-0.01		ppb
Phosphorus	31-2	-10.01	-9.86	-22.84	-14.24		ppb
Potassium	39-2	15.28	14.09	12.67	14.01	9.34	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				93		%
Scandium	45-2				90		%
Selenium	77-2	-0.50	-0.50	0.31	-0.23		ppb
Selenium	78-2	-0.65	-0.30	-0.70	-0.55		ppb
Selenium	82-1	0.15	-0.22	-0.54	-0.20		ppb
Silicon	28-1	-3.09	-5.13	-3.98	-4.07		ppb
Silver	109-1	0.05	0.07	0.06	0.06	15.89	ppb
Silver	107-1	0.04	0.07	0.06	0.06	24.44	ppb
Sodium	23-2	152.59	153.48	147.36	151.14	2.19	ppb
Strontium	86-1	0.10	0.02	-0.01	0.04	149.28	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	15.22	ppb
Sulfur	34-1	-871.35	-864.42	-619.69	-785.15		ppb
Terbium	159-1				104		%
Terbium	159-2				96		%
Thallium	203-1	0.05	0.04	0.04	0.04	7.57	ppb
Thallium	205-1	0.05	0.03	0.04	0.04	16.60	ppb
Tin	118-1	0.03	0.04	0.04	0.04	17.08	ppb
Titanium	47-1	0.06	0.10	0.02	0.06	69.09	ppb
Uranium	238-1	0.00	0.01	0.01	0.01	24.59	ppb
Vanadium	51-2	0.02	0.05	0.00	0.02	92.55	ppb
Yttrium	89-1				100		%
Yttrium	89-2				93		%
Zinc	66-2	0.11	0.17	-0.08	0.07	186.96	ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	39.87	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P7
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 18:25:13	DataFile Name :	052CCBE_P7061418 M

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

LB Number : LB96029 Operator : Jaswal
 Lab Sample ID : J3479-04 Instrumnet Name : P7
 Client Sample ID : DUP-0466-180611 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-14 18:28:46 DataFile Name : 053SMPL_P7061418 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39835.43	38983.25	38665.32	39161.33	1.54	ppb
Antimony	121-1	5.41	5.01	4.96	5.12	4.77	ppb
Arsenic	75-2	115.52	114.18	114.15	114.62	0.68	ppb
Barium	135-1	148.57	147.92	146.47	147.66	0.73	ppb
Barium	137-1	147.89	150.11	147.98	148.66	0.85	ppb
Beryllium	9-1	2.04	2.16	2.24	2.15	4.75	ppb
Bismuth	209-1				76		%
Bismuth	209-2				69		%
Boron	10-1	902.19	909.18	903.75	905.04	0.41	ppb
Boron	11-1	971.54	981.94	996.86	983.45	1.29	ppb
Cadmium	111-1	15.03	14.11	14.50	14.55	3.16	ppb
Cadmium	106-1	15.29	14.40	15.56	15.08	4.04	ppb
Cadmium	108-1	14.96	16.57	15.20	15.58	5.60	ppb
Calcium	43-1	420609.29	421735.83	417854.47	420066.53	0.48	ppb
Calcium	44-1	423259.55	423350.23	420837.66	422482.48	0.34	ppb
Chromium	52-2	794.00	788.95	785.17	789.37	0.56	ppb
Cobalt	59-2	190.47	188.86	187.42	188.92	0.81	ppb
Copper	63-2	752.13	741.38	738.98	744.16	0.94	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				88		%
Holmium	165-2				80		%
Indium	115-1				80		%
Indium	115-2				72		%
Iron	56-2	101175.83	100288.33	99685.73	100383.30	0.75	ppb
Iron	57-2	100215.39	99143.59	98828.19	99395.72	0.73	ppb
Lead	206-1	589.29	586.57	582.52	586.13	0.58	ppb
Lead	207-1	547.76	547.00	539.55	544.77	0.83	ppb
Lead	208-1	567.61	566.90	562.08	565.53	0.53	ppb
Lithium	6-1				72		%
Magnesium	24-2	58652.33	57544.01	57446.08	57880.80	1.16	ppb
Manganese	55-2	7230.18	7151.55	7061.67	7147.80	1.18	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3479-04	Instrumnet Name :	P7
Client Sample ID :	DUP-0466-180611	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 18:28:46	DataFile Name :	053SMPL_P7061418 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	47.03	46.40	45.73	46.39	1.40	ppb
Molybdenum	95-1	28.12	26.95	27.06	27.38	2.37	ppb
Molybdenum	96-1	30.55	30.33	30.01	30.30	0.90	ppb
Molybdenum	97-1	27.18	27.34	28.20	27.58	1.99	ppb
Molybdenum	98-1	27.77	27.54	28.13	27.82	1.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	409.81	403.17	399.29	404.09	1.32	ppb
Phosphorus	31-2	2219.69	2239.61	2156.37	2205.22	1.97	ppb
Potassium	39-2	24587.45	24361.52	24033.61	24327.53	1.14	ppb
Rhodium	103-1				72		%
Rhodium	103-2				70		%
Scandium	45-1				81		%
Scandium	45-2				77		%
Selenium	77-2	24.20	24.70	33.01	27.30	18.12	ppb
Selenium	78-2	10.58	11.71	11.35	11.21	5.16	ppb
Selenium	82-1	-50.06	-54.47	-56.17	-53.57		ppb
Silicon	28-1	36577.79	36774.80	36422.50	36591.70	0.48	ppb
Silver	109-1	1.91	1.73	1.69	1.77	6.69	ppb
Silver	107-1	1.92	1.78	1.61	1.77	8.86	ppb
Sodium	23-2	3627034.15	3613868.05	3602368.08	3614423.43	0.34	ppb
Strontium	86-1	1377.42	1356.87	1355.34	1363.21	0.90	ppb
Strontium	88-1	1387.22	1381.34	1374.04	1380.87	0.48	ppb
Sulfur	34-1	3425848.05	3431262.49	3395987.89	3417699.48	0.56	ppb
Terbium	159-1				88		%
Terbium	159-2				79		%
Thallium	203-1	2.21	1.94	1.82	1.99	10.12	ppb
Thallium	205-1	2.23	1.92	1.83	1.99	10.43	ppb
Tin	118-1	7.44	7.01	7.33	7.26	3.06	ppb
Titanium	47-1	207.61	206.00	209.35	207.66	0.80	ppb
Uranium	238-1	13.20	13.08	12.80	13.03	1.56	ppb
Vanadium	51-2	172.97	171.35	172.53	172.28	0.49	ppb
Yttrium	89-1				90		%
Yttrium	89-2				83		%
Zinc	66-2	505.44	495.58	492.04	497.68	1.39	ppb
Zirconium	90-1	17.86	17.52	17.62	17.67	0.99	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3479-04	Instrumnet Name :	P7
Client Sample ID :	DUP-0466-180611	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 18:28:46	DataFile Name :	053SMPL_P7061418 M9

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	17.81	17.92	18.02	17.92	0.57	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3497-01	Instrumnet Name :	P7
Client Sample ID :	CAS1-WC-L-01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 18:32:24	DataFile Name :	054SMPL_P7061418 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	160211.10	158940.29	159584.92	159578.77	0.40	ppb
Antimony	121-1	2.48	2.53	2.43	2.48	1.86	ppb
Arsenic	75-2	61.88	61.99	61.42	61.76	0.49	ppb
Barium	135-1	2607.21	2561.26	2552.58	2573.68	1.14	ppb
Barium	137-1	2633.79	2587.50	2603.18	2608.16	0.90	ppb
Beryllium	9-1	16.46	16.95	16.42	16.61	1.77	ppb
Bismuth	209-1				97		%
Bismuth	209-2				87		%
Boron	10-1	244.08	249.28	241.54	244.96	1.61	ppb
Boron	11-1	258.36	259.12	258.10	258.53	0.21	ppb
Cadmium	111-1	4.99	5.01	4.86	4.95	1.67	ppb
Cadmium	106-1	15.18	17.82	15.62	16.20	8.73	ppb
Cadmium	108-1	5.97	4.83	5.11	5.30	11.23	ppb
Calcium	43-1	89038.48	88350.43	88732.48	88707.13	0.39	ppb
Calcium	44-1	90576.33	89950.62	90599.61	90375.52	0.41	ppb
Chromium	52-2	394.99	393.89	394.83	394.57	0.15	ppb
Cobalt	59-2	112.55	111.81	112.42	112.26	0.35	ppb
Copper	63-2	560.78	555.98	560.06	558.94	0.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				96		%
Indium	115-1				101		%
Indium	115-2				84		%
Iron	56-2	253091.94	251248.41	251830.15	252056.83	0.37	ppb
Iron	57-2	254210.19	250650.15	251677.36	252179.23	0.73	ppb
Lead	206-1	1584.81	1578.46	1592.43	1585.23	0.44	ppb
Lead	207-1	1457.24	1464.05	1464.90	1462.06	0.29	ppb
Lead	208-1	1518.15	1514.29	1518.63	1517.02	0.16	ppb
Lithium	6-1				89		%
Magnesium	24-2	69473.19	68765.57	69403.32	69214.03	0.56	ppb
Manganese	55-2	7370.65	7308.89	7324.46	7334.67	0.44	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3497-01	Instrumnet Name :	P7
Client Sample ID :	CAS1-WC-L-01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 18:32:24	DataFile Name :	054SMPL_P7061418 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	23.11	22.80	22.99	22.97	0.69	ppb
Molybdenum	95-1	24.44	24.39	24.40	24.41	0.10	ppb
Molybdenum	96-1	24.68	24.87	24.70	24.75	0.43	ppb
Molybdenum	97-1	24.25	24.62	24.56	24.48	0.80	ppb
Molybdenum	98-1	24.28	24.57	24.43	24.43	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	344.95	347.04	346.07	346.02	0.30	ppb
Phosphorus	31-2	5388.68	5066.39	5414.39	5289.82	3.67	ppb
Potassium	39-2	21034.20	20766.76	20921.11	20907.35	0.64	ppb
Rhodium	103-1				94		%
Rhodium	103-2				87		%
Scandium	45-1				109		%
Scandium	45-2				96		%
Selenium	77-2	114.56	111.14	110.19	111.96	2.05	ppb
Selenium	78-2	22.95	19.65	18.76	20.46	10.80	ppb
Selenium	82-1	4.91	3.99	4.90	4.60	11.43	ppb
Silicon	28-1	124805.51	123223.77	123064.50	123697.93	0.78	ppb
Silver	109-1	2.31	2.48	2.40	2.39	3.57	ppb
Silver	107-1	2.43	2.42	2.44	2.43	0.44	ppb
Sodium	23-2	83491.73	81844.07	82626.57	82654.12	1.00	ppb
Strontium	86-1	823.88	821.25	820.53	821.88	0.21	ppb
Strontium	88-1	835.78	833.13	831.40	833.44	0.26	ppb
Sulfur	34-1	24290.91	23803.51	23929.25	24007.89	1.05	ppb
Terbium	159-1				109		%
Terbium	159-2				95		%
Thallium	203-1	2.95	2.95	2.95	2.95	0.15	ppb
Thallium	205-1	3.13	3.00	3.09	3.07	2.21	ppb
Tin	118-1	56.24	55.21	55.19	55.55	1.07	ppb
Titanium	47-1	1281.92	1262.65	1259.39	1267.99	0.96	ppb
Uranium	238-1	87.16	87.11	87.87	87.38	0.49	ppb
Vanadium	51-2	319.02	317.97	316.06	317.68	0.47	ppb
Yttrium	89-1				215		%
Yttrium	89-2				184		%
Zinc	66-2	1653.70	1634.29	1646.47	1644.82	0.60	ppb
Zirconium	90-1	3.81	3.81	3.79	3.80	0.38	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3497-01	Instrumnet Name :	P7
Client Sample ID :	CAS1-WC-L-01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 18:32:24	DataFile Name :	054SMPL_P7061418 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	4.06	3.97	4.02	4.02	1.13	ppb

LB Number : LB96029 Operator : Jaswal
 Lab Sample ID : J3479-01DLX2 Instrumnet Name : P7
 Client Sample ID : SS050MW114R-180611C Dilution Factor : 2
 Date & Time Acquired :: 2018-06-14 18:36:01 DataFile Name : 055SMPL_P7061418 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20226.43	20079.99	19957.55	20087.99	0.67	ppb
Antimony	121-1	1.13	1.09	1.12	1.11	1.66	ppb
Arsenic	75-2	64.49	63.30	62.89	63.56	1.31	ppb
Barium	135-1	18.91	18.36	17.45	18.24	4.04	ppb
Barium	137-1	18.15	17.51	17.80	17.82	1.82	ppb
Beryllium	9-1	1.37	1.28	1.25	1.30	4.98	ppb
Bismuth	209-1				86		%
Bismuth	209-2				75		%
Boron	10-1	464.97	455.93	467.62	462.84	1.32	ppb
Boron	11-1	497.37	499.35	501.35	499.36	0.40	ppb
Cadmium	111-1	8.33	8.22	8.11	8.22	1.33	ppb
Cadmium	106-1	6.53	5.15	5.15	5.61	14.20	ppb
Cadmium	108-1	8.14	7.97	8.42	8.18	2.76	ppb
Calcium	43-1	205423.07	204747.88	201450.07	203873.67	1.04	ppb
Calcium	44-1	208536.06	205953.99	205508.64	206666.23	0.79	ppb
Chromium	52-2	447.15	443.11	446.29	445.52	0.48	ppb
Cobalt	59-2	111.84	110.10	109.76	110.57	1.01	ppb
Copper	63-2	439.96	435.20	434.57	436.58	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				98		%
Holmium	165-2				86		%
Indium	115-1				90		%
Indium	115-2				77		%
Iron	56-2	57310.84	56502.31	56568.74	56793.96	0.79	ppb
Iron	57-2	56471.95	56199.30	56004.20	56225.15	0.42	ppb
Lead	206-1	315.91	311.56	309.36	312.28	1.07	ppb
Lead	207-1	292.96	289.75	288.76	290.49	0.76	ppb
Lead	208-1	302.77	300.56	298.55	300.62	0.70	ppb
Lithium	6-1				76		%
Magnesium	24-2	31611.67	31682.97	31540.27	31611.64	0.23	ppb
Manganese	55-2	4092.65	4050.17	4058.13	4066.98	0.56	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3479-01DLX2	Instrumnet Name :	P7
Client Sample ID :	SS050MW114R-180611C	Dilution Factor :	2
Date & Time Acquired ::	2018-06-14 18:36:01	DataFile Name :	055SMPL_P7061418 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	13.13	12.84	13.07	13.01	1.18	ppb
Molybdenum	95-1	10.71	10.60	10.40	10.57	1.48	ppb
Molybdenum	96-1	11.41	11.39	10.98	11.26	2.17	ppb
Molybdenum	97-1	10.80	10.68	10.66	10.71	0.68	ppb
Molybdenum	98-1	10.84	10.91	10.38	10.71	2.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	233.60	231.54	230.53	231.89	0.67	ppb
Phosphorus	31-2	1401.03	1339.49	1240.50	1327.01	6.10	ppb
Potassium	39-2	12809.86	12755.48	12834.91	12800.08	0.32	ppb
Rhodium	103-1				82		%
Rhodium	103-2				77		%
Scandium	45-1				86		%
Scandium	45-2				79		%
Selenium	77-2	14.61	12.89	10.10	12.53	18.17	ppb
Selenium	78-2	7.31	4.03	4.55	5.30	33.23	ppb
Selenium	82-1	-11.07	-12.01	-13.27	-12.12		ppb
Silicon	28-1	15940.91	15873.80	15708.74	15841.15	0.75	ppb
Silver	109-1	0.42	0.40	0.35	0.39	8.78	ppb
Silver	107-1	0.41	0.35	0.45	0.40	11.97	ppb
Sodium	23-2	2104252.34	2074542.65	2072939.88	2083911.62	0.85	ppb
Strontium	86-1	735.90	732.45	725.48	731.28	0.73	ppb
Strontium	88-1	751.60	745.41	740.74	745.92	0.73	ppb
Sulfur	34-1	1946776.69	1946978.28	1925316.91	1939690.63	0.64	ppb
Terbium	159-1				98		%
Terbium	159-2				85		%
Thallium	203-1	0.90	0.87	0.87	0.88	2.05	ppb
Thallium	205-1	0.88	0.84	0.82	0.85	3.82	ppb
Tin	118-1	1.10	1.01	1.02	1.04	4.49	ppb
Titanium	47-1	31.59	30.92	29.49	30.67	3.51	ppb
Uranium	238-1	7.25	7.08	7.06	7.13	1.50	ppb
Vanadium	51-2	93.62	92.33	91.99	92.65	0.93	ppb
Yttrium	89-1				97		%
Yttrium	89-2				85		%
Zinc	66-2	286.01	280.41	285.06	283.83	1.06	ppb
Zirconium	90-1	3.61	3.55	3.68	3.61	1.89	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3479-01DLX2	Instrumnet Name :	P7
Client Sample ID :	SS050MW114R-180611C	Dilution Factor :	2
Date & Time Acquired ::	2018-06-14 18:36:01	DataFile Name :	055SMPL_P7061418 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	3.75	3.54	3.59	3.63	2.96	ppb

LB Number : LB96029 Operator : Jaswal
 Lab Sample ID : J3479-02DLX2 Instrumnet Name : P7
 Client Sample ID : SS050MW114R-180611-I Dilution Factor : 2
 Date & Time Acquired :: 2018-06-14 18:39:36 DataFile Name : 056SMPL_P7061418 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24389.79	23864.87	23667.16	23973.94	1.56	ppb
Antimony	121-1	230.67	226.48	224.56	227.24	1.38	ppb
Arsenic	75-2	290.13	284.85	285.96	286.98	0.97	ppb
Barium	135-1	1209.61	1183.26	1187.13	1193.33	1.19	ppb
Barium	137-1	1222.44	1195.91	1189.45	1202.60	1.45	ppb
Beryllium	9-1	244.18	242.42	240.65	242.42	0.73	ppb
Bismuth	209-1				83		%
Bismuth	209-2				73		%
Boron	10-1	715.42	729.68	713.75	719.62	1.22	ppb
Boron	11-1	762.51	767.89	777.40	769.27	0.98	ppb
Cadmium	111-1	233.59	229.06	226.80	229.82	1.50	ppb
Cadmium	106-1	229.30	220.70	228.01	226.00	2.05	ppb
Cadmium	108-1	227.05	226.00	224.22	225.76	0.63	ppb
Calcium	43-1	227508.99	223892.97	222909.38	224770.45	1.08	ppb
Calcium	44-1	229579.80	227024.58	225922.70	227509.03	0.82	ppb
Chromium	52-2	677.48	666.18	665.21	669.62	1.02	ppb
Cobalt	59-2	348.48	343.14	344.61	345.41	0.80	ppb
Copper	63-2	895.51	880.89	880.20	885.53	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				96		%
Holmium	165-2				83		%
Indium	115-1				87		%
Indium	115-2				74		%
Iron	56-2	68612.02	67225.26	67368.74	67735.34	1.13	ppb
Iron	57-2	67630.92	66244.34	66338.46	66737.91	1.16	ppb
Lead	206-1	573.47	562.49	558.51	564.82	1.37	ppb
Lead	207-1	536.87	527.75	529.42	531.34	0.91	ppb
Lead	208-1	556.53	546.73	545.88	549.71	1.08	ppb
Lithium	6-1				74		%
Magnesium	24-2	54257.39	53469.49	53158.52	53628.47	1.06	ppb
Manganese	55-2	4504.06	4423.02	4439.19	4455.42	0.96	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3479-02DLX2	Instrumnet Name :	P7
Client Sample ID :	SS050MW114R-180611-I	Dilution Factor :	2
Date & Time Acquired ::	2018-06-14 18:39:36	DataFile Name :	056SMPL_P7061418 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1206.89	1169.96	1159.23	1178.69	2.12	ppb
Molybdenum	95-1	1184.38	1152.44	1144.05	1160.29	1.83	ppb
Molybdenum	96-1	1195.94	1162.61	1161.43	1173.33	1.67	ppb
Molybdenum	97-1	1184.84	1149.87	1142.18	1158.97	1.96	ppb
Molybdenum	98-1	1202.62	1180.76	1164.46	1182.61	1.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	469.40	460.67	462.88	464.31	0.98	ppb
Phosphorus	31-2	1220.70	1252.50	1177.80	1217.00	3.08	ppb
Potassium	39-2	24195.00	23959.33	23856.98	24003.77	0.72	ppb
Rhodium	103-1				81		%
Rhodium	103-2				75		%
Scandium	45-1				85		%
Scandium	45-2				77		%
Selenium	77-2	214.95	244.75	232.49	230.73	6.49	ppb
Selenium	78-2	228.60	234.38	223.99	228.99	2.27	ppb
Selenium	82-1	224.24	216.64	215.03	218.64	2.25	ppb
Silicon	28-1	16194.25	16039.36	16088.71	16107.44	0.49	ppb
Silver	109-1	183.97	179.74	179.11	180.94	1.46	ppb
Silver	107-1	184.18	181.50	180.71	182.13	1.00	ppb
Sodium	23-2	2087290.35	2061766.17	2041140.15	2063398.89	1.12	ppb
Strontium	86-1	969.41	947.13	955.09	957.21	1.18	ppb
Strontium	88-1	986.39	964.89	972.99	974.76	1.11	ppb
Sulfur	34-1	1916573.08	1889536.62	1889818.64	1898642.78	0.82	ppb
Terbium	159-1				95		%
Terbium	159-2				82		%
Thallium	203-1	254.81	251.52	251.65	252.66	0.74	ppb
Thallium	205-1	259.54	254.39	255.10	256.35	1.09	ppb
Tin	118-1	244.31	240.20	239.10	241.20	1.14	ppb
Titanium	47-1	1239.74	1217.69	1225.67	1227.70	0.91	ppb
Uranium	238-1	273.58	271.15	269.46	271.40	0.76	ppb
Vanadium	51-2	336.37	329.43	331.65	332.49	1.07	ppb
Yttrium	89-1				95		%
Yttrium	89-2				83		%
Zinc	66-2	724.05	716.61	713.96	718.21	0.73	ppb
Zirconium	90-1	242.03	235.87	234.93	237.61	1.62	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3479-02DLX2	Instrumnet Name :	P7
Client Sample ID :	SS050MW114R-180611-I	Dilution Factor :	2
Date & Time Acquired ::	2018-06-14 18:39:36	DataFile Name :	056SMPL_P7061418 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	243.94	236.70	235.61	238.75	1.90	ppb

LB Number : LB96029 Operator : Jaswal
 Lab Sample ID : J3479-03DLX2 Instrumnet Name : P7
 Client Sample ID : SS050MW114R-180611-I Dilution Factor : 2
 Date & Time Acquired :: 2018-06-14 18:43:12 DataFile Name : 057SMPL_P7061418 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23919.39	23887.96	23659.25	23822.20	0.60	ppb
Antimony	121-1	228.59	225.08	226.71	226.79	0.77	ppb
Arsenic	75-2	285.03	286.51	284.36	285.30	0.38	ppb
Barium	135-1	1183.96	1168.04	1163.69	1171.89	0.91	ppb
Barium	137-1	1187.74	1170.53	1172.08	1176.79	0.81	ppb
Beryllium	9-1	242.99	245.64	241.91	243.51	0.79	ppb
Bismuth	209-1				84		%
Bismuth	209-2				75		%
Boron	10-1	722.70	711.91	733.54	722.71	1.50	ppb
Boron	11-1	769.73	774.91	784.76	776.47	0.98	ppb
Cadmium	111-1	231.84	226.48	226.46	228.26	1.36	ppb
Cadmium	106-1	234.99	224.31	225.83	228.37	2.53	ppb
Cadmium	108-1	227.58	224.32	227.09	226.33	0.78	ppb
Calcium	43-1	227947.24	225624.49	222507.87	225359.87	1.21	ppb
Calcium	44-1	229960.61	227972.73	224234.07	227389.14	1.28	ppb
Chromium	52-2	677.08	668.85	671.84	672.59	0.62	ppb
Cobalt	59-2	347.68	343.24	345.14	345.35	0.65	ppb
Copper	63-2	880.02	868.06	868.32	872.14	0.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				86		%
Indium	115-1				89		%
Indium	115-2				77		%
Iron	56-2	68327.47	67457.09	67624.40	67802.98	0.68	ppb
Iron	57-2	67415.24	67027.37	66603.18	67015.26	0.61	ppb
Lead	206-1	569.52	558.59	562.45	563.52	0.98	ppb
Lead	207-1	535.96	526.68	526.55	529.73	1.02	ppb
Lead	208-1	554.56	545.23	546.08	548.62	0.94	ppb
Lithium	6-1				76		%
Magnesium	24-2	53946.20	53182.40	53354.08	53494.23	0.75	ppb
Manganese	55-2	4477.96	4428.46	4431.32	4445.91	0.63	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3479-03DLX2	Instrumnet Name :	P7
Client Sample ID :	SS050MW114R-180611-I	Dilution Factor :	2
Date & Time Acquired ::	2018-06-14 18:43:12	DataFile Name :	057SMPL_P7061418 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1169.71	1159.76	1141.99	1157.15	1.21	ppb
Molybdenum	95-1	1149.61	1132.65	1123.01	1135.09	1.19	ppb
Molybdenum	96-1	1158.21	1140.64	1139.74	1146.19	0.91	ppb
Molybdenum	97-1	1143.78	1125.88	1118.58	1129.41	1.15	ppb
Molybdenum	98-1	1168.27	1160.01	1140.66	1156.32	1.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	465.90	460.64	460.39	462.31	0.67	ppb
Phosphorus	31-2	1452.17	1074.75	1206.03	1244.32	15.40	ppb
Potassium	39-2	23979.33	23685.11	23597.64	23754.03	0.84	ppb
Rhodium	103-1				82		%
Rhodium	103-2				77		%
Scandium	45-1				87		%
Scandium	45-2				80		%
Selenium	77-2	253.06	228.59	240.28	240.64	5.09	ppb
Selenium	78-2	230.99	230.06	241.17	234.07	2.63	ppb
Selenium	82-1	218.27	216.80	212.72	215.93	1.33	ppb
Silicon	28-1	16312.86	16119.40	15981.90	16138.05	1.03	ppb
Silver	109-1	183.50	180.53	180.71	181.58	0.92	ppb
Silver	107-1	183.25	180.84	181.92	182.00	0.66	ppb
Sodium	23-2	2080136.33	2065116.30	2062105.45	2069119.36	0.47	ppb
Strontium	86-1	966.69	958.97	960.83	962.16	0.42	ppb
Strontium	88-1	981.98	969.06	967.30	972.78	0.82	ppb
Sulfur	34-1	1928155.12	1904141.84	1885671.24	1905989.40	1.12	ppb
Terbium	159-1				97		%
Terbium	159-2				85		%
Thallium	203-1	253.39	250.45	252.17	252.00	0.59	ppb
Thallium	205-1	256.06	253.29	254.17	254.51	0.56	ppb
Tin	118-1	239.02	237.58	238.08	238.23	0.31	ppb
Titanium	47-1	1214.23	1211.09	1182.32	1202.55	1.46	ppb
Uranium	238-1	273.26	270.86	269.77	271.30	0.66	ppb
Vanadium	51-2	333.41	329.57	333.02	332.00	0.64	ppb
Yttrium	89-1				96		%
Yttrium	89-2				86		%
Zinc	66-2	717.77	712.87	712.51	714.39	0.41	ppb
Zirconium	90-1	238.00	237.38	233.18	236.18	1.11	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3479-03DLX2	Instrumnet Name :	P7
Client Sample ID :	SS050MW114R-180611-I	Dilution Factor :	2
Date & Time Acquired ::	2018-06-14 18:43:12	DataFile Name :	057SMPL_P7061418 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	238.52	236.92	235.15	236.86	0.71	ppb

LB Number : LB96029 Operator : Jaswal
 Lab Sample ID : J3479-01ADLX2 Instrumnet Name : P7
 Client Sample ID : SS050MW114R-180611A Dilution Factor : 2
 Date & Time Acquired :: 2018-06-14 18:46:48 DataFile Name : 058SMPL_P7061418 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24087.22	23784.81	23591.63	23821.22	1.05	ppb
Antimony	121-1	236.38	214.18	222.91	224.49	4.98	ppb
Arsenic	75-2	287.34	287.97	282.45	285.92	1.06	ppb
Barium	135-1	1230.40	1112.83	1152.95	1165.39	5.13	ppb
Barium	137-1	1234.39	1115.60	1165.13	1171.70	5.09	ppb
Beryllium	9-1	253.20	235.39	242.12	243.57	3.69	ppb
Bismuth	209-1				84		%
Bismuth	209-2				73		%
Boron	10-1	763.69	707.48	734.56	735.24	3.82	ppb
Boron	11-1	802.90	768.00	792.47	787.79	2.27	ppb
Cadmium	111-1	237.17	214.22	223.07	224.82	5.15	ppb
Cadmium	106-1	239.22	212.63	226.57	226.14	5.88	ppb
Cadmium	108-1	241.07	210.81	222.52	224.80	6.79	ppb
Calcium	43-1	232295.66	210331.92	221515.60	221381.06	4.96	ppb
Calcium	44-1	234597.53	211881.31	224113.34	223530.73	5.09	ppb
Chromium	52-2	671.85	667.90	666.71	668.82	0.40	ppb
Cobalt	59-2	345.99	345.20	343.02	344.74	0.45	ppb
Copper	63-2	881.24	876.79	873.09	877.04	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				98		%
Holmium	165-2				84		%
Indium	115-1				90		%
Indium	115-2				75		%
Iron	56-2	68233.78	67692.47	67064.12	67663.46	0.87	ppb
Iron	57-2	67051.36	66689.55	66393.90	66711.60	0.49	ppb
Lead	206-1	582.24	530.58	555.42	556.08	4.65	ppb
Lead	207-1	546.64	494.85	523.68	521.72	4.97	ppb
Lead	208-1	566.14	513.92	541.36	540.47	4.83	ppb
Lithium	6-1				75		%
Magnesium	24-2	53986.10	53628.92	53027.80	53547.61	0.90	ppb
Manganese	55-2	4468.35	4443.95	4412.58	4441.63	0.63	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3479-01ADLX2	Instrumnet Name :	P7
Client Sample ID :	SS050MW114R-180611A	Dilution Factor :	2
Date & Time Acquired ::	2018-06-14 18:46:48	DataFile Name :	058SMPL_P7061418 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1207.65	1093.57	1132.58	1144.60	5.07	ppb
Molybdenum	95-1	1188.04	1071.34	1121.37	1126.92	5.20	ppb
Molybdenum	96-1	1198.85	1080.57	1128.72	1136.05	5.24	ppb
Molybdenum	97-1	1184.29	1067.75	1116.29	1122.78	5.21	ppb
Molybdenum	98-1	1210.38	1089.04	1139.38	1146.26	5.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	466.88	460.53	460.12	462.51	0.82	ppb
Phosphorus	31-2	1198.18	1355.95	1363.86	1306.00	7.16	ppb
Potassium	39-2	24056.88	23917.67	23851.98	23942.18	0.44	ppb
Rhodium	103-1				83		%
Rhodium	103-2				76		%
Scandium	45-1				88		%
Scandium	45-2				79		%
Selenium	77-2	231.07	251.13	228.17	236.79	5.28	ppb
Selenium	78-2	242.85	221.16	236.79	233.60	4.79	ppb
Selenium	82-1	225.01	201.61	212.28	212.97	5.50	ppb
Silicon	28-1	16815.16	15015.45	15903.24	15911.28	5.66	ppb
Silver	109-1	188.66	173.04	178.06	179.92	4.43	ppb
Silver	107-1	188.22	171.76	178.72	179.57	4.60	ppb
Sodium	23-2	2066662.65	2073507.49	2055254.24	2065141.46	0.45	ppb
Strontium	86-1	988.45	901.30	940.22	943.32	4.63	ppb
Strontium	88-1	1008.20	914.49	955.54	959.41	4.90	ppb
Sulfur	34-1	1974693.71	1762890.35	1870309.14	1869297.73	5.67	ppb
Terbium	159-1				97		%
Terbium	159-2				84		%
Thallium	203-1	261.01	239.38	247.83	249.40	4.37	ppb
Thallium	205-1	263.90	241.85	251.47	252.40	4.38	ppb
Tin	118-1	250.35	225.34	235.65	237.11	5.30	ppb
Titanium	47-1	1267.75	1118.68	1195.64	1194.02	6.24	ppb
Uranium	238-1	278.97	253.48	266.88	266.44	4.79	ppb
Vanadium	51-2	334.35	330.85	327.60	330.94	1.02	ppb
Yttrium	89-1				98		%
Yttrium	89-2				84		%
Zinc	66-2	720.06	714.41	705.56	713.34	1.02	ppb
Zirconium	90-1	245.39	221.52	229.98	232.30	5.21	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3479-01ADLX2	Instrumnet Name :	P7
Client Sample ID :	SS050MW114R-180611A	Dilution Factor :	2
Date & Time Acquired ::	2018-06-14 18:46:48	DataFile Name :	058SMPL_P7061418 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	248.30	223.37	231.71	234.46	5.41	ppb

LB Number : LB96029 Operator : Jaswal
 Lab Sample ID : J3479-04DLX2 Instrumnet Name : P7
 Client Sample ID : DUP-0466-180611DL Dilution Factor : 2
 Date & Time Acquired :: 2018-06-14 18:50:23 DataFile Name : 059SMPL_P7061418 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19924.70	19600.55	19655.04	19726.76	0.88	ppb
Antimony	121-1	2.74	2.66	2.44	2.61	5.88	ppb
Arsenic	75-2	60.48	60.50	58.66	59.88	1.77	ppb
Barium	135-1	85.76	81.21	75.95	80.97	6.06	ppb
Barium	137-1	84.61	80.84	75.97	80.47	5.39	ppb
Beryllium	9-1	1.77	1.64	1.53	1.65	7.04	ppb
Bismuth	209-1				82		%
Bismuth	209-2				77		%
Boron	10-1	551.28	539.78	505.59	532.22	4.46	ppb
Boron	11-1	612.16	582.07	554.40	582.88	4.96	ppb
Cadmium	111-1	8.86	8.09	7.74	8.23	6.97	ppb
Cadmium	106-1	10.63	8.80	7.65	9.02	16.64	ppb
Cadmium	108-1	9.28	10.25	8.59	9.37	8.87	ppb
Calcium	43-1	245280.72	230445.96	217687.48	231138.06	5.97	ppb
Calcium	44-1	248219.93	234090.21	221282.51	234530.88	5.75	ppb
Chromium	52-2	415.39	403.54	402.88	407.27	1.73	ppb
Cobalt	59-2	100.96	98.80	98.59	99.45	1.32	ppb
Copper	63-2	401.72	391.41	389.16	394.10	1.70	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				95		%
Holmium	165-2				88		%
Indium	115-1				87		%
Indium	115-2				79		%
Iron	56-2	53116.08	52090.58	51977.17	52394.61	1.20	ppb
Iron	57-2	52529.93	51215.81	51393.67	51713.14	1.38	ppb
Lead	206-1	341.82	325.28	301.32	322.81	6.31	ppb
Lead	207-1	316.56	301.14	282.57	300.09	5.67	ppb
Lead	208-1	328.81	311.36	289.93	310.04	6.28	ppb
Lithium	6-1				73		%
Magnesium	24-2	29405.34	28898.83	28852.98	29052.38	1.06	ppb
Manganese	55-2	3693.58	3623.54	3619.03	3645.38	1.15	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3479-04DLX2	Instrumnet Name :	P7
Client Sample ID :	DUP-0466-180611DL	Dilution Factor :	2
Date & Time Acquired ::	2018-06-14 18:50:23	DataFile Name :	059SMPL_P7061418 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	27.97	26.58	25.55	26.70	4.56	ppb
Molybdenum	95-1	16.76	16.43	15.35	16.18	4.55	ppb
Molybdenum	96-1	18.77	17.92	16.96	17.89	5.09	ppb
Molybdenum	97-1	17.64	17.08	15.67	16.80	6.04	ppb
Molybdenum	98-1	17.45	16.53	15.65	16.54	5.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	215.51	209.02	210.55	211.69	1.60	ppb
Phosphorus	31-2	1050.56	1171.54	1307.21	1176.44	10.91	ppb
Potassium	39-2	12413.56	12161.44	12086.79	12220.60	1.40	ppb
Rhodium	103-1				80		%
Rhodium	103-2				79		%
Scandium	45-1				85		%
Scandium	45-2				82		%
Selenium	77-2	12.44	6.31	2.95	7.24	66.50	ppb
Selenium	78-2	6.54	5.53	5.52	5.86	9.98	ppb
Selenium	82-1	-15.41	-14.93	-15.86	-15.40		ppb
Silicon	28-1	21722.85	20410.70	19197.71	20443.75	6.18	ppb
Silver	109-1	0.83	0.76	0.78	0.79	4.99	ppb
Silver	107-1	0.81	0.83	0.69	0.78	9.23	ppb
Sodium	23-2	1881126.95	1845374.96	1822129.43	1849543.78	1.61	ppb
Strontium	86-1	802.06	773.94	720.58	765.53	5.41	ppb
Strontium	88-1	819.99	786.49	739.25	781.91	5.19	ppb
Sulfur	34-1	2018185.86	1888627.37	1780799.87	1895871.03	6.27	ppb
Terbium	159-1				95		%
Terbium	159-2				87		%
Thallium	203-1	1.20	1.08	1.00	1.10	9.04	ppb
Thallium	205-1	1.16	1.15	1.04	1.12	6.01	ppb
Tin	118-1	3.59	3.45	3.17	3.40	6.15	ppb
Titanium	47-1	121.04	114.18	111.99	115.73	4.08	ppb
Uranium	238-1	7.66	7.18	6.77	7.21	6.20	ppb
Vanadium	51-2	90.43	87.94	87.43	88.60	1.81	ppb
Yttrium	89-1				95		%
Yttrium	89-2				87		%
Zinc	66-2	270.49	264.04	260.58	265.04	1.90	ppb
Zirconium	90-1	10.45	10.18	9.23	9.95	6.46	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3479-04DLX2	Instrumnet Name :	P7
Client Sample ID :	DUP-0466-180611DL	Dilution Factor :	2
Date & Time Acquired ::	2018-06-14 18:50:23	DataFile Name :	059SMPL_P7061418 M9

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	10.56	10.09	9.57	10.08	4.91	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3497-01DLX2	Instrumnet Name :	P7
Client Sample ID :	CAS1-WC-L-01DL	Dilution Factor :	2
Date & Time Acquired ::	2018-06-14 18:53:59	DataFile Name :	060SMPL_P7061418 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99002.21	87921.53	84971.49	90631.74	8.16	ppb
Antimony	121-1	1.49	1.46	1.46	1.47	1.30	ppb
Arsenic	75-2	46.03	42.69	42.16	43.62	4.81	ppb
Barium	135-1	1585.11	1544.48	1515.60	1548.40	2.26	ppb
Barium	137-1	1592.21	1552.89	1529.32	1558.14	2.04	ppb
Beryllium	9-1	11.20	10.75	10.64	10.86	2.74	ppb
Bismuth	209-1				93		%
Bismuth	209-2				88		%
Boron	10-1	174.71	180.49	170.72	175.31	2.80	ppb
Boron	11-1	193.10	180.97	186.14	186.74	3.26	ppb
Cadmium	111-1	3.20	3.14	2.77	3.04	7.65	ppb
Cadmium	106-1	11.28	8.86	6.46	8.86	27.17	ppb
Cadmium	108-1	3.53	3.12	3.05	3.23	7.99	ppb
Calcium	43-1	57417.56	55575.33	55335.72	56109.53	2.03	ppb
Calcium	44-1	58187.39	57325.65	56887.63	57466.89	1.15	ppb
Chromium	52-2	243.61	218.08	211.08	224.26	7.63	ppb
Cobalt	59-2	69.72	62.81	60.02	64.18	7.78	ppb
Copper	63-2	348.99	314.28	301.52	321.60	7.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				96		%
Indium	115-1				97		%
Indium	115-2				87		%
Iron	56-2	156887.74	140336.32	135200.13	144141.39	7.86	ppb
Iron	57-2	156767.39	140203.92	135388.09	144119.80	7.78	ppb
Lead	206-1	960.55	926.08	934.33	940.32	1.91	ppb
Lead	207-1	873.71	848.85	848.13	856.90	1.70	ppb
Lead	208-1	922.29	898.39	898.03	906.24	1.53	ppb
Lithium	6-1				80		%
Magnesium	24-2	42944.12	38287.72	36749.49	39327.11	8.20	ppb
Manganese	55-2	4490.77	4023.64	3912.73	4142.38	7.41	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3497-01DLX2	Instrumnet Name :	P7
Client Sample ID :	CAS1-WC-L-01DL	Dilution Factor :	2
Date & Time Acquired ::	2018-06-14 18:53:59	DataFile Name :	060SMPL_P7061418 M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	17.28	17.17	17.10	17.18	0.52	ppb
Molybdenum	95-1	18.72	18.40	18.35	18.49	1.09	ppb
Molybdenum	96-1	19.30	18.90	18.80	19.00	1.39	ppb
Molybdenum	97-1	18.85	18.48	18.74	18.69	1.00	ppb
Molybdenum	98-1	19.03	18.79	18.39	18.74	1.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	218.00	194.92	187.97	200.30	7.85	ppb
Phosphorus	31-2	3238.14	2848.71	2827.27	2971.37	7.78	ppb
Potassium	39-2	12907.47	11568.87	11205.77	11894.04	7.54	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				100		%
Scandium	45-2				92		%
Selenium	77-2	81.12	82.46	72.02	78.54	7.23	ppb
Selenium	78-2	16.77	12.50	13.49	14.25	15.66	ppb
Selenium	82-1	3.28	3.02	3.51	3.27	7.44	ppb
Silicon	28-1	80879.98	79402.33	79122.73	79801.68	1.18	ppb
Silver	109-1	1.53	1.53	1.53	1.53	0.07	ppb
Silver	107-1	1.44	1.45	1.36	1.42	3.51	ppb
Sodium	23-2	51316.37	45997.83	44157.99	47157.40	7.88	ppb
Strontium	86-1	623.69	612.42	610.07	615.39	1.18	ppb
Strontium	88-1	639.26	625.21	623.30	629.26	1.39	ppb
Sulfur	34-1	15497.17	14677.59	14770.21	14981.66	3.00	ppb
Terbium	159-1				103		%
Terbium	159-2				95		%
Thallium	203-1	1.86	1.76	1.87	1.83	3.31	ppb
Thallium	205-1	1.85	1.77	1.76	1.79	2.58	ppb
Tin	118-1	34.40	32.89	32.67	33.32	2.83	ppb
Titanium	47-1	816.45	797.31	799.50	804.42	1.30	ppb
Uranium	238-1	52.21	51.07	50.84	51.37	1.43	ppb
Vanadium	51-2	194.39	175.34	168.87	179.53	7.39	ppb
Yttrium	89-1				164		%
Yttrium	89-2				142		%
Zinc	66-2	1038.73	936.16	908.14	961.01	7.15	ppb
Zirconium	90-1	2.92	2.86	2.79	2.86	2.25	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3497-01DLX2	Instrumnet Name :	P7
Client Sample ID :	CAS1-WC-L-01DL	Dilution Factor :	2
Date & Time Acquired ::	2018-06-14 18:53:59	DataFile Name :	060SMPL_P7061418 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	3.08	2.94	2.90	2.97	3.14	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P7
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 18:59:42	DataFile Name :	061CCV_P7061418 MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48164.03	48113.06	48438.66	48238.58	0.36	ppb
Antimony	121-1	460.14	461.09	460.20	460.48	0.12	ppb
Arsenic	75-2	491.18	479.40	482.28	484.29	1.27	ppb
Barium	135-1	2428.78	2437.03	2412.18	2426.00	0.52	ppb
Barium	137-1	2462.33	2468.04	2441.42	2457.26	0.57	ppb
Beryllium	9-1	514.88	517.36	515.28	515.84	0.26	ppb
Bismuth	209-1				102		%
Bismuth	209-2				89		%
Boron	10-1	504.96	522.04	537.74	521.58	3.14	ppb
Boron	11-1	524.46	539.44	542.17	535.36	1.78	ppb
Cadmium	111-1	462.22	463.62	462.16	462.67	0.18	ppb
Cadmium	106-1	464.93	460.72	465.51	463.72	0.56	ppb
Cadmium	108-1	465.99	467.86	465.06	466.30	0.31	ppb
Calcium	43-1	233416.56	235914.67	233053.58	234128.27	0.67	ppb
Calcium	44-1	234017.18	236967.33	235101.06	235361.86	0.63	ppb
Chromium	52-2	511.59	509.44	513.76	511.59	0.42	ppb
Cobalt	59-2	495.73	487.66	494.57	492.65	0.89	ppb
Copper	63-2	977.33	973.48	976.53	975.78	0.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				99		%
Indium	115-1				106		%
Indium	115-2				89		%
Iron	56-2	125941.92	124840.49	125911.28	125564.56	0.50	ppb
Iron	57-2	125380.96	124401.65	125391.73	125058.11	0.45	ppb
Lead	206-1	499.05	505.78	501.78	502.20	0.67	ppb
Lead	207-1	496.38	500.75	495.90	497.68	0.54	ppb
Lead	208-1	501.06	505.99	501.99	503.01	0.52	ppb
Lithium	6-1				87		%
Magnesium	24-2	226797.72	225639.61	225973.91	226137.08	0.26	ppb
Manganese	55-2	978.52	969.32	977.52	975.12	0.52	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P7
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 18:59:42	DataFile Name :	061CCV_P7061418 MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2473.29	2507.59	2493.71	2491.53	0.69	ppb
Molybdenum	95-1	2491.15	2503.06	2489.45	2494.55	0.30	ppb
Molybdenum	96-1	2513.66	2521.12	2495.98	2510.25	0.51	ppb
Molybdenum	97-1	2459.20	2475.46	2459.85	2464.84	0.37	ppb
Molybdenum	98-1	2489.52	2519.88	2505.88	2505.09	0.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	500.16	493.39	499.77	497.77	0.76	ppb
Phosphorus	31-2	9505.90	9060.48	9261.76	9276.04	2.40	ppb
Potassium	39-2	118790.54	117373.60	118903.42	118355.85	0.72	ppb
Rhodium	103-1				100		%
Rhodium	103-2				91		%
Scandium	45-1				100		%
Scandium	45-2				90		%
Selenium	77-2	437.09	444.57	453.80	445.16	1.88	ppb
Selenium	78-2	457.63	442.66	456.77	452.35	1.86	ppb
Selenium	82-1	468.96	464.90	465.54	466.47	0.47	ppb
Silicon	28-1	479.27	498.75	501.07	493.03	2.43	ppb
Silver	109-1	462.71	464.61	463.69	463.67	0.20	ppb
Silver	107-1	465.44	466.82	462.42	464.89	0.48	ppb
Sodium	23-2	230453.18	230942.78	232082.24	231159.40	0.36	ppb
Strontium	86-1	492.65	498.69	496.52	495.95	0.62	ppb
Strontium	88-1	506.08	510.36	509.05	508.50	0.43	ppb
Sulfur	34-1	9387.64	9543.22	9210.93	9380.59	1.77	ppb
Terbium	159-1				114		%
Terbium	159-2				97		%
Thallium	203-1	497.90	505.45	507.93	503.76	1.04	ppb
Thallium	205-1	514.61	519.33	520.33	518.09	0.59	ppb
Tin	118-1	468.29	470.34	465.53	468.05	0.52	ppb
Titanium	47-1	2483.47	2492.98	2476.56	2484.34	0.33	ppb
Uranium	238-1	501.45	505.96	506.75	504.72	0.57	ppb
Vanadium	51-2	496.92	491.58	494.80	494.43	0.54	ppb
Yttrium	89-1				108		%
Yttrium	89-2				93		%
Zinc	66-2	951.61	950.28	944.28	948.72	0.41	ppb
Zirconium	90-1	486.18	491.89	491.12	489.73	0.63	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P7
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 18:59:42	DataFile Name :	061CCV_P7061418 MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	481.14	487.38	489.10	485.87	0.86	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	LLCCV2	Instrumnet Name :	P7
Client Sample ID :	LLCCV2	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 19:08:27	DataFile Name :	062LLCC_P7061418 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.61	18.52	17.66	19.93	16.14	ppb
Antimony	121-1	2.44	2.47	2.28	2.40	4.23	ppb
Arsenic	75-2	1.06	1.01	1.08	1.05	3.56	ppb
Barium	135-1	11.31	11.15	11.53	11.33	1.68	ppb
Barium	137-1	11.64	11.52	11.25	11.47	1.74	ppb
Beryllium	9-1	1.50	1.70	1.50	1.57	7.43	ppb
Bismuth	209-1				92		%
Bismuth	209-2				88		%
Boron	10-1	42.74	42.78	43.45	42.99	0.94	ppb
Boron	11-1	48.90	44.47	47.65	47.00	4.86	ppb
Cadmium	111-1	1.32	1.16	0.95	1.14	16.01	ppb
Cadmium	106-1	-0.11	-0.77	-1.56	-0.82		ppb
Cadmium	108-1	1.27	0.93	0.77	0.99	25.73	ppb
Calcium	43-1	519.78	526.96	497.22	514.65	3.02	ppb
Calcium	44-1	545.42	545.16	519.20	536.59	2.81	ppb
Chromium	52-2	2.26	2.35	2.26	2.29	2.21	ppb
Cobalt	59-2	1.12	1.07	1.08	1.09	2.58	ppb
Copper	63-2	2.55	2.62	2.50	2.56	2.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				91		%
Indium	115-1				94		%
Indium	115-2				88		%
Iron	56-2	61.30	59.87	60.49	60.55	1.18	ppb
Iron	57-2	63.17	56.23	61.41	60.27	5.98	ppb
Lead	206-1	1.28	1.37	1.33	1.33	3.23	ppb
Lead	207-1	1.28	1.32	1.26	1.29	2.45	ppb
Lead	208-1	1.29	1.31	1.29	1.30	0.68	ppb
Lithium	6-1				75		%
Magnesium	24-2	477.26	467.04	466.62	470.31	1.28	ppb
Manganese	55-2	1.23	1.29	1.28	1.27	2.32	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	LLCCV2	Instrumnet Name :	P7
Client Sample ID :	LLCCV2	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 19:08:27	DataFile Name :	062LLCC_P7061418 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	6.09	6.15	5.96	6.07	1.58	ppb
Molybdenum	95-1	5.81	5.90	5.69	5.80	1.82	ppb
Molybdenum	96-1	5.55	5.82	5.58	5.65	2.63	ppb
Molybdenum	97-1	5.55	5.73	5.75	5.68	1.94	ppb
Molybdenum	98-1	5.76	5.86	5.69	5.77	1.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.14	1.10	1.15	1.13	1.99	ppb
Phosphorus	31-2	-4.23	-1.24	-7.67	-4.38		ppb
Potassium	39-2	528.01	534.63	526.79	529.81	0.80	ppb
Rhodium	103-1				92		%
Rhodium	103-2				92		%
Scandium	45-1				87		%
Scandium	45-2				86		%
Selenium	77-2	6.32	5.39	3.75	5.15	25.28	ppb
Selenium	78-2	5.83	5.84	6.07	5.91	2.37	ppb
Selenium	82-1	6.21	5.45	5.24	5.63	9.10	ppb
Silicon	28-1	20.81	21.37	19.68	20.62	4.17	ppb
Silver	109-1	1.35	1.27	1.24	1.29	4.39	ppb
Silver	107-1	1.31	1.28	1.26	1.28	1.88	ppb
Sodium	23-2	755.62	750.18	746.64	750.82	0.60	ppb
Strontium	86-1	1.44	1.18	1.26	1.29	10.26	ppb
Strontium	88-1	1.21	1.25	1.19	1.21	2.61	ppb
Sulfur	34-1	374.19	645.15	226.26	415.20	51.16	ppb
Terbium	159-1				96		%
Terbium	159-2				91		%
Thallium	203-1	1.19	1.17	1.19	1.18	1.13	ppb
Thallium	205-1	1.20	1.16	1.12	1.16	3.23	ppb
Tin	118-1	6.24	6.12	5.95	6.10	2.45	ppb
Titanium	47-1	6.17	6.13	5.76	6.02	3.79	ppb
Uranium	238-1	1.12	1.11	1.09	1.11	1.72	ppb
Vanadium	51-2	5.38	5.47	5.29	5.38	1.67	ppb
Yttrium	89-1				94		%
Yttrium	89-2				89		%
Zinc	66-2	2.52	2.72	2.90	2.71	7.03	ppb
Zirconium	90-1	1.25	1.23	1.11	1.20	6.30	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	LLCCV2	Instrumnet Name :	P7
Client Sample ID :	LLCCV2	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 19:08:27	DataFile Name :	062LLCC_P7061418 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.29	1.24	1.04	1.19	10.85	ppb

LB Number : LB96029 Operator : Jaswal
 Lab Sample ID : CCB21 Instrumnet Name : P7
 Client Sample ID : CCB21 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-14 19:12:36 DataFile Name : 063CCBE_P7061418 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.29	1.36	0.46	0.70	81.37	ppb
Antimony	121-1	0.05	0.05	0.07	0.06	21.11	ppb
Arsenic	75-2	-0.01	0.02	-0.02	0.00		ppb
Barium	135-1	-0.01	0.00	-0.01	-0.01		ppb
Barium	137-1	0.02	0.00	0.03	0.02	63.23	ppb
Beryllium	9-1	0.35	0.20	0.32	0.29	27.90	ppb
Bismuth	209-1				91		%
Bismuth	209-2				82		%
Boron	10-1	12.10	11.15	15.18	12.81	16.44	ppb
Boron	11-1	13.84	14.20	12.07	13.37	8.50	ppb
Cadmium	111-1	-0.08	-0.05	0.01	-0.04		ppb
Cadmium	106-1	-1.55	-1.12	0.15	-0.84		ppb
Cadmium	108-1	-0.01	0.03	-0.01	0.00	968.23	ppb
Calcium	43-1	10.16	4.19	5.44	6.60	47.74	ppb
Calcium	44-1	6.09	5.79	6.54	6.14	6.09	ppb
Chromium	52-2	-0.01	0.03	0.02	0.02	122.97	ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.39	0.32	0.30	0.34	13.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				84		%
Indium	115-1				95		%
Indium	115-2				81		%
Iron	56-2	3.91	3.80	3.57	3.76	4.50	ppb
Iron	57-2	6.36	3.16	5.46	4.99	33.09	ppb
Lead	206-1	0.14	0.14	0.18	0.15	14.46	ppb
Lead	207-1	0.14	0.14	0.17	0.15	11.92	ppb
Lead	208-1	0.15	0.14	0.16	0.15	7.91	ppb
Lithium	6-1				75		%
Magnesium	24-2	0.94	2.33	3.37	2.21	55.17	ppb
Manganese	55-2	0.07	0.11	0.12	0.10	22.79	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P7
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 19:12:36	DataFile Name :	063CCBE_P7061418 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.02	0.01	0.02	70.52	ppb
Molybdenum	95-1	0.02	0.02	0.00	0.02	69.24	ppb
Molybdenum	96-1	0.04	0.02	0.03	0.03	32.46	ppb
Molybdenum	97-1	0.02	0.03	0.03	0.03	21.50	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	14.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.03	-0.04	-0.02		ppb
Phosphorus	31-2	-36.92	3.28	-11.56	-15.07		ppb
Potassium	39-2	47.84	45.47	42.76	45.36	5.60	ppb
Rhodium	103-1				92		%
Rhodium	103-2				86		%
Scandium	45-1				87		%
Scandium	45-2				79		%
Selenium	77-2	-0.50	0.41	-0.50	-0.19		ppb
Selenium	78-2	1.41	0.83	-0.10	0.72	106.19	ppb
Selenium	82-1	0.02	0.51	-0.88	-0.11		ppb
Silicon	28-1	4.91	6.88	7.91	6.57	23.22	ppb
Silver	109-1	0.05	0.09	0.06	0.07	26.47	ppb
Silver	107-1	0.07	0.07	0.06	0.07	11.77	ppb
Sodium	23-2	265.59	268.19	263.36	265.71	0.91	ppb
Strontium	86-1	0.03	0.08	0.11	0.07	54.16	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	11.55	ppb
Sulfur	34-1	202.21	331.69	742.93	425.61	66.34	ppb
Terbium	159-1				96		%
Terbium	159-2				84		%
Thallium	203-1	0.01	0.01	0.01	0.01	25.14	ppb
Thallium	205-1	0.01	0.01	0.02	0.02	42.87	ppb
Tin	118-1	0.06	0.03	0.05	0.05	37.23	ppb
Titanium	47-1	0.08	0.08	-0.02	0.05	114.16	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.02	0.03	0.01	0.02	44.08	ppb
Yttrium	89-1				93		%
Yttrium	89-2				82		%
Zinc	66-2	0.40	0.21	0.06	0.22	75.04	ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	33.90	ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P7
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 19:12:36	DataFile Name :	063CCBE_P7061418 M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.03	-0.05	0.00	-0.03		ppb

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 14:32:35	DataFile Name :	003CALB_P7061418 M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	25	25	25	0.00	cps
Antimony	121-1	42	42	67	50	28.87	cps
Arsenic	75-2	0	6	11	6	99.97	cps
Barium	135-1	58	75	17	50	60.09	cps
Barium	137-1	42	25	25	31	31.50	cps
Beryllium	9-1	100	78	61	80	24.50	cps
Bismuth	209-1	6161324	6093628	6159163	6138038	0.63	cps
Bismuth	209-2	3811771	3929459	3870999	3870743	1.52	cps
Boron	10-1	367	350	350	356	2.71	cps
Boron	11-1	1342	1492	1517	1450	6.53	cps
Cadmium	111-1	828	846	919	864	5.61	cps
Cadmium	106-1	1659	1684	1850	1731	6.02	cps
Cadmium	108-1	8	0	8	6	86.60	cps
Calcium	43-1	117	50	67	78	44.61	cps
Calcium	44-1	3401	3876	3176	3484	10.26	cps
Chromium	52-2	210	230	197	212	7.91	cps
Cobalt	59-2	83	97	77	86	11.90	cps
Copper	63-2	400	373	367	380	4.64	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	58	17	33	36	58.07	cps
Erbium	164-2	17	23	17	19	20.36	cps
Gadolinium	160-1	67	67	42	58	24.74	cps
Gadolinium	160-2	93	163	100	119	32.50	cps
Holmium	165-1	9316878	9100706	9208832	9208805	1.17	cps
Holmium	165-2	5332521	5504062	5381010	5405864	1.64	cps
Indium	115-1	6797355	6714775	6734638	6748923	0.64	cps
Indium	115-2	1626198	1673747	1637202	1645716	1.51	cps
Iron	56-2	2678	2767	3100	2849	7.82	cps
Iron	57-2	344	333	272	317	12.28	cps
Lead	206-1	339	228	217	261	25.88	cps
Lead	207-1	228	150	206	194	20.60	cps
Lead	208-1	1128	911	983	1007	10.95	cps
Lithium	6-1	1690780	1677276	1687572	1685209	0.42	cps
Magnesium	24-2	650	583	600	611	5.68	cps
Manganese	55-2	37	50	63	50	26.66	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 14:32:35	DataFile Name :	003CALB_P7061418 M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	217	167	175	186	14.39	cps
Molybdenum	95-1	50	25	8	28	75.51	cps
Molybdenum	96-1	50	50	75	58	24.74	cps
Molybdenum	97-1	42	67	42	50	28.87	cps
Molybdenum	98-1	67	50	42	53	24.12	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	123	90	70	94	28.53	cps
Phosphorus	31-2	158	133	167	153	11.35	cps
Potassium	39-2	22309	21984	22651	22315	1.50	cps
Rhodium	103-1	6251031	6077126	6168895	6165684	1.41	cps
Rhodium	103-2	3112617	3217395	3161694	3163902	1.66	cps
Scandium	45-1	4149137	4071697	4135542	4118792	1.00	cps
Scandium	45-2	193823	199902	196416	196714	1.55	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	63	56	61	60	6.43	cps
Selenium	82-1	43	19	25	29	43.61	cps
Silicon	28-1	271726	273857	277341	274308	1.03	cps
Silver	109-1	17	25	17	19	24.73	cps
Silver	107-1	17	42	58	39	53.93	cps
Sodium	23-2	5776	5926	6160	5954	3.25	cps
Strontium	86-1	375	367	433	392	9.27	cps
Strontium	88-1	42	25	150	72	93.98	cps
Sulfur	34-1	213957	212030	212951	212979	0.45	cps
Terbium	159-1	9509888	9364802	9473949	9449546	0.80	cps
Terbium	159-2	5256998	5378451	5342381	5325943	1.17	cps
Thallium	203-1	83	67	133	94	36.73	cps
Thallium	205-1	233	233	142	203	26.10	cps
Tin	118-1	450	458	492	467	4.72	cps
Titanium	47-1	42	25	58	42	40.00	cps
Uranium	238-1	100	92	67	86	20.14	cps
Vanadium	51-2	3	3	3	3	0.00	cps
Yttrium	89-1	7026064	6962436	6994767	6994422	0.45	cps
Yttrium	89-2	1176501	1207750	1184966	1189739	1.36	cps
Zinc	66-2	207	240	257	234	10.86	cps
Zirconium	90-1	625	475	667	589	17.12	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 14:32:35	DataFile Name :	003CALB_P7061418 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	150	158	167	158	5.26	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 14:40:19	DataFile Name :	005CAL5_P7061418 M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1033	1217	1242	1164	9.77	cps
Antimony	121-1	11672	11697	11472	11614	1.06	cps
Arsenic	75-2	231	239	198	223	9.74	cps
Barium	135-1	14967	14475	14566	14669	1.78	cps
Barium	137-1	25566	25733	26100	25800	1.06	cps
Beryllium	9-1	1267	1289	1283	1280	0.90	cps
Bismuth	209-1	6009286	6161284	6018676	6063082	1.40	cps
Bismuth	209-2	4501319	3506160	3574207	3860562	14.40	cps
Boron	10-1	2892	3200	2975	3023	5.28	cps
Boron	11-1	13056	13865	14007	13643	3.76	cps
Cadmium	111-1	2179	2149	2135	2154	1.04	cps
Cadmium	106-1	2034	1892	1959	1961	3.61	cps
Cadmium	108-1	96	108	129	111	15.15	cps
Calcium	43-1	7786	7869	8361	8005	3.88	cps
Calcium	44-1	133985	131649	133357	132997	0.91	cps
Chromium	52-2	3841	3931	4114	3962	3.52	cps
Cobalt	59-2	2767	2740	3104	2870	7.06	cps
Copper	63-2	4131	4284	4317	4244	2.35	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	33	33	33	33	0.02	cps
Erbium	164-2	13	23	20	19	26.96	cps
Gadolinium	160-1	25	92	17	44	92.49	cps
Gadolinium	160-2	137	97	110	114	17.80	cps
Holmium	165-1	9094896	9255958	9118216	9156357	0.95	cps
Holmium	165-2	6310548	4892141	5003178	5401956	14.60	cps
Indium	115-1	6615533	6817149	6642851	6691844	1.63	cps
Indium	115-2	1933675	1493748	1525386	1650936	14.86	cps
Iron	56-2	73735	75840	74650	74742	1.41	cps
Iron	57-2	2006	2189	2039	2078	4.70	cps
Lead	206-1	5246	5651	5340	5412	3.92	cps
Lead	207-1	4551	4490	4618	4553	1.40	cps
Lead	208-1	20840	21513	21191	21181	1.59	cps
Lithium	6-1	1689470	1714148	1694652	1699424	0.77	cps
Magnesium	24-2	60297	61895	61250	61148	1.31	cps
Manganese	55-2	1120	1137	1073	1110	2.96	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 14:40:19	DataFile Name :	005CAL5_P7061418 M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10996	11438	11405	11280	2.18	cps
Molybdenum	95-1	14049	14007	13941	13999	0.39	cps
Molybdenum	96-1	14908	14950	15359	15072	1.65	cps
Molybdenum	97-1	8686	8903	8503	8697	2.30	cps
Molybdenum	98-1	21842	21976	21968	21929	0.34	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	837	883	923	881	4.92	cps
Phosphorus	31-2	133	175	117	142	21.21	cps
Potassium	39-2	87986	88647	85245	87293	2.07	cps
Rhodium	103-1	6057418	6086267	6107888	6083858	0.42	cps
Rhodium	103-2	3744252	2877827	2933531	3185203	15.23	cps
Scandium	45-1	4051433	4140540	4062152	4084708	1.19	cps
Scandium	45-2	231951	178653	180609	197071	15.34	cps
Selenium	77-2	33	23	30	29	17.63	cps
Selenium	78-2	150	109	167	142	20.80	cps
Selenium	82-1	407	412	430	416	2.97	cps
Silicon	28-1	323644	326773	327299	325905	0.61	cps
Silver	109-1	6443	6577	6685	6568	1.84	cps
Silver	107-1	6669	7077	6894	6880	2.97	cps
Sodium	23-2	117676	119490	120404	119190	1.16	cps
Strontium	86-1	2184	2009	2142	2111	4.33	cps
Strontium	88-1	15693	15834	15934	15820	0.77	cps
Sulfur	34-1	215588	218970	217008	217189	0.78	cps
Terbium	159-1	9388026	9569377	9409156	9455520	1.05	cps
Terbium	159-2	6210721	4819811	4919258	5316597	14.59	cps
Thallium	203-1	5810	6093	6202	6035	3.35	cps
Thallium	205-1	15159	15051	15351	15187	1.00	cps
Tin	118-1	22986	23245	23888	23373	1.99	cps
Titanium	47-1	3892	4176	3792	3953	5.03	cps
Uranium	238-1	20884	20951	20851	20896	0.24	cps
Vanadium	51-2	6978	6952	7078	7003	0.95	cps
Yttrium	89-1	6838224	7004481	6846108	6896271	1.36	cps
Yttrium	89-2	1393794	1081447	1101727	1192323	14.66	cps
Zinc	66-2	843	733	807	794	7.05	cps
Zirconium	90-1	10029	10154	10046	10076	0.67	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 14:40:19	DataFile Name :	005CALS_P7061418 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2475	2300	2484	2420	4.28	cps

LB Number : LB96029 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-14 14:44:12 DataFile Name : 006CAL5_P7061418 M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	59402	59319	58206	58976	1.13	cps
Antimony	121-1	320893	317756	311178	316609	1.57	cps
Arsenic	75-2	10819	10824	10813	10819	0.05	cps
Barium	135-1	406783	403178	402738	404233	0.55	cps
Barium	137-1	715205	709562	696080	706949	1.39	cps
Beryllium	9-1	60208	60627	60850	60562	0.54	cps
Bismuth	209-1	6054934	6090358	6053476	6066256	0.34	cps
Bismuth	209-2	3835079	3820713	3848032	3834608	0.36	cps
Boron	10-1	6568	6994	6543	6702	3.78	cps
Boron	11-1	29204	29162	29137	29168	0.12	cps
Cadmium	111-1	71306	70793	71551	71217	0.54	cps
Cadmium	106-1	9262	9037	9921	9406	4.88	cps
Cadmium	108-1	5272	5276	5351	5300	0.84	cps
Calcium	43-1	87870	87216	88095	87727	0.52	cps
Calcium	44-1	1462335	1442900	1446714	1450650	0.71	cps
Chromium	52-2	92770	92076	92779	92541	0.44	cps
Cobalt	59-2	147822	146569	147344	147245	0.43	cps
Copper	63-2	210102	206133	209531	208589	1.03	cps
Dysprosium	156-1	0	8	42	17	132.30	cps
Dysprosium	156-2	7	10	10	9	21.63	cps
Erbium	164-1	50	8	8	22	108.27	cps
Erbium	164-2	17	23	17	19	20.36	cps
Gadolinium	160-1	50	50	33	44	21.66	cps
Gadolinium	160-2	130	123	113	122	6.86	cps
Holmium	165-1	9140977	9061976	9041975	9081643	0.58	cps
Holmium	165-2	5320591	5316498	5355899	5330996	0.41	cps
Indium	115-1	6674735	6672709	6595134	6647526	0.68	cps
Indium	115-2	1614885	1597094	1606646	1606208	0.55	cps
Iron	56-2	3895586	3870868	3879902	3882119	0.32	cps
Iron	57-2	95078	94240	95486	94935	0.67	cps
Lead	206-1	273262	276683	272238	274061	0.85	cps
Lead	207-1	241025	242075	241131	241410	0.24	cps
Lead	208-1	1094299	1102008	1095374	1097227	0.38	cps
Lithium	6-1	1706075	1700755	1699432	1702087	0.21	cps
Magnesium	24-2	663190	659393	662677	661753	0.31	cps
Manganese	55-2	109977	109094	108822	109298	0.55	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 14:44:12	DataFile Name :	006CAL5_P7061418 M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	608003	607730	604281	606671	0.34	cps
Molybdenum	95-1	753494	746621	739371	746495	0.95	cps
Molybdenum	96-1	819432	819879	823133	820815	0.25	cps
Molybdenum	97-1	460058	459968	460327	460118	0.04	cps
Molybdenum	98-1	1201642	1201007	1191243	1197964	0.49	cps
Neodymium	150-1	20	47	40	36	39.03	cps
Neodymium	150-2	17	7	10	11	45.82	cps
Nickel	60-2	38755	38364	38106	38408	0.85	cps
Phosphorus	31-2	3084	3426	3301	3270	5.29	cps
Potassium	39-2	377626	377102	373338	376022	0.62	cps
Rhodium	103-1	6103633	6086314	6074640	6088196	0.24	cps
Rhodium	103-2	3103012	3080088	3089207	3090769	0.37	cps
Scandium	45-1	4090073	4053208	4049831	4064371	0.55	cps
Scandium	45-2	195457	191298	192793	193183	1.09	cps
Selenium	77-2	167	227	270	221	23.47	cps
Selenium	78-2	798	867	850	838	4.26	cps
Selenium	82-1	4320	4346	4376	4347	0.64	cps
Silicon	28-1	465145	459747	461084	461992	0.61	cps
Silver	109-1	353659	353512	352006	353059	0.26	cps
Silver	107-1	374833	370203	365932	370322	1.20	cps
Sodium	23-2	1255743	1247385	1239257	1247462	0.66	cps
Strontium	86-1	97227	95860	95944	96344	0.80	cps
Strontium	88-1	868727	843947	848389	853688	1.55	cps
Sulfur	34-1	239114	239393	237724	238744	0.37	cps
Terbium	159-1	9441893	9363041	9319806	9374913	0.66	cps
Terbium	159-2	5279485	5249128	5276400	5268338	0.32	cps
Thallium	203-1	335264	334872	330818	333651	0.74	cps
Thallium	205-1	800185	797496	797858	798513	0.18	cps
Tin	118-1	256484	249445	248525	251484	1.73	cps
Titanium	47-1	207870	205561	203755	205728	1.00	cps
Uranium	238-1	1162610	1166152	1160299	1163020	0.25	cps
Vanadium	51-2	77422	76417	78062	77300	1.07	cps
Yttrium	89-1	6908548	6871886	6817120	6865851	0.67	cps
Yttrium	89-2	1168269	1160096	1156733	1161699	0.51	cps
Zinc	66-2	29851	29223	29957	29677	1.34	cps
Zirconium	90-1	509913	508999	504244	507719	0.60	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 14:44:12	DataFile Name :	006CALS_P7061418 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	113044	111187	112908	112380	0.92	cps

LB Number : LB96029 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-14 14:48:05 DataFile Name : 007CAL5_P7061418 M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	136829	137594	141456	138626	1.79	cps
Antimony	121-1	742450	742163	742123	742246	0.02	cps
Arsenic	75-2	24849	24836	25663	25116	1.89	cps
Barium	135-1	941621	942989	940340	941650	0.14	cps
Barium	137-1	1656258	1672530	1648641	1659143	0.74	cps
Beryllium	9-1	139928	138386	135987	138100	1.44	cps
Bismuth	209-1	5749236	5763789	5739865	5750963	0.21	cps
Bismuth	209-2	3602602	3631877	3764943	3666474	2.36	cps
Boron	10-1	13732	14991	14140	14288	4.50	cps
Boron	11-1	63308	68171	65040	65506	3.76	cps
Cadmium	111-1	164473	163785	164012	164090	0.21	cps
Cadmium	106-1	18721	19080	19456	19086	1.92	cps
Cadmium	108-1	12372	12339	12777	12496	1.95	cps
Calcium	43-1	207020	201877	202719	203872	1.35	cps
Calcium	44-1	3397880	3392868	3360436	3383728	0.60	cps
Chromium	52-2	210442	212971	218368	213927	1.89	cps
Cobalt	59-2	334784	337274	347886	339981	2.05	cps
Copper	63-2	475627	480048	487164	480946	1.21	cps
Dysprosium	156-1	0	50	58	36	87.37	cps
Dysprosium	156-2	20	27	7	18	57.27	cps
Erbium	164-1	83	75	33	64	41.93	cps
Erbium	164-2	7	13	17	12	41.65	cps
Gadolinium	160-1	25	75	33	44	60.28	cps
Gadolinium	160-2	87	137	120	114	22.24	cps
Holmium	165-1	8632630	8568440	8554020	8585030	0.49	cps
Holmium	165-2	5016199	5054672	5221075	5097316	2.14	cps
Indium	115-1	6285088	6341966	6245879	6290978	0.77	cps
Indium	115-2	1487019	1501643	1549460	1512707	2.16	cps
Iron	56-2	8877321	8970438	9097878	8981879	1.23	cps
Iron	57-2	218812	217288	223272	219791	1.41	cps
Lead	206-1	644976	647810	641566	644784	0.48	cps
Lead	207-1	570127	571589	572555	571424	0.21	cps
Lead	208-1	2588047	2592336	2575262	2585215	0.34	cps
Lithium	6-1	1590788	1592399	1582683	1588624	0.33	cps
Magnesium	24-2	1531702	1540083	1588275	1553353	1.97	cps
Manganese	55-2	249875	252414	256338	252876	1.29	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 14:48:05	DataFile Name :	007CAL5_P7061418 M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1407539	1409511	1400817	1405956	0.32	cps
Molybdenum	95-1	1746216	1733394	1724804	1734805	0.62	cps
Molybdenum	96-1	1924621	1907415	1906025	1912687	0.54	cps
Molybdenum	97-1	1078087	1078806	1063541	1073478	0.80	cps
Molybdenum	98-1	2802141	2808833	2785192	2798722	0.44	cps
Neodymium	150-1	67	87	73	76	13.48	cps
Neodymium	150-2	20	17	20	19	10.18	cps
Nickel	60-2	87881	87607	89806	88431	1.36	cps
Phosphorus	31-2	7402	7410	7044	7285	2.87	cps
Potassium	39-2	832887	845601	858165	845551	1.49	cps
Rhodium	103-1	5646102	5647481	5629709	5641097	0.18	cps
Rhodium	103-2	2848496	2857620	2984010	2896709	2.61	cps
Scandium	45-1	3767219	3754192	3729474	3750295	0.51	cps
Scandium	45-2	178874	180065	184108	181016	1.52	cps
Selenium	77-2	537	517	583	546	6.27	cps
Selenium	78-2	1845	1839	1921	1868	2.44	cps
Selenium	82-1	10131	10342	10155	10209	1.13	cps
Silicon	28-1	698295	690773	689464	692844	0.69	cps
Silver	109-1	808977	813413	814403	812264	0.36	cps
Silver	107-1	846287	849025	848821	848044	0.18	cps
Sodium	23-2	2898046	2925722	3003765	2942511	1.86	cps
Strontium	86-1	225746	226864	224341	225650	0.56	cps
Strontium	88-1	2003476	2001388	1978939	1994601	0.68	cps
Sulfur	34-1	259715	257944	258554	258738	0.35	cps
Terbium	159-1	8863249	8890784	8800876	8851636	0.52	cps
Terbium	159-2	4925788	4960131	5139710	5008543	2.29	cps
Thallium	203-1	782842	779385	786797	783008	0.47	cps
Thallium	205-1	1904374	1907303	1896040	1902573	0.31	cps
Tin	118-1	581166	588970	583783	584640	0.68	cps
Titanium	47-1	477384	470531	465977	471298	1.22	cps
Uranium	238-1	2805529	2802327	2807309	2805055	0.09	cps
Vanadium	51-2	179962	178751	180724	179813	0.55	cps
Yttrium	89-1	6426008	6411067	6385936	6407670	0.32	cps
Yttrium	89-2	1071589	1082886	1125564	1093346	2.60	cps
Zinc	66-2	68396	67977	69611	68662	1.24	cps
Zirconium	90-1	1190035	1194057	1180826	1188306	0.57	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 14:48:05	DataFile Name :	007CALS_P7061418 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	265007	266639	262558	264735	0.78	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 14:51:54	DataFile Name :	008CAL5_P7061418 M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	279735	277571	281062	279456	0.63	cps
Antimony	121-1	1555594	1552001	1549339	1552311	0.20	cps
Arsenic	75-2	49006	49811	49640	49486	0.86	cps
Barium	135-1	1982682	1981681	1971014	1978459	0.33	cps
Barium	137-1	3499149	3485073	3453954	3479392	0.66	cps
Beryllium	9-1	282350	277146	273755	277751	1.56	cps
Bismuth	209-1	6034512	6039929	6054990	6043144	0.18	cps
Bismuth	209-2	3763948	3748108	3767308	3759788	0.27	cps
Boron	10-1	27935	28578	29830	28781	3.35	cps
Boron	11-1	129290	128509	131895	129898	1.36	cps
Cadmium	111-1	339214	338519	337512	338415	0.25	cps
Cadmium	106-1	37292	39907	38745	38648	3.39	cps
Cadmium	108-1	25244	25565	25068	25292	1.00	cps
Calcium	43-1	418596	417857	415228	417227	0.42	cps
Calcium	44-1	6892389	6847088	6783735	6841070	0.80	cps
Chromium	52-2	426200	424425	419688	423438	0.79	cps
Cobalt	59-2	675501	675394	674312	675069	0.10	cps
Copper	63-2	949833	948089	944676	947533	0.28	cps
Dysprosium	156-1	33	42	25	33	25.00	cps
Dysprosium	156-2	33	40	33	36	10.83	cps
Erbium	164-1	50	42	50	47	10.18	cps
Erbium	164-2	27	23	17	22	22.91	cps
Gadolinium	160-1	67	83	25	58	51.51	cps
Gadolinium	160-2	123	127	137	129	5.38	cps
Holmium	165-1	9067864	9031745	9050298	9049969	0.20	cps
Holmium	165-2	5224293	5202945	5253005	5226748	0.48	cps
Indium	115-1	6478308	6429498	6429054	6445620	0.44	cps
Indium	115-2	1515351	1505981	1507800	1509711	0.33	cps
Iron	56-2	17899649	17893268	17770081	17854333	0.41	cps
Iron	57-2	437176	441350	436902	438476	0.57	cps
Lead	206-1	1360095	1361969	1370721	1364262	0.42	cps
Lead	207-1	1198974	1205141	1206737	1203618	0.34	cps
Lead	208-1	5483136	5493675	5493440	5490084	0.11	cps
Lithium	6-1	1620001	1597458	1608687	1608715	0.70	cps
Magnesium	24-2	3150703	3146690	3129855	3142416	0.35	cps
Manganese	55-2	506732	502801	501611	503715	0.53	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 14:51:54	DataFile Name :	008CAL5_P7061418 M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2970823	2950713	2924187	2948574	0.79	cps
Molybdenum	95-1	3658238	3637706	3616548	3637497	0.57	cps
Molybdenum	96-1	4048049	4011647	3973926	4011207	0.92	cps
Molybdenum	97-1	2248067	2234095	2227162	2236441	0.48	cps
Molybdenum	98-1	5773794	5883388	5868024	5841736	1.02	cps
Neodymium	150-1	127	120	187	144	25.42	cps
Neodymium	150-2	20	20	23	21	9.11	cps
Nickel	60-2	176167	175061	174104	175110	0.59	cps
Phosphorus	31-2	14149	14658	14633	14480	1.98	cps
Potassium	39-2	1673148	1659204	1657554	1663302	0.52	cps
Rhodium	103-1	5822204	5754624	5759578	5778802	0.65	cps
Rhodium	103-2	2901042	2891868	2895338	2896083	0.16	cps
Scandium	45-1	3871004	3823264	3831489	3841919	0.66	cps
Scandium	45-2	179975	179803	180802	180193	0.30	cps
Selenium	77-2	1210	960	1093	1088	11.50	cps
Selenium	78-2	3671	3823	3656	3717	2.48	cps
Selenium	82-1	21218	20895	20252	20788	2.37	cps
Silicon	28-1	1118906	1116172	1100660	1111913	0.89	cps
Silver	109-1	1675937	1681937	1671979	1676618	0.30	cps
Silver	107-1	1753217	1761276	1739274	1751255	0.64	cps
Sodium	23-2	5900462	5876783	5848155	5875133	0.45	cps
Strontium	86-1	469271	465820	465275	466789	0.46	cps
Strontium	88-1	4227017	4175034	4165413	4189155	0.79	cps
Sulfur	34-1	312692	306538	302192	307140	1.72	cps
Terbium	159-1	9332183	9244263	9312098	9296181	0.50	cps
Terbium	159-2	5134131	5116108	5130082	5126774	0.18	cps
Thallium	203-1	1657344	1662786	1664079	1661403	0.22	cps
Thallium	205-1	4043102	4044913	4077952	4055322	0.48	cps
Tin	118-1	1234824	1227705	1224360	1228963	0.43	cps
Titanium	47-1	972141	961551	960958	964883	0.65	cps
Uranium	238-1	6113091	6089611	6113729	6105477	0.23	cps
Vanadium	51-2	357094	357953	356339	357129	0.23	cps
Yttrium	89-1	6721518	6622389	6661512	6668473	0.75	cps
Yttrium	89-2	1100656	1098785	1095256	1098232	0.25	cps
Zinc	66-2	135989	134967	134687	135214	0.51	cps
Zirconium	90-1	2489206	2468494	2472309	2476670	0.45	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 14:51:54	DataFile Name :	008CALS_P7061418 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	551771	549023	546211	549002	0.51	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 15:05:03	DataFile Name :	011CALC_P7061418 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	530324	527512	526414	528083	0.38	cps
Antimony	121-1	3036350	3008817	3011428	3018865	0.50	cps
Arsenic	75-2	95354	94954	93807	94705	0.85	cps
Barium	135-1	3861233	3847779	3850391	3853135	0.19	cps
Barium	137-1	6724114	6699588	6681973	6701892	0.32	cps
Beryllium	9-1	510943	505661	503500	506701	0.76	cps
Bismuth	209-1	6185090	6336426	6352393	6291303	1.47	cps
Bismuth	209-2	3779980	3783777	3785622	3783126	0.08	cps
Boron	10-1	53370	56055	56498	55307	3.06	cps
Boron	11-1	245011	253022	256675	251569	2.37	cps
Cadmium	111-1	652290	648077	646892	649086	0.44	cps
Cadmium	106-1	71388	70191	70166	70582	0.99	cps
Cadmium	108-1	48303	48349	48709	48454	0.46	cps
Calcium	43-1	794966	788053	790176	791065	0.45	cps
Calcium	44-1	12968538	12881740	12908635	12919638	0.34	cps
Chromium	52-2	813197	814144	803349	810230	0.74	cps
Cobalt	59-2	1291448	1283127	1280662	1285079	0.44	cps
Copper	63-2	1795213	1797025	1791668	1794635	0.15	cps
Dysprosium	156-1	100	117	58	92	32.77	cps
Dysprosium	156-2	67	73	80	73	9.09	cps
Erbium	164-1	25	75	33	44	60.28	cps
Erbium	164-2	27	47	40	38	26.95	cps
Gadolinium	160-1	67	117	83	89	28.64	cps
Gadolinium	160-2	153	100	87	113	31.13	cps
Holmium	165-1	9197958	9485494	9424145	9369199	1.62	cps
Holmium	165-2	5297151	5305739	5341950	5314947	0.45	cps
Indium	115-1	6475072	6721881	6659820	6618924	1.94	cps
Indium	115-2	1509011	1505375	1510345	1508244	0.17	cps
Iron	56-2	34302980	34128450	34119908	34183779	0.30	cps
Iron	57-2	835246	838220	830206	834557	0.49	cps
Lead	206-1	2694028	2676844	2668127	2679666	0.49	cps
Lead	207-1	2384205	2389482	2365773	2379820	0.52	cps
Lead	208-1	10929421	10888123	10858905	10892150	0.33	cps
Lithium	6-1	1569777	1605431	1606764	1593991	1.32	cps
Magnesium	24-2	6078111	6087801	6071497	6079137	0.13	cps
Manganese	55-2	964635	965162	957387	962395	0.45	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 15:05:03	DataFile Name :	011CAL5_P7061418 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5641563	5747680	5746363	5711869	1.07	cps
Molybdenum	95-1	6971804	6946877	6970451	6963044	0.20	cps
Molybdenum	96-1	7694488	7627664	7638671	7653608	0.47	cps
Molybdenum	97-1	4343147	4307805	4332534	4327829	0.42	cps
Molybdenum	98-1	11151844	11073193	11116563	11113867	0.35	cps
Neodymium	150-1	273	280	347	300	13.52	cps
Neodymium	150-2	53	43	43	47	12.37	cps
Nickel	60-2	332042	332678	328565	331095	0.67	cps
Phosphorus	31-2	27242	26933	26549	26908	1.29	cps
Potassium	39-2	3189336	3169565	3168976	3175959	0.36	cps
Rhodium	103-1	5688127	5900040	5841681	5809949	1.88	cps
Rhodium	103-2	2879643	2876161	2902856	2886220	0.50	cps
Scandium	45-1	3771104	3861644	3858753	3830500	1.34	cps
Scandium	45-2	180964	180299	182400	181221	0.59	cps
Selenium	77-2	2137	2120	2064	2107	1.83	cps
Selenium	78-2	6628	6935	6985	6849	2.83	cps
Selenium	82-1	39974	39771	39842	39862	0.26	cps
Silicon	28-1	2046631	2028819	2044072	2039841	0.47	cps
Silver	109-1	3235828	3211457	3216510	3221265	0.40	cps
Silver	107-1	3355541	3350991	3336987	3347840	0.29	cps
Sodium	23-2	11339690	11302481	11280886	11307686	0.26	cps
Strontium	86-1	903234	898360	898653	900082	0.30	cps
Strontium	88-1	8020628	7983810	7968819	7991085	0.33	cps
Sulfur	34-1	386763	382380	386046	385063	0.61	cps
Terbium	159-1	9429290	9733234	9629486	9597337	1.61	cps
Terbium	159-2	5215079	5189783	5210726	5205196	0.26	cps
Thallium	203-1	3266547	3255028	3266098	3262557	0.20	cps
Thallium	205-1	7918684	7860636	7866639	7881986	0.41	cps
Tin	118-1	2385518	2371392	2359745	2372218	0.54	cps
Titanium	47-1	1827383	1807358	1810381	1815041	0.59	cps
Uranium	238-1	11801042	11801760	11757242	11786682	0.22	cps
Vanadium	51-2	691961	686568	680776	686435	0.81	cps
Yttrium	89-1	6724356	6914484	6833456	6824099	1.40	cps
Yttrium	89-2	1097631	1090829	1104394	1097618	0.62	cps
Zinc	66-2	256914	255279	253647	255280	0.64	cps
Zirconium	90-1	4852158	4814680	4784364	4817067	0.70	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 15:05:03	DataFile Name :	011CALS_P7061418 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1061053	1046866	1048980	1052300	0.73	cps

LB Number : LB96029 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-14 15:08:46 DataFile Name : 012CAL5_P7061418 M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	988472	979775	996496	988248	0.85	cps
Antimony	121-1	5994398	5625030	5618567	5745998	3.74	cps
Arsenic	75-2	175512	175963	176578	176018	0.30	cps
Barium	135-1	7631084	7183012	7161929	7325342	3.62	cps
Barium	137-1	13253764	12558891	12539223	12783959	3.18	cps
Beryllium	9-1	984419	920466	924048	942978	3.81	cps
Bismuth	209-1	6196917	5971745	5658970	5942544	4.55	cps
Bismuth	209-2	3446628	3461798	3508976	3472467	0.94	cps
Boron	10-1	100289	99669	98737	99565	0.78	cps
Boron	11-1	449548	441265	445990	445601	0.93	cps
Cadmium	111-1	1255506	1174822	1185597	1205308	3.63	cps
Cadmium	106-1	136973	126536	126755	130088	4.58	cps
Cadmium	108-1	92453	87614	88306	89458	2.93	cps
Calcium	43-1	1570344	1476270	1484054	1510223	3.46	cps
Calcium	44-1	25686228	24236124	24214132	24712161	3.41	cps
Chromium	52-2	1508973	1499040	1509899	1505971	0.40	cps
Cobalt	59-2	2374785	2373858	2377843	2375495	0.09	cps
Copper	63-2	3325762	3322696	3316766	3321741	0.14	cps
Dysprosium	156-1	58	83	100	81	26.03	cps
Dysprosium	156-2	137	93	93	108	23.21	cps
Erbium	164-1	17	33	33	28	34.63	cps
Erbium	164-2	10	10	20	13	43.30	cps
Gadolinium	160-1	42	33	58	44	28.65	cps
Gadolinium	160-2	107	100	90	99	8.48	cps
Holmium	165-1	9638380	9240650	8660393	9179808	5.36	cps
Holmium	165-2	4934531	4946366	5010387	4963761	0.82	cps
Indium	115-1	6651469	6421460	6058788	6377239	4.69	cps
Indium	115-2	1375076	1374117	1400174	1383123	1.07	cps
Iron	56-2	64053335	63903576	64263824	64073578	0.28	cps
Iron	57-2	1567438	1564415	1572517	1568123	0.26	cps
Lead	206-1	5262392	4952718	4972291	5062467	3.43	cps
Lead	207-1	4683466	4376386	4394809	4484887	3.84	cps
Lead	208-1	21115271	19852756	19980505	20316177	3.42	cps
Lithium	6-1	1601993	1552479	1470912	1541795	4.29	cps
Magnesium	24-2	11488470	11362686	11468219	11439792	0.59	cps
Manganese	55-2	1807392	1797981	1804798	1803390	0.27	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 15:08:46	DataFile Name :	012CAL5_P7061418 M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11006635	10376588	10354836	10579353	3.50	cps
Molybdenum	95-1	13646586	12910498	12836684	13131256	3.41	cps
Molybdenum	96-1	14903101	14104794	14013432	14340442	3.41	cps
Molybdenum	97-1	8513859	8017094	8012439	8181130	3.52	cps
Molybdenum	98-1	21811215	20578811	20534514	20974846	3.45	cps
Neodymium	150-1	407	360	380	382	6.13	cps
Neodymium	150-2	43	33	60	46	29.58	cps
Nickel	60-2	610061	606264	611370	609232	0.44	cps
Phosphorus	31-2	50812	48697	48639	49383	2.51	cps
Potassium	39-2	5905575	5839002	5863491	5869356	0.57	cps
Rhodium	103-1	5731626	5583069	5249066	5521254	4.48	cps
Rhodium	103-2	2651232	2638699	2686162	2658698	0.93	cps
Scandium	45-1	3903991	3848674	3505599	3752755	5.75	cps
Scandium	45-2	170825	167480	170496	169601	1.09	cps
Selenium	77-2	3751	3761	3881	3797	1.91	cps
Selenium	78-2	12674	12467	12518	12553	0.86	cps
Selenium	82-1	76779	72087	72698	73855	3.45	cps
Silicon	28-1	3975694	3852072	3818059	3881942	2.14	cps
Silver	109-1	6236435	5906553	5882309	6008432	3.29	cps
Silver	107-1	6507801	6133978	6169615	6270465	3.29	cps
Sodium	23-2	21325731	21124491	21308370	21252864	0.52	cps
Strontium	86-1	1716667	1619096	1616827	1650863	3.45	cps
Strontium	88-1	15185749	14428549	14366679	14660326	3.11	cps
Sulfur	34-1	601333	569109	571385	580609	3.10	cps
Terbium	159-1	9864496	9490946	8861718	9405720	5.39	cps
Terbium	159-2	4847455	4820177	4913161	4860264	0.98	cps
Thallium	203-1	6472928	6149469	6150848	6257749	2.98	cps
Thallium	205-1	15308608	14616752	14655195	14860185	2.62	cps
Tin	118-1	4424974	4159237	4178366	4254192	3.48	cps
Titanium	47-1	3580866	3348108	3373913	3434296	3.72	cps
Uranium	238-1	22667248	21601088	21354562	21874299	3.19	cps
Vanadium	51-2	1281800	1274733	1282694	1279742	0.34	cps
Yttrium	89-1	6926686	6747461	6254391	6642846	5.24	cps
Yttrium	89-2	1028023	1024109	1038975	1030369	0.75	cps
Zinc	66-2	466615	464083	462820	464506	0.42	cps
Zirconium	90-1	9349725	8845826	8851595	9015715	3.21	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 15:08:46	DataFile Name :	012CALS_P7061418 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2064681	1935840	1958019	1986180	3.47	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 15:12:28	DataFile Name :	013CALS_P7061418 M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5401898	5462359	5429621	5431293	0.56	cps
Antimony	121-1	8770	8344	8903	8672	3.36	cps
Arsenic	75-2	130	113	113	119	8.12	cps
Barium	135-1	3367	3226	3976	3523	11.31	cps
Barium	137-1	6602	6168	6452	6407	3.44	cps
Beryllium	9-1	872	1033	895	933	9.35	cps
Bismuth	209-1	5429729	5465912	5535554	5477065	0.98	cps
Bismuth	209-2	3281918	3272721	3279414	3278018	0.15	cps
Boron	10-1	6643	6218	5851	6238	6.36	cps
Boron	11-1	30023	28277	27684	28661	4.24	cps
Cadmium	111-1	1304	1393	1329	1342	3.41	cps
Cadmium	106-1	1884	1925	1784	1864	3.91	cps
Cadmium	108-1	54	58	42	51	16.87	cps
Calcium	43-1	8359151	8354935	8353892	8355993	0.03	cps
Calcium	44-1	135966232	135970424	135255436	135730697	0.30	cps
Chromium	52-2	72745	72829	73683	73086	0.71	cps
Cobalt	59-2	4998	5018	4928	4981	0.95	cps
Copper	63-2	8519	8139	8196	8285	2.48	cps
Dysprosium	156-1	42	83	50	58	37.80	cps
Dysprosium	156-2	60	43	43	49	19.69	cps
Erbium	164-1	42	17	83	47	71.32	cps
Erbium	164-2	13	27	27	22	34.66	cps
Gadolinium	160-1	67	75	125	89	35.50	cps
Gadolinium	160-2	123	107	90	107	15.63	cps
Holmium	165-1	8926837	8950967	9013869	8963891	0.50	cps
Holmium	165-2	5045597	5017782	5000577	5021319	0.45	cps
Indium	115-1	6099960	6094673	6187713	6127449	0.85	cps
Indium	115-2	1414259	1405467	1405897	1408541	0.35	cps
Iron	56-2	330107663	331067896	330258663	330478074	0.16	cps
Iron	57-2	8070625	8120772	8093879	8095092	0.31	cps
Lead	206-1	34122	33198	33053	33457	1.73	cps
Lead	207-1	26950	27551	27457	27319	1.18	cps
Lead	208-1	128052	129728	129019	128933	0.65	cps
Lithium	6-1	1554518	1569980	1600828	1575109	1.50	cps
Magnesium	24-2	62454603	62090791	61954170	62166522	0.42	cps
Manganese	55-2	10307	10444	10617	10456	1.49	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 15:12:28	DataFile Name :	013CALS_P7061418 M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	16068	15734	16035	15946	1.15	cps
Molybdenum	95-1	25457	24914	24614	24995	1.71	cps
Molybdenum	96-1	29364	28496	28671	28844	1.59	cps
Molybdenum	97-1	15376	16343	15059	15593	4.29	cps
Molybdenum	98-1	39439	39564	39548	39517	0.17	cps
Neodymium	150-1	153	133	120	136	12.38	cps
Neodymium	150-2	47	37	33	39	17.85	cps
Nickel	60-2	18786	18759	18195	18580	1.80	cps
Phosphorus	31-2	133	142	183	153	17.53	cps
Potassium	39-2	31519536	31554027	31560361	31544641	0.07	cps
Rhodium	103-1	5132107	5158736	5209875	5166906	0.76	cps
Rhodium	103-2	2591787	2585193	2571375	2582785	0.40	cps
Scandium	45-1	3693221	3735468	3819649	3749446	1.72	cps
Scandium	45-2	180626	179951	179968	180182	0.21	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	74	72	65	70	6.96	cps
Selenium	82-1	79	92	125	99	24.00	cps
Silicon	28-1	421499	430367	430132	427333	1.18	cps
Silver	109-1	1325	1483	1642	1483	10.67	cps
Silver	107-1	1558	1659	1600	1606	3.13	cps
Sodium	23-2	112917507	113444069	113371498	113244358	0.25	cps
Strontium	86-1	63416	62989	63047	63151	0.37	cps
Strontium	88-1	552415	546353	543942	547570	0.80	cps
Sulfur	34-1	175075	178240	180209	177841	1.46	cps
Terbium	159-1	9176323	9114619	9279491	9190145	0.91	cps
Terbium	159-2	4940910	4921857	4904449	4922405	0.37	cps
Thallium	203-1	4543	4651	3759	4318	11.27	cps
Thallium	205-1	10363	9779	9879	10007	3.12	cps
Tin	118-1	14208	13082	13599	13629	4.14	cps
Titanium	47-1	2325	2609	2350	2428	6.46	cps
Uranium	238-1	4893	5026	4935	4951	1.38	cps
Vanadium	51-2	877	950	903	910	4.08	cps
Yttrium	89-1	6459318	6500196	6537035	6498850	0.60	cps
Yttrium	89-2	1066133	1065332	1063005	1064823	0.15	cps
Zinc	66-2	3267	3317	2967	3184	5.95	cps
Zirconium	90-1	4142	3892	4109	4048	3.36	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 15:12:28	DataFile Name :	013CALS_P7061418 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	775	875	925	858	8.90	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	ICV0	Instrumnet Name :	P7
Client Sample ID :	ICV0	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 15:17:56	DataFile Name :	014ICV0_P7061418 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28002	27134	26725	27287	2.39	cps
Antimony	121-1	1179680	1186567	1177854	1181367	0.39	cps
Arsenic	75-2	38737	39089	39023	38950	0.48	cps
Barium	135-1	153994	153801	152621	153472	0.48	cps
Barium	137-1	266344	268354	266663	267120	0.40	cps
Beryllium	9-1	110701	110141	111534	110792	0.63	cps
Bismuth	209-1	6355649	6289182	6417224	6354018	1.01	cps
Bismuth	209-2	3845557	3858992	3860687	3855079	0.22	cps
Boron	10-1	64865	67217	67275	66452	2.07	cps
Boron	11-1	289212	300298	301337	296949	2.26	cps
Cadmium	111-1	137204	134838	136833	136291	0.93	cps
Cadmium	106-1	25541	25866	26025	25810	0.96	cps
Cadmium	108-1	13261	13598	13319	13393	1.35	cps
Calcium	43-1	36287	36053	34925	35755	2.04	cps
Calcium	44-1	566552	569471	562891	566305	0.58	cps
Chromium	52-2	163630	164715	165250	164532	0.50	cps
Cobalt	59-2	268426	269429	268938	268931	0.19	cps
Copper	63-2	189259	189472	187176	188636	0.67	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	100	83	33	72	48.05	cps
Erbium	164-2	17	47	37	33	45.82	cps
Gadolinium	160-1	75	17	25	39	81.12	cps
Gadolinium	160-2	107	100	127	111	12.49	cps
Holmium	165-1	9337612	9314588	9417736	9356645	0.58	cps
Holmium	165-2	5281589	5315055	5332006	5309550	0.48	cps
Indium	115-1	6784757	6726244	6811670	6774224	0.64	cps
Indium	115-2	1558995	1564731	1565453	1563060	0.23	cps
Iron	56-2	1432531	1428779	1421037	1427449	0.41	cps
Iron	57-2	36128	34541	35310	35326	2.25	cps
Lead	206-1	1075106	1076924	1079127	1077052	0.19	cps
Lead	207-1	909497	918209	907492	911733	0.62	cps
Lead	208-1	4235075	4248587	4227393	4237018	0.25	cps
Lithium	6-1	1736771	1729497	1742184	1736151	0.37	cps
Magnesium	24-2	156272	154563	151743	154193	1.48	cps
Manganese	55-2	98936	98890	99893	99240	0.57	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	ICV0	Instrumnet Name :	P7
Client Sample ID :	ICV0	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 15:17:56	DataFile Name :	014ICV0_P7061418 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2622804	2644840	2627415	2631686	0.44	cps
Molybdenum	95-1	1438677	1453922	1442085	1444895	0.55	cps
Molybdenum	96-1	1844265	1838483	1822463	1835070	0.62	cps
Molybdenum	97-1	896897	892954	897845	895899	0.29	cps
Molybdenum	98-1	2324661	2340073	2344760	2336498	0.45	cps
Neodymium	150-1	20	13	13	16	24.76	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	69578	69403	69765	69582	0.26	cps
Phosphorus	31-2	142	150	92	128	24.69	cps
Potassium	39-2	283050	280069	283764	282295	0.69	cps
Rhodium	103-1	6056401	6053855	6105555	6071937	0.48	cps
Rhodium	103-2	3052734	3038751	3049040	3046842	0.24	cps
Scandium	45-1	4022536	4010242	4052164	4028314	0.53	cps
Scandium	45-2	189904	192574	191578	191352	0.71	cps
Selenium	77-2	827	877	803	836	4.48	cps
Selenium	78-2	2926	3032	3023	2994	1.95	cps
Selenium	82-1	16405	16219	16571	16398	1.07	cps
Silicon	28-1	1978571	1976870	1977213	1977552	0.05	cps
Silver	109-1	650164	652612	649823	650866	0.23	cps
Silver	107-1	684277	688740	679400	684139	0.68	cps
Sodium	23-2	498804	498293	494127	497075	0.52	cps
Strontium	86-1	938380	939009	938397	938595	0.04	cps
Strontium	88-1	8355230	8422988	8358014	8378744	0.46	cps
Sulfur	34-1	189600	190806	188200	189536	0.69	cps
Terbium	159-1	9608196	9610035	9701189	9639807	0.55	cps
Terbium	159-2	5205725	5232277	5210908	5216303	0.27	cps
Thallium	203-1	1327335	1323409	1323526	1324757	0.17	cps
Thallium	205-1	3220441	3199831	3227386	3215886	0.45	cps
Tin	118-1	2482035	2466099	2493285	2480473	0.55	cps
Titanium	47-1	389864	395264	385866	390331	1.21	cps
Uranium	238-1	11950874	11873130	11761817	11861940	0.80	cps
Vanadium	51-2	139196	140037	137860	139031	0.79	cps
Yttrium	89-1	6984882	6939473	7032175	6985510	0.66	cps
Yttrium	89-2	1132633	1133479	1138550	1134887	0.28	cps
Zinc	66-2	54595	54361	53418	54124	1.15	cps
Zirconium	90-1	4991031	5040810	5025570	5019137	0.51	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	ICV0	Instrumnet Name :	P7
Client Sample ID :	ICV0	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 15:17:56	DataFile Name :	014ICV0_P7061418 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1095387	1108202	1103760	1102450	0.59	cps

LB Number : LB96029 Operator : Jaswal
 Lab Sample ID : LLICV0 Instrumnet Name : P7
 Client Sample ID : LLICV0 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-14 15:27:47 DataFile Name : 015LLIC_P7061418 MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1092	975	933	1000	8.21	cps
Antimony	121-1	10396	11188	10313	10632	4.55	cps
Arsenic	75-2	176	148	187	170	11.76	cps
Barium	135-1	12940	12998	12731	12890	1.09	cps
Barium	137-1	22402	22193	22995	22530	1.84	cps
Beryllium	9-1	1283	1328	1050	1220	12.23	cps
Bismuth	209-1	5576918	5549855	5506189	5544321	0.64	cps
Bismuth	209-2	3573748	3502411	3848646	3641602	5.02	cps
Boron	10-1	4276	4092	4284	4217	2.57	cps
Boron	11-1	18645	18395	19079	18707	1.85	cps
Cadmium	111-1	1831	2068	1948	1949	6.06	cps
Cadmium	106-1	1500	1834	1725	1686	10.08	cps
Cadmium	108-1	104	100	104	103	2.34	cps
Calcium	43-1	6977	6710	6477	6721	3.72	cps
Calcium	44-1	112073	114617	113819	113503	1.15	cps
Chromium	52-2	3427	3334	3357	3373	1.44	cps
Cobalt	59-2	2787	2567	2610	2655	4.39	cps
Copper	63-2	3987	3701	4084	3924	5.08	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	58	17	67	47	56.72	cps
Erbium	164-2	23	17	23	21	18.21	cps
Gadolinium	160-1	42	8	50	33	66.15	cps
Gadolinium	160-2	93	80	103	92	12.70	cps
Holmium	165-1	8316497	8250454	8189394	8252115	0.77	cps
Holmium	165-2	4932329	4837968	5287009	5019102	4.72	cps
Indium	115-1	6118621	6022090	6030654	6057122	0.88	cps
Indium	115-2	1483026	1448589	1586084	1505900	4.75	cps
Iron	56-2	70676	68945	71412	70344	1.80	cps
Iron	57-2	1806	1672	2061	1846	10.70	cps
Lead	206-1	4946	5218	4951	5038	3.09	cps
Lead	207-1	4573	4384	4584	4514	2.49	cps
Lead	208-1	19968	20507	20484	20320	1.50	cps
Lithium	6-1	1530002	1525469	1512983	1522818	0.58	cps
Magnesium	24-2	55947	55362	56423	55911	0.95	cps
Manganese	55-2	1100	867	1100	1022	13.18	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	LLICV0	Instrumnet Name :	P7
Client Sample ID :	LLICV0	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 15:27:47	DataFile Name :	015LLIC_P7061418 MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10421	9612	10312	10115	4.34	cps
Molybdenum	95-1	11647	11839	12372	11953	3.15	cps
Molybdenum	96-1	13015	13065	13540	13207	2.20	cps
Molybdenum	97-1	7736	7311	7569	7538	2.84	cps
Molybdenum	98-1	18788	19214	18671	18891	1.51	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	747	790	780	772	2.94	cps
Phosphorus	31-2	133	108	125	122	10.41	cps
Potassium	39-2	80225	78716	82094	80345	2.11	cps
Rhodium	103-1	5469121	5441004	5369289	5426471	0.95	cps
Rhodium	103-2	2871623	2818500	3081582	2923902	4.76	cps
Scandium	45-1	3621987	3592520	3571496	3595334	0.71	cps
Scandium	45-2	176851	175206	191028	181028	4.81	cps
Selenium	77-2	7	17	17	13	43.29	cps
Selenium	78-2	122	113	122	119	4.49	cps
Selenium	82-1	290	426	342	353	19.48	cps
Silicon	28-1	287346	288449	285573	287123	0.51	cps
Silver	109-1	5843	5826	6185	5952	3.40	cps
Silver	107-1	5526	6677	5851	6018	9.86	cps
Sodium	23-2	117231	113999	117608	116279	1.71	cps
Strontium	86-1	1892	1909	2075	1959	5.18	cps
Strontium	88-1	13273	13398	13932	13535	2.59	cps
Sulfur	34-1	191584	193753	190283	191873	0.91	cps
Terbium	159-1	8608596	8483990	8479463	8524017	0.86	cps
Terbium	159-2	4853220	4754372	5208100	4938564	4.83	cps
Thallium	203-1	5501	5543	5810	5618	2.98	cps
Thallium	205-1	13649	13574	13558	13594	0.36	cps
Tin	118-1	20641	20357	21050	20683	1.68	cps
Titanium	47-1	3567	3251	3217	3345	5.78	cps
Uranium	238-1	18839	20008	19198	19349	3.09	cps
Vanadium	51-2	6201	6415	6472	6363	2.24	cps
Yttrium	89-1	6222451	6174255	6156439	6184382	0.55	cps
Yttrium	89-2	1066285	1048582	1146642	1087170	4.81	cps
Zinc	66-2	780	733	780	764	3.52	cps
Zirconium	90-1	9345	8578	9212	9045	4.53	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	LLICV0	Instrumnet Name :	P7
Client Sample ID :	LLICV0	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 15:27:47	DataFile Name :	015LLIC_P7061418 MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2167	2017	1875	2020	7.22	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	ICB0	Instrumnet Name :	P7
Client Sample ID :	ICB0	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 15:32:16	DataFile Name :	016CCBE_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	33	67	47	36.74	cps
Antimony	121-1	308	333	500	381	27.38	cps
Arsenic	75-2	9	4	4	6	57.80	cps
Barium	135-1	42	75	67	61	28.38	cps
Barium	137-1	167	108	42	106	59.25	cps
Beryllium	9-1	344	350	283	326	11.35	cps
Bismuth	209-1	6199156	6184862	6213972	6199330	0.23	cps
Bismuth	209-2	3716883	3748357	3895739	3786993	2.52	cps
Boron	10-1	1367	1483	1417	1422	4.11	cps
Boron	11-1	6435	6218	6585	6413	2.88	cps
Cadmium	111-1	946	875	876	899	4.51	cps
Cadmium	106-1	1892	1717	1759	1789	5.11	cps
Cadmium	108-1	13	13	17	14	17.33	cps
Calcium	43-1	92	58	83	78	22.30	cps
Calcium	44-1	3834	3784	4092	3903	4.24	cps
Chromium	52-2	220	220	273	238	12.95	cps
Cobalt	59-2	120	107	100	109	9.35	cps
Copper	63-2	540	557	613	570	6.74	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	25	100	25	50	86.61	cps
Erbium	164-2	3	10	20	11	75.52	cps
Gadolinium	160-1	42	25	42	36	26.65	cps
Gadolinium	160-2	80	100	127	102	22.91	cps
Holmium	165-1	9315068	9291324	9304899	9303763	0.13	cps
Holmium	165-2	5153128	5175712	5358450	5229097	2.15	cps
Indium	115-1	6836634	6855070	6833995	6841900	0.17	cps
Indium	115-2	1552905	1570576	1622084	1581855	2.27	cps
Iron	56-2	5673	5557	5735	5655	1.60	cps
Iron	57-2	306	317	406	343	16.00	cps
Lead	206-1	539	500	511	517	3.88	cps
Lead	207-1	506	478	544	509	6.58	cps
Lead	208-1	2072	2050	2250	2124	5.16	cps
Lithium	6-1	1699224	1689618	1698624	1695822	0.32	cps
Magnesium	24-2	817	925	858	867	6.31	cps
Manganese	55-2	43	63	57	54	18.71	cps

LB Number : LB96029 Operator : Jaswal
 Lab Sample ID : ICB0 Instrumnet Name : P7
 Client Sample ID : ICB0 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-14 15:32:16 DataFile Name : 016CCBE_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	300	225	358	294	22.70	cps
Molybdenum	95-1	133	100	133	122	15.75	cps
Molybdenum	96-1	167	150	250	189	28.36	cps
Molybdenum	97-1	100	125	75	100	25.00	cps
Molybdenum	98-1	225	217	133	192	26.45	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	77	63	77	72	10.66	cps
Phosphorus	31-2	83	150	108	114	29.57	cps
Potassium	39-2	22125	22893	22802	22607	1.86	cps
Rhodium	103-1	6143564	6134730	6144810	6141035	0.09	cps
Rhodium	103-2	3018321	3022689	3141693	3060901	2.29	cps
Scandium	45-1	4094084	4079721	4093000	4088935	0.20	cps
Scandium	45-2	188160	186693	195116	189990	2.37	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	67	43	52	54	22.62	cps
Selenium	82-1	16	24	-18	7	308.55	cps
Silicon	28-1	253243	249466	248856	250522	0.95	cps
Silver	109-1	208	117	225	183	31.82	cps
Silver	107-1	117	192	158	156	24.16	cps
Sodium	23-2	10496	10721	10979	10732	2.26	cps
Strontium	86-1	358	450	383	397	11.93	cps
Strontium	88-1	183	158	233	192	19.93	cps
Sulfur	34-1	201926	203453	202990	202790	0.39	cps
Terbium	159-1	9581595	9604179	9651138	9612304	0.37	cps
Terbium	159-2	5064455	5073452	5299510	5145806	2.59	cps
Thallium	203-1	242	167	192	200	19.09	cps
Thallium	205-1	508	592	617	572	9.91	cps
Tin	118-1	908	808	875	864	5.89	cps
Titanium	47-1	183	83	58	108	61.05	cps
Uranium	238-1	158	267	133	186	38.08	cps
Vanadium	51-2	3	7	20	10	88.20	cps
Yttrium	89-1	6973341	7038509	6982331	6998060	0.50	cps
Yttrium	89-2	1123097	1126270	1164803	1138056	2.04	cps
Zinc	66-2	247	240	250	246	2.07	cps
Zirconium	90-1	592	608	758	653	14.06	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	ICB0	Instrumnet Name :	P7
Client Sample ID :	ICB0	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 15:32:16	DataFile Name :	016CCBE_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	83	167	133	128	32.83	cps

LB Number : LB96029 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-14 15:35:51 DataFile Name : 017ICSA01_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4967272	4962648	4953967	4961296	0.14	cps
Antimony	121-1	7711	7811	8128	7883	2.76	cps
Arsenic	75-2	83	102	54	80	30.50	cps
Barium	135-1	2150	2192	2467	2270	7.58	cps
Barium	137-1	3917	4359	3834	4037	6.99	cps
Beryllium	9-1	583	506	650	580	12.47	cps
Bismuth	209-1	5938610	5996112	5997895	5977539	0.56	cps
Bismuth	209-2	3600699	3795156	3578875	3658243	3.25	cps
Boron	10-1	1283	1350	1450	1361	6.16	cps
Boron	11-1	6368	6802	7060	6743	5.18	cps
Cadmium	111-1	1484	1354	1482	1440	5.15	cps
Cadmium	106-1	1967	2034	1900	1967	3.39	cps
Cadmium	108-1	904	917	800	874	7.33	cps
Calcium	43-1	1560379	1553534	1556362	1556759	0.22	cps
Calcium	44-1	25451681	25573026	25632059	25552256	0.36	cps
Chromium	52-2	32453	32209	32426	32362	0.41	cps
Cobalt	59-2	3047	3194	3284	3175	3.76	cps
Copper	63-2	14387	14654	14574	14538	0.94	cps
Dysprosium	156-1	17	50	42	36	48.03	cps
Dysprosium	156-2	10	13	17	13	25.01	cps
Erbium	164-1	58	92	50	67	33.07	cps
Erbium	164-2	20	30	40	30	33.33	cps
Gadolinium	160-1	42	83	50	58	37.80	cps
Gadolinium	160-2	137	130	133	133	2.50	cps
Holmium	165-1	9332819	9431581	9490472	9418291	0.85	cps
Holmium	165-2	5265771	5583414	5242750	5363978	3.55	cps
Indium	115-1	6596106	6666353	6649304	6637254	0.55	cps
Indium	115-2	1511688	1592177	1509391	1537752	3.07	cps
Iron	56-2	135698595	135812556	135985509	135832220	0.11	cps
Iron	57-2	3331121	3363379	3351620	3348707	0.49	cps
Lead	206-1	24189	23588	24328	24035	1.64	cps
Lead	207-1	18919	18463	18419	18600	1.49	cps
Lead	208-1	89813	88327	88934	89024	0.84	cps
Lithium	6-1	1604360	1602384	1608817	1605187	0.21	cps
Magnesium	24-2	11904766	11915629	11935695	11918697	0.13	cps
Manganese	55-2	7429	7782	7675	7629	2.38	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 15:35:51	DataFile Name :	017ICSA01_P7061418.M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3042054	3053827	3056220	3050701	0.25	cps
Molybdenum	95-1	5500765	5480766	5521274	5500935	0.37	cps
Molybdenum	96-1	5733798	5753307	5723662	5736922	0.26	cps
Molybdenum	97-1	3361452	3353013	3390817	3368428	0.59	cps
Molybdenum	98-1	8642131	8690066	8726210	8686136	0.49	cps
Neodymium	150-1	13	33	47	31	53.94	cps
Neodymium	150-2	10	20	13	14	35.26	cps
Nickel	60-2	3697	3794	3771	3754	1.34	cps
Phosphorus	31-2	263285	262079	263097	262820	0.25	cps
Potassium	39-2	12551086	12522185	12515475	12529582	0.15	cps
Rhodium	103-1	5735691	5756408	5793001	5761700	0.50	cps
Rhodium	103-2	2855918	3010523	2851566	2906002	3.12	cps
Scandium	45-1	3895532	3930984	3943689	3923402	0.64	cps
Scandium	45-2	185063	193195	185401	187886	2.45	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	44	43	46	44	4.17	cps
Selenium	82-1	51	-1	45	32	90.39	cps
Silicon	28-1	319583	322383	317259	319741	0.80	cps
Silver	109-1	833	783	933	850	8.99	cps
Silver	107-1	800	967	875	881	9.48	cps
Sodium	23-2	22216855	22252908	22406868	22292210	0.45	cps
Strontium	86-1	60353	60520	61415	60763	0.94	cps
Strontium	88-1	533611	531048	532000	532220	0.24	cps
Sulfur	34-1	2388424	2377002	2381176	2382201	0.24	cps
Terbium	159-1	9585307	9682418	9713560	9660429	0.69	cps
Terbium	159-2	5193296	5416788	5162903	5257662	2.64	cps
Thallium	203-1	817	875	900	864	4.95	cps
Thallium	205-1	2134	2167	2350	2217	5.26	cps
Tin	118-1	1408	1475	1400	1428	2.88	cps
Titanium	47-1	1455957	1459262	1464111	1459776	0.28	cps
Uranium	238-1	483	508	492	494	2.57	cps
Vanadium	51-2	197	267	280	248	18.07	cps
Yttrium	89-1	6858854	6924676	6948221	6910584	0.67	cps
Yttrium	89-2	1116696	1177917	1105599	1133404	3.44	cps
Zinc	66-2	3187	3130	3260	3193	2.04	cps
Zirconium	90-1	942	925	875	914	3.80	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 15:35:51	DataFile Name :	017ICSA01_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	192	200	217	203	6.28	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 15:49:36	DataFile Name :	020ICSB_P7061418 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4762521	4671876	4715882	4716760	0.96	cps
Antimony	121-1	116682	119151	117849	117894	1.05	cps
Arsenic	75-2	3771	3600	3613	3662	2.59	cps
Barium	135-1	30819	30334	31678	30944	2.20	cps
Barium	137-1	54733	53956	53563	54084	1.10	cps
Beryllium	9-1	20064	20264	19947	20091	0.80	cps
Bismuth	209-1	5670643	5758758	5835430	5754944	1.43	cps
Bismuth	209-2	3550646	3552966	3586815	3563476	0.57	cps
Boron	10-1	7427	7294	7519	7413	1.53	cps
Boron	11-1	33179	34724	33797	33900	2.29	cps
Cadmium	111-1	25415	25343	26162	25640	1.77	cps
Cadmium	106-1	4926	5059	5601	5196	6.88	cps
Cadmium	108-1	2796	2888	2713	2799	3.13	cps
Calcium	43-1	1494142	1511752	1511952	1505949	0.68	cps
Calcium	44-1	24516196	24805554	24822262	24714671	0.70	cps
Chromium	52-2	62776	62515	62917	62736	0.33	cps
Cobalt	59-2	52480	51206	52313	52000	1.33	cps
Copper	63-2	47684	47845	48076	47868	0.41	cps
Dysprosium	156-1	0	33	25	19	89.21	cps
Dysprosium	156-2	17	13	20	17	20.01	cps
Erbium	164-1	58	33	42	44	28.65	cps
Erbium	164-2	30	33	17	27	33.06	cps
Gadolinium	160-1	42	75	33	50	44.10	cps
Gadolinium	160-2	90	130	120	113	18.37	cps
Holmium	165-1	8975525	9132750	9291423	9133233	1.73	cps
Holmium	165-2	5238583	5184189	5248786	5223853	0.66	cps
Indium	115-1	6357578	6449792	6538002	6448458	1.40	cps
Indium	115-2	1508373	1486084	1527045	1507167	1.36	cps
Iron	56-2	129740747	128934700	129522533	129399327	0.32	cps
Iron	57-2	3166855	3155687	3152609	3158384	0.24	cps
Lead	206-1	120098	120496	120682	120425	0.25	cps
Lead	207-1	98513	98575	97249	98112	0.76	cps
Lead	208-1	458982	461061	458259	459434	0.32	cps
Lithium	6-1	1542670	1559897	1570704	1557757	0.91	cps
Magnesium	24-2	11392595	11258865	11420564	11357341	0.76	cps
Manganese	55-2	26581	25639	25719	25980	2.01	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 15:49:36	DataFile Name :	020ICSB_P7061418 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3166127	3180079	3207547	3184585	0.66	cps
Molybdenum	95-1	5362356	5391550	5417674	5390526	0.51	cps
Molybdenum	96-1	5680217	5754705	5690674	5708532	0.71	cps
Molybdenum	97-1	3296700	3319439	3287814	3301318	0.49	cps
Molybdenum	98-1	8491056	8565882	8512980	8523306	0.45	cps
Neodymium	150-1	13	27	13	18	43.33	cps
Neodymium	150-2	20	10	0	10	100.00	cps
Nickel	60-2	16843	16426	16079	16449	2.33	cps
Phosphorus	31-2	251799	249512	249741	250351	0.50	cps
Potassium	39-2	12028297	11922058	12026353	11992236	0.51	cps
Rhodium	103-1	5527311	5614331	5711345	5617662	1.64	cps
Rhodium	103-2	2861059	2847118	2875325	2861167	0.49	cps
Scandium	45-1	3780781	3854425	3923962	3853056	1.86	cps
Scandium	45-2	184898	183937	186282	185039	0.64	cps
Selenium	77-2	73	83	117	91	24.90	cps
Selenium	78-2	326	344	387	352	8.89	cps
Selenium	82-1	1512	1493	1487	1497	0.85	cps
Silicon	28-1	501728	501635	505072	502812	0.39	cps
Silver	109-1	111690	115821	115536	114349	2.02	cps
Silver	107-1	119315	120836	120450	120200	0.66	cps
Sodium	23-2	21195907	21126445	21262639	21194997	0.32	cps
Strontium	86-1	150085	151054	149916	150352	0.41	cps
Strontium	88-1	1318738	1339577	1329261	1329192	0.78	cps
Sulfur	34-1	2325780	2334482	2347249	2335837	0.46	cps
Terbium	159-1	9183602	9378555	9498769	9353642	1.70	cps
Terbium	159-2	5149161	5095903	5170127	5138397	0.74	cps
Thallium	203-1	120576	120937	119087	120200	0.82	cps
Thallium	205-1	288518	284964	290766	288083	1.02	cps
Tin	118-1	239244	241846	239642	240244	0.58	cps
Titanium	47-1	1437993	1442975	1452814	1444594	0.52	cps
Uranium	238-1	1154882	1161439	1155111	1157144	0.32	cps
Vanadium	51-2	25896	26147	26284	26109	0.75	cps
Yttrium	89-1	6640453	6750742	6858439	6749878	1.61	cps
Yttrium	89-2	1115574	1103766	1120311	1113217	0.77	cps
Zinc	66-2	8309	8062	8112	8161	1.60	cps
Zirconium	90-1	495544	491851	499039	495478	0.73	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 15:49:36	DataFile Name :	020ICSB_P7061418 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	108408	110861	112313	110527	1.79	cps

LB Number : LB96029 Operator : Jaswal
 Lab Sample ID : CCV18 Instrumnet Name : P7
 Client Sample ID : CCV18 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-14 15:53:09 DataFile Name : 021CCV_P7061418 MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2696721	2697053	2685631	2693135	0.24	cps
Antimony	121-1	2911985	2883655	2904023	2899888	0.50	cps
Arsenic	75-2	94644	94936	93675	94418	0.70	cps
Barium	135-1	3824909	3774701	3771534	3790381	0.79	cps
Barium	137-1	6641984	6607449	6587553	6612328	0.42	cps
Beryllium	9-1	515669	512731	520213	516205	0.73	cps
Bismuth	209-1	5681597	5629930	5608137	5639888	0.67	cps
Bismuth	209-2	3419865	3460401	3453472	3444579	0.63	cps
Boron	10-1	51882	53437	53863	53060	1.97	cps
Boron	11-1	231560	239465	245663	238896	2.96	cps
Cadmium	111-1	609766	610984	602685	607812	0.74	cps
Cadmium	106-1	68751	68852	67419	68341	1.17	cps
Cadmium	108-1	46096	45632	45594	45774	0.61	cps
Calcium	43-1	4120935	4141442	4128650	4130342	0.25	cps
Calcium	44-1	66683508	66895168	66873464	66817380	0.17	cps
Chromium	52-2	845230	841845	840640	842572	0.28	cps
Cobalt	59-2	1255688	1265580	1254089	1258452	0.49	cps
Copper	63-2	1728862	1738674	1726401	1731313	0.38	cps
Dysprosium	156-1	100	50	75	75	33.33	cps
Dysprosium	156-2	77	60	57	64	16.63	cps
Erbium	164-1	67	33	33	44	43.31	cps
Erbium	164-2	30	13	33	26	41.94	cps
Gadolinium	160-1	33	58	67	53	32.88	cps
Gadolinium	160-2	130	147	67	114	36.88	cps
Holmium	165-1	9192303	9079081	9131013	9134132	0.62	cps
Holmium	165-2	5134013	5174582	5174791	5161129	0.46	cps
Indium	115-1	6400906	6322922	6363386	6362404	0.61	cps
Indium	115-2	1462645	1476886	1469685	1469738	0.48	cps
Iron	56-2	167371893	168542659	167423404	167779319	0.39	cps
Iron	57-2	4143442	4193642	4153501	4163528	0.64	cps
Lead	206-1	2489380	2476590	2477162	2481044	0.29	cps
Lead	207-1	2214321	2193797	2187094	2198404	0.65	cps
Lead	208-1	10097557	10033745	10011131	10047478	0.45	cps
Lithium	6-1	1568766	1570239	1574807	1571270	0.20	cps
Magnesium	24-2	30376867	30517997	30276210	30390358	0.40	cps
Manganese	55-2	968624	975589	963146	969120	0.64	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P7
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 15:53:09	DataFile Name :	021CCV_P7061418 MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5741557	5653054	5650122	5681577	0.91	cps
Molybdenum	95-1	6955827	6900417	6884369	6913538	0.54	cps
Molybdenum	96-1	7628245	7592856	7572040	7597714	0.37	cps
Molybdenum	97-1	4306863	4283121	4252029	4280671	0.64	cps
Molybdenum	98-1	11127588	11028221	10978909	11044906	0.69	cps
Neodymium	150-1	287	247	267	267	7.50	cps
Neodymium	150-2	57	43	30	43	30.77	cps
Nickel	60-2	328019	330492	327107	328539	0.53	cps
Phosphorus	31-2	27526	27785	27576	27629	0.50	cps
Potassium	39-2	15856717	15810639	15802469	15823275	0.18	cps
Rhodium	103-1	5558814	5478396	5460648	5499286	0.95	cps
Rhodium	103-2	2765832	2777742	2760510	2768028	0.32	cps
Scandium	45-1	3889346	3892332	3875088	3885589	0.24	cps
Scandium	45-2	185326	185387	185199	185304	0.05	cps
Selenium	77-2	2084	2010	1920	2005	4.08	cps
Selenium	78-2	6620	6635	6676	6644	0.43	cps
Selenium	82-1	37887	38260	37999	38049	0.50	cps
Silicon	28-1	2126702	2180842	2214436	2173993	2.04	cps
Silver	109-1	3010647	3001273	2998508	3003476	0.21	cps
Silver	107-1	3178318	3130987	3132385	3147230	0.86	cps
Sodium	23-2	55897097	56267414	55765274	55976595	0.47	cps
Strontium	86-1	884055	889921	884615	886197	0.37	cps
Strontium	88-1	7905962	7889865	7905156	7900328	0.11	cps
Sulfur	34-1	421527	425167	423236	423310	0.43	cps
Terbium	159-1	9405798	9326998	9330752	9354516	0.48	cps
Terbium	159-2	5045622	5073318	5034791	5051243	0.39	cps
Thallium	203-1	3065663	3044298	3042826	3050929	0.42	cps
Thallium	205-1	7435282	7365137	7344913	7381777	0.64	cps
Tin	118-1	2183879	2161339	2176444	2173888	0.53	cps
Titanium	47-1	1865159	1841904	1841852	1849638	0.73	cps
Uranium	238-1	11010217	10953057	11025070	10996115	0.35	cps
Vanadium	51-2	695204	698612	693984	695933	0.34	cps
Yttrium	89-1	6774986	6710557	6705686	6730410	0.57	cps
Yttrium	89-2	1096695	1106168	1104366	1102410	0.46	cps
Zinc	66-2	239928	243645	241689	241754	0.77	cps
Zirconium	90-1	4767412	4767892	4717672	4750992	0.61	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P7
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 15:53:09	DataFile Name :	021CCV_P7061418 MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1047150	1043697	1037509	1042786	0.47	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	LLCCV1	Instrumnet Name :	P7
Client Sample ID :	LLCCV1	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 15:56:44	DataFile Name :	022LLCC_P7061418 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1192	1283	1233	1236	3.71	cps
Antimony	121-1	13824	13916	13382	13707	2.08	cps
Arsenic	75-2	191	196	219	202	7.28	cps
Barium	135-1	14533	15009	14717	14753	1.63	cps
Barium	137-1	26977	25332	25691	26000	3.33	cps
Beryllium	9-1	1700	1611	1506	1606	6.06	cps
Bismuth	209-1	6290290	6276106	6324278	6296892	0.39	cps
Bismuth	209-2	3792032	3775868	3811182	3793027	0.47	cps
Boron	10-1	5276	5143	4601	5007	7.14	cps
Boron	11-1	23302	22718	22100	22707	2.65	cps
Cadmium	111-1	2183	2329	2337	2283	3.80	cps
Cadmium	106-1	1959	1992	2134	2028	4.58	cps
Cadmium	108-1	108	108	108	108	0.00	cps
Calcium	43-1	8436	8428	8028	8297	2.81	cps
Calcium	44-1	136416	137703	133514	135878	1.58	cps
Chromium	52-2	3781	3487	3591	3619	4.11	cps
Cobalt	59-2	2717	2700	2714	2710	0.33	cps
Copper	63-2	4484	4404	4407	4432	1.02	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	25	75	33	44	60.28	cps
Erbium	164-2	30	17	10	19	53.91	cps
Gadolinium	160-1	25	50	17	31	56.77	cps
Gadolinium	160-2	100	140	90	110	24.05	cps
Holmium	165-1	9388008	9409238	9447579	9414942	0.32	cps
Holmium	165-2	5213676	5269077	5276846	5253199	0.66	cps
Indium	115-1	6889751	6890700	6918031	6899494	0.23	cps
Indium	115-2	1553746	1573545	1566601	1564631	0.64	cps
Iron	56-2	87398	86051	85923	86457	0.94	cps
Iron	57-2	2306	2378	2406	2363	2.18	cps
Lead	206-1	5824	5968	6174	5989	2.94	cps
Lead	207-1	5368	5235	4912	5172	4.53	cps
Lead	208-1	24198	23826	23726	23917	1.04	cps
Lithium	6-1	1673372	1670162	1666694	1670076	0.20	cps
Magnesium	24-2	62180	61745	61076	61667	0.90	cps
Manganese	55-2	1210	1117	1150	1159	4.08	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	LLCCV1	Instrumnet Name :	P7
Client Sample ID :	LLCCV1	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 15:56:44	DataFile Name :	022LLCC_P7061418 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12423	12214	12122	12253	1.26	cps
Molybdenum	95-1	15058	13882	13899	14280	4.72	cps
Molybdenum	96-1	16310	15376	16368	16018	3.48	cps
Molybdenum	97-1	9087	8912	8736	8911	1.96	cps
Molybdenum	98-1	23178	23362	23362	23300	0.46	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	777	770	910	819	9.64	cps
Phosphorus	31-2	142	92	150	128	24.69	cps
Potassium	39-2	85923	88463	85220	86535	1.97	cps
Rhodium	103-1	6104402	6172525	6161808	6146245	0.60	cps
Rhodium	103-2	3048316	3065529	3063756	3059200	0.31	cps
Scandium	45-1	4042644	4057536	4046863	4049015	0.19	cps
Scandium	45-2	189609	189394	189958	189654	0.15	cps
Selenium	77-2	20	23	10	18	39.03	cps
Selenium	78-2	148	137	126	137	8.11	cps
Selenium	82-1	449	402	415	422	5.68	cps
Silicon	28-1	301343	300924	300124	300797	0.21	cps
Silver	109-1	7052	7252	7135	7147	1.41	cps
Silver	107-1	7311	6894	7536	7247	4.50	cps
Sodium	23-2	133740	134498	132076	133438	0.93	cps
Strontium	86-1	2159	2425	2484	2356	7.36	cps
Strontium	88-1	16260	16610	16393	16421	1.08	cps
Sulfur	34-1	197780	199216	197292	198096	0.50	cps
Terbium	159-1	9677309	9708540	9764326	9716725	0.45	cps
Terbium	159-2	5144773	5160001	5181823	5162199	0.36	cps
Thallium	203-1	7527	7144	7236	7302	2.74	cps
Thallium	205-1	17170	17120	16961	17084	0.64	cps
Tin	118-1	24422	24388	24147	24319	0.62	cps
Titanium	47-1	4451	4059	3692	4067	9.33	cps
Uranium	238-1	23514	23489	22345	23116	2.89	cps
Vanadium	51-2	6932	7028	6895	6952	0.99	cps
Yttrium	89-1	7024739	7017248	7073831	7038606	0.44	cps
Yttrium	89-2	1131366	1137459	1141147	1136657	0.43	cps
Zinc	66-2	800	853	850	834	3.58	cps
Zirconium	90-1	10938	10713	10988	10880	1.35	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	LLCCV1	Instrumnet Name :	P7
Client Sample ID :	LLCCV1	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 15:56:44	DataFile Name :	022LLCC_P7061418 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2692	2484	2425	2534	5.53	cps

LB Number : LB96029 Operator : Jaswal
 Lab Sample ID : CCB18 Instrumnet Name : P7
 Client Sample ID : CCB18 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-14 16:00:17 DataFile Name : 023CCBE_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	75	92	106	37.31	cps
Antimony	121-1	783	733	733	750	3.85	cps
Arsenic	75-2	6	4	6	5	21.74	cps
Barium	135-1	92	100	58	83	26.46	cps
Barium	137-1	133	100	92	108	20.35	cps
Beryllium	9-1	328	344	300	324	6.93	cps
Bismuth	209-1	6223387	6236432	6246786	6235535	0.19	cps
Bismuth	209-2	3789866	3788986	3806515	3795122	0.26	cps
Boron	10-1	1667	1667	1850	1728	6.13	cps
Boron	11-1	7294	7335	7636	7422	2.51	cps
Cadmium	111-1	918	952	964	945	2.52	cps
Cadmium	106-1	1817	1900	1875	1864	2.29	cps
Cadmium	108-1	4	21	4	10	98.92	cps
Calcium	43-1	100	192	125	139	34.12	cps
Calcium	44-1	5093	4818	4326	4745	8.19	cps
Chromium	52-2	187	263	183	211	21.44	cps
Cobalt	59-2	73	67	87	76	13.48	cps
Copper	63-2	627	680	650	652	4.10	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	25	33	8	22	57.29	cps
Erbium	164-2	33	10	13	19	66.81	cps
Gadolinium	160-1	58	25	42	42	40.00	cps
Gadolinium	160-2	87	133	103	108	21.94	cps
Holmium	165-1	9286939	9312559	9378328	9325942	0.51	cps
Holmium	165-2	5193775	5233135	5235591	5220834	0.45	cps
Indium	115-1	6813921	6869440	6898215	6860526	0.62	cps
Indium	115-2	1567184	1578636	1562877	1569566	0.52	cps
Iron	56-2	10165	9787	9609	9854	2.88	cps
Iron	57-2	444	422	411	426	3.98	cps
Lead	206-1	672	656	572	633	8.46	cps
Lead	207-1	578	461	517	519	11.26	cps
Lead	208-1	2406	2411	2406	2408	0.13	cps
Lithium	6-1	1657220	1660807	1670579	1662869	0.42	cps
Magnesium	24-2	1392	1167	1092	1217	12.83	cps
Manganese	55-2	73	47	90	70	31.22	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P7
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 16:00:17	DataFile Name :	023CCBE_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	317	333	425	358	16.28	cps
Molybdenum	95-1	233	292	300	275	13.21	cps
Molybdenum	96-1	392	300	342	344	13.32	cps
Molybdenum	97-1	208	167	242	206	18.28	cps
Molybdenum	98-1	533	408	508	483	13.69	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	63	93	97	84	21.75	cps
Phosphorus	31-2	117	67	58	81	39.16	cps
Potassium	39-2	23210	22827	22768	22935	1.05	cps
Rhodium	103-1	6049155	6112963	6166779	6109633	0.96	cps
Rhodium	103-2	3033703	3056253	3059129	3049695	0.46	cps
Scandium	45-1	4013202	4020094	4028014	4020436	0.18	cps
Scandium	45-2	188590	189211	188425	188742	0.22	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	54	54	48	52	6.18	cps
Selenium	82-1	-9	-48	9	-16	-182.45	cps
Silicon	28-1	246983	247476	248155	247538	0.24	cps
Silver	109-1	258	333	275	289	13.63	cps
Silver	107-1	208	242	217	222	7.81	cps
Sodium	23-2	15083	15384	15450	15306	1.28	cps
Strontium	86-1	458	450	475	461	2.76	cps
Strontium	88-1	208	225	100	178	38.18	cps
Sulfur	34-1	200627	201293	200296	200739	0.25	cps
Terbium	159-1	9582740	9626116	9711264	9640040	0.68	cps
Terbium	159-2	5130516	5159170	5165090	5151592	0.36	cps
Thallium	203-1	333	317	317	322	2.98	cps
Thallium	205-1	925	1050	1083	1020	8.19	cps
Tin	118-1	892	808	875	858	5.14	cps
Titanium	47-1	133	133	117	128	7.53	cps
Uranium	238-1	150	158	233	181	25.42	cps
Vanadium	51-2	10	13	17	13	25.01	cps
Yttrium	89-1	6975496	6982641	7014307	6990814	0.30	cps
Yttrium	89-2	1125175	1135530	1130861	1130522	0.46	cps
Zinc	66-2	267	223	257	249	9.12	cps
Zirconium	90-1	667	783	658	703	9.94	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P7
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 16:00:17	DataFile Name :	023CCBE_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	175	167	172	2.80	cps

LB Number : LB96029 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P7
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2018-06-14 16:03:50 DataFile Name : 024LLIC_P7061418 MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1208	1150	1225	1195	3.30	cps
Antimony	121-1	11806	11855	11680	11780	0.77	cps
Arsenic	75-2	200	220	174	198	11.71	cps
Barium	135-1	14525	14433	14091	14350	1.59	cps
Barium	137-1	25482	26008	25265	25585	1.49	cps
Beryllium	9-1	1417	1372	1289	1359	4.77	cps
Bismuth	209-1	6220256	6251597	6197528	6223127	0.44	cps
Bismuth	209-2	3775849	3799563	3830586	3801999	0.72	cps
Boron	10-1	3742	3701	4192	3878	7.03	cps
Boron	11-1	16860	17444	16768	17024	2.15	cps
Cadmium	111-1	2426	2134	2230	2264	6.59	cps
Cadmium	106-1	1992	1750	2067	1936	8.55	cps
Cadmium	108-1	88	113	100	100	12.50	cps
Calcium	43-1	7986	7911	8169	8022	1.66	cps
Calcium	44-1	132061	131388	129077	130842	1.20	cps
Chromium	52-2	3871	3654	3727	3751	2.94	cps
Cobalt	59-2	2820	2750	2694	2755	2.30	cps
Copper	63-2	4137	4304	4091	4177	2.69	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	0	0	10	3	173.21	cps
Erbium	164-1	75	42	50	56	31.22	cps
Erbium	164-2	20	33	7	20	66.65	cps
Gadolinium	160-1	8	25	17	17	50.01	cps
Gadolinium	160-2	93	93	100	96	4.02	cps
Holmium	165-1	9309115	9378109	9387908	9358377	0.46	cps
Holmium	165-2	5263188	5284710	5299242	5282380	0.34	cps
Indium	115-1	6861973	6912146	6903088	6892402	0.39	cps
Indium	115-2	1571367	1581036	1591111	1581171	0.62	cps
Iron	56-2	76197	74449	75811	75486	1.22	cps
Iron	57-2	2095	2128	2122	2115	0.84	cps
Lead	206-1	5746	5490	5701	5646	2.42	cps
Lead	207-1	5018	5073	4879	4990	2.01	cps
Lead	208-1	22386	22069	22252	22236	0.72	cps
Lithium	6-1	1666037	1666602	1672038	1668226	0.20	cps
Magnesium	24-2	59703	61812	61619	61045	1.91	cps
Manganese	55-2	1100	1133	1110	1115	1.54	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 16:03:50	DataFile Name :	024LLIC_P7061418 MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11213	11480	11589	11427	1.69	cps
Molybdenum	95-1	13207	13048	13615	13290	2.20	cps
Molybdenum	96-1	15042	14791	15067	14967	1.02	cps
Molybdenum	97-1	8536	8144	8778	8486	3.77	cps
Molybdenum	98-1	22452	22176	22218	22282	0.67	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	830	937	783	850	9.25	cps
Phosphorus	31-2	208	83	158	150	41.94	cps
Potassium	39-2	84591	85698	83988	84759	1.02	cps
Rhodium	103-1	6102803	6176298	6123509	6134203	0.62	cps
Rhodium	103-2	3087046	3095607	3100563	3094405	0.22	cps
Scandium	45-1	4035186	4056047	4058150	4049795	0.31	cps
Scandium	45-2	188435	191895	193360	191230	1.32	cps
Selenium	77-2	20	10	23	18	39.03	cps
Selenium	78-2	135	150	117	134	12.47	cps
Selenium	82-1	381	430	357	389	9.62	cps
Silicon	28-1	295814	294557	295652	295341	0.23	cps
Silver	109-1	6869	6243	6710	6607	4.92	cps
Silver	107-1	7060	7411	7069	7180	2.78	cps
Sodium	23-2	125110	126976	123883	125323	1.24	cps
Strontium	86-1	2200	2109	2500	2270	9.03	cps
Strontium	88-1	16051	15918	15868	15946	0.60	cps
Sulfur	34-1	207104	207231	203394	205910	1.06	cps
Terbium	159-1	9622385	9688904	9640317	9650535	0.36	cps
Terbium	159-2	5161595	5189205	5218328	5189709	0.55	cps
Thallium	203-1	6552	6685	6427	6555	1.97	cps
Thallium	205-1	15601	14892	14967	15154	2.57	cps
Tin	118-1	23462	23646	23412	23507	0.52	cps
Titanium	47-1	3751	3884	3709	3781	2.42	cps
Uranium	238-1	21769	20909	22337	21672	3.32	cps
Vanadium	51-2	6618	6828	6788	6745	1.65	cps
Yttrium	89-1	6989652	7053761	7015658	7019690	0.46	cps
Yttrium	89-2	1134604	1145441	1145907	1141984	0.56	cps
Zinc	66-2	767	860	793	807	5.96	cps
Zirconium	90-1	10212	10696	10729	10546	2.74	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 16:03:50	DataFile Name :	024LLIC_P7061418 MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2275	2184	2442	2300	5.70	cps

LB Number : LB96029 Operator : Jaswal
 Lab Sample ID : PB110235BL Instrumnet Name : P7
 Client Sample ID : PB110235BL Dilution Factor : 1
 Date & Time Acquired :: 2018-06-14 16:10:00 DataFile Name : 025CCBE_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	25	42	44	47.19	cps
Antimony	121-1	158	292	283	244	30.56	cps
Arsenic	75-2	2	9	7	6	62.47	cps
Barium	135-1	8	33	8	17	86.62	cps
Barium	137-1	50	50	42	47	10.18	cps
Beryllium	9-1	261	244	256	254	3.35	cps
Bismuth	209-1	6205438	6169495	6196671	6190535	0.30	cps
Bismuth	209-2	3773335	3804180	3799071	3792195	0.44	cps
Boron	10-1	992	883	1025	967	7.66	cps
Boron	11-1	4217	4551	4276	4348	4.10	cps
Cadmium	111-1	910	851	926	896	4.40	cps
Cadmium	106-1	1809	1700	1825	1778	3.82	cps
Cadmium	108-1	4	4	4	4	0.00	cps
Calcium	43-1	100	158	100	119	28.20	cps
Calcium	44-1	3609	3909	3792	3770	4.01	cps
Chromium	52-2	183	213	203	200	7.64	cps
Cobalt	59-2	63	70	60	64	7.90	cps
Copper	63-2	470	517	450	479	7.14	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	17	58	25	33	66.14	cps
Erbium	164-2	10	10	3	8	49.52	cps
Gadolinium	160-1	33	25	8	22	57.29	cps
Gadolinium	160-2	90	67	77	78	15.05	cps
Holmium	165-1	9380292	9333317	9417387	9376999	0.45	cps
Holmium	165-2	5253751	5289763	5267086	5270200	0.35	cps
Indium	115-1	6902499	6870590	6880299	6884463	0.24	cps
Indium	115-2	1566404	1598483	1585612	1583500	1.02	cps
Iron	56-2	5390	5585	5296	5423	2.72	cps
Iron	57-2	294	328	406	343	16.64	cps
Lead	206-1	411	450	422	428	4.68	cps
Lead	207-1	406	344	456	402	13.85	cps
Lead	208-1	1711	1706	1861	1759	5.02	cps
Lithium	6-1	1676497	1677655	1678689	1677614	0.07	cps
Magnesium	24-2	817	783	692	764	8.47	cps
Manganese	55-2	50	50	40	47	12.37	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	PB110235BL	Instrumnet Name :	P7
Client Sample ID :	PB110235BL	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 16:10:00	DataFile Name :	025CCBE_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	225	250	258	244	7.10	cps
Molybdenum	95-1	33	58	75	56	37.75	cps
Molybdenum	96-1	75	92	150	106	37.31	cps
Molybdenum	97-1	67	50	50	56	17.32	cps
Molybdenum	98-1	167	108	108	128	26.36	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	60	67	63	63	5.27	cps
Phosphorus	31-2	133	192	92	139	36.17	cps
Potassium	39-2	22827	23720	22476	23008	2.79	cps
Rhodium	103-1	6183611	6150488	6167052	6167050	0.27	cps
Rhodium	103-2	3074551	3095572	3079759	3083294	0.36	cps
Scandium	45-1	4059190	4072485	4081066	4070914	0.27	cps
Scandium	45-2	190332	192219	192414	191655	0.60	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	72	48	57	59	20.49	cps
Selenium	82-1	-14	-9	25	1	3447.91	cps
Silicon	28-1	249474	253067	249552	250697	0.82	cps
Silver	109-1	133	83	175	131	35.15	cps
Silver	107-1	200	167	217	194	13.09	cps
Sodium	23-2	10888	11263	11697	11282	3.59	cps
Strontium	86-1	325	325	358	336	5.73	cps
Strontium	88-1	100	33	75	69	48.50	cps
Sulfur	34-1	212048	208969	213932	211650	1.18	cps
Terbium	159-1	9669937	9605362	9662894	9646064	0.37	cps
Terbium	159-2	5185472	5227955	5211840	5208423	0.41	cps
Thallium	203-1	242	250	225	239	5.33	cps
Thallium	205-1	592	425	442	486	18.88	cps
Tin	118-1	592	525	533	550	6.61	cps
Titanium	47-1	92	58	67	72	24.02	cps
Uranium	238-1	50	75	42	56	31.22	cps
Vanadium	51-2	10	0	0	3	173.21	cps
Yttrium	89-1	7062823	7011049	7047759	7040544	0.38	cps
Yttrium	89-2	1135483	1155420	1145023	1145309	0.87	cps
Zinc	66-2	207	187	240	211	12.76	cps
Zirconium	90-1	442	467	542	483	10.77	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	PB110235BL	Instrumnet Name :	P7
Client Sample ID :	PB110235BL	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 16:10:00	DataFile Name :	025CCBE_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	100	150	167	139	24.98	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	PB110235BS	Instrumnet Name :	P7
Client Sample ID :	PB110235BS	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 16:13:33	DataFile Name :	026LCS6_P7061418 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	525538	533943	533874	531118	0.91	cps
Antimony	121-1	3056652	2907294	2969035	2977660	2.52	cps
Arsenic	75-2	95600	95224	95706	95510	0.27	cps
Barium	135-1	3934687	3721824	3794649	3817054	2.83	cps
Barium	137-1	6833367	6525437	6599923	6652909	2.41	cps
Beryllium	9-1	546166	519009	522169	529114	2.81	cps
Bismuth	209-1	5962353	5781317	5862001	5868557	1.55	cps
Bismuth	209-2	3539301	3567306	3565867	3557491	0.44	cps
Boron	10-1	52818	51680	55796	53431	3.98	cps
Boron	11-1	240983	239592	248942	243172	2.07	cps
Cadmium	111-1	667408	635271	641708	648129	2.62	cps
Cadmium	106-1	74111	69873	69663	71216	3.52	cps
Cadmium	108-1	49319	47852	47270	48147	2.19	cps
Calcium	43-1	832449	790282	797876	806869	2.79	cps
Calcium	44-1	13684754	12988741	13194943	13289480	2.69	cps
Chromium	52-2	815261	819593	817441	817431	0.26	cps
Cobalt	59-2	1292993	1300397	1298433	1297274	0.30	cps
Copper	63-2	1806914	1819255	1822523	1816230	0.45	cps
Dysprosium	156-1	108	42	25	58	75.59	cps
Dysprosium	156-2	70	40	67	59	27.92	cps
Erbium	164-1	33	50	42	42	20.00	cps
Erbium	164-2	33	20	23	26	27.15	cps
Gadolinium	160-1	75	42	42	53	36.46	cps
Gadolinium	160-2	117	100	117	111	8.66	cps
Holmium	165-1	9315750	8949503	9058923	9108059	2.06	cps
Holmium	165-2	5107422	5130678	5112159	5116753	0.24	cps
Indium	115-1	6600905	6354015	6434957	6463292	1.95	cps
Indium	115-2	1474564	1474549	1479980	1476364	0.21	cps
Iron	56-2	34777910	34765324	34738600	34760611	0.06	cps
Iron	57-2	837936	839239	841261	839479	0.20	cps
Lead	206-1	2645027	2503837	2533053	2560639	2.91	cps
Lead	207-1	2323873	2216917	2240812	2260534	2.48	cps
Lead	208-1	10626453	10136092	10283371	10348638	2.43	cps
Lithium	6-1	1639689	1595168	1606949	1613935	1.43	cps
Magnesium	24-2	6120262	6194508	6157708	6157493	0.60	cps
Manganese	55-2	966898	968013	975128	970013	0.46	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	PB110235BS	Instrumnet Name :	P7
Client Sample ID :	PB110235BS	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 16:13:33	DataFile Name :	026LCS6_P7061418 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5791769	5599057	5625401	5672075	1.84	cps
Molybdenum	95-1	7193937	6871066	6931230	6998744	2.45	cps
Molybdenum	96-1	7934544	7484192	7620846	7679861	3.01	cps
Molybdenum	97-1	4474099	4232583	4274720	4327134	2.98	cps
Molybdenum	98-1	11562290	10958286	11091969	11204182	2.83	cps
Neodymium	150-1	240	273	240	251	7.67	cps
Neodymium	150-2	27	70	50	49	44.36	cps
Nickel	60-2	333648	336075	336318	335347	0.44	cps
Phosphorus	31-2	27009	27509	27359	27293	0.94	cps
Potassium	39-2	3203169	3228503	3231845	3221172	0.49	cps
Rhodium	103-1	5887124	5605329	5668248	5720234	2.59	cps
Rhodium	103-2	2839187	2856186	2846317	2847230	0.30	cps
Scandium	45-1	3939766	3795616	3828501	3854628	1.96	cps
Scandium	45-2	180224	181921	182988	181711	0.77	cps
Selenium	77-2	2027	2090	1954	2024	3.38	cps
Selenium	78-2	6868	6941	6735	6848	1.52	cps
Selenium	82-1	40966	39518	39556	40013	2.06	cps
Silicon	28-1	2290987	2239091	2272623	2267567	1.16	cps
Silver	109-1	3272161	3139513	3171892	3194522	2.16	cps
Silver	107-1	3431600	3266614	3312317	3336844	2.55	cps
Sodium	23-2	11438763	11536698	11533388	11502950	0.48	cps
Strontium	86-1	922642	885969	894928	901180	2.12	cps
Strontium	88-1	8211649	7885375	7978574	8025199	2.09	cps
Sulfur	34-1	437286	418745	419224	425085	2.49	cps
Terbium	159-1	9545568	9177650	9305110	9342776	2.00	cps
Terbium	159-2	4979422	5038852	5030204	5016159	0.64	cps
Thallium	203-1	3221553	3073034	3122336	3138974	2.41	cps
Thallium	205-1	7839057	7493282	7557937	7630092	2.41	cps
Tin	118-1	2408015	2277850	2326875	2337580	2.81	cps
Titanium	47-1	1913538	1828597	1846964	1863033	2.40	cps
Uranium	238-1	11478560	10962739	11215726	11219008	2.30	cps
Vanadium	51-2	692579	693072	695771	693807	0.25	cps
Yttrium	89-1	6871369	6648454	6687085	6735636	1.77	cps
Yttrium	89-2	1080200	1084493	1090226	1084973	0.46	cps
Zinc	66-2	255434	255358	255842	255545	0.10	cps
Zirconium	90-1	4969296	4723469	4746054	4812940	2.82	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	PB110235BS	Instrumnet Name :	P7
Client Sample ID :	PB110235BS	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 16:13:33	DataFile Name :	026LCS6_P7061418 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1087147	1034645	1035684	1052492	2.85	cps

LB Number : LB96029 Operator : Jaswal
 Lab Sample ID : J3477-01 Instrumnet Name : P7
 Client Sample ID : S36-0135 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-14 16:17:19 DataFile Name : 027SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1150	1158	1258	1189	5.07	cps
Antimony	121-1	23829	21501	20165	21832	8.49	cps
Arsenic	75-2	7993	7945	7745	7894	1.67	cps
Barium	135-1	4418	4809	5143	4790	7.58	cps
Barium	137-1	8069	8061	8478	8203	2.91	cps
Beryllium	9-1	378	278	383	346	17.15	cps
Bismuth	209-1	6204774	6340264	6023210	6189416	2.57	cps
Bismuth	209-2	3496082	3587742	3602661	3562162	1.62	cps
Boron	10-1	7194	7227	6935	7119	2.24	cps
Boron	11-1	34256	34173	33104	33844	1.90	cps
Cadmium	111-1	991	891	862	915	7.38	cps
Cadmium	106-1	1692	1600	1525	1606	5.20	cps
Cadmium	108-1	25	13	13	17	43.30	cps
Calcium	43-1	483204	479778	483063	482015	0.40	cps
Calcium	44-1	8003606	8013714	7970498	7995939	0.28	cps
Chromium	52-2	2590	2510	2497	2532	1.99	cps
Cobalt	59-2	323	307	283	304	6.60	cps
Copper	63-2	7212	7315	7742	7423	3.79	cps
Dysprosium	156-1	75	75	67	72	6.66	cps
Dysprosium	156-2	40	33	23	32	26.04	cps
Erbium	164-1	100	83	67	83	20.00	cps
Erbium	164-2	50	43	57	50	13.34	cps
Gadolinium	160-1	50	67	92	69	30.20	cps
Gadolinium	160-2	113	137	167	139	19.25	cps
Holmium	165-1	8585842	8927147	8389368	8634119	3.15	cps
Holmium	165-2	4613110	4724284	4806858	4714751	2.06	cps
Indium	115-1	6922157	7107380	6644998	6891512	3.38	cps
Indium	115-2	1412789	1445132	1460371	1439431	1.69	cps
Iron	56-2	139400	138009	138344	138584	0.52	cps
Iron	57-2	5429	5373	5107	5303	3.25	cps
Lead	206-1	4857	4518	4217	4531	7.06	cps
Lead	207-1	4051	4034	3473	3853	8.54	cps
Lead	208-1	19050	17872	16332	17752	7.68	cps
Lithium	6-1	1585307	1617402	1545984	1582898	2.26	cps
Magnesium	24-2	930883	919611	916755	922416	0.81	cps
Manganese	55-2	49961	48888	49323	49391	1.09	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-01	Instrumnet Name :	P7
Client Sample ID :	S36-0135	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 16:17:19	DataFile Name :	027SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2309	1967	1934	2070	10.03	cps
Molybdenum	95-1	2750	2534	2892	2725	6.62	cps
Molybdenum	96-1	2500	2725	3084	2770	10.62	cps
Molybdenum	97-1	1659	1742	1850	1750	5.49	cps
Molybdenum	98-1	3976	4318	3984	4092	4.76	cps
Neodymium	150-1	100	100	60	87	26.65	cps
Neodymium	150-2	33	47	37	39	17.85	cps
Nickel	60-2	1047	1033	943	1008	5.58	cps
Phosphorus	31-2	867	833	967	889	7.81	cps
Potassium	39-2	529491	523431	523961	525628	0.64	cps
Rhodium	103-1	5344024	5559030	5241680	5381578	3.01	cps
Rhodium	103-2	2556502	2660707	2706518	2641242	2.91	cps
Scandium	45-1	3404873	3548502	3291566	3414980	3.77	cps
Scandium	45-2	156278	161226	162984	160163	2.17	cps
Selenium	77-2	7	7	10	8	24.71	cps
Selenium	78-2	48	65	48	54	17.92	cps
Selenium	82-1	-6	11	0	2	412.83	cps
Silicon	28-1	13639609	13530594	13463883	13544695	0.65	cps
Silver	109-1	7711	6418	6443	6858	10.78	cps
Silver	107-1	7861	6910	6227	6999	11.73	cps
Sodium	23-2	9097461	8948655	8971215	9005777	0.89	cps
Strontium	86-1	284158	286094	288816	286356	0.82	cps
Strontium	88-1	2526778	2550822	2562579	2546726	0.72	cps
Sulfur	34-1	276477	272650	269384	272837	1.30	cps
Terbium	159-1	8766178	9159052	8654944	8860058	2.99	cps
Terbium	159-2	4492745	4666972	4748222	4635980	2.82	cps
Thallium	203-1	3517	1934	1742	2398	40.64	cps
Thallium	205-1	8878	5843	3784	6169	41.55	cps
Tin	118-1	15259	15893	15818	15657	2.21	cps
Titanium	47-1	1150	892	1317	1120	19.13	cps
Uranium	238-1	2509	2659	2742	2637	4.49	cps
Vanadium	51-2	573	670	670	638	8.75	cps
Yttrium	89-1	6240226	6488523	6119090	6282613	3.00	cps
Yttrium	89-2	947734	978187	992045	972655	2.33	cps
Zinc	66-2	9773	9597	9500	9623	1.44	cps
Zirconium	90-1	1417	1400	1317	1378	3.89	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-01	Instrumnet Name :	P7
Client Sample ID :	S36-0135	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 16:17:19	DataFile Name :	027SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	283	317	383	328	15.53	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-01DUP	Instrumnet Name :	P7
Client Sample ID :	S36-0135DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 16:20:52	DataFile Name :	028SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1133	1008	1183	1108	8.13	cps
Antimony	121-1	12273	12147	12698	12373	2.33	cps
Arsenic	75-2	7722	8202	7628	7851	3.92	cps
Barium	135-1	4318	4709	4618	4548	4.51	cps
Barium	137-1	7261	7994	7986	7747	5.44	cps
Beryllium	9-1	294	228	178	233	25.09	cps
Bismuth	209-1	5814316	5966345	5966958	5915873	1.49	cps
Bismuth	209-2	3481937	3545971	3557544	3528484	1.15	cps
Boron	10-1	5693	5885	6060	5879	3.12	cps
Boron	11-1	25881	26566	26916	26455	1.99	cps
Cadmium	111-1	875	952	801	876	8.63	cps
Cadmium	106-1	1592	1759	1442	1597	9.92	cps
Cadmium	108-1	0	21	17	13	88.19	cps
Calcium	43-1	454484	457052	456888	456141	0.32	cps
Calcium	44-1	7553016	7622159	7576537	7583904	0.46	cps
Chromium	52-2	2364	2310	2510	2395	4.33	cps
Cobalt	59-2	263	193	290	249	20.06	cps
Copper	63-2	20244	23462	26394	23367	13.16	cps
Dysprosium	156-1	75	117	75	89	27.07	cps
Dysprosium	156-2	37	43	40	40	8.32	cps
Erbium	164-1	133	150	100	128	19.92	cps
Erbium	164-2	63	80	73	72	11.62	cps
Gadolinium	160-1	117	108	125	117	7.14	cps
Gadolinium	160-2	107	133	93	111	18.33	cps
Holmium	165-1	8376106	8695242	8741574	8604307	2.31	cps
Holmium	165-2	4691387	4824695	4859789	4791957	1.85	cps
Indium	115-1	6315163	6515574	6517384	6449374	1.80	cps
Indium	115-2	1379058	1413097	1421410	1404522	1.60	cps
Iron	56-2	134796	134941	136416	135385	0.66	cps
Iron	57-2	5195	5279	4779	5084	5.27	cps
Lead	206-1	2939	2789	2756	2828	3.45	cps
Lead	207-1	2295	2445	2250	2330	4.37	cps
Lead	208-1	10680	10841	10330	10617	2.46	cps
Lithium	6-1	1525382	1568993	1584256	1559544	1.96	cps
Magnesium	24-2	894246	900793	886022	893687	0.83	cps
Manganese	55-2	48620	48423	48527	48523	0.20	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-01DUP	Instrumnet Name :	P7
Client Sample ID :	S36-0135DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 16:20:52	DataFile Name :	028SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1400	1608	1417	1475	7.85	cps
Molybdenum	95-1	1834	1759	1884	1825	3.45	cps
Molybdenum	96-1	1825	1984	2050	1953	5.92	cps
Molybdenum	97-1	1183	1300	1534	1339	13.31	cps
Molybdenum	98-1	2967	3034	3242	3081	4.66	cps
Neodymium	150-1	67	80	120	89	31.23	cps
Neodymium	150-2	50	43	33	42	19.87	cps
Nickel	60-2	877	1040	900	939	9.41	cps
Phosphorus	31-2	850	875	883	870	2.00	cps
Potassium	39-2	506217	506465	505547	506077	0.09	cps
Rhodium	103-1	5227361	5395027	5409433	5343940	1.89	cps
Rhodium	103-2	2634985	2699755	2715895	2683545	1.60	cps
Scandium	45-1	3222269	3299147	3312437	3277951	1.49	cps
Scandium	45-2	155789	159117	158938	157948	1.19	cps
Selenium	77-2	13	10	7	10	33.30	cps
Selenium	78-2	44	52	44	47	9.11	cps
Selenium	82-1	-26	-18	22	-7	-340.45	cps
Silicon	28-1	12572496	12605054	12539247	12572266	0.26	cps
Silver	109-1	3392	3317	3209	3306	2.79	cps
Silver	107-1	3326	3509	3209	3348	4.52	cps
Sodium	23-2	8725655	8729577	8622712	8692648	0.70	cps
Strontium	86-1	277532	281760	277983	279092	0.83	cps
Strontium	88-1	2474618	2492711	2470110	2479146	0.48	cps
Sulfur	34-1	259003	259996	257615	258872	0.46	cps
Terbium	159-1	8595514	8950968	9019707	8855396	2.57	cps
Terbium	159-2	4585726	4720043	4792246	4699338	2.23	cps
Thallium	203-1	550	383	467	467	17.86	cps
Thallium	205-1	1525	1283	1233	1347	11.58	cps
Tin	118-1	12898	15159	15569	14542	9.89	cps
Titanium	47-1	833	850	917	867	5.09	cps
Uranium	238-1	1925	2167	2009	2034	6.04	cps
Vanadium	51-2	823	763	737	774	5.73	cps
Yttrium	89-1	6042490	6236500	6257846	6178945	1.92	cps
Yttrium	89-2	960063	978480	987293	975279	1.42	cps
Zinc	66-2	8359	8406	8846	8537	3.15	cps
Zirconium	90-1	917	842	733	831	11.10	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-01DUP	Instrumnet Name :	P7
Client Sample ID :	S36-0135DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 16:20:52	DataFile Name :	028SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	167	217	233	206	16.88	cps

LB Number : LB96029 Operator : Jaswal
 Lab Sample ID : J3477-01LX5 Instrumnet Name : P7
 Client Sample ID : S36-0135L Dilution Factor : 5
 Date & Time Acquired :: 2018-06-14 16:24:26 DataFile Name : 029SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	342	333	158	278	37.27	cps
Antimony	121-1	2967	3059	2917	2981	2.41	cps
Arsenic	75-2	1722	1819	1708	1750	3.45	cps
Barium	135-1	992	1150	967	1036	9.60	cps
Barium	137-1	1767	1917	1508	1731	11.94	cps
Beryllium	9-1	189	239	272	233	17.98	cps
Bismuth	209-1	6331764	6339544	6448432	6373247	1.02	cps
Bismuth	209-2	3714137	3764816	3775757	3751570	0.88	cps
Boron	10-1	2384	2159	1967	2170	9.61	cps
Boron	11-1	9345	8828	9428	9200	3.54	cps
Cadmium	111-1	944	1008	954	969	3.56	cps
Cadmium	106-1	1809	1934	1875	1872	3.34	cps
Cadmium	108-1	21	13	13	15	31.48	cps
Calcium	43-1	102873	102856	104115	103281	0.70	cps
Calcium	44-1	1715124	1693274	1680580	1696326	1.03	cps
Chromium	52-2	627	690	737	684	8.07	cps
Cobalt	59-2	83	87	77	82	6.19	cps
Copper	63-2	8713	8583	8879	8725	1.71	cps
Dysprosium	156-1	33	17	42	31	41.66	cps
Dysprosium	156-2	7	13	0	7	99.98	cps
Erbium	164-1	50	117	75	81	41.81	cps
Erbium	164-2	10	37	23	23	57.15	cps
Gadolinium	160-1	50	33	83	56	45.83	cps
Gadolinium	160-2	107	117	110	111	4.58	cps
Holmium	165-1	9530903	9633240	9802629	9655591	1.42	cps
Holmium	165-2	5182552	5213194	5222435	5206060	0.40	cps
Indium	115-1	6952685	6994094	7107829	7018203	1.14	cps
Indium	115-2	1494604	1510599	1514259	1506487	0.69	cps
Iron	56-2	32603	32186	31818	32202	1.22	cps
Iron	57-2	1217	1295	1522	1345	11.81	cps
Lead	206-1	750	783	739	757	3.05	cps
Lead	207-1	733	794	778	769	4.11	cps
Lead	208-1	3189	3150	3184	3174	0.66	cps
Lithium	6-1	1596163	1598507	1623381	1606017	0.94	cps
Magnesium	24-2	195198	195533	196005	195579	0.21	cps
Manganese	55-2	10324	10297	10494	10372	1.03	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-01LX5	Instrumnet Name :	P7
Client Sample ID :	S36-0135L	Dilution Factor :	5
Date & Time Acquired ::	2018-06-14 16:24:26	DataFile Name :	029SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	367	483	467	439	14.38	cps
Molybdenum	95-1	625	558	517	567	9.64	cps
Molybdenum	96-1	492	383	517	464	15.28	cps
Molybdenum	97-1	292	225	333	283	19.29	cps
Molybdenum	98-1	758	767	642	722	9.68	cps
Neodymium	150-1	20	27	27	24	15.75	cps
Neodymium	150-2	7	7	0	4	86.60	cps
Nickel	60-2	267	257	227	250	8.33	cps
Phosphorus	31-2	267	275	317	286	9.36	cps
Potassium	39-2	127602	127468	126150	127074	0.63	cps
Rhodium	103-1	6040739	6089379	6223346	6117821	1.55	cps
Rhodium	103-2	2944626	2965010	2968566	2959401	0.44	cps
Scandium	45-1	3747311	3753682	3844968	3781987	1.44	cps
Scandium	45-2	171948	175499	174335	173927	1.04	cps
Selenium	77-2	7	0	10	6	91.64	cps
Selenium	78-2	59	22	61	48	46.16	cps
Selenium	82-1	4	-36	1	-10	-215.52	cps
Silicon	28-1	3577529	3538569	3533819	3549973	0.68	cps
Silver	109-1	967	1167	1042	1058	9.55	cps
Silver	107-1	1308	1067	1108	1161	11.13	cps
Sodium	23-2	1905781	1912675	1892615	1903690	0.54	cps
Strontium	86-1	62612	61625	61299	61845	1.11	cps
Strontium	88-1	549927	547302	542000	546409	0.74	cps
Sulfur	34-1	193795	193121	193018	193311	0.22	cps
Terbium	159-1	9778668	9839820	10116146	9911545	1.81	cps
Terbium	159-2	5079225	5103751	5128857	5103944	0.49	cps
Thallium	203-1	200	142	267	203	30.85	cps
Thallium	205-1	642	575	642	619	6.21	cps
Tin	118-1	1900	1850	1884	1878	1.36	cps
Titanium	47-1	233	250	283	256	9.96	cps
Uranium	238-1	492	442	392	442	11.32	cps
Vanadium	51-2	333	367	367	356	5.41	cps
Yttrium	89-1	6923611	6954005	7142750	7006789	1.69	cps
Yttrium	89-2	1067319	1075328	1073068	1071905	0.39	cps
Zinc	66-2	2157	2317	2320	2265	4.12	cps
Zirconium	90-1	592	717	625	644	10.04	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-01LX5	Instrumnet Name :	P7
Client Sample ID :	S36-0135L	Dilution Factor :	5
Date & Time Acquired ::	2018-06-14 16:24:26	DataFile Name :	029SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	183	133	117	144	24.02	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-02	Instrumnet Name :	P7
Client Sample ID :	S36-0135MS	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 16:28:00	DataFile Name :	030SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	425465	412727	414197	417463	1.67	cps
Antimony	121-1	2802508	2821593	2828667	2817590	0.48	cps
Arsenic	75-2	89544	88202	88299	88681	0.84	cps
Barium	135-1	3552391	3584897	3592580	3576622	0.60	cps
Barium	137-1	6280823	6338605	6273105	6297511	0.57	cps
Beryllium	9-1	398515	397489	390147	395384	1.15	cps
Bismuth	209-1	5859487	6035433	5914766	5936562	1.52	cps
Bismuth	209-2	3406702	3414759	3346542	3389335	1.10	cps
Boron	10-1	45369	45428	45294	45363	0.15	cps
Boron	11-1	205232	214897	216670	212266	2.90	cps
Cadmium	111-1	585548	597504	593541	592198	1.03	cps
Cadmium	106-1	65293	64916	66490	65566	1.25	cps
Cadmium	108-1	44169	44516	43621	44102	1.02	cps
Calcium	43-1	1199954	1199120	1191851	1196975	0.37	cps
Calcium	44-1	19808493	19769232	19600225	19725983	0.56	cps
Chromium	52-2	701884	696720	692608	697071	0.67	cps
Cobalt	59-2	1128695	1123295	1111179	1121056	0.80	cps
Copper	63-2	1602071	1599621	1601420	1601037	0.08	cps
Dysprosium	156-1	133	142	117	131	9.75	cps
Dysprosium	156-2	77	83	90	83	8.00	cps
Erbium	164-1	117	142	117	125	11.55	cps
Erbium	164-2	43	67	50	53	22.54	cps
Gadolinium	160-1	83	117	142	114	25.70	cps
Gadolinium	160-2	153	153	130	146	9.26	cps
Holmium	165-1	8756743	9031412	8883272	8890476	1.55	cps
Holmium	165-2	4798324	4827242	4748685	4791417	0.83	cps
Indium	115-1	6262833	6423554	6348696	6345028	1.27	cps
Indium	115-2	1340434	1349021	1330759	1340072	0.68	cps
Iron	56-2	29787623	29455075	29403213	29548637	0.71	cps
Iron	57-2	719088	717760	711993	716280	0.53	cps
Lead	206-1	2509622	2523338	2546887	2526616	0.75	cps
Lead	207-1	2133292	2166871	2169280	2156481	0.93	cps
Lead	208-1	9966312	10096779	10093004	10052032	0.74	cps
Lithium	6-1	1656776	1710077	1707490	1691448	1.78	cps
Magnesium	24-2	5994593	5944123	5873795	5937504	1.02	cps
Manganese	55-2	861956	857280	853410	857549	0.50	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-02	Instrumnet Name :	P7
Client Sample ID :	S36-0135MS	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 16:28:00	DataFile Name :	030SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5265542	5323104	5275223	5287956	0.58	cps
Molybdenum	95-1	6404880	6472848	6491710	6456480	0.71	cps
Molybdenum	96-1	7028507	7120344	7109067	7085973	0.71	cps
Molybdenum	97-1	3950480	3984502	3970305	3968429	0.43	cps
Molybdenum	98-1	10274365	10341745	10380297	10332136	0.52	cps
Neodymium	150-1	307	293	313	304	3.34	cps
Neodymium	150-2	70	57	73	67	13.22	cps
Nickel	60-2	293288	290772	291020	291693	0.48	cps
Phosphorus	31-2	733	783	792	770	4.10	cps
Potassium	39-2	3055977	3023863	3034515	3038118	0.54	cps
Rhodium	103-1	5260482	5399691	5327844	5329339	1.31	cps
Rhodium	103-2	2579672	2609459	2567457	2585530	0.84	cps
Scandium	45-1	3260296	3347083	3277114	3294831	1.40	cps
Scandium	45-2	152784	154146	152717	153216	0.53	cps
Selenium	77-2	1610	1743	1573	1642	5.45	cps
Selenium	78-2	5759	5490	5690	5646	2.47	cps
Selenium	82-1	35082	34974	35139	35065	0.24	cps
Silicon	28-1	13624519	13597292	13447158	13556323	0.70	cps
Silver	109-1	2470569	2491554	2487525	2483216	0.45	cps
Silver	107-1	2579757	2591877	2611186	2594273	0.61	cps
Sodium	23-2	17860504	17742664	17549244	17717471	0.89	cps
Strontium	86-1	1116688	1117937	1123441	1119355	0.32	cps
Strontium	88-1	9988631	10035653	10060409	10028231	0.36	cps
Sulfur	34-1	261743	257844	257041	258876	0.97	cps
Terbium	159-1	8960540	9255047	9105572	9107053	1.62	cps
Terbium	159-2	4671516	4735355	4669961	4692277	0.80	cps
Thallium	203-1	3073326	3094145	3103239	3090237	0.50	cps
Thallium	205-1	7492331	7550965	7577518	7540271	0.58	cps
Tin	118-1	2115971	2119407	2139677	2125018	0.60	cps
Titanium	47-1	1544462	1556478	1544571	1548504	0.45	cps
Uranium	238-1	11270627	11344954	11345967	11320516	0.38	cps
Vanadium	51-2	591281	589157	581230	587222	0.90	cps
Yttrium	89-1	6178024	6383618	6236418	6266020	1.69	cps
Yttrium	89-2	956542	954925	954265	955244	0.12	cps
Zinc	66-2	213148	212716	211379	212414	0.43	cps
Zirconium	90-1	4449459	4485054	4455672	4463395	0.43	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-02	Instrumnet Name :	P7
Client Sample ID :	S36-0135MS	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 16:28:00	DataFile Name :	030SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	976767	987897	977123	980595	0.65	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-03	Instrumnet Name :	P7
Client Sample ID :	S36-0135MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 16:31:34	DataFile Name :	031SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	388864	390481	393429	390925	0.59	cps
Antimony	121-1	2670410	2671527	2666929	2669622	0.09	cps
Arsenic	75-2	83126	83050	84017	83398	0.64	cps
Barium	135-1	3449578	3437970	3407826	3431792	0.63	cps
Barium	137-1	6121666	6102186	6038204	6087352	0.72	cps
Beryllium	9-1	367710	364860	361513	364694	0.85	cps
Bismuth	209-1	5572912	5791283	5728645	5697613	1.97	cps
Bismuth	209-2	3213906	3280996	3258689	3251197	1.05	cps
Boron	10-1	43371	44809	43964	44048	1.64	cps
Boron	11-1	204107	203348	207240	204898	1.01	cps
Cadmium	111-1	569274	567920	565538	567577	0.33	cps
Cadmium	106-1	62496	61635	61191	61774	1.07	cps
Cadmium	108-1	41854	41536	41448	41613	0.51	cps
Calcium	43-1	1132484	1115825	1107486	1118598	1.14	cps
Calcium	44-1	18569666	18334093	18243606	18382455	0.92	cps
Chromium	52-2	651427	650206	654008	651880	0.30	cps
Cobalt	59-2	1052739	1044041	1046033	1047604	0.43	cps
Copper	63-2	1517128	1510876	1503247	1510417	0.46	cps
Dysprosium	156-1	67	117	92	92	27.27	cps
Dysprosium	156-2	53	83	110	82	34.48	cps
Erbium	164-1	133	142	67	114	36.09	cps
Erbium	164-2	43	70	67	60	24.22	cps
Gadolinium	160-1	117	83	133	111	22.91	cps
Gadolinium	160-2	143	80	130	118	28.35	cps
Holmium	165-1	8455079	8762066	8646399	8621181	1.80	cps
Holmium	165-2	4570443	4664454	4582968	4605955	1.11	cps
Indium	115-1	5985773	6188627	6120406	6098268	1.69	cps
Indium	115-2	1259186	1286140	1276697	1274008	1.07	cps
Iron	56-2	27748386	27696542	27837002	27760643	0.26	cps
Iron	57-2	672769	668946	677261	672992	0.62	cps
Lead	206-1	2415836	2424247	2414002	2418028	0.23	cps
Lead	207-1	2074999	2069951	2061658	2068869	0.33	cps
Lead	208-1	9643217	9652972	9609761	9635317	0.24	cps
Lithium	6-1	1649090	1694030	1691222	1678114	1.50	cps
Magnesium	24-2	5585882	5578208	5588645	5584245	0.10	cps
Manganese	55-2	807288	806392	812544	808741	0.41	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-03	Instrumnet Name :	P7
Client Sample ID :	S36-0135MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 16:31:34	DataFile Name :	031SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5027905	5000289	4972870	5000355	0.55	cps
Molybdenum	95-1	6184701	6128349	6147796	6153615	0.47	cps
Molybdenum	96-1	6804246	6760338	6722506	6762363	0.60	cps
Molybdenum	97-1	3826341	3786935	3789758	3801011	0.58	cps
Molybdenum	98-1	9872992	9885891	9901718	9886867	0.15	cps
Neodymium	150-1	307	313	193	271	24.88	cps
Neodymium	150-2	53	50	57	53	6.25	cps
Nickel	60-2	273298	272133	274124	273185	0.37	cps
Phosphorus	31-2	850	783	967	867	10.71	cps
Potassium	39-2	2830419	2842033	2851312	2841255	0.37	cps
Rhodium	103-1	5025613	5152593	5182260	5120155	1.63	cps
Rhodium	103-2	2446511	2522795	2481490	2483599	1.54	cps
Scandium	45-1	3084490	3137407	3107434	3109777	0.85	cps
Scandium	45-2	142369	147199	145062	144877	1.67	cps
Selenium	77-2	1627	1650	1653	1643	0.88	cps
Selenium	78-2	5290	5288	5403	5327	1.23	cps
Selenium	82-1	32985	33205	33150	33114	0.35	cps
Silicon	28-1	12592090	12422270	12327124	12447161	1.08	cps
Silver	109-1	2367500	2343752	2358607	2356620	0.51	cps
Silver	107-1	2479740	2457093	2445960	2460931	0.70	cps
Sodium	23-2	16434297	16505232	16569626	16503052	0.41	cps
Strontium	86-1	1060987	1061424	1048045	1056819	0.72	cps
Strontium	88-1	9527616	9487540	9437221	9484126	0.48	cps
Sulfur	34-1	243687	241571	235924	240394	1.67	cps
Terbium	159-1	8678922	8915196	8901364	8831827	1.50	cps
Terbium	159-2	4454875	4544704	4502763	4500781	1.00	cps
Thallium	203-1	2980865	2964183	2966919	2970655	0.30	cps
Thallium	205-1	7255104	7274010	7232942	7254019	0.28	cps
Tin	118-1	2038724	2051257	2037076	2042352	0.38	cps
Titanium	47-1	1475126	1453445	1438843	1455805	1.25	cps
Uranium	238-1	10914687	10978937	10874908	10922844	0.48	cps
Vanadium	51-2	547358	546283	550503	548048	0.40	cps
Yttrium	89-1	5955086	6095584	6069085	6039918	1.24	cps
Yttrium	89-2	901659	927028	914255	914314	1.39	cps
Zinc	66-2	201657	200827	202725	201736	0.47	cps
Zirconium	90-1	4242868	4210953	4201257	4218359	0.52	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-03	Instrumnet Name :	P7
Client Sample ID :	S36-0135MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 16:31:34	DataFile Name :	031SMPL_P7061418 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	935807	932417	926266	931497	0.52	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-01A	Instrumnet Name :	P7
Client Sample ID :	S36-0135A	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 16:35:08	DataFile Name :	032SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	382346	382258	378868	381157	0.52	cps
Antimony	121-1	2667363	2665224	2675622	2669403	0.21	cps
Arsenic	75-2	81104	82227	81970	81767	0.72	cps
Barium	135-1	3407081	3420320	3388111	3405171	0.48	cps
Barium	137-1	6000405	6052365	6026739	6026503	0.43	cps
Beryllium	9-1	361380	354185	352916	356160	1.28	cps
Bismuth	209-1	5660494	5840380	5661287	5720720	1.81	cps
Bismuth	209-2	3148912	3224297	3250446	3207885	1.64	cps
Boron	10-1	44332	43129	43497	43653	1.41	cps
Boron	11-1	196046	204327	203948	201440	2.32	cps
Cadmium	111-1	560233	564862	559964	561686	0.49	cps
Cadmium	106-1	60187	61877	59751	60605	1.85	cps
Cadmium	108-1	41590	42108	41064	41587	1.26	cps
Calcium	43-1	1110797	1097502	1097428	1101909	0.70	cps
Calcium	44-1	18288697	18233128	18099057	18206960	0.54	cps
Chromium	52-2	640877	644970	648401	644749	0.58	cps
Cobalt	59-2	1036249	1043588	1042547	1040795	0.38	cps
Copper	63-2	1484054	1498323	1496554	1492977	0.52	cps
Dysprosium	156-1	133	125	167	142	15.56	cps
Dysprosium	156-2	113	90	97	100	12.02	cps
Erbium	164-1	92	83	108	94	13.48	cps
Erbium	164-2	63	47	53	54	15.40	cps
Gadolinium	160-1	133	108	167	136	21.50	cps
Gadolinium	160-2	143	170	123	146	16.08	cps
Holmium	165-1	8568601	8791014	8568764	8642793	1.49	cps
Holmium	165-2	4452593	4589703	4638748	4560348	2.12	cps
Indium	115-1	6014372	6161076	5959278	6044909	1.73	cps
Indium	115-2	1223180	1254768	1259600	1245850	1.59	cps
Iron	56-2	27421190	27459560	27485166	27455305	0.12	cps
Iron	57-2	664144	668282	669896	667441	0.44	cps
Lead	206-1	2438300	2414974	2425897	2426390	0.48	cps
Lead	207-1	2087214	2076642	2085978	2083278	0.28	cps
Lead	208-1	9701526	9672928	9703321	9692592	0.18	cps
Lithium	6-1	1640284	1670004	1644947	1651745	0.97	cps
Magnesium	24-2	5480153	5514332	5448779	5481088	0.60	cps
Manganese	55-2	792172	797474	789577	793074	0.51	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-01A	Instrumnet Name :	P7
Client Sample ID :	S36-0135A	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 16:35:08	DataFile Name :	032SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4985804	4997101	4988203	4990369	0.12	cps
Molybdenum	95-1	6150023	6093934	6130300	6124752	0.46	cps
Molybdenum	96-1	6735629	6722947	6711586	6723387	0.18	cps
Molybdenum	97-1	3784103	3782828	3760289	3775740	0.35	cps
Molybdenum	98-1	9839918	9842325	9778568	9820270	0.37	cps
Neodymium	150-1	367	387	253	336	21.43	cps
Neodymium	150-2	60	47	43	50	17.64	cps
Nickel	60-2	269295	273692	272513	271833	0.84	cps
Phosphorus	31-2	875	892	792	853	6.28	cps
Potassium	39-2	2771448	2797148	2780152	2782916	0.47	cps
Rhodium	103-1	5063766	5207933	5023244	5098314	1.90	cps
Rhodium	103-2	2384584	2468082	2498989	2450552	2.42	cps
Scandium	45-1	3062167	3135285	3013297	3070250	2.00	cps
Scandium	45-2	138446	142575	144503	141841	2.18	cps
Selenium	77-2	1580	1430	1597	1536	5.98	cps
Selenium	78-2	5088	5203	5268	5186	1.75	cps
Selenium	82-1	32612	33182	32961	32918	0.87	cps
Silicon	28-1	12296603	12235577	12088014	12206731	0.88	cps
Silver	109-1	2361761	2350528	2353645	2355311	0.25	cps
Silver	107-1	2454531	2466177	2446550	2455753	0.40	cps
Sodium	23-2	16236293	16296289	16147522	16226701	0.46	cps
Strontium	86-1	1056286	1058300	1045850	1053479	0.63	cps
Strontium	88-1	9463602	9493942	9429652	9462399	0.34	cps
Sulfur	34-1	236449	233411	230024	233295	1.38	cps
Terbium	159-1	8776982	9095334	8747609	8873308	2.17	cps
Terbium	159-2	4328220	4488184	4538562	4451655	2.47	cps
Thallium	203-1	2994135	2971239	2984103	2983159	0.38	cps
Thallium	205-1	7288313	7283743	7292385	7288147	0.06	cps
Tin	118-1	2033895	2036087	2037115	2035699	0.08	cps
Titanium	47-1	1432725	1430478	1422458	1428554	0.38	cps
Uranium	238-1	10925756	11108759	11030656	11021724	0.83	cps
Vanadium	51-2	538550	544158	543597	542102	0.57	cps
Yttrium	89-1	5965243	6135403	5914099	6004915	1.93	cps
Yttrium	89-2	874046	905430	910616	896697	2.21	cps
Zinc	66-2	195891	200158	199019	198356	1.11	cps
Zirconium	90-1	4198110	4212387	4200211	4203569	0.18	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-01A	Instrumnet Name :	P7
Client Sample ID :	S36-0135A	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 16:35:08	DataFile Name :	032SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	922922	923618	925390	923977	0.14	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-04	Instrumnet Name :	P7
Client Sample ID :	S36-0141	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 16:38:41	DataFile Name :	033SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	308	542	392	414	28.57	cps
Antimony	121-1	11981	11664	12523	12056	3.60	cps
Arsenic	75-2	8275	8306	8371	8317	0.59	cps
Barium	135-1	62040	62399	62240	62226	0.29	cps
Barium	137-1	109832	109075	110562	109823	0.68	cps
Beryllium	9-1	383	389	344	372	6.51	cps
Bismuth	209-1	5950895	5981386	5971994	5968092	0.26	cps
Bismuth	209-2	3357318	3364384	3397450	3373050	0.64	cps
Boron	10-1	6785	6318	6368	6491	3.95	cps
Boron	11-1	31308	30916	29964	30729	2.25	cps
Cadmium	111-1	971	1023	865	953	8.47	cps
Cadmium	106-1	1642	1809	1533	1661	8.34	cps
Cadmium	108-1	0	21	21	14	86.60	cps
Calcium	43-1	708010	706438	698538	704329	0.72	cps
Calcium	44-1	11676340	11693017	11627312	11665556	0.29	cps
Chromium	52-2	1693	1633	1603	1643	2.79	cps
Cobalt	59-2	313	330	317	320	2.76	cps
Copper	63-2	43796	42692	43762	43417	1.45	cps
Dysprosium	156-1	42	25	42	36	26.65	cps
Dysprosium	156-2	17	17	7	13	43.29	cps
Erbium	164-1	42	42	83	56	43.30	cps
Erbium	164-2	20	40	27	29	35.25	cps
Gadolinium	160-1	58	67	75	67	12.49	cps
Gadolinium	160-2	90	113	97	100	12.02	cps
Holmium	165-1	8832063	8861005	8856951	8850007	0.18	cps
Holmium	165-2	4689324	4649431	4712502	4683752	0.68	cps
Indium	115-1	6262327	6312621	6324607	6299852	0.52	cps
Indium	115-2	1305407	1301785	1331353	1312848	1.23	cps
Iron	56-2	592620	585378	590727	589575	0.64	cps
Iron	57-2	17244	17283	17199	17242	0.24	cps
Lead	206-1	6196	6402	6413	6337	1.93	cps
Lead	207-1	4957	5046	5385	5129	4.40	cps
Lead	208-1	24020	23536	23809	23789	1.02	cps
Lithium	6-1	1660301	1684355	1684728	1676461	0.83	cps
Magnesium	24-2	1590271	1573303	1579980	1581185	0.54	cps
Manganese	55-2	144400	144784	143975	144386	0.28	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-04	Instrumnet Name :	P7
Client Sample ID :	S36-0141	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 16:38:41	DataFile Name :	033SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1667	1767	2042	1825	10.64	cps
Molybdenum	95-1	2500	2575	3025	2700	10.52	cps
Molybdenum	96-1	2750	2850	3050	2884	5.30	cps
Molybdenum	97-1	1483	1583	1725	1597	7.60	cps
Molybdenum	98-1	3884	4059	4934	4293	13.11	cps
Neodymium	150-1	40	33	53	42	24.13	cps
Neodymium	150-2	10	7	23	13	66.12	cps
Nickel	60-2	467	473	420	453	6.41	cps
Phosphorus	31-2	250	258	250	253	1.90	cps
Potassium	39-2	514352	509320	517985	513886	0.85	cps
Rhodium	103-1	5289818	5337288	5342003	5323036	0.54	cps
Rhodium	103-2	2557303	2544937	2564836	2555692	0.39	cps
Scandium	45-1	3118860	3153192	3117810	3129954	0.64	cps
Scandium	45-2	144301	143921	147696	145306	1.43	cps
Selenium	77-2	17	10	10	12	31.50	cps
Selenium	78-2	59	43	35	46	26.99	cps
Selenium	82-1	51	35	34	40	24.20	cps
Silicon	28-1	14596370	14566391	14452711	14538491	0.52	cps
Silver	109-1	2017	2100	2025	2047	2.24	cps
Silver	107-1	2000	2325	2142	2156	7.56	cps
Sodium	23-2	7592053	7544126	7581671	7572617	0.33	cps
Strontium	86-1	549401	556266	548346	551338	0.78	cps
Strontium	88-1	4965606	4985254	4957221	4969360	0.29	cps
Sulfur	34-1	266859	262966	262820	264215	0.87	cps
Terbium	159-1	9028871	9140336	9111287	9093498	0.64	cps
Terbium	159-2	4595478	4557852	4617075	4590135	0.65	cps
Thallium	203-1	1008	1017	1058	1028	2.61	cps
Thallium	205-1	2242	2059	2125	2142	4.33	cps
Tin	118-1	22594	23203	22753	22850	1.38	cps
Titanium	47-1	692	767	808	756	7.83	cps
Uranium	238-1	29827	30161	30746	30245	1.54	cps
Vanadium	51-2	633	637	677	649	3.72	cps
Yttrium	89-1	6121074	6199412	6196757	6172414	0.72	cps
Yttrium	89-2	921126	915387	926121	920878	0.58	cps
Zinc	66-2	4094	4274	4131	4166	2.28	cps
Zirconium	90-1	1250	1200	1208	1220	2.20	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-04	Instrumnet Name :	P7
Client Sample ID :	S36-0141	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 16:38:41	DataFile Name :	033SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	267	258	325	283	12.82	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P7
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 16:43:55	DataFile Name :	034CCV_P7061418 MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2416721	2417335	2410163	2414740	0.16	cps
Antimony	121-1	2730160	2736836	2733757	2733585	0.12	cps
Arsenic	75-2	88614	87841	87317	87924	0.74	cps
Barium	135-1	3850836	3800831	3799655	3817107	0.77	cps
Barium	137-1	6721282	6706558	6666422	6698087	0.42	cps
Beryllium	9-1	458994	462767	464209	461990	0.58	cps
Bismuth	209-1	5905783	5871016	5865897	5880898	0.37	cps
Bismuth	209-2	3405965	3426074	3421622	3417887	0.31	cps
Boron	10-1	45453	47751	49900	47701	4.66	cps
Boron	11-1	212575	217946	225514	218678	2.97	cps
Cadmium	111-1	610576	608801	607044	608807	0.29	cps
Cadmium	106-1	65251	65711	68031	66331	2.25	cps
Cadmium	108-1	44232	45699	45728	45219	1.89	cps
Calcium	43-1	3869869	3842434	3894459	3868921	0.67	cps
Calcium	44-1	63131489	62789666	63246226	63055794	0.38	cps
Chromium	52-2	782525	782749	775588	780288	0.52	cps
Cobalt	59-2	1186228	1181076	1176326	1181210	0.42	cps
Copper	63-2	1649108	1635526	1626227	1636954	0.70	cps
Dysprosium	156-1	133	75	92	100	30.05	cps
Dysprosium	156-2	70	57	80	69	16.99	cps
Erbium	164-1	58	0	83	47	90.56	cps
Erbium	164-2	13	27	23	21	32.88	cps
Gadolinium	160-1	75	67	58	67	12.49	cps
Gadolinium	160-2	117	127	93	112	15.24	cps
Holmium	165-1	9503366	9503207	9513098	9506557	0.06	cps
Holmium	165-2	5154418	5147547	5151085	5151017	0.07	cps
Indium	115-1	6448434	6440401	6513967	6467601	0.62	cps
Indium	115-2	1411509	1410558	1410062	1410710	0.05	cps
Iron	56-2	157388431	157353931	156342681	157028348	0.38	cps
Iron	57-2	3853937	3854059	3863123	3857040	0.14	cps
Lead	206-1	2596227	2576819	2568680	2580575	0.55	cps
Lead	207-1	2271409	2286854	2263485	2273916	0.52	cps
Lead	208-1	10457756	10466343	10353419	10425839	0.60	cps
Lithium	6-1	1470766	1475187	1487094	1477682	0.57	cps
Magnesium	24-2	27930151	27900106	27692239	27840832	0.47	cps
Manganese	55-2	892116	894236	889107	891820	0.29	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P7
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 16:43:55	DataFile Name :	034CCV_P7061418 MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5635112	5615412	5597500	5616008	0.33	cps
Molybdenum	95-1	6957399	6904131	6871897	6911143	0.62	cps
Molybdenum	96-1	7622398	7557541	7569931	7583290	0.45	cps
Molybdenum	97-1	4287545	4239138	4249403	4258695	0.60	cps
Molybdenum	98-1	11100232	11044107	11069297	11071212	0.25	cps
Neodymium	150-1	273	327	227	276	18.16	cps
Neodymium	150-2	37	47	30	38	22.21	cps
Nickel	60-2	309421	307455	305218	307365	0.68	cps
Phosphorus	31-2	24955	24880	25189	25008	0.64	cps
Potassium	39-2	14380435	14399001	14328000	14369145	0.26	cps
Rhodium	103-1	5533424	5486698	5539533	5519885	0.52	cps
Rhodium	103-2	2696282	2692596	2676969	2688616	0.38	cps
Scandium	45-1	3667118	3663603	3694229	3674983	0.46	cps
Scandium	45-2	169110	169784	171105	169999	0.60	cps
Selenium	77-2	1797	1793	1837	1809	1.33	cps
Selenium	78-2	6263	6187	6081	6177	1.48	cps
Selenium	82-1	37126	36450	37155	36911	1.08	cps
Silicon	28-1	1947560	1983940	2032199	1987900	2.14	cps
Silver	109-1	3011409	3004786	3001848	3006014	0.16	cps
Silver	107-1	3126016	3119631	3123797	3123148	0.10	cps
Sodium	23-2	51568548	51670029	51083802	51440793	0.61	cps
Strontium	86-1	872849	871731	874986	873189	0.19	cps
Strontium	88-1	7896457	7815016	7842543	7851339	0.53	cps
Sulfur	34-1	384397	382824	384286	383836	0.23	cps
Terbium	159-1	9709077	9712085	9730767	9717309	0.12	cps
Terbium	159-2	5026086	5020621	5022438	5023048	0.06	cps
Thallium	203-1	3173598	3161621	3165438	3166886	0.19	cps
Thallium	205-1	7738506	7735318	7713797	7729207	0.17	cps
Tin	118-1	2182740	2177610	2162515	2174288	0.48	cps
Titanium	47-1	1739613	1743944	1739608	1741055	0.14	cps
Uranium	238-1	11679533	11590443	11626065	11632014	0.39	cps
Vanadium	51-2	648529	643597	638457	643528	0.78	cps
Yttrium	89-1	6760688	6677804	6759079	6732524	0.70	cps
Yttrium	89-2	1042963	1042521	1040651	1042045	0.12	cps
Zinc	66-2	225705	224297	223216	224406	0.56	cps
Zirconium	90-1	4703007	4678261	4672950	4684739	0.34	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P7
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 16:43:55	DataFile Name :	034CCV_P7061418 MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1033920	1027365	1025347	1028877	0.44	cps

LB Number : LB96029 Operator : Jaswal
 Lab Sample ID : CCB19 Instrumnet Name : P7
 Client Sample ID : CCB19 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-14 16:59:47 DataFile Name : 037CCBE_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	50	75	69	24.98	cps
Antimony	121-1	1208	1308	1175	1231	5.64	cps
Arsenic	75-2	15	13	2	10	71.00	cps
Barium	135-1	225	192	133	183	25.31	cps
Barium	137-1	342	350	258	317	16.01	cps
Beryllium	9-1	322	350	367	346	6.48	cps
Bismuth	209-1	5036771	5094317	5346089	5159059	3.19	cps
Bismuth	209-2	3371254	3386604	3374518	3377459	0.24	cps
Boron	10-1	1717	1834	1508	1686	9.77	cps
Boron	11-1	8161	7544	6785	7497	9.19	cps
Cadmium	111-1	744	831	757	777	6.00	cps
Cadmium	106-1	1392	1592	1467	1483	6.81	cps
Cadmium	108-1	8	4	8	7	34.59	cps
Calcium	43-1	250	250	267	256	3.76	cps
Calcium	44-1	6402	6202	6168	6257	2.02	cps
Chromium	52-2	177	200	200	192	7.01	cps
Cobalt	59-2	93	97	83	91	7.62	cps
Copper	63-2	2027	1877	1893	1932	4.26	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	67	50	50	56	17.32	cps
Erbium	164-2	10	7	17	11	45.82	cps
Gadolinium	160-1	8	50	17	25	88.19	cps
Gadolinium	160-2	83	90	70	81	12.55	cps
Holmium	165-1	7559417	7680955	8060022	7766798	3.36	cps
Holmium	165-2	4729601	4697690	4742002	4723098	0.48	cps
Indium	115-1	5424248	5496034	5733258	5551180	2.91	cps
Indium	115-2	1367072	1368041	1379483	1371532	0.50	cps
Iron	56-2	8408	8191	7574	8058	5.37	cps
Iron	57-2	406	383	361	383	5.80	cps
Lead	206-1	433	656	483	524	22.25	cps
Lead	207-1	461	506	550	506	8.79	cps
Lead	208-1	2100	2361	2283	2248	5.96	cps
Lithium	6-1	1233125	1249154	1301483	1261254	2.83	cps
Magnesium	24-2	1150	1200	1225	1192	3.20	cps
Manganese	55-2	80	63	113	86	29.76	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P7
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 16:59:47	DataFile Name :	037CCBE_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	642	617	533	597	9.50	cps
Molybdenum	95-1	442	592	350	461	26.46	cps
Molybdenum	96-1	617	583	583	594	3.24	cps
Molybdenum	97-1	383	300	392	358	14.15	cps
Molybdenum	98-1	800	883	750	811	8.30	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	67	83	93	81	16.60	cps
Phosphorus	31-2	75	125	117	106	25.38	cps
Potassium	39-2	19889	20623	20381	20298	1.84	cps
Rhodium	103-1	4818293	4907814	5075306	4933804	2.64	cps
Rhodium	103-2	2683285	2683544	2692731	2686520	0.20	cps
Scandium	45-1	3036568	3062548	3190052	3096389	2.65	cps
Scandium	45-2	158409	159474	162577	160154	1.35	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	52	44	35	44	19.05	cps
Selenium	82-1	77	-25	9	20	257.70	cps
Silicon	28-1	216776	217662	216688	217042	0.25	cps
Silver	109-1	475	342	517	444	20.57	cps
Silver	107-1	558	483	425	489	13.67	cps
Sodium	23-2	15308	15075	15250	15211	0.80	cps
Strontium	86-1	375	300	392	356	13.73	cps
Strontium	88-1	325	467	350	381	19.87	cps
Sulfur	34-1	179275	181636	176027	178979	1.57	cps
Terbium	159-1	7837778	7838909	8299193	7991960	3.33	cps
Terbium	159-2	4608126	4627876	4645985	4627329	0.41	cps
Thallium	203-1	533	450	467	483	9.12	cps
Thallium	205-1	1475	1142	1217	1278	13.69	cps
Tin	118-1	667	583	667	639	7.53	cps
Titanium	47-1	192	100	108	133	38.02	cps
Uranium	238-1	650	558	442	550	18.98	cps
Vanadium	51-2	30	53	27	37	39.62	cps
Yttrium	89-1	5491255	5571136	5820931	5627774	3.06	cps
Yttrium	89-2	978219	980466	986933	981873	0.46	cps
Zinc	66-2	287	273	200	253	18.42	cps
Zirconium	90-1	842	833	675	783	11.99	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P7
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 16:59:47	DataFile Name :	037CCBE_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	217	183	125	175	26.51	cps

LB Number : LB96029 Operator : Jaswal
 Lab Sample ID : J3477-06 Instrumnet Name : P7
 Client Sample ID : S36-0140 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-14 17:04:13 DataFile Name : 038SMPL_P7061418 M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	525	500	550	525	4.76	cps
Antimony	121-1	18071	12798	11330	14066	25.20	cps
Arsenic	75-2	2680	2891	2741	2771	3.92	cps
Barium	135-1	115384	117476	118964	117275	1.53	cps
Barium	137-1	202498	202101	209179	204593	1.94	cps
Beryllium	9-1	233	206	222	220	6.34	cps
Bismuth	209-1	5737207	5728808	5873315	5779777	1.40	cps
Bismuth	209-2	3349356	3394324	3350057	3364579	0.77	cps
Boron	10-1	4451	4317	4668	4479	3.95	cps
Boron	11-1	21808	21591	21733	21711	0.51	cps
Cadmium	111-1	851	882	890	874	2.36	cps
Cadmium	106-1	1408	1567	1600	1525	6.72	cps
Cadmium	108-1	17	8	8	11	43.34	cps
Calcium	43-1	1593571	1573708	1600198	1589159	0.87	cps
Calcium	44-1	26194498	25980941	26459003	26211481	0.91	cps
Chromium	52-2	1510	1460	1510	1493	1.93	cps
Cobalt	59-2	320	363	370	351	7.73	cps
Copper	63-2	51815	53217	53996	53009	2.08	cps
Dysprosium	156-1	50	25	33	36	35.25	cps
Dysprosium	156-2	37	20	33	30	29.40	cps
Erbium	164-1	67	92	117	92	27.27	cps
Erbium	164-2	37	43	40	40	8.32	cps
Gadolinium	160-1	67	58	67	64	7.53	cps
Gadolinium	160-2	77	117	120	104	23.09	cps
Holmium	165-1	8523522	8504884	8808085	8612164	1.97	cps
Holmium	165-2	4701473	4734342	4698249	4711355	0.42	cps
Indium	115-1	6124724	6117213	6216208	6152715	0.90	cps
Indium	115-2	1326302	1330133	1322303	1326246	0.30	cps
Iron	56-2	2348444	2358168	2345247	2350620	0.29	cps
Iron	57-2	63839	64693	63008	63847	1.32	cps
Lead	206-1	8075	7997	8275	8116	1.77	cps
Lead	207-1	7069	7069	6852	6996	1.79	cps
Lead	208-1	32044	31777	31610	31810	0.69	cps
Lithium	6-1	1465453	1484689	1549099	1499747	2.92	cps
Magnesium	24-2	3805795	3824094	3766880	3798923	0.77	cps
Manganese	55-2	436462	435931	436137	436177	0.06	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-06	Instrumnet Name :	P7
Client Sample ID :	S36-0140	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 17:04:13	DataFile Name :	038SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	992	1008	1117	1039	6.53	cps
Molybdenum	95-1	1175	1325	1167	1222	7.29	cps
Molybdenum	96-1	1133	1242	1550	1308	16.52	cps
Molybdenum	97-1	842	767	883	831	7.12	cps
Molybdenum	98-1	2025	2159	1959	2047	4.97	cps
Neodymium	150-1	80	73	67	73	9.09	cps
Neodymium	150-2	17	23	30	23	28.56	cps
Nickel	60-2	1100	1220	1083	1135	6.57	cps
Phosphorus	31-2	150	92	108	117	25.76	cps
Potassium	39-2	762443	758475	747575	756165	1.02	cps
Rhodium	103-1	5137150	5112809	5259267	5169742	1.52	cps
Rhodium	103-2	2570943	2567022	2564657	2567540	0.12	cps
Scandium	45-1	3141900	3095770	3179810	3139160	1.34	cps
Scandium	45-2	148152	147468	148395	148005	0.32	cps
Selenium	77-2	20	7	13	13	49.99	cps
Selenium	78-2	39	46	41	42	9.19	cps
Selenium	82-1	-37	21	93	26	253.22	cps
Silicon	28-1	16878070	16710587	16910212	16832956	0.64	cps
Silver	109-1	3651	2942	3109	3234	11.45	cps
Silver	107-1	3451	3309	3092	3284	5.50	cps
Sodium	23-2	8154682	8155423	8020250	8110118	0.96	cps
Strontium	86-1	1211901	1208485	1234743	1218376	1.17	cps
Strontium	88-1	10828018	10896425	11080273	10934906	1.19	cps
Sulfur	34-1	471862	469134	469696	470231	0.31	cps
Terbium	159-1	8747852	8784785	9023849	8852162	1.69	cps
Terbium	159-2	4609908	4632665	4602056	4614877	0.34	cps
Thallium	203-1	1667	1233	817	1239	34.31	cps
Thallium	205-1	3926	2659	2034	2873	33.56	cps
Tin	118-1	26334	23704	23779	24606	6.08	cps
Titanium	47-1	692	817	658	722	11.56	cps
Uranium	238-1	32634	31473	33127	32411	2.62	cps
Vanadium	51-2	703	773	787	754	5.93	cps
Yttrium	89-1	6031760	5999254	6151594	6060869	1.32	cps
Yttrium	89-2	936110	935708	936782	936200	0.06	cps
Zinc	66-2	4801	4634	4774	4736	1.89	cps
Zirconium	90-1	1150	1075	808	1011	17.76	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-06	Instrumnet Name :	P7
Client Sample ID :	S36-0140	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 17:04:13	DataFile Name :	038SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	242	233	275	250	8.82	cps

LB Number : LB96029 Operator : Jaswal
 Lab Sample ID : J3477-07 Instrumnet Name : P7
 Client Sample ID : S36-0133 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-14 17:07:46 DataFile Name : 039SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	550	392	558	500	18.79	cps
Antimony	121-1	8495	8845	9170	8836	3.82	cps
Arsenic	75-2	7530	7506	7356	7464	1.26	cps
Barium	135-1	46621	46821	47591	47011	1.09	cps
Barium	137-1	82645	82403	82805	82618	0.24	cps
Beryllium	9-1	278	211	178	222	22.91	cps
Bismuth	209-1	5936369	5855468	5864981	5885606	0.75	cps
Bismuth	209-2	3357356	3379660	3353318	3363445	0.42	cps
Boron	10-1	4101	4484	4409	4331	4.69	cps
Boron	11-1	20064	20581	20756	20467	1.76	cps
Cadmium	111-1	893	836	714	814	11.24	cps
Cadmium	106-1	1734	1558	1325	1539	13.31	cps
Cadmium	108-1	4	8	4	6	43.22	cps
Calcium	43-1	1665308	1655190	1647339	1655946	0.54	cps
Calcium	44-1	27351335	27502240	27309039	27387538	0.37	cps
Chromium	52-2	1273	1337	1323	1311	2.55	cps
Cobalt	59-2	390	353	357	367	5.53	cps
Copper	63-2	26878	27479	27269	27209	1.12	cps
Dysprosium	156-1	50	58	183	97	76.82	cps
Dysprosium	156-2	77	83	90	83	8.00	cps
Erbium	164-1	200	150	133	161	21.53	cps
Erbium	164-2	103	83	70	86	19.61	cps
Gadolinium	160-1	125	200	125	150	28.87	cps
Gadolinium	160-2	120	137	160	139	14.47	cps
Holmium	165-1	8962403	8853153	8928578	8914711	0.63	cps
Holmium	165-2	4753662	4820660	4755242	4776521	0.80	cps
Indium	115-1	6291000	6184710	6219537	6231749	0.87	cps
Indium	115-2	1303144	1322503	1305147	1310265	0.81	cps
Iron	56-2	13137092	13025269	12930725	13031029	0.79	cps
Iron	57-2	319101	317593	317266	317987	0.31	cps
Lead	206-1	1911	1939	1984	1945	1.87	cps
Lead	207-1	1561	1606	1589	1585	1.42	cps
Lead	208-1	7496	7507	7429	7477	0.56	cps
Lithium	6-1	1605284	1605418	1619546	1610083	0.51	cps
Magnesium	24-2	3605158	3584356	3533045	3574187	1.04	cps
Manganese	55-2	791363	784317	780785	785488	0.69	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-07	Instrumnet Name :	P7
Client Sample ID :	S36-0133	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 17:07:46	DataFile Name :	039SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1075	808	1017	967	14.50	cps
Molybdenum	95-1	1017	1175	950	1047	11.04	cps
Molybdenum	96-1	1300	1100	1442	1281	13.41	cps
Molybdenum	97-1	550	575	642	589	8.05	cps
Molybdenum	98-1	1767	1759	1875	1800	3.62	cps
Neodymium	150-1	173	207	133	171	21.46	cps
Neodymium	150-2	60	83	83	76	17.83	cps
Nickel	60-2	427	463	507	466	8.60	cps
Phosphorus	31-2	225	225	158	203	18.98	cps
Potassium	39-2	611729	608052	601563	607115	0.85	cps
Rhodium	103-1	5317762	5206758	5221946	5248822	1.15	cps
Rhodium	103-2	2562931	2577869	2559346	2566715	0.38	cps
Scandium	45-1	3164077	3089835	3098355	3117422	1.30	cps
Scandium	45-2	145947	147347	144193	145829	1.08	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	33	57	31	41	35.51	cps
Selenium	82-1	22	34	15	23	40.41	cps
Silicon	28-1	16878970	16866371	16739262	16828201	0.46	cps
Silver	109-1	2209	1917	1825	1984	10.09	cps
Silver	107-1	2042	1850	1834	1909	6.07	cps
Sodium	23-2	9668336	9578942	9442822	9563367	1.19	cps
Strontium	86-1	1217245	1217692	1214291	1216410	0.15	cps
Strontium	88-1	10938949	10935012	10989151	10954371	0.28	cps
Sulfur	34-1	663336	658075	650141	657184	1.01	cps
Terbium	159-1	9179031	9108702	9116903	9134879	0.42	cps
Terbium	159-2	4600680	4707531	4615678	4641296	1.25	cps
Thallium	203-1	258	258	258	258	0.00	cps
Thallium	205-1	750	700	683	711	4.88	cps
Tin	118-1	14041	15526	15718	15095	6.08	cps
Titanium	47-1	925	992	1042	986	5.94	cps
Uranium	238-1	19557	18973	18447	18992	2.92	cps
Vanadium	51-2	557	560	583	567	2.56	cps
Yttrium	89-1	6208485	6110842	6118776	6146034	0.88	cps
Yttrium	89-2	930604	940497	921387	930830	1.03	cps
Zinc	66-2	3897	4054	4127	4026	2.92	cps
Zirconium	90-1	1108	1225	1108	1147	5.87	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-07	Instrumnet Name :	P7
Client Sample ID :	S36-0133	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 17:07:46	DataFile Name :	039SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	317	317	158	264	34.64	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-08	Instrumnet Name :	P7
Client Sample ID :	S36-0134	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 17:11:19	DataFile Name :	040SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	325	350	275	317	12.06	cps
Antimony	121-1	9070	9762	9370	9401	3.69	cps
Arsenic	75-2	6878	6474	6668	6673	3.03	cps
Barium	135-1	45333	45793	47198	46108	2.11	cps
Barium	137-1	79737	81112	83032	81294	2.04	cps
Beryllium	9-1	222	167	289	226	27.09	cps
Bismuth	209-1	5751874	5896227	5852164	5833422	1.27	cps
Bismuth	209-2	3285195	3372691	3347348	3335078	1.35	cps
Boron	10-1	3909	4059	4301	4090	4.83	cps
Boron	11-1	18837	19538	20331	19569	3.82	cps
Cadmium	111-1	836	929	789	851	8.37	cps
Cadmium	106-1	1600	1792	1492	1628	9.33	cps
Cadmium	108-1	8	13	4	8	49.98	cps
Calcium	43-1	1594276	1616145	1627298	1612573	1.04	cps
Calcium	44-1	26245478	26718145	26766190	26576604	1.08	cps
Chromium	52-2	1193	1080	1107	1127	5.26	cps
Cobalt	59-2	267	270	287	274	3.91	cps
Copper	63-2	25225	25609	25532	25456	0.80	cps
Dysprosium	156-1	67	33	92	64	45.81	cps
Dysprosium	156-2	33	77	47	52	42.50	cps
Erbium	164-1	117	158	108	128	20.96	cps
Erbium	164-2	70	47	50	56	22.71	cps
Gadolinium	160-1	42	75	142	86	59.13	cps
Gadolinium	160-2	153	147	150	150	2.22	cps
Holmium	165-1	8787362	8958064	8936638	8894021	1.05	cps
Holmium	165-2	4669809	4826194	4779169	4758391	1.69	cps
Indium	115-1	6092050	6205722	6205163	6167645	1.06	cps
Indium	115-2	1285132	1319649	1306139	1303640	1.33	cps
Iron	56-2	12125616	12034392	11934138	12031382	0.80	cps
Iron	57-2	297300	294488	290131	293973	1.23	cps
Lead	206-1	1717	1739	1706	1721	0.99	cps
Lead	207-1	1261	1345	1495	1367	8.65	cps
Lead	208-1	6323	6718	6734	6592	3.53	cps
Lithium	6-1	1554266	1579815	1582271	1572117	0.99	cps
Magnesium	24-2	3448039	3429659	3397799	3425166	0.74	cps
Manganese	55-2	759412	758480	753122	757004	0.45	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-08	Instrumnet Name :	P7
Client Sample ID :	S36-0134	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 17:11:19	DataFile Name :	040SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	917	1008	850	925	8.59	cps
Molybdenum	95-1	1008	1008	983	1000	1.44	cps
Molybdenum	96-1	1125	1383	1267	1258	10.28	cps
Molybdenum	97-1	608	767	667	681	11.77	cps
Molybdenum	98-1	1400	1684	1550	1545	9.18	cps
Neodymium	150-1	93	100	127	107	16.53	cps
Neodymium	150-2	33	43	27	34	24.35	cps
Nickel	60-2	307	293	313	304	3.35	cps
Phosphorus	31-2	158	150	150	153	3.15	cps
Potassium	39-2	581181	586328	577290	581600	0.78	cps
Rhodium	103-1	5168671	5240112	5253049	5220611	0.87	cps
Rhodium	103-2	2514409	2594958	2566963	2558777	1.60	cps
Scandium	45-1	3035634	3078483	3056288	3056801	0.70	cps
Scandium	45-2	141098	146320	142369	143262	1.90	cps
Selenium	77-2	17	0	3	7	132.33	cps
Selenium	78-2	39	30	33	34	13.73	cps
Selenium	82-1	5	3	35	14	127.64	cps
Silicon	28-1	15965478	16238378	16294911	16166256	1.09	cps
Silver	109-1	1600	1600	1634	1611	1.20	cps
Silver	107-1	1508	1533	1692	1578	6.30	cps
Sodium	23-2	9220444	9159442	9053123	9144336	0.93	cps
Strontium	86-1	1163717	1199034	1201686	1188146	1.78	cps
Strontium	88-1	10543602	10801559	10857289	10734150	1.56	cps
Sulfur	34-1	631598	643814	641845	639086	1.03	cps
Terbium	159-1	8981586	9156883	9157206	9098558	1.11	cps
Terbium	159-2	4580074	4679543	4677438	4645685	1.22	cps
Thallium	203-1	217	183	92	164	39.50	cps
Thallium	205-1	408	375	442	408	8.16	cps
Tin	118-1	12322	12373	12940	12545	2.73	cps
Titanium	47-1	833	1000	950	928	9.22	cps
Uranium	238-1	18180	18898	18380	18486	2.00	cps
Vanadium	51-2	500	520	480	500	4.00	cps
Yttrium	89-1	6004569	6141795	6126204	6090856	1.23	cps
Yttrium	89-2	907839	934769	924499	922369	1.47	cps
Zinc	66-2	2047	2110	2027	2061	2.11	cps
Zirconium	90-1	1075	1000	1100	1058	4.92	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-08	Instrumnet Name :	P7
Client Sample ID :	S36-0134	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 17:11:19	DataFile Name :	040SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	225	250	258	244	7.10	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-09	Instrumnet Name :	P7
Client Sample ID :	S36-0137	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 17:14:53	DataFile Name :	041SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21583	21576	21475	21545	0.28	cps
Antimony	121-1	10187	10413	9595	10065	4.19	cps
Arsenic	75-2	3943	3980	3997	3973	0.69	cps
Barium	135-1	45275	46361	46361	45999	1.36	cps
Barium	137-1	78095	78464	79486	78682	0.92	cps
Beryllium	9-1	189	222	211	207	8.18	cps
Bismuth	209-1	5812356	5832771	5899247	5848125	0.78	cps
Bismuth	209-2	3343452	3331933	3346966	3340784	0.24	cps
Boron	10-1	3926	4017	3842	3928	2.23	cps
Boron	11-1	19113	18721	19413	19082	1.82	cps
Cadmium	111-1	743	836	789	789	5.92	cps
Cadmium	106-1	1467	1609	1475	1517	5.25	cps
Cadmium	108-1	17	8	4	10	65.47	cps
Calcium	43-1	590663	592228	585635	589509	0.58	cps
Calcium	44-1	9801551	9752769	9701329	9751883	0.51	cps
Chromium	52-2	2624	2900	2734	2753	5.06	cps
Cobalt	59-2	853	927	943	908	5.27	cps
Copper	63-2	25142	25659	26147	25649	1.96	cps
Dysprosium	156-1	750	658	600	669	11.30	cps
Dysprosium	156-2	387	340	287	338	14.81	cps
Erbium	164-1	617	467	592	558	14.39	cps
Erbium	164-2	350	283	300	311	11.15	cps
Gadolinium	160-1	675	650	600	642	5.95	cps
Gadolinium	160-2	450	403	363	406	10.70	cps
Holmium	165-1	8688537	8753732	8891477	8777916	1.18	cps
Holmium	165-2	4701264	4672700	4702232	4692065	0.36	cps
Indium	115-1	6081983	6113997	6160587	6118856	0.65	cps
Indium	115-2	1293752	1289425	1294017	1292398	0.20	cps
Iron	56-2	773509	774614	778405	775509	0.33	cps
Iron	57-2	20865	21772	21399	21346	2.14	cps
Lead	206-1	6168	6263	6241	6224	0.79	cps
Lead	207-1	5018	4784	4996	4933	2.61	cps
Lead	208-1	23954	23915	23915	23928	0.09	cps
Lithium	6-1	1524195	1527853	1543245	1531764	0.66	cps
Magnesium	24-2	1002032	1000615	997819	1000155	0.21	cps
Manganese	55-2	39059	38116	39276	38817	1.59	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-09	Instrumnet Name :	P7
Client Sample ID :	S36-0137	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 17:14:53	DataFile Name :	041SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5126	4793	5184	5034	4.20	cps
Molybdenum	95-1	7035	6252	6185	6491	7.29	cps
Molybdenum	96-1	7010	7361	6994	7122	2.91	cps
Molybdenum	97-1	4167	4309	4509	4329	3.97	cps
Molybdenum	98-1	10004	10463	9887	10118	3.01	cps
Neodymium	150-1	940	993	1247	1060	15.46	cps
Neodymium	150-2	383	510	533	476	16.97	cps
Nickel	60-2	770	810	850	810	4.94	cps
Phosphorus	31-2	242	242	117	200	36.09	cps
Potassium	39-2	1314244	1319776	1324793	1319604	0.40	cps
Rhodium	103-1	5212274	5172647	5231587	5205503	0.58	cps
Rhodium	103-2	2543142	2540179	2541915	2541745	0.06	cps
Scandium	45-1	2989709	2981304	3007302	2992772	0.44	cps
Scandium	45-2	141131	139846	139201	140059	0.70	cps
Selenium	77-2	7	10	23	13	66.12	cps
Selenium	78-2	31	33	35	33	5.57	cps
Selenium	82-1	35	-33	71	24	219.59	cps
Silicon	28-1	11534975	11550614	11475503	11520364	0.34	cps
Silver	109-1	1250	1533	1375	1386	10.24	cps
Silver	107-1	1258	1342	1358	1320	4.06	cps
Sodium	23-2	6530236	6558180	6580608	6556341	0.38	cps
Strontium	86-1	608182	605294	606614	606697	0.24	cps
Strontium	88-1	5521614	5479845	5479638	5493699	0.44	cps
Sulfur	34-1	239277	237625	232047	236316	1.60	cps
Terbium	159-1	8855417	8960176	9081344	8965645	1.26	cps
Terbium	159-2	4553294	4554252	4564247	4557265	0.13	cps
Thallium	203-1	267	275	250	264	4.83	cps
Thallium	205-1	483	500	592	525	11.11	cps
Tin	118-1	11038	11305	11588	11311	2.43	cps
Titanium	47-1	13924	13632	15339	14298	6.39	cps
Uranium	238-1	44385	44102	45707	44731	1.92	cps
Vanadium	51-2	2337	2450	2487	2425	3.23	cps
Yttrium	89-1	5943271	6008793	6055419	6002494	0.94	cps
Yttrium	89-2	909914	902020	904272	905402	0.45	cps
Zinc	66-2	13913	13853	13867	13878	0.23	cps
Zirconium	90-1	3926	4120	6183	4743	26.37	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-09	Instrumnet Name :	P7
Client Sample ID :	S36-0137	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 17:14:53	DataFile Name :	041SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	892	917	775	861	8.78	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-10	Instrumnet Name :	P7
Client Sample ID :	S36-0139	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 17:18:27	DataFile Name :	042SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1125	1300	1042	1156	11.41	cps
Antimony	121-1	9487	10187	10871	10182	6.80	cps
Arsenic	75-2	2389	2335	2261	2329	2.76	cps
Barium	135-1	77173	75874	77181	76743	0.98	cps
Barium	137-1	136859	134916	134992	135589	0.81	cps
Beryllium	9-1	167	161	172	167	3.33	cps
Bismuth	209-1	5719111	6002631	6022468	5914737	2.87	cps
Bismuth	209-2	3397162	3409784	3390307	3399084	0.29	cps
Boron	10-1	3776	4059	3934	3923	3.62	cps
Boron	11-1	18879	18696	19388	18988	1.89	cps
Cadmium	111-1	794	884	825	834	5.49	cps
Cadmium	106-1	1475	1617	1567	1553	4.63	cps
Cadmium	108-1	8	17	13	13	33.36	cps
Calcium	43-1	1374425	1365818	1359013	1366419	0.57	cps
Calcium	44-1	22702377	22689816	22615486	22669227	0.21	cps
Chromium	52-2	1297	1407	1350	1351	4.07	cps
Cobalt	59-2	837	803	883	841	4.78	cps
Copper	63-2	23272	23219	23780	23423	1.32	cps
Dysprosium	156-1	67	100	50	72	35.26	cps
Dysprosium	156-2	40	37	50	42	16.43	cps
Erbium	164-1	125	100	133	119	14.52	cps
Erbium	164-2	67	57	53	59	11.79	cps
Gadolinium	160-1	58	100	158	106	47.58	cps
Gadolinium	160-2	147	153	100	133	21.80	cps
Holmium	165-1	8671961	9118344	9216006	9002104	3.22	cps
Holmium	165-2	4825639	4847227	4841032	4837966	0.23	cps
Indium	115-1	6100472	6364643	6441575	6302230	2.84	cps
Indium	115-2	1326163	1323891	1325382	1325145	0.09	cps
Iron	56-2	796541	795261	792808	794870	0.24	cps
Iron	57-2	24437	24410	24187	24345	0.56	cps
Lead	206-1	2139	2095	2045	2093	2.26	cps
Lead	207-1	1795	2078	1856	1909	7.81	cps
Lead	208-1	8629	8824	8490	8648	1.94	cps
Lithium	6-1	1508456	1571010	1571937	1550468	2.35	cps
Magnesium	24-2	2916643	2892971	2910775	2906797	0.42	cps
Manganese	55-2	416557	413806	411970	414111	0.56	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-10	Instrumnet Name :	P7
Client Sample ID :	S36-0139	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 17:18:27	DataFile Name :	042SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2159	2009	1992	2053	4.47	cps
Molybdenum	95-1	3076	3326	2925	3109	6.50	cps
Molybdenum	96-1	3576	3100	3209	3295	7.56	cps
Molybdenum	97-1	2017	2050	1950	2006	2.54	cps
Molybdenum	98-1	5034	5034	5101	5057	0.76	cps
Neodymium	150-1	67	113	140	107	34.80	cps
Neodymium	150-2	33	30	37	33	10.01	cps
Nickel	60-2	1000	887	990	959	6.54	cps
Phosphorus	31-2	158	175	133	156	13.48	cps
Potassium	39-2	617124	618123	611239	615495	0.60	cps
Rhodium	103-1	5111602	5357612	5400933	5290049	2.95	cps
Rhodium	103-2	2610407	2604437	2608508	2607784	0.12	cps
Scandium	45-1	2998469	3142454	3150485	3097136	2.76	cps
Scandium	45-2	144321	145270	143550	144381	0.60	cps
Selenium	77-2	3	17	13	11	62.48	cps
Selenium	78-2	41	44	41	42	5.09	cps
Selenium	82-1	-43	28	21	2	2115.10	cps
Silicon	28-1	14748405	14690814	14637006	14692075	0.38	cps
Silver	109-1	1058	1100	1058	1072	2.24	cps
Silver	107-1	933	1200	1092	1075	12.48	cps
Sodium	23-2	6147985	6124305	6111807	6128032	0.30	cps
Strontium	86-1	1045585	1053724	1047975	1049095	0.40	cps
Strontium	88-1	9479354	9525949	9544029	9516444	0.35	cps
Sulfur	34-1	331168	330100	331968	331079	0.28	cps
Terbium	159-1	8926039	9383060	9427922	9245674	3.00	cps
Terbium	159-2	4695945	4725072	4724026	4715015	0.35	cps
Thallium	203-1	200	158	125	161	23.32	cps
Thallium	205-1	467	475	333	425	18.71	cps
Tin	118-1	10363	10137	11255	10585	5.58	cps
Titanium	47-1	1092	1075	992	1053	5.09	cps
Uranium	238-1	45899	45690	46250	45946	0.62	cps
Vanadium	51-2	1047	1077	1133	1086	4.05	cps
Yttrium	89-1	5971387	6306808	6335370	6204522	3.26	cps
Yttrium	89-2	940506	944491	936433	940477	0.43	cps
Zinc	66-2	9090	9203	9146	9146	0.62	cps
Zirconium	90-1	942	875	875	897	4.29	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-10	Instrumnet Name :	P7
Client Sample ID :	S36-0139	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 17:18:27	DataFile Name :	042SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	167	283	283	244	27.56	cps

LB Number : LB96029 Operator : Jaswal
 Lab Sample ID : J3477-11 Instrumnet Name : P7
 Client Sample ID : S36-EB-2018-1 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-14 17:22:00 DataFile Name : 043SMPL_P7061418 M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	425	408	358	397	8.73	cps
Antimony	121-1	11197	11764	12456	11805	5.34	cps
Arsenic	75-2	102	113	113	109	5.87	cps
Barium	135-1	625	558	617	600	6.05	cps
Barium	137-1	958	875	825	886	7.60	cps
Beryllium	9-1	133	128	144	135	6.28	cps
Bismuth	209-1	6239186	6310097	6310138	6286474	0.65	cps
Bismuth	209-2	3502917	3483744	3521977	3502879	0.55	cps
Boron	10-1	667	750	858	758	12.67	cps
Boron	11-1	3617	3409	3534	3520	2.98	cps
Cadmium	111-1	893	850	944	896	5.26	cps
Cadmium	106-1	1675	1542	1817	1678	8.20	cps
Cadmium	108-1	4	0	8	4	99.96	cps
Calcium	43-1	1450	1542	1709	1567	8.36	cps
Calcium	44-1	28103	29372	30958	29477	4.85	cps
Chromium	52-2	1353	1210	1397	1320	7.40	cps
Cobalt	59-2	77	77	67	73	7.87	cps
Copper	63-2	25442	25556	25696	25565	0.50	cps
Dysprosium	156-1	25	17	8	17	50.01	cps
Dysprosium	156-2	3	10	0	4	114.60	cps
Erbium	164-1	42	83	42	56	43.30	cps
Erbium	164-2	30	10	7	16	81.11	cps
Gadolinium	160-1	33	58	25	39	44.61	cps
Gadolinium	160-2	80	110	127	106	22.41	cps
Holmium	165-1	9165059	9280508	9334304	9259957	0.93	cps
Holmium	165-2	4790940	4796050	4864035	4817009	0.85	cps
Indium	115-1	6523409	6570577	6639279	6577755	0.89	cps
Indium	115-2	1339251	1341578	1342189	1341006	0.12	cps
Iron	56-2	22924	21861	22562	22449	2.41	cps
Iron	57-2	717	617	722	685	8.67	cps
Lead	206-1	4845	4884	4807	4845	0.80	cps
Lead	207-1	4329	4329	4262	4306	0.89	cps
Lead	208-1	18789	19212	18722	18908	1.40	cps
Lithium	6-1	1550205	1573739	1570176	1564706	0.81	cps
Magnesium	24-2	1567	1642	1534	1581	3.51	cps
Manganese	55-2	1240	1130	1220	1197	4.90	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-11	Instrumnet Name :	P7
Client Sample ID :	S36-EB-2018-1	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 17:22:00	DataFile Name :	043SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	342	333	350	342	2.44	cps
Molybdenum	95-1	92	75	133	100	30.05	cps
Molybdenum	96-1	183	167	192	181	7.05	cps
Molybdenum	97-1	100	100	150	117	24.74	cps
Molybdenum	98-1	233	133	100	156	44.61	cps
Neodymium	150-1	33	7	13	18	78.05	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	697	630	657	661	5.08	cps
Phosphorus	31-2	75	92	117	94	22.21	cps
Potassium	39-2	37089	37047	36872	37003	0.31	cps
Rhodium	103-1	5594905	5651429	5673405	5639913	0.72	cps
Rhodium	103-2	2676528	2677313	2711906	2688583	0.75	cps
Scandium	45-1	3179272	3193111	3207011	3193131	0.43	cps
Scandium	45-2	143116	144388	145199	144235	0.73	cps
Selenium	77-2	13	7	20	13	49.99	cps
Selenium	78-2	54	28	35	39	34.33	cps
Selenium	82-1	-30	2	30	1	3296.33	cps
Silicon	28-1	221456	220852	223563	221957	0.64	cps
Silver	109-1	967	1250	1042	1086	13.52	cps
Silver	107-1	1350	1242	1208	1267	5.85	cps
Sodium	23-2	83758	82569	81848	82725	1.17	cps
Strontium	86-1	808	933	1092	945	15.04	cps
Strontium	88-1	5118	6060	5468	5549	8.58	cps
Sulfur	34-1	157272	155967	155360	156200	0.63	cps
Terbium	159-1	9325633	9553594	9531021	9470083	1.33	cps
Terbium	159-2	4711061	4703218	4732118	4715466	0.32	cps
Thallium	203-1	100	125	117	114	11.18	cps
Thallium	205-1	375	317	317	336	10.02	cps
Tin	118-1	9745	9829	9937	9837	0.98	cps
Titanium	47-1	392	383	375	383	2.17	cps
Uranium	238-1	133	117	133	128	7.53	cps
Vanadium	51-2	1043	893	1017	984	8.13	cps
Yttrium	89-1	6309969	6403697	6421003	6378223	0.94	cps
Yttrium	89-2	932040	933751	944200	936664	0.70	cps
Zinc	66-2	3984	4137	4081	4067	1.91	cps
Zirconium	90-1	750	733	700	728	3.50	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3477-11	Instrumnet Name :	P7
Client Sample ID :	S36-EB-2018-1	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 17:22:00	DataFile Name :	043SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	183	100	139	30.20	cps

LB Number : LB96029 Operator : Jaswal
 Lab Sample ID : J3479-01 Instrumnet Name : P7
 Client Sample ID : SS050MW114R-180611 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-14 17:25:34 DataFile Name : 044SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1643973	1630013	1652955	1642314	0.70	cps
Antimony	121-1	13315	13248	13582	13382	1.32	cps
Arsenic	75-2	19632	19506	19643	19594	0.39	cps
Barium	135-1	43720	44497	43886	44034	0.93	cps
Barium	137-1	77032	77089	77064	77062	0.04	cps
Beryllium	9-1	1395	1500	1361	1419	5.11	cps
Bismuth	209-1	4599490	4653804	4590153	4614482	0.74	cps
Bismuth	209-2	2609881	2647486	2643771	2633713	0.79	cps
Boron	10-1	64320	65475	64939	64912	0.89	cps
Boron	11-1	300006	305184	311800	305663	1.93	cps
Cadmium	111-1	17520	17659	17183	17454	1.40	cps
Cadmium	106-1	3184	3184	2934	3100	4.66	cps
Cadmium	108-1	1171	1204	1283	1220	4.74	cps
Calcium	43-1	5284730	5377705	5444494	5368976	1.49	cps
Calcium	44-1	86309894	87479331	89151179	87646801	1.63	cps
Chromium	52-2	1094312	1083363	1090516	1089397	0.51	cps
Cobalt	59-2	427112	426605	428443	427387	0.22	cps
Copper	63-2	1167223	1158984	1155958	1160722	0.50	cps
Dysprosium	156-1	38814	37978	38915	38569	1.33	cps
Dysprosium	156-2	21247	21320	20649	21072	1.75	cps
Erbium	164-1	42793	42007	42635	42479	0.98	cps
Erbium	164-2	21935	21828	21647	21803	0.67	cps
Gadolinium	160-1	38070	37895	38238	38068	0.45	cps
Gadolinium	160-2	22175	22355	22646	22392	1.06	cps
Holmium	165-1	7813149	8019229	7935792	7922724	1.31	cps
Holmium	165-2	4160145	4238994	4223636	4207592	0.99	cps
Indium	115-1	5173648	5270807	5207776	5217411	0.94	cps
Indium	115-2	1117873	1141130	1142524	1133843	1.22	cps
Iron	56-2	114540433	114003228	114686019	114409893	0.31	cps
Iron	57-2	2773145	2765115	2767568	2768609	0.15	cps
Lead	206-1	2484191	2454682	2470355	2469742	0.60	cps
Lead	207-1	2048606	2018655	2028309	2031857	0.75	cps
Lead	208-1	9673184	9544763	9576954	9598300	0.70	cps
Lithium	6-1	1111053	1127633	1117842	1118843	0.74	cps
Magnesium	24-2	5992784	5944422	6033055	5990087	0.74	cps
Manganese	55-2	6005503	5979057	6025786	6003449	0.39	cps

LB Number : LB96029 Operator : Jaswal
 Lab Sample ID : J3479-01 Instrumnet Name : P7
 Client Sample ID : SS050MW114R-180611 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-14 17:25:34 DataFile Name : 044SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	48467	49077	49829	49124	1.39	cps
Molybdenum	95-1	50440	50172	50900	50504	0.73	cps
Molybdenum	96-1	56396	57776	58379	57517	1.77	cps
Molybdenum	97-1	29857	30492	30433	30261	1.16	cps
Molybdenum	98-1	79061	79521	79706	79429	0.42	cps
Neodymium	150-1	51965	52567	53899	52810	1.87	cps
Neodymium	150-2	22582	22843	22759	22728	0.59	cps
Nickel	60-2	231962	228689	229389	230013	0.75	cps
Phosphorus	31-2	5101	5285	5610	5332	4.83	cps
Potassium	39-2	2480900	2472212	2478820	2477311	0.18	cps
Rhodium	103-1	4180188	4276671	4263185	4240015	1.23	cps
Rhodium	103-2	2074551	2122402	2124810	2107254	1.35	cps
Scandium	45-1	2974003	3037543	3057223	3022923	1.44	cps
Scandium	45-2	137999	138382	139668	138683	0.63	cps
Selenium	77-2	90	107	87	94	11.35	cps
Selenium	78-2	176	131	204	170	21.38	cps
Selenium	82-1	-4197	-4288	-4812	-4433	-7.49	cps
Silicon	28-1	87842279	88413106	90091112	88782166	1.32	cps
Silver	109-1	1900	2317	2850	2356	20.22	cps
Silver	107-1	2025	2542	2784	2450	15.81	cps
Sodium	23-2	708129032	702834316	708814816	706592721	0.46	cps
Strontium	86-1	2119234	2128600	2143310	2130381	0.57	cps
Strontium	88-1	19130383	19119899	19232945	19161076	0.33	cps
Sulfur	34-1	58292424	58919518	59556570	58922837	1.07	cps
Terbium	159-1	7969816	8148971	8072419	8063735	1.11	cps
Terbium	159-2	4041785	4114273	4117635	4091231	1.05	cps
Thallium	203-1	8770	8170	8328	8423	3.70	cps
Thallium	205-1	20266	20108	19741	20038	1.35	cps
Tin	118-1	10137	11263	10946	10782	5.38	cps
Titanium	47-1	43588	35064	33777	37476	14.23	cps
Uranium	238-1	253933	249499	249857	251096	0.98	cps
Vanadium	51-2	195209	193440	193798	194149	0.48	cps
Yttrium	89-1	5946575	6045409	6021978	6004654	0.86	cps
Yttrium	89-2	929146	939915	949008	939356	1.06	cps
Zinc	66-2	107182	106018	105434	106211	0.84	cps
Zirconium	90-1	58529	58094	60221	58948	1.91	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3479-01	Instrumnet Name :	P7
Client Sample ID :	SS050MW114R-180611	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 17:25:34	DataFile Name :	044SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	13315	13023	13874	13404	3.23	cps

LB Number : LB96029 Operator : Jaswal
 Lab Sample ID : J3479-02 Instrumnet Name : P7
 Client Sample ID : SS050MW114R-180611-I Dilution Factor : 1
 Date & Time Acquired :: 2018-06-14 17:29:10 DataFile Name : 045SMPL_P7061418 M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1982697	1986164	2006305	1991722	0.64	cps
Antimony	121-1	2322167	2344205	2343801	2336725	0.54	cps
Arsenic	75-2	90343	88951	89980	89758	0.80	cps
Barium	135-1	3149056	3170318	3142662	3154012	0.46	cps
Barium	137-1	5578213	5608389	5572439	5586347	0.35	cps
Beryllium	9-1	348273	345118	344280	345890	0.61	cps
Bismuth	209-1	4661715	4739835	4654200	4685250	1.01	cps
Bismuth	209-2	2549291	2586493	2570363	2568716	0.73	cps
Boron	10-1	107789	109234	108991	108671	0.71	cps
Boron	11-1	514983	521010	529249	521747	1.37	cps
Cadmium	111-1	488234	489595	483420	487083	0.67	cps
Cadmium	106-1	51971	53611	55074	53552	2.90	cps
Cadmium	108-1	35645	36389	36606	36213	1.39	cps
Calcium	43-1	6486954	6526646	6538345	6517315	0.41	cps
Calcium	44-1	105996919	106200432	106758846	106318732	0.37	cps
Chromium	52-2	1655880	1648307	1663816	1656001	0.47	cps
Cobalt	59-2	1329816	1333800	1340549	1334722	0.41	cps
Copper	63-2	2361853	2360660	2372330	2364948	0.27	cps
Dysprosium	156-1	39884	41012	39265	40054	2.21	cps
Dysprosium	156-2	20395	20672	19958	20342	1.77	cps
Erbium	164-1	42542	43755	42258	42851	1.86	cps
Erbium	164-2	21220	21083	21320	21208	0.56	cps
Gadolinium	160-1	39165	39742	38547	39151	1.53	cps
Gadolinium	160-2	21360	22228	22138	21909	2.18	cps
Holmium	165-1	8152098	8391241	8207941	8250427	1.52	cps
Holmium	165-2	4112065	4224452	4166965	4167827	1.35	cps
Indium	115-1	5373104	5528435	5428348	5443296	1.45	cps
Indium	115-2	1108797	1130698	1130006	1123167	1.11	cps
Iron	56-2	137439473	137057120	137513959	137336850	0.18	cps
Iron	57-2	3356048	3330533	3371803	3352795	0.62	cps
Lead	206-1	4622437	4619411	4616247	4619365	0.07	cps
Lead	207-1	3859974	3852635	3853448	3855352	0.10	cps
Lead	208-1	18217399	18092403	18097663	18135822	0.39	cps
Lithium	6-1	1164605	1187999	1164476	1172360	1.16	cps
Magnesium	24-2	10051825	10119170	10198816	10123270	0.73	cps
Manganese	55-2	6630008	6656793	6670147	6652316	0.31	cps

LB Number : LB96029 Operator : Jaswal
 Lab Sample ID : J3479-02 Instrumnet Name : P7
 Client Sample ID : SS050MW114R-180611-I Dilution Factor : 1
 Date & Time Acquired :: 2018-06-14 17:29:10 DataFile Name : 045SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4692971	4762856	4721842	4725890	0.74	cps
Molybdenum	95-1	5761509	5822835	5773992	5786112	0.56	cps
Molybdenum	96-1	6350991	6421317	6390556	6387621	0.55	cps
Molybdenum	97-1	3534965	3566335	3541966	3547755	0.46	cps
Molybdenum	98-1	9250811	9328737	9283348	9287632	0.42	cps
Neodymium	150-1	54140	55104	53652	54299	1.36	cps
Neodymium	150-2	21807	22001	21674	21827	0.75	cps
Nickel	60-2	456485	456489	460004	457659	0.44	cps
Phosphorus	31-2	4943	5385	5218	5182	4.31	cps
Potassium	39-2	4732314	4712566	4727291	4724057	0.22	cps
Rhodium	103-1	4406166	4579629	4467709	4484501	1.96	cps
Rhodium	103-2	2091797	2141885	2121136	2118273	1.19	cps
Scandium	45-1	3277531	3370539	3311705	3319925	1.42	cps
Scandium	45-2	140770	142585	141780	141712	0.64	cps
Selenium	77-2	1737	1790	1687	1738	2.97	cps
Selenium	78-2	5631	5368	5484	5494	2.40	cps
Selenium	82-1	29487	30290	29388	29721	1.66	cps
Silicon	28-1	100091915	100285698	100658361	100345324	0.29	cps
Silver	109-1	1909932	1913384	1915740	1913018	0.15	cps
Silver	107-1	2008896	2014495	2005992	2009795	0.22	cps
Sodium	23-2	707367416	705639282	714306583	709104427	0.65	cps
Strontium	86-1	2992643	3002239	3001477	2998786	0.18	cps
Strontium	88-1	26707560	26859238	26915356	26827385	0.40	cps
Sulfur	34-1	63889487	64289739	64148214	64109147	0.32	cps
Terbium	159-1	8305208	8602369	8393778	8433785	1.81	cps
Terbium	159-2	4024450	4113874	4057959	4065428	1.11	cps
Thallium	203-1	2553223	2541115	2529349	2541229	0.47	cps
Thallium	205-1	6224207	6209503	6217777	6217162	0.12	cps
Tin	118-1	1852698	1874959	1877846	1868501	0.74	cps
Titanium	47-1	1477394	1486039	1492419	1485284	0.51	cps
Uranium	238-1	9770875	9836030	9746030	9784312	0.48	cps
Vanadium	51-2	700709	696222	704081	700337	0.56	cps
Yttrium	89-1	6346904	6534752	6426112	6435923	1.47	cps
Yttrium	89-2	936362	954195	947092	945883	0.95	cps
Zinc	66-2	269305	270215	273416	270979	0.80	cps
Zirconium	90-1	4071296	4080752	4062196	4071415	0.23	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3479-02	Instrumnet Name :	P7
Client Sample ID :	SS050MW114R-180611-I	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 17:29:10	DataFile Name :	045SMPL_P7061418 M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	889184	899019	887934	892046	0.68	cps

LB Number : LB96029 Operator : Jaswal
 Lab Sample ID : J3479-03 Instrumnet Name : P7
 Client Sample ID : SS050MW114R-180611-I Dilution Factor : 1
 Date & Time Acquired :: 2018-06-14 17:32:50 DataFile Name : 046SMPL_P7061418 M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1965992	1980417	1878100	1941503	2.85	cps
Antimony	121-1	2292494	2248174	2209722	2250130	1.84	cps
Arsenic	75-2	88372	89536	83603	87170	3.61	cps
Barium	135-1	3060913	2991311	2946372	2999532	1.92	cps
Barium	137-1	5408660	5302062	5185201	5298641	2.11	cps
Beryllium	9-1	346336	336941	330461	337913	2.36	cps
Bismuth	209-1	4616455	4568365	4377295	4520705	2.80	cps
Bismuth	209-2	2462901	2521790	2402649	2462447	2.42	cps
Boron	10-1	107563	108496	105474	107178	1.44	cps
Boron	11-1	524004	514434	503287	513908	2.02	cps
Cadmium	111-1	477942	469557	461646	469715	1.73	cps
Cadmium	106-1	51511	50876	50466	50951	1.03	cps
Cadmium	108-1	36401	34722	34605	35243	2.85	cps
Calcium	43-1	6519615	6382102	6301425	6401047	1.72	cps
Calcium	44-1	106278486	104102994	102848444	104409975	1.66	cps
Chromium	52-2	1644056	1654646	1564533	1621078	3.04	cps
Cobalt	59-2	1315988	1330340	1257622	1301316	2.96	cps
Copper	63-2	2308505	2349489	2222993	2293662	2.81	cps
Dysprosium	156-1	39776	38505	37452	38577	3.02	cps
Dysprosium	156-2	20128	20075	19407	19870	2.02	cps
Erbium	164-1	42985	43069	41314	42456	2.33	cps
Erbium	164-2	20763	21083	20078	20641	2.49	cps
Gadolinium	160-1	38948	38229	37193	38123	2.31	cps
Gadolinium	160-2	21447	21323	20279	21016	3.05	cps
Holmium	165-1	8214986	8103819	7792573	8037126	2.72	cps
Holmium	165-2	4007700	4101882	3892210	4000597	2.63	cps
Indium	115-1	5415440	5359804	5135741	5303662	2.79	cps
Indium	115-2	1078110	1108668	1055704	1080827	2.46	cps
Iron	56-2	135898925	136805861	129829103	134177963	2.83	cps
Iron	57-2	3303464	3324813	3144071	3257449	3.03	cps
Lead	206-1	4532595	4449035	4353865	4445165	2.01	cps
Lead	207-1	3762830	3692502	3622797	3692710	1.90	cps
Lead	208-1	17789240	17407791	17099310	17432114	1.98	cps
Lithium	6-1	1163365	1150029	1108491	1140628	2.51	cps
Magnesium	24-2	10016373	10083170	9619351	9906298	2.53	cps
Manganese	55-2	6579300	6639521	6291552	6503457	2.86	cps

LB Number : LB96029 Operator : Jaswal
 Lab Sample ID : J3479-03 Instrumnet Name : P7
 Client Sample ID : SS050MW114R-180611-I Dilution Factor : 1
 Date & Time Acquired :: 2018-06-14 17:32:50 DataFile Name : 046SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4590233	4536594	4448425	4525084	1.58	cps
Molybdenum	95-1	5617716	5535893	5403718	5519109	1.96	cps
Molybdenum	96-1	6192690	6128395	6016659	6112581	1.46	cps
Molybdenum	97-1	3439027	3395531	3305294	3379951	2.02	cps
Molybdenum	98-1	9036725	8858769	8728690	8874728	1.74	cps
Neodymium	150-1	54294	52929	50346	52523	3.82	cps
Neodymium	150-2	21500	21063	19928	20830	3.90	cps
Nickel	60-2	451129	456055	434210	447131	2.56	cps
Phosphorus	31-2	4976	4943	4634	4851	3.88	cps
Potassium	39-2	4628547	4648705	4415870	4564374	2.83	cps
Rhodium	103-1	4472790	4427592	4278396	4392926	2.32	cps
Rhodium	103-2	2054372	2110269	2001590	2055410	2.64	cps
Scandium	45-1	3342330	3310147	3193391	3281956	2.39	cps
Scandium	45-2	139018	140209	133381	137536	2.65	cps
Selenium	77-2	1737	1690	1633	1687	3.07	cps
Selenium	78-2	5425	5379	5118	5307	3.12	cps
Selenium	82-1	29679	28476	27932	28696	3.11	cps
Silicon	28-1	100295144	99232202	97530163	99019170	1.41	cps
Silver	109-1	1901367	1855946	1837454	1864922	1.76	cps
Silver	107-1	1982041	1941972	1917467	1947160	1.67	cps
Sodium	23-2	706643549	711324499	670894465	696287504	3.18	cps
Strontium	86-1	2983082	2936351	2868138	2929190	1.97	cps
Strontium	88-1	26634920	26309913	25731973	26225602	1.74	cps
Sulfur	34-1	64046737	62734258	62093216	62958070	1.58	cps
Terbium	159-1	8355536	8254614	8003957	8204703	2.21	cps
Terbium	159-2	3907266	4010946	3790149	3902787	2.83	cps
Thallium	203-1	2491057	2437427	2381742	2436742	2.24	cps
Thallium	205-1	6085126	5964672	5814936	5954911	2.27	cps
Tin	118-1	1812781	1777554	1746600	1778978	1.86	cps
Titanium	47-1	1453203	1432309	1382428	1422647	2.56	cps
Uranium	238-1	9554413	9376986	9180930	9370776	1.99	cps
Vanadium	51-2	693634	695516	658245	682465	3.08	cps
Yttrium	89-1	6391390	6364399	6167876	6307888	1.93	cps
Yttrium	89-2	913348	939956	886374	913226	2.93	cps
Zinc	66-2	263118	267446	251599	260721	3.14	cps
Zirconium	90-1	4038122	3941950	3860933	3947002	2.25	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3479-03	Instrumnet Name :	P7
Client Sample ID :	SS050MW114R-180611-I	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 17:32:50	DataFile Name :	046SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	886201	866314	847094	866536	2.26	cps

LB Number : LB96029 Operator : Jaswal
 Lab Sample ID : J3479-01A Instrumnet Name : P7
 Client Sample ID : SS050MW114R-180611A Dilution Factor : 1
 Date & Time Acquired :: 2018-06-14 17:36:27 DataFile Name : 047SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1878882	1896581	1981622	1919028	2.86	cps
Antimony	121-1	2328095	2297423	2275464	2300327	1.15	cps
Arsenic	75-2	83739	84452	88511	85568	3.01	cps
Barium	135-1	3097564	3079580	3054619	3077254	0.70	cps
Barium	137-1	5474061	5439106	5382000	5431722	0.86	cps
Beryllium	9-1	348685	346632	342513	345944	0.91	cps
Bismuth	209-1	4572684	4632156	4477162	4560668	1.71	cps
Bismuth	209-2	2353012	2415690	2515689	2428131	3.38	cps
Boron	10-1	111164	111811	111382	111453	0.30	cps
Boron	11-1	529137	531639	525558	528778	0.58	cps
Cadmium	111-1	485297	476449	475972	479239	1.10	cps
Cadmium	106-1	53911	52022	53259	53064	1.81	cps
Cadmium	108-1	35666	35516	35123	35435	0.79	cps
Calcium	43-1	6645094	6596164	6554299	6598519	0.69	cps
Calcium	44-1	108123877	107230232	107505811	107619973	0.43	cps
Chromium	52-2	1572753	1576710	1650732	1600065	2.75	cps
Cobalt	59-2	1265475	1266951	1325798	1286075	2.68	cps
Copper	63-2	2223960	2242442	2336286	2267563	2.66	cps
Dysprosium	156-1	39433	38296	37770	38499	2.21	cps
Dysprosium	156-2	18870	19110	19708	19229	2.24	cps
Erbium	164-1	43002	42793	41932	42576	1.33	cps
Erbium	164-2	19614	19885	20653	20050	2.69	cps
Gadolinium	160-1	38789	38597	38162	38516	0.83	cps
Gadolinium	160-2	20155	20001	21347	20501	3.59	cps
Holmium	165-1	8165030	8266557	8131305	8187631	0.86	cps
Holmium	165-2	3821391	3933303	4107631	3954108	3.65	cps
Indium	115-1	5392166	5447241	5324239	5387882	1.14	cps
Indium	115-2	1035985	1063712	1104996	1068231	3.25	cps
Iron	56-2	130606903	131128828	136509795	132748509	2.46	cps
Iron	57-2	3157980	3170703	3310310	3212998	2.63	cps
Lead	206-1	4520743	4478371	4453332	4484149	0.76	cps
Lead	207-1	3768426	3728771	3729278	3742158	0.61	cps
Lead	208-1	17814572	17567375	17567596	17649848	0.81	cps
Lithium	6-1	1160756	1156844	1132870	1150157	1.31	cps
Magnesium	24-2	9608137	9696075	10106433	9803548	2.71	cps
Manganese	55-2	6313237	6332246	6637702	6427728	2.83	cps

LB Number : LB96029 Operator : Jaswal
 Lab Sample ID : J3479-01A Instrumnet Name : P7
 Client Sample ID : SS050MW114R-180611A Dilution Factor : 1
 Date & Time Acquired :: 2018-06-14 17:36:27 DataFile Name : 047SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4721032	4663066	4649748	4677949	0.81	cps
Molybdenum	95-1	5768522	5714984	5700608	5728038	0.62	cps
Molybdenum	96-1	6357540	6260949	6275579	6298023	0.83	cps
Molybdenum	97-1	3523710	3478695	3468652	3490352	0.84	cps
Molybdenum	98-1	9243641	9129463	9128149	9167084	0.72	cps
Neodymium	150-1	53899	54240	52935	53692	1.26	cps
Neodymium	150-2	20108	20142	20803	20351	1.92	cps
Nickel	60-2	432499	435117	455791	441136	2.89	cps
Phosphorus	31-2	4734	5143	5243	5040	5.35	cps
Potassium	39-2	4429616	4505824	4628752	4521397	2.22	cps
Rhodium	103-1	4464817	4532299	4440036	4479051	1.07	cps
Rhodium	103-2	1969522	2022520	2111287	2034443	3.52	cps
Scandium	45-1	3354812	3381915	3316745	3351157	0.98	cps
Scandium	45-2	133410	136895	142191	137499	3.22	cps
Selenium	77-2	1463	1610	1677	1583	6.89	cps
Selenium	78-2	5221	5212	5501	5312	3.09	cps
Selenium	82-1	29763	29611	29332	29569	0.74	cps
Silicon	28-1	102590054	102444069	101421823	102151982	0.62	cps
Silver	109-1	1922008	1889805	1897117	1902977	0.89	cps
Silver	107-1	2007658	1992300	1985103	1995020	0.58	cps
Sodium	23-2	676361098	682465249	712315533	690380627	2.79	cps
Strontium	86-1	2994348	2989384	2975934	2986555	0.32	cps
Strontium	88-1	26980568	26735120	26720879	26812189	0.54	cps
Sulfur	34-1	64948339	64374374	63971795	64431503	0.76	cps
Terbium	159-1	8324774	8434325	8279110	8346069	0.96	cps
Terbium	159-2	3729543	3837579	3986562	3851228	3.35	cps
Thallium	203-1	2493837	2476265	2456152	2475418	0.76	cps
Thallium	205-1	6080079	6029998	5958048	6022708	1.02	cps
Tin	118-1	1842081	1817399	1818427	1825969	0.76	cps
Titanium	47-1	1491195	1469146	1470462	1476934	0.84	cps
Uranium	238-1	9536070	9488092	9365953	9463371	0.93	cps
Vanadium	51-2	661627	668460	699121	676403	2.95	cps
Yttrium	89-1	6437089	6527659	6379550	6448099	1.16	cps
Yttrium	89-2	880603	901993	945660	909419	3.65	cps
Zinc	66-2	251341	255021	263961	256774	2.53	cps
Zirconium	90-1	4068448	4044468	4017262	4043393	0.63	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3479-01A	Instrumnet Name :	P7
Client Sample ID :	SS050MW114R-180611A	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 17:36:27	DataFile Name :	047SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	891172	881214	882029	884805	0.62	cps

LB Number : LB96029 Operator : Jaswal
 Lab Sample ID : CCV20 Instrumnet Name : P7
 Client Sample ID : CCV20 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-14 18:14:57 DataFile Name : 051CCV_P7061418 MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2666958	2687265	2662208	2672144	0.50	cps
Antimony	121-1	2896388	2913344	2875885	2895206	0.65	cps
Arsenic	75-2	86392	87027	85983	86467	0.61	cps
Barium	135-1	3786538	3824437	3753028	3788001	0.94	cps
Barium	137-1	6697779	6733794	6625607	6685727	0.82	cps
Beryllium	9-1	455342	457370	448763	453825	0.99	cps
Bismuth	209-1	5934833	6048964	5877194	5953664	1.47	cps
Bismuth	209-2	3359463	3368197	3364162	3363941	0.13	cps
Boron	10-1	47333	48244	49975	48518	2.77	cps
Boron	11-1	221379	225581	230292	225750	1.98	cps
Cadmium	111-1	605689	607907	599117	604238	0.76	cps
Cadmium	106-1	67419	66147	66021	66529	1.16	cps
Cadmium	108-1	45770	46263	44357	45463	2.18	cps
Calcium	43-1	3975159	3968106	3931673	3958313	0.59	cps
Calcium	44-1	64671795	64787085	64125681	64528187	0.55	cps
Chromium	52-2	772632	773879	772162	772891	0.11	cps
Cobalt	59-2	1166070	1170123	1176766	1170986	0.46	cps
Copper	63-2	1608056	1615868	1618625	1614183	0.34	cps
Dysprosium	156-1	75	75	67	72	6.66	cps
Dysprosium	156-2	103	77	50	77	34.79	cps
Erbium	164-1	50	50	58	53	9.12	cps
Erbium	164-2	13	27	23	21	32.88	cps
Gadolinium	160-1	42	50	42	44	10.82	cps
Gadolinium	160-2	110	70	133	104	30.67	cps
Holmium	165-1	9781001	9935609	9635010	9783873	1.54	cps
Holmium	165-2	5088922	5138214	5196885	5141340	1.05	cps
Indium	115-1	6677413	6837940	6654090	6723147	1.49	cps
Indium	115-2	1401085	1414461	1428328	1414625	0.96	cps
Iron	56-2	154917081	155108926	155233170	155086392	0.10	cps
Iron	57-2	3795502	3819396	3818125	3811008	0.35	cps
Lead	206-1	2517652	2515418	2487834	2506968	0.66	cps
Lead	207-1	2219257	2204884	2193457	2205866	0.59	cps
Lead	208-1	10146144	10138514	10034829	10106496	0.62	cps
Lithium	6-1	1475390	1500779	1474234	1483467	1.01	cps
Magnesium	24-2	27217210	27147884	27190956	27185350	0.13	cps
Manganese	55-2	874463	885262	880961	880229	0.62	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P7
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 18:14:57	DataFile Name :	051CCV_P7061418 MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5630391	5642144	5577666	5616734	0.61	cps
Molybdenum	95-1	6942210	6955143	6875715	6924356	0.62	cps
Molybdenum	96-1	7658469	7677368	7542331	7626056	0.96	cps
Molybdenum	97-1	4250281	4267317	4237898	4251832	0.35	cps
Molybdenum	98-1	11086812	11144355	10971924	11067697	0.79	cps
Neodymium	150-1	213	240	227	227	5.88	cps
Neodymium	150-2	37	30	40	36	14.32	cps
Nickel	60-2	302705	305029	305089	304274	0.45	cps
Phosphorus	31-2	23110	24129	23494	23578	2.18	cps
Potassium	39-2	14107416	14246989	14062431	14138945	0.68	cps
Rhodium	103-1	5735373	5838232	5674669	5749425	1.44	cps
Rhodium	103-2	2734343	2751616	2798065	2761341	1.19	cps
Scandium	45-1	3900827	3953446	3862991	3905755	1.16	cps
Scandium	45-2	173236	175440	174099	174258	0.64	cps
Selenium	77-2	1737	1790	1797	1775	1.85	cps
Selenium	78-2	6107	6053	5957	6039	1.26	cps
Selenium	82-1	36900	37211	37451	37187	0.74	cps
Silicon	28-1	1994388	2042400	2058060	2031616	1.63	cps
Silver	109-1	2995994	3015831	2968347	2993391	0.80	cps
Silver	107-1	3127371	3155098	3097861	3126777	0.92	cps
Sodium	23-2	50514258	50500928	50405220	50473469	0.12	cps
Strontium	86-1	885377	873583	869198	876052	0.96	cps
Strontium	88-1	7919259	7937350	7827586	7894732	0.75	cps
Sulfur	34-1	392134	394432	391196	392588	0.42	cps
Terbium	159-1	10039765	10229054	9984063	10084294	1.27	cps
Terbium	159-2	4992334	5029755	5043758	5021949	0.53	cps
Thallium	203-1	3074538	3074993	3041305	3063612	0.63	cps
Thallium	205-1	7573145	7571515	7523058	7555906	0.38	cps
Tin	118-1	2165927	2178690	2136080	2160233	1.01	cps
Titanium	47-1	1762056	1772166	1738199	1757474	0.99	cps
Uranium	238-1	11099569	11034269	10937360	11023733	0.74	cps
Vanadium	51-2	634600	632281	635340	634073	0.25	cps
Yttrium	89-1	7008254	7123496	6965864	7032538	1.16	cps
Yttrium	89-2	1060945	1066174	1077776	1068299	0.81	cps
Zinc	66-2	221456	223029	223984	222823	0.57	cps
Zirconium	90-1	4707910	4724101	4652731	4694914	0.80	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P7
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 18:14:57	DataFile Name :	051CCV_P7061418 MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1038630	1039139	1019712	1032494	1.07	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P7
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 18:25:13	DataFile Name :	052CCBE_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	83	42	69	34.64	cps
Antimony	121-1	725	817	958	833	14.11	cps
Arsenic	75-2	20	11	2	11	83.35	cps
Barium	135-1	108	117	58	94	33.40	cps
Barium	137-1	100	167	125	131	25.80	cps
Beryllium	9-1	311	378	378	356	10.83	cps
Bismuth	209-1	6121729	6245797	6179826	6182451	1.00	cps
Bismuth	209-2	3637363	3685762	3677557	3666894	0.71	cps
Boron	10-1	1500	1275	1342	1372	8.42	cps
Boron	11-1	6402	6693	6310	6468	3.10	cps
Cadmium	111-1	735	881	911	842	11.19	cps
Cadmium	106-1	1442	1692	1800	1645	11.18	cps
Cadmium	108-1	4	4	8	6	43.22	cps
Calcium	43-1	200	167	175	181	9.61	cps
Calcium	44-1	4901	4934	5510	5115	6.69	cps
Chromium	52-2	220	227	190	212	9.20	cps
Cobalt	59-2	117	77	80	91	24.36	cps
Copper	63-2	923	893	867	894	3.17	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	42	17	25	28	45.82	cps
Erbium	164-2	13	10	10	11	17.30	cps
Gadolinium	160-1	0	8	33	14	124.91	cps
Gadolinium	160-2	70	97	90	86	16.22	cps
Holmium	165-1	9396981	9636794	9530557	9521444	1.26	cps
Holmium	165-2	5185701	5247816	5222566	5218694	0.60	cps
Indium	115-1	6815721	6939111	6887667	6880833	0.90	cps
Indium	115-2	1514708	1529777	1527864	1524117	0.54	cps
Iron	56-2	8392	9153	9298	8947	5.44	cps
Iron	57-2	456	383	461	433	10.01	cps
Lead	206-1	717	744	728	730	1.92	cps
Lead	207-1	672	656	733	687	5.96	cps
Lead	208-1	2856	3000	3139	2998	4.73	cps
Lithium	6-1	1416459	1452068	1430142	1432890	1.25	cps
Magnesium	24-2	1092	1067	1175	1111	5.11	cps
Manganese	55-2	130	120	110	120	8.33	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P7
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 18:25:13	DataFile Name :	052CCBE_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	442	350	358	383	13.22	cps
Molybdenum	95-1	258	217	233	236	8.88	cps
Molybdenum	96-1	267	250	400	306	26.91	cps
Molybdenum	97-1	250	200	117	189	35.66	cps
Molybdenum	98-1	425	250	442	372	28.53	cps
Neodymium	150-1	0	0	20	7	173.21	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	63	87	83	78	16.23	cps
Phosphorus	31-2	108	108	75	97	19.80	cps
Potassium	39-2	22092	21867	21800	21920	0.70	cps
Rhodium	103-1	6047135	6197587	6143969	6129564	1.24	cps
Rhodium	103-2	3024436	3059513	3065844	3049931	0.73	cps
Scandium	45-1	3809794	3870571	3832236	3837534	0.80	cps
Scandium	45-2	177941	177313	178214	177823	0.26	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	46	52	46	48	6.65	cps
Selenium	82-1	40	11	-14	12	218.49	cps
Silicon	28-1	242468	238745	240605	240606	0.77	cps
Silver	109-1	333	458	392	394	15.86	cps
Silver	107-1	308	492	433	411	22.78	cps
Sodium	23-2	39511	39570	38400	39160	1.68	cps
Strontium	86-1	558	433	375	456	20.56	cps
Strontium	88-1	275	225	258	253	10.07	cps
Sulfur	34-1	182850	185904	188849	185868	1.61	cps
Terbium	159-1	9709787	9870548	9826001	9802112	0.85	cps
Terbium	159-2	5073527	5142531	5132492	5116183	0.73	cps
Thallium	203-1	392	358	367	372	4.66	cps
Thallium	205-1	908	742	758	803	11.43	cps
Tin	118-1	617	683	667	656	5.29	cps
Titanium	47-1	83	108	50	81	36.33	cps
Uranium	238-1	192	267	242	233	16.37	cps
Vanadium	51-2	33	67	7	36	84.55	cps
Yttrium	89-1	6922072	7041242	6986437	6983250	0.85	cps
Yttrium	89-2	1090878	1109973	1108446	1103099	0.96	cps
Zinc	66-2	240	253	193	229	13.76	cps
Zirconium	90-1	708	800	683	731	8.41	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P7
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 18:25:13	DataFile Name :	052CCBE_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	150	108	192	150	27.78	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3479-04	Instrumnet Name :	P7
Client Sample ID :	DUP-0466-180611	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 18:28:46	DataFile Name :	053SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1786816	1785842	1781075	1784578	0.17	cps
Antimony	121-1	27336	25741	25808	26295	3.43	cps
Arsenic	75-2	19400	19491	19365	19419	0.34	cps
Barium	135-1	191331	193613	194052	192999	0.76	cps
Barium	137-1	332314	342831	342066	339071	1.73	cps
Beryllium	9-1	1572	1689	1756	1672	5.55	cps
Bismuth	209-1	4624482	4678607	4748400	4683830	1.33	cps
Bismuth	209-2	2659705	2688964	2687136	2678602	0.61	cps
Boron	10-1	71226	72792	72717	72245	1.22	cps
Boron	11-1	344617	353226	360349	352731	2.23	cps
Cadmium	111-1	16771	16053	16671	16498	2.36	cps
Cadmium	106-1	3234	3184	3359	3259	2.77	cps
Cadmium	108-1	1192	1342	1246	1260	6.03	cps
Calcium	43-1	6103972	6225696	6283391	6204353	1.48	cps
Calcium	44-1	99810746	101550967	102830163	101397292	1.49	cps
Chromium	52-2	1055952	1071592	1072350	1066631	0.87	cps
Cobalt	59-2	400300	405378	404510	403396	0.67	cps
Copper	63-2	1105308	1112726	1115251	1111095	0.47	cps
Dysprosium	156-1	37101	36073	36917	36697	1.49	cps
Dysprosium	156-2	19858	19885	19731	19824	0.41	cps
Erbium	164-1	38522	40085	39809	39472	2.11	cps
Erbium	164-2	20355	20008	20542	20302	1.33	cps
Gadolinium	160-1	35923	36425	35948	36099	0.78	cps
Gadolinium	160-2	20963	20973	20566	20834	1.12	cps
Holmium	165-1	7939130	8109343	8249441	8099305	1.92	cps
Holmium	165-2	4301886	4309268	4330230	4313795	0.34	cps
Indium	115-1	5362817	5420646	5493817	5425760	1.21	cps
Indium	115-2	1183347	1183992	1188406	1185248	0.23	cps
Iron	56-2	110805055	112172889	112115633	111697859	0.69	cps
Iron	57-2	2688348	2716257	2722593	2709066	0.67	cps
Lead	206-1	2330957	2347318	2365913	2348063	0.74	cps
Lead	207-1	1919820	1939586	1941709	1933705	0.62	cps
Lead	208-1	9033104	9127399	9184733	9115079	0.84	cps
Lithium	6-1	1198025	1214986	1220992	1211334	0.98	cps
Magnesium	24-2	6025304	6037388	6060452	6041048	0.30	cps
Manganese	55-2	5745527	5804109	5762872	5770836	0.52	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3479-04	Instrumnet Name :	P7
Client Sample ID :	DUP-0466-180611	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 18:28:46	DataFile Name :	053SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	94621	95134	95409	95055	0.42	cps
Molybdenum	95-1	69871	68222	69705	69266	1.31	cps
Molybdenum	96-1	83076	84030	84610	83905	0.92	cps
Molybdenum	97-1	42055	43099	45239	43464	3.73	cps
Molybdenum	98-1	110241	111416	115801	112486	2.61	cps
Neodymium	150-1	49971	51898	53036	51635	3.00	cps
Neodymium	150-2	21888	21771	21664	21774	0.51	cps
Nickel	60-2	221250	222305	221381	221645	0.26	cps
Phosphorus	31-2	4959	5109	4951	5007	1.78	cps
Potassium	39-2	2580078	2610987	2590324	2593796	0.61	cps
Rhodium	103-1	4367195	4444689	4524675	4445520	1.77	cps
Rhodium	103-2	2196513	2230938	2245220	2224224	1.13	cps
Scandium	45-1	3269712	3326008	3388011	3327911	1.78	cps
Scandium	45-2	149027	152202	153044	151424	1.40	cps
Selenium	77-2	90	93	123	102	17.96	cps
Selenium	78-2	176	193	187	185	4.58	cps
Selenium	82-1	-3487	-3868	-4060	-3805	-7.66	cps
Silicon	28-1	114851532	117457003	118502586	116937040	1.61	cps
Silver	109-1	10154	9337	9228	9573	5.29	cps
Silver	107-1	10663	10037	9187	9962	7.44	cps
Sodium	23-2	679360899	691314782	692926632	687867438	1.08	cps
Strontium	86-1	2165012	2173203	2208837	2182351	1.07	cps
Strontium	88-1	19375137	19659247	19898338	19644241	1.33	cps
Sulfur	34-1	57344314	58423543	58902691	58223516	1.37	cps
Terbium	159-1	8166169	8299662	8400792	8288874	1.42	cps
Terbium	159-2	4172944	4212308	4232442	4205898	0.72	cps
Thallium	203-1	10855	9612	9187	9885	8.77	cps
Thallium	205-1	26019	22712	21994	23575	9.11	cps
Tin	118-1	28672	27486	29065	28407	2.89	cps
Titanium	47-1	125993	127169	131641	128268	2.32	cps
Uranium	238-1	226740	227454	225863	226686	0.35	cps
Vanadium	51-2	195270	197557	200022	197616	1.20	cps
Yttrium	89-1	6201036	6318742	6429584	6316454	1.81	cps
Yttrium	89-2	977443	993525	987324	986097	0.82	cps
Zinc	66-2	104443	104591	104420	104485	0.09	cps
Zirconium	90-1	152965	152916	156437	154106	1.31	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3479-04	Instrumnet Name :	P7
Client Sample ID :	DUP-0466-180611	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 18:28:46	DataFile Name :	053SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	33590	34442	35228	34420	2.38	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3497-01	Instrumnet Name :	P7
Client Sample ID :	CAS1-WC-L-01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 18:32:24	DataFile Name :	054SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9053921	9036979	8996139	9029013	0.33	cps
Antimony	121-1	15668	16360	15651	15893	2.55	cps
Arsenic	75-2	23220	23380	23022	23207	0.77	cps
Barium	135-1	4178172	4214962	4170028	4187721	0.57	cps
Barium	137-1	7365775	7431025	7421509	7406103	0.48	cps
Beryllium	9-1	15230	15853	15336	15473	2.15	cps
Bismuth	209-1	5924723	6016324	6009858	5983635	0.85	cps
Bismuth	209-2	3363288	3375985	3382938	3374070	0.30	cps
Boron	10-1	24078	24854	24053	24329	1.87	cps
Boron	11-1	114363	115959	115320	115214	0.70	cps
Cadmium	111-1	7547	7780	7516	7614	1.89	cps
Cadmium	106-1	4009	4501	4151	4220	6.00	cps
Cadmium	108-1	596	496	521	538	9.68	cps
Calcium	43-1	1771986	1779836	1770113	1773978	0.29	cps
Calcium	44-1	29292873	29446964	29370373	29370070	0.26	cps
Chromium	52-2	661938	664129	660027	662031	0.31	cps
Cobalt	59-2	298053	297904	296972	297643	0.20	cps
Copper	63-2	1038378	1035779	1034482	1036213	0.19	cps
Dysprosium	156-1	635622	654281	638960	642955	1.55	cps
Dysprosium	156-2	340718	343380	339526	341208	0.58	cps
Erbium	164-1	640900	648670	653643	647738	0.99	cps
Erbium	164-2	323451	321116	321770	322112	0.37	cps
Gadolinium	160-1	631838	640496	637196	636510	0.69	cps
Gadolinium	160-2	355732	355904	355421	355686	0.07	cps
Holmium	165-1	9885570	10194823	10105139	10061844	1.58	cps
Holmium	165-2	5183633	5208642	5226783	5206353	0.42	cps
Indium	115-1	6715659	6860408	6779919	6785328	1.07	cps
Indium	115-2	1377575	1387870	1387417	1384288	0.42	cps
Iron	56-2	349215308	348789530	346611441	348205426	0.40	cps
Iron	57-2	8591279	8522719	8484560	8532853	0.63	cps
Lead	206-1	8030853	8122334	8185401	8112863	0.96	cps
Lead	207-1	6543078	6675280	6671973	6630110	1.14	cps
Lead	208-1	30951692	31350222	31406318	31236077	0.79	cps
Lithium	6-1	1482778	1499093	1496653	1492841	0.59	cps
Magnesium	24-2	8991724	8954518	8960375	8968873	0.22	cps
Manganese	55-2	7379451	7362325	7314997	7352258	0.45	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3497-01	Instrumnet Name :	P7
Client Sample ID :	CAS1-WC-L-01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 18:32:24	DataFile Name :	054SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	112004	112062	112246	112104	0.11	cps
Molybdenum	95-1	145973	147749	146872	146865	0.60	cps
Molybdenum	96-1	161384	164952	162717	163018	1.11	cps
Molybdenum	97-1	90227	92902	92029	91720	1.49	cps
Molybdenum	98-1	231764	237825	234971	234854	1.29	cps
Neodymium	150-1	975774	994880	985681	985445	0.97	cps
Neodymium	150-2	402407	404254	401537	402733	0.34	cps
Nickel	60-2	234650	237512	234826	235663	0.68	cps
Phosphorus	31-2	14966	14166	15000	14711	3.21	cps
Potassium	39-2	2783960	2765628	2762231	2770606	0.42	cps
Rhodium	103-1	5747644	5847005	5808666	5801105	0.86	cps
Rhodium	103-2	2723569	2744307	2751342	2739740	0.53	cps
Scandium	45-1	4483756	4538693	4494464	4505638	0.65	cps
Scandium	45-2	187760	188907	187294	187987	0.44	cps
Selenium	77-2	937	913	900	917	2.02	cps
Selenium	78-2	724	639	611	658	8.95	cps
Selenium	82-1	889	745	894	843	10.03	cps
Silicon	28-1	536664645	536359029	530446195	534489956	0.66	cps
Silver	109-1	15267	16836	16177	16093	4.89	cps
Silver	107-1	16794	17161	17186	17047	1.29	cps
Sodium	23-2	19708428	19437633	19455828	19533963	0.77	cps
Strontium	86-1	3113807	3148075	3124329	3128737	0.56	cps
Strontium	88-1	28065883	28375401	28127603	28189629	0.58	cps
Sulfur	34-1	791039	789440	784632	788370	0.42	cps
Terbium	159-1	10164103	10437568	10361413	10321028	1.37	cps
Terbium	159-2	5071018	5103342	5081243	5085201	0.32	cps
Thallium	203-1	18472	18814	18772	18686	1.00	cps
Thallium	205-1	46859	45571	46867	46432	1.61	cps
Tin	118-1	266372	268585	266514	267157	0.46	cps
Titanium	47-1	1066564	1063407	1050326	1060099	0.81	cps
Uranium	238-1	1918362	1946806	1961798	1942322	1.14	cps
Vanadium	51-2	453741	455014	448428	452394	0.77	cps
Yttrium	89-1	14909152	15121485	15020587	15017074	0.71	cps
Yttrium	89-2	2183696	2194582	2181111	2186463	0.33	cps
Zinc	66-2	430026	427578	427082	428228	0.37	cps
Zirconium	90-1	79429	80635	79547	79870	0.83	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3497-01	Instrumnet Name :	P7
Client Sample ID :	CAS1-WC-L-01	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 18:32:24	DataFile Name :	054SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	18671	18521	18613	18602	0.41	cps

LB Number : LB96029 Operator : Jaswal
 Lab Sample ID : J3479-01DLX2 Instrumnet Name : P7
 Client Sample ID : SS050MW114R-180611C Dilution Factor : 2
 Date & Time Acquired :: 2018-06-14 18:36:01 DataFile Name : 055SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	941702	944105	936185	940664	0.43	cps
Antimony	121-1	6377	6310	6510	6399	1.59	cps
Arsenic	75-2	11151	10900	10943	10998	1.22	cps
Barium	135-1	27169	26943	25791	26635	2.77	cps
Barium	137-1	45450	44773	45835	45353	1.19	cps
Beryllium	9-1	1139	1078	1056	1091	3.96	cps
Bismuth	209-1	5239896	5248692	5293857	5260815	0.55	cps
Bismuth	209-2	2903797	2923369	2886486	2904551	0.64	cps
Boron	10-1	38959	38533	39770	39087	1.61	cps
Boron	11-1	187150	189496	191479	189375	1.14	cps
Cadmium	111-1	10721	10821	10760	10768	0.47	cps
Cadmium	106-1	2492	2367	2384	2414	2.81	cps
Cadmium	108-1	725	725	771	740	3.57	cps
Calcium	43-1	3203292	3215295	3214365	3210984	0.21	cps
Calcium	44-1	52841251	52555311	53284720	52893761	0.69	cps
Chromium	52-2	617319	617775	620770	618621	0.30	cps
Cobalt	59-2	243988	242566	241271	242608	0.56	cps
Copper	63-2	671210	670505	667999	669905	0.25	cps
Dysprosium	156-1	22544	21643	22711	22299	2.58	cps
Dysprosium	156-2	11475	11478	11538	11497	0.31	cps
Erbium	164-1	24798	24339	24615	24584	0.94	cps
Erbium	164-2	11832	12196	12035	12021	1.52	cps
Gadolinium	160-1	22052	22119	21660	21943	1.13	cps
Gadolinium	160-2	12469	12196	12126	12263	1.48	cps
Holmium	165-1	8959378	9076978	9129029	9055128	0.96	cps
Holmium	165-2	4632734	4652108	4662430	4649091	0.32	cps
Indium	115-1	6024996	6067429	6075780	6056068	0.45	cps
Indium	115-2	1266466	1259014	1261102	1262194	0.30	cps
Iron	56-2	65148656	64863067	64789643	64933788	0.29	cps
Iron	57-2	1572510	1580353	1571238	1574700	0.31	cps
Lead	206-1	1415986	1398821	1400885	1405231	0.67	cps
Lead	207-1	1163475	1152672	1158622	1158256	0.47	cps
Lead	208-1	5459963	5429158	5439275	5442799	0.29	cps
Lithium	6-1	1267264	1278070	1286321	1277218	0.75	cps
Magnesium	24-2	3370926	3411849	3388655	3390477	0.61	cps
Manganese	55-2	3375726	3373638	3372475	3373946	0.05	cps

LB Number : LB96029 Operator : Jaswal
 Lab Sample ID : J3479-01DLX2 Instrumnet Name : P7
 Client Sample ID : SS050MW114R-180611C Dilution Factor : 2
 Date & Time Acquired :: 2018-06-14 18:36:01 DataFile Name : 055SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	28671	28429	29189	28763	1.35	cps
Molybdenum	95-1	28772	28855	28563	28730	0.52	cps
Molybdenum	96-1	33574	33966	33014	33518	1.43	cps
Molybdenum	97-1	18079	18129	18254	18154	0.50	cps
Molybdenum	98-1	46552	47463	45557	46524	2.05	cps
Neodymium	150-1	30194	30514	31570	30759	2.34	cps
Neodymium	150-2	12763	12583	12629	12658	0.74	cps
Nickel	60-2	130938	131063	130192	130731	0.36	cps
Phosphorus	31-2	3292	3184	2950	3142	5.56	cps
Potassium	39-2	1403629	1411530	1416936	1410698	0.47	cps
Rhodium	103-1	5010081	5055762	5098168	5054670	0.87	cps
Rhodium	103-2	2412365	2422599	2428694	2421219	0.34	cps
Scandium	45-1	3513327	3538121	3595000	3548816	1.18	cps
Scandium	45-2	154684	156210	155850	155581	0.51	cps
Selenium	77-2	57	50	40	49	17.16	cps
Selenium	78-2	141	100	107	116	18.70	cps
Selenium	82-1	-812	-895	-1000	-903	-10.45	cps
Silicon	28-1	53914581	54067488	54367897	54116655	0.43	cps
Silver	109-1	2500	2442	2167	2370	7.51	cps
Silver	107-1	2559	2259	2884	2567	12.18	cps
Sodium	23-2	409098792	407300742	406048001	407482512	0.38	cps
Strontium	86-1	1250130	1261374	1259799	1257101	0.48	cps
Strontium	88-1	11344091	11405325	11428326	11392581	0.38	cps
Sulfur	34-1	35094004	35345311	35516056	35318457	0.60	cps
Terbium	159-1	9094515	9289338	9354580	9246144	1.46	cps
Terbium	159-2	4544233	4519213	4534916	4532787	0.28	cps
Thallium	203-1	5060	4884	4951	4965	1.78	cps
Thallium	205-1	11797	11264	11072	11378	3.30	cps
Tin	118-1	5093	4826	4918	4946	2.74	cps
Titanium	47-1	20632	20332	19706	20223	2.34	cps
Uranium	238-1	141232	138033	138910	139391	1.19	cps
Vanadium	51-2	109701	109261	108602	109188	0.51	cps
Yttrium	89-1	6701126	6793236	6849846	6781402	1.11	cps
Yttrium	89-2	1006103	1002071	1012494	1006889	0.52	cps
Zinc	66-2	61425	60820	61683	61309	0.72	cps
Zirconium	90-1	33816	33733	35296	34281	2.56	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3479-01DLX2	Instrumnet Name :	P7
Client Sample ID :	SS050MW114R-180611C	Dilution Factor :	2
Date & Time Acquired ::	2018-06-14 18:36:01	DataFile Name :	055SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	7761	7444	7611	7605	2.08	cps

LB Number : LB96029 Operator : Jaswal
 Lab Sample ID : J3479-02DLX2 Instrumnet Name : P7
 Client Sample ID : SS050MW114R-180611-I Dilution Factor : 2
 Date & Time Acquired :: 2018-06-14 18:39:36 DataFile Name : 056SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1099520	1102897	1094293	1098903	0.39	cps
Antimony	121-1	1261204	1277309	1262659	1267057	0.70	cps
Arsenic	75-2	48402	48170	48640	48404	0.49	cps
Barium	135-1	1686523	1701773	1702215	1696837	0.53	cps
Barium	137-1	2974383	3001548	2976361	2984097	0.51	cps
Beryllium	9-1	187386	191138	187289	188604	1.16	cps
Bismuth	209-1	5030443	5177133	5117579	5108385	1.44	cps
Bismuth	209-2	2793455	2833638	2817564	2814886	0.72	cps
Boron	10-1	58280	61066	58966	59437	2.44	cps
Boron	11-1	279054	288721	288502	285426	1.93	cps
Cadmium	111-1	270495	273633	270122	271417	0.71	cps
Cadmium	106-1	29849	29699	30534	30027	1.48	cps
Cadmium	108-1	19518	20040	19822	19793	1.32	cps
Calcium	43-1	3485958	3530440	3495950	3504116	0.67	cps
Calcium	44-1	57161101	58170745	57575826	57635891	0.88	cps
Chromium	52-2	905547	912836	911942	910108	0.44	cps
Cobalt	59-2	736016	742954	746498	741823	0.72	cps
Copper	63-2	1322587	1333699	1333300	1329862	0.47	cps
Dysprosium	156-1	20808	21643	21885	21445	2.63	cps
Dysprosium	156-2	10934	11225	11268	11142	1.63	cps
Erbium	164-1	23171	24189	22987	23449	2.76	cps
Erbium	164-2	11251	11302	11558	11370	1.45	cps
Gadolinium	160-1	21292	20967	21034	21098	0.82	cps
Gadolinium	160-2	11662	11445	11615	11574	0.99	cps
Holmium	165-1	8618702	8933037	8901573	8817771	1.96	cps
Holmium	165-2	4464288	4502561	4530316	4499055	0.74	cps
Indium	115-1	5795395	5983749	5914669	5897938	1.62	cps
Indium	115-2	1213207	1222893	1231139	1222413	0.73	cps
Iron	56-2	75521204	75854629	76053535	75809790	0.35	cps
Iron	57-2	1823463	1830975	1834468	1829635	0.31	cps
Lead	206-1	2467515	2490852	2444738	2467702	0.93	cps
Lead	207-1	2046825	2070723	2053367	2056971	0.60	cps
Lead	208-1	9634331	9740578	9613685	9662865	0.70	cps
Lithium	6-1	1235025	1268888	1252474	1252129	1.35	cps
Magnesium	24-2	5601924	5659336	5629165	5630142	0.51	cps
Manganese	55-2	3597237	3621301	3636304	3618281	0.54	cps

LB Number : LB96029 Operator : Jaswal
 Lab Sample ID : J3479-02DLX2 Instrumnet Name : P7
 Client Sample ID : SS050MW114R-180611-I Dilution Factor : 2
 Date & Time Acquired :: 2018-06-14 18:39:36 DataFile Name : 056SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2534676	2544078	2519006	2532586	0.50	cps
Molybdenum	95-1	3075349	3098316	3073622	3082429	0.45	cps
Molybdenum	96-1	3397687	3419894	3414069	3410550	0.34	cps
Molybdenum	97-1	1914480	1923725	1909546	1915917	0.38	cps
Molybdenum	98-1	4989466	5072145	4998666	5020092	0.90	cps
Neodymium	150-1	29258	30902	28229	29463	4.58	cps
Neodymium	150-2	11558	12025	11632	11738	2.14	cps
Nickel	60-2	254688	256233	257588	256170	0.57	cps
Phosphorus	31-2	2792	2934	2767	2831	3.18	cps
Potassium	39-2	2551955	2590784	2581047	2574595	0.78	cps
Rhodium	103-1	4893986	5034390	4988282	4972219	1.44	cps
Rhodium	103-2	2344705	2363142	2372327	2360058	0.60	cps
Scandium	45-1	3452199	3552715	3533530	3512814	1.52	cps
Scandium	45-2	149778	153542	153617	152313	1.44	cps
Selenium	77-2	780	900	860	847	7.22	cps
Selenium	78-2	2769	2876	2767	2804	2.23	cps
Selenium	82-1	16474	16480	16347	16434	0.46	cps
Silicon	28-1	53814798	54854262	54725195	54464752	1.04	cps
Silver	109-1	1058490	1066750	1059798	1061679	0.42	cps
Silver	107-1	1105187	1123412	1115184	1114595	0.82	cps
Sodium	23-2	392930525	397880859	394092275	394967887	0.66	cps
Strontium	86-1	1593188	1611670	1624088	1609649	0.97	cps
Strontium	88-1	14403964	14588719	14701048	14564577	1.03	cps
Sulfur	34-1	33951214	34449503	34268562	34223093	0.74	cps
Terbium	159-1	8842982	9121694	9094255	9019644	1.70	cps
Terbium	159-2	4329613	4392273	4396458	4372781	0.86	cps
Thallium	203-1	1350199	1371607	1356552	1359453	0.81	cps
Thallium	205-1	3282077	3310700	3281797	3291525	0.50	cps
Tin	118-1	1005358	1019602	1011867	1012276	0.70	cps
Titanium	47-1	794166	802756	803651	800191	0.65	cps
Uranium	238-1	5112290	5214657	5122625	5149857	1.09	cps
Vanadium	51-2	381644	383167	385939	383583	0.57	cps
Yttrium	89-1	6483368	6712811	6708181	6634787	1.98	cps
Yttrium	89-2	971116	984367	990099	981861	0.99	cps
Zinc	66-2	150294	152489	152001	151595	0.76	cps
Zirconium	90-1	2160093	2179676	2169498	2169756	0.45	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3479-02DLX2	Instrumnet Name :	P7
Client Sample ID :	SS050MW114R-180611-I	Dilution Factor :	2
Date & Time Acquired ::	2018-06-14 18:39:36	DataFile Name :	056SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	479122	481367	478812	479767	0.29	cps

LB Number : LB96029 Operator : Jaswal
 Lab Sample ID : J3479-03DLX2 Instrumnet Name : P7
 Client Sample ID : SS050MW114R-180611-I Dilution Factor : 2
 Date & Time Acquired :: 2018-06-14 18:43:12 DataFile Name : 057SMPL_P7061418 M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1122076	1136562	1140241	1132960	0.85	cps
Antimony	121-1	1269346	1271210	1297636	1279397	1.24	cps
Arsenic	75-2	49558	50140	50431	50043	0.89	cps
Barium	135-1	1676541	1682267	1698564	1685791	0.68	cps
Barium	137-1	2935108	2942018	2985564	2954230	0.93	cps
Beryllium	9-1	189057	194107	194810	192658	1.63	cps
Bismuth	209-1	5062496	5171440	5247201	5160379	1.80	cps
Bismuth	209-2	2878825	2892237	2956868	2909310	1.43	cps
Boron	10-1	59685	59718	62697	60700	2.85	cps
Boron	11-1	285587	292002	301337	292976	2.70	cps
Cadmium	111-1	272678	270946	274567	272730	0.66	cps
Cadmium	106-1	31027	30200	30801	30676	1.39	cps
Cadmium	108-1	19868	19918	20436	20074	1.57	cps
Calcium	43-1	3533377	3566537	3620714	3573543	1.23	cps
Calcium	44-1	57923178	58558068	59291722	58590990	1.17	cps
Chromium	52-2	941743	943549	960033	948442	1.06	cps
Cobalt	59-2	764116	765099	779304	769506	1.10	cps
Copper	63-2	1352464	1353090	1371002	1358852	0.77	cps
Dysprosium	156-1	21418	21935	21910	21754	1.34	cps
Dysprosium	156-2	11191	11358	11408	11319	1.00	cps
Erbium	164-1	23713	23154	22812	23226	1.96	cps
Erbium	164-2	11361	11532	11925	11606	2.49	cps
Gadolinium	160-1	21050	20725	21201	20992	1.16	cps
Gadolinium	160-2	12179	11668	12112	11987	2.31	cps
Holmium	165-1	8824992	8971318	9106838	8967716	1.57	cps
Holmium	165-2	4595145	4631776	4706496	4644472	1.22	cps
Indium	115-1	5913029	5972398	6084317	5989915	1.45	cps
Indium	115-2	1247913	1264789	1286022	1266241	1.51	cps
Iron	56-2	78260224	78363774	79574266	78732755	0.93	cps
Iron	57-2	1891415	1907318	1919764	1906166	0.75	cps
Lead	206-1	2466114	2470830	2524366	2487103	1.30	cps
Lead	207-1	2056380	2064257	2093996	2071544	0.96	cps
Lead	208-1	9661325	9703293	9860692	9741770	1.08	cps
Lithium	6-1	1252125	1271732	1295973	1273277	1.73	cps
Magnesium	24-2	5795840	5795165	5889072	5826692	0.93	cps
Manganese	55-2	3721530	3732813	3783537	3745960	0.88	cps

LB Number : LB96029 Operator : Jaswal
 Lab Sample ID : J3479-03DLX2 Instrumnet Name : P7
 Client Sample ID : SS050MW114R-180611-I Dilution Factor : 2
 Date & Time Acquired :: 2018-06-14 18:43:12 DataFile Name : 057SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2506956	2526255	2543327	2525512	0.72	cps
Molybdenum	95-1	3046261	3050338	3092199	3062933	0.83	cps
Molybdenum	96-1	3357947	3361041	3433695	3384228	1.27	cps
Molybdenum	97-1	1886013	1886821	1916638	1896491	0.92	cps
Molybdenum	98-1	4946305	4991593	5018411	4985436	0.73	cps
Neodymium	150-1	29506	29552	29759	29606	0.46	cps
Neodymium	150-2	11698	12603	12229	12177	3.73	cps
Nickel	60-2	263049	263781	267052	264627	0.81	cps
Phosphorus	31-2	3434	2609	2950	2998	13.83	cps
Potassium	39-2	2632009	2636963	2661274	2643415	0.59	cps
Rhodium	103-1	4946532	5038147	5132879	5039186	1.85	cps
Rhodium	103-2	2417228	2431316	2490238	2446261	1.58	cps
Scandium	45-1	3492431	3561497	3666239	3573389	2.45	cps
Scandium	45-2	155856	158076	160121	158018	1.35	cps
Selenium	77-2	957	870	927	918	4.80	cps
Selenium	78-2	2915	2923	3102	2980	3.55	cps
Selenium	82-1	16365	16521	16574	16487	0.66	cps
Silicon	28-1	54838982	55263062	56405158	55502401	1.46	cps
Silver	109-1	1072271	1072943	1088452	1077888	0.85	cps
Silver	107-1	1116761	1120959	1142804	1126841	1.24	cps
Sodium	23-2	407475717	410295101	414996276	410922365	0.92	cps
Strontium	86-1	1621295	1634617	1674507	1643473	1.68	cps
Strontium	88-1	14633584	14676943	14978876	14763135	1.27	cps
Sulfur	34-1	34553340	34800150	35477980	34943823	1.37	cps
Terbium	159-1	8981129	9134620	9257581	9124443	1.52	cps
Terbium	159-2	4494232	4510605	4590400	4531746	1.14	cps
Thallium	203-1	1351246	1364271	1393772	1369763	1.59	cps
Thallium	205-1	3258705	3292774	3352600	3301359	1.44	cps
Tin	118-1	998969	1009936	1025678	1011527	1.33	cps
Titanium	47-1	786889	800379	804347	797205	1.15	cps
Uranium	238-1	5138837	5203340	5258392	5200190	1.15	cps
Vanadium	51-2	393641	394651	403934	397409	1.43	cps
Yttrium	89-1	6616274	6724353	6875157	6738595	1.93	cps
Yttrium	89-2	1012073	1018690	1032331	1021032	1.01	cps
Zinc	66-2	155039	156175	158115	156443	0.99	cps
Zirconium	90-1	2167651	2197351	2206886	2190629	0.93	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3479-03DLX2	Instrumnet Name :	P7
Client Sample ID :	SS050MW114R-180611-I	Dilution Factor :	2
Date & Time Acquired ::	2018-06-14 18:43:12	DataFile Name :	057SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	478090	482629	489773	483497	1.22	cps

LB Number : LB96029 Operator : Jaswal
 Lab Sample ID : J3479-01ADLX2 Instrumnet Name : P7
 Client Sample ID : SS050MW114R-180611A Dilution Factor : 2
 Date & Time Acquired :: 2018-06-14 18:46:48 DataFile Name : 058SMPL_P7061418 M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1092254	1102331	1141482	1112022	2.34	cps
Antimony	121-1	1295120	1262034	1264301	1273818	1.45	cps
Arsenic	75-2	47650	49398	50088	49045	2.56	cps
Barium	135-1	1719077	1672176	1667613	1686289	1.69	cps
Barium	137-1	3009729	2925378	2940914	2958674	1.52	cps
Beryllium	9-1	195379	189770	188674	191274	1.88	cps
Bismuth	209-1	5031299	5370305	5140276	5180627	3.34	cps
Bismuth	209-2	2750825	2810279	2927478	2829528	3.18	cps
Boron	10-1	62538	60547	60756	61280	1.79	cps
Boron	11-1	295404	295252	294454	295037	0.17	cps
Cadmium	111-1	275203	267421	268011	270212	1.60	cps
Cadmium	106-1	31135	29957	30617	30570	1.93	cps
Cadmium	108-1	20765	19530	19843	20046	3.20	cps
Calcium	43-1	3585628	3541577	3531944	3553050	0.81	cps
Calcium	44-1	58842422	57973376	58065853	58293884	0.82	cps
Chromium	52-2	903301	917802	956466	925856	2.97	cps
Cobalt	59-2	735048	749547	777576	754057	2.87	cps
Copper	63-2	1309156	1331272	1383979	1341469	2.87	cps
Dysprosium	156-1	22102	21084	20207	21131	4.49	cps
Dysprosium	156-2	10828	11281	11472	11194	2.96	cps
Erbium	164-1	23170	22402	22102	22558	2.44	cps
Erbium	164-2	11305	11385	11802	11497	2.32	cps
Gadolinium	160-1	21000	20574	20558	20711	1.21	cps
Gadolinium	160-2	11502	11655	12119	11759	2.73	cps
Holmium	165-1	8714412	9395860	8939009	9016427	3.85	cps
Holmium	165-2	4410033	4551116	4706835	4555995	3.26	cps
Indium	115-1	5836039	6343975	5978232	6052749	4.33	cps
Indium	115-2	1204679	1233074	1278405	1238719	3.00	cps
Iron	56-2	75545757	76599579	79227288	77124208	2.46	cps
Iron	57-2	1818451	1848534	1921306	1862764	2.84	cps
Lead	206-1	2505675	2437196	2442022	2461631	1.55	cps
Lead	207-1	2084425	2014090	2040122	2046212	1.74	cps
Lead	208-1	9802246	9497850	9576336	9625478	1.64	cps
Lithium	6-1	1241865	1297409	1254101	1264459	2.31	cps
Magnesium	24-2	5606635	5692393	5876224	5725084	2.41	cps
Manganese	55-2	3589665	3648805	3782450	3673640	2.69	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3479-01ADLX2	Instrumnet Name :	P7
Client Sample ID :	SS050MW114R-180611A	Dilution Factor :	2
Date & Time Acquired ::	2018-06-14 18:46:48	DataFile Name :	058SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2574041	2513062	2503351	2530151	1.51	cps
Molybdenum	95-1	3130772	3043902	3064402	3079692	1.47	cps
Molybdenum	96-1	3456684	3359145	3374852	3396894	1.54	cps
Molybdenum	97-1	1942077	1887808	1898282	1909389	1.51	cps
Molybdenum	98-1	5096420	4943893	4974933	5005082	1.61	cps
Neodymium	150-1	29519	29031	29639	29396	1.10	cps
Neodymium	150-2	11658	11772	12349	11926	3.11	cps
Nickel	60-2	254810	256888	267948	259882	2.72	cps
Phosphorus	31-2	2759	3175	3334	3089	9.62	cps
Potassium	39-2	2552378	2593683	2700405	2615489	2.92	cps
Rhodium	103-1	4907506	5282714	5071579	5087267	3.70	cps
Rhodium	103-2	2329006	2397909	2479792	2402236	3.14	cps
Scandium	45-1	3477735	3793700	3592373	3621269	4.42	cps
Scandium	45-2	150657	153980	160755	155131	3.32	cps
Selenium	77-2	833	937	880	883	5.86	cps
Selenium	78-2	2921	2756	3047	2908	5.02	cps
Selenium	82-1	16777	16210	16415	16467	1.74	cps
Silicon	28-1	56282566	54851926	54997901	55377464	1.42	cps
Silver	109-1	1087718	1073002	1062772	1074497	1.17	cps
Silver	107-1	1131793	1110736	1112537	1118355	1.04	cps
Sodium	23-2	391331142	401287551	415254259	402624317	2.98	cps
Strontium	86-1	1648652	1620813	1626247	1631904	0.90	cps
Strontium	88-1	14941772	14612042	14685080	14746298	1.17	cps
Sulfur	34-1	35234019	34333987	34481508	34683171	1.39	cps
Terbium	159-1	8861424	9530226	9173575	9188408	3.64	cps
Terbium	159-2	4332897	4424351	4616489	4457912	3.25	cps
Thallium	203-1	1383293	1354126	1341864	1359761	1.57	cps
Thallium	205-1	3337694	3264888	3249394	3283992	1.44	cps
Tin	118-1	1032361	999386	1006007	1012584	1.72	cps
Titanium	47-1	818117	787507	797021	800882	1.96	cps
Uranium	238-1	5213996	5056849	5095979	5122275	1.60	cps
Vanadium	51-2	381584	385917	398939	388813	2.32	cps
Yttrium	89-1	6579894	7094131	6823304	6832443	3.76	cps
Yttrium	89-2	965283	998511	1032262	998685	3.35	cps
Zinc	66-2	150344	152455	157195	153331	2.29	cps
Zirconium	90-1	2222681	2163318	2160213	2182071	1.61	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3479-01ADLX2	Instrumnet Name :	P7
Client Sample ID :	SS050MW114R-180611A	Dilution Factor :	2
Date & Time Acquired ::	2018-06-14 18:46:48	DataFile Name :	058SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	494950	480070	478982	484667	1.84	cps

LB Number : LB96029 Operator : Jaswal
 Lab Sample ID : J3479-04DLX2 Instrumnet Name : P7
 Client Sample ID : DUP-0466-180611DL Dilution Factor : 2
 Date & Time Acquired :: 2018-06-14 18:50:23 DataFile Name : 059SMPL_P7061418 M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	959514	957553	946089	954386	0.76	cps
Antimony	121-1	14483	14742	14333	14519	1.42	cps
Arsenic	75-2	10771	10926	10439	10712	2.32	cps
Barium	135-1	115435	114579	113425	114480	0.88	cps
Barium	137-1	198700	198973	197925	198532	0.27	cps
Beryllium	9-1	1350	1306	1300	1319	2.08	cps
Bismuth	209-1	4796096	4965106	5311925	5024376	5.23	cps
Bismuth	209-2	2974394	2998959	2952846	2975400	0.78	cps
Boron	10-1	42937	43563	43405	43302	0.75	cps
Boron	11-1	214108	210985	213731	212941	0.80	cps
Cadmium	111-1	10653	10264	10434	10450	1.87	cps
Cadmium	106-1	2825	2734	2742	2767	1.83	cps
Cadmium	108-1	775	896	796	822	7.86	cps
Calcium	43-1	3627876	3576680	3578864	3594473	0.81	cps
Calcium	44-1	59657883	59038760	59115664	59270769	0.57	cps
Chromium	52-2	593184	584594	575058	584279	1.55	cps
Cobalt	59-2	227841	226182	222391	225471	1.24	cps
Copper	63-2	633949	626619	613861	624809	1.63	cps
Dysprosium	156-1	22093	21868	21643	21868	1.03	cps
Dysprosium	156-2	10771	10991	10961	10908	1.09	cps
Erbium	164-1	22720	22486	22377	22528	0.78	cps
Erbium	164-2	11425	11155	10848	11142	2.59	cps
Gadolinium	160-1	21084	21159	20474	20906	1.79	cps
Gadolinium	160-2	11722	11425	11345	11497	1.73	cps
Holmium	165-1	8296560	8675400	9225100	8732353	5.35	cps
Holmium	165-2	4761964	4780820	4710097	4750960	0.77	cps
Indium	115-1	5593531	5823781	6213096	5876803	5.33	cps
Indium	115-2	1300920	1311217	1289403	1300514	0.84	cps
Iron	56-2	62454124	62134040	61086693	61891619	1.16	cps
Iron	57-2	1512996	1496483	1479588	1496356	1.12	cps
Lead	206-1	1402324	1381506	1369149	1384326	1.21	cps
Lead	207-1	1150727	1133258	1137651	1140545	0.80	cps
Lead	208-1	5427260	5320477	5300422	5349387	1.27	cps
Lithium	6-1	1179232	1221791	1299147	1233390	4.93	cps
Magnesium	24-2	3243380	3233612	3180988	3219327	1.04	cps
Manganese	55-2	3151196	3136150	3086165	3124504	1.09	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3479-04DLX2	Instrumnet Name :	P7
Client Sample ID :	DUP-0466-180611DL	Dilution Factor :	2
Date & Time Acquired ::	2018-06-14 18:50:23	DataFile Name :	059SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	57492	56530	58019	57347	1.32	cps
Molybdenum	95-1	42481	43100	42999	42860	0.77	cps
Molybdenum	96-1	52096	51461	51987	51848	0.66	cps
Molybdenum	97-1	27853	27912	27344	27703	1.13	cps
Molybdenum	98-1	70676	69277	70047	70000	1.00	cps
Neodymium	150-1	31357	30782	29960	30699	2.29	cps
Neodymium	150-2	12072	12169	11585	11942	2.62	cps
Nickel	60-2	124950	122943	122022	123305	1.21	cps
Phosphorus	31-2	2584	2909	3184	2892	10.39	cps
Potassium	39-2	1407482	1399208	1370274	1392321	1.40	cps
Rhodium	103-1	4682238	4887817	5247971	4939342	5.80	cps
Rhodium	103-2	2505343	2536931	2494589	2512288	0.88	cps
Scandium	45-1	3332435	3496900	3704107	3511147	5.30	cps
Scandium	45-2	159997	162310	159922	160743	0.84	cps
Selenium	77-2	50	27	13	30	61.87	cps
Selenium	78-2	135	124	122	127	5.52	cps
Selenium	82-1	-1077	-1079	-1226	-1127	-7.57	cps
Silicon	28-1	69606687	68644033	68404964	68885228	0.92	cps
Silver	109-1	4643	4426	4801	4623	4.07	cps
Silver	107-1	4709	5059	4501	4757	5.93	cps
Sodium	23-2	378280850	376457508	366247058	373661806	1.74	cps
Strontium	86-1	1286241	1284045	1276683	1282323	0.39	cps
Strontium	88-1	11683726	11593568	11636780	11638025	0.39	cps
Sulfur	34-1	34501693	33892060	33861742	34085165	1.06	cps
Terbium	159-1	8533910	8944637	9467773	8982107	5.21	cps
Terbium	159-2	4616839	4684093	4616020	4638984	0.84	cps
Thallium	203-1	6143	5743	5701	5863	4.16	cps
Thallium	205-1	14150	14525	14058	14244	1.74	cps
Tin	118-1	14658	14775	14450	14628	1.13	cps
Titanium	47-1	74875	74120	77009	75335	1.99	cps
Uranium	238-1	136608	132524	133686	134273	1.57	cps
Vanadium	51-2	109600	108126	105916	107881	1.72	cps
Yttrium	89-1	6326104	6544683	6988884	6619891	5.10	cps
Yttrium	89-2	1036244	1050853	1035549	1040882	0.83	cps
Zinc	66-2	60096	59517	57874	59163	1.95	cps
Zirconium	90-1	91550	92212	89354	91039	1.64	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3479-04DLX2	Instrumnet Name :	P7
Client Sample ID :	DUP-0466-180611DL	Dilution Factor :	2
Date & Time Acquired ::	2018-06-14 18:50:23	DataFile Name :	059SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	20382	20148	20424	20318	0.73	cps

LB Number : LB96029 Operator : Jaswal
 Lab Sample ID : J3497-01DLX2 Instrumnet Name : P7
 Client Sample ID : CAS1-WC-L-01DL Dilution Factor : 2
 Date & Time Acquired :: 2018-06-14 18:53:59 DataFile Name : 060SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5132772	4848451	4836919	4939381	3.39	cps
Antimony	121-1	8878	8945	9012	8945	0.75	cps
Arsenic	75-2	13173	12415	12509	12699	3.25	cps
Barium	135-1	2388443	2397454	2370450	2385449	0.58	cps
Barium	137-1	4186775	4206617	4174172	4189188	0.39	cps
Beryllium	9-1	9203	9136	9075	9138	0.70	cps
Bismuth	209-1	5554400	5755031	5725703	5678378	1.91	cps
Bismuth	209-2	3234206	3448768	3582453	3421809	5.13	cps
Boron	10-1	15350	16384	15575	15770	3.45	cps
Boron	11-1	76024	73730	76108	75287	1.79	cps
Cadmium	111-1	4872	4938	4499	4769	4.96	cps
Cadmium	106-1	3251	3017	2709	2992	9.08	cps
Cadmium	108-1	333	304	300	313	5.81	cps
Calcium	43-1	1040077	1027752	1022148	1029992	0.89	cps
Calcium	44-1	17129093	17228213	17076999	17144768	0.45	cps
Chromium	52-2	374595	356714	356409	362573	2.87	cps
Cobalt	59-2	169405	162346	160143	163965	2.95	cps
Copper	63-2	592972	568024	562551	574516	2.82	cps
Dysprosium	156-1	371349	371566	370948	371288	0.08	cps
Dysprosium	156-2	189287	181094	179838	183406	2.80	cps
Erbium	164-1	366664	367989	368338	367663	0.24	cps
Erbium	164-2	179010	173103	172292	174802	2.10	cps
Gadolinium	160-1	363931	365313	365496	364913	0.23	cps
Gadolinium	160-2	200895	189888	188667	193150	3.49	cps
Holmium	165-1	9347507	9609652	9624736	9527298	1.64	cps
Holmium	165-2	4928513	5235538	5431810	5198620	4.88	cps
Indium	115-1	6409305	6637896	6614641	6553947	1.92	cps
Indium	115-2	1362287	1435637	1487631	1428518	4.41	cps
Iron	56-2	198594982	188951554	187908115	191818217	3.07	cps
Iron	57-2	4860627	4623812	4609027	4697822	3.01	cps
Lead	206-1	4563343	4558474	4575643	4565820	0.19	cps
Lead	207-1	3677860	3702311	3680313	3686828	0.37	cps
Lead	208-1	17628471	17791942	17694133	17704849	0.46	cps
Lithium	6-1	1313848	1358267	1363708	1345274	2.03	cps
Magnesium	24-2	5099283	4835829	4791293	4908802	3.39	cps
Manganese	55-2	4124799	3930993	3945944	4000579	2.70	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3497-01DLX2	Instrumnet Name :	P7
Client Sample ID :	CAS1-WC-L-01DL	Dilution Factor :	2
Date & Time Acquired ::	2018-06-14 18:53:59	DataFile Name :	060SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	63609	64438	63819	63955	0.67	cps
Molybdenum	95-1	84853	85020	84298	84724	0.45	cps
Molybdenum	96-1	95746	95620	94528	95298	0.70	cps
Molybdenum	97-1	53209	53209	53635	53351	0.46	cps
Molybdenum	98-1	137794	138796	134984	137191	1.44	cps
Neodymium	150-1	566886	567357	564072	566105	0.31	cps
Neodymium	150-2	224872	214428	213544	217615	2.90	cps
Nickel	60-2	136075	129425	128840	131446	3.06	cps
Phosphorus	31-2	8303	7786	7977	8022	3.26	cps
Potassium	39-2	1574810	1503493	1503955	1527419	2.69	cps
Rhodium	103-1	5567458	5767205	5760849	5698504	1.99	cps
Rhodium	103-2	2720784	2908434	2998056	2875758	4.92	cps
Scandium	45-1	4081022	4166327	4161551	4136300	1.16	cps
Scandium	45-2	172252	183217	189127	181532	4.72	cps
Selenium	77-2	507	523	467	499	5.84	cps
Selenium	78-2	426	344	372	381	10.88	cps
Selenium	82-1	466	442	502	470	6.48	cps
Silicon	28-1	316641899	317359857	315880757	316627504	0.23	cps
Silver	109-1	9529	9829	9896	9751	2.01	cps
Silver	107-1	9378	9720	9187	9428	2.87	cps
Sodium	23-2	11114891	10597677	10502191	10738253	3.07	cps
Strontium	86-1	1788457	1790687	1773140	1784095	0.54	cps
Strontium	88-1	16285835	16241024	16094422	16207094	0.62	cps
Sulfur	34-1	536817	530610	531969	533132	0.61	cps
Terbium	159-1	9556760	9845178	9919755	9773898	1.96	cps
Terbium	159-2	4815983	5112832	5292054	5073623	4.74	cps
Thallium	203-1	10938	10746	11364	11016	2.87	cps
Thallium	205-1	25976	25834	25559	25790	0.82	cps
Tin	118-1	153387	151112	151213	151904	0.85	cps
Titanium	47-1	618294	616420	617404	617373	0.15	cps
Uranium	238-1	1077316	1091847	1081416	1083526	0.69	cps
Vanadium	51-2	253656	243357	241936	246316	2.60	cps
Yttrium	89-1	11310919	11533254	11464198	11436124	1.00	cps
Yttrium	89-2	1665104	1692055	1726114	1694424	1.80	cps
Zinc	66-2	247877	237641	237973	241164	2.41	cps
Zirconium	90-1	46426	46301	45030	45919	1.68	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	J3497-01DLX2	Instrumnet Name :	P7
Client Sample ID :	CAS1-WC-L-01DL	Dilution Factor :	2
Date & Time Acquired ::	2018-06-14 18:53:59	DataFile Name :	060SMPL_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	10805	10546	10329	10560	2.25	cps

LB Number : LB96029 Operator : Jaswal
 Lab Sample ID : CCV21 Instrumnet Name : P7
 Client Sample ID : CCV21 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-14 18:59:42 DataFile Name : 061CCV_P7061418 MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2585984	2579153	2580586	2581908	0.14	cps
Antimony	121-1	3080260	3037353	3055552	3057722	0.70	cps
Arsenic	75-2	93103	91660	91480	92081	0.97	cps
Barium	135-1	4146161	4093811	4084225	4108065	0.81	cps
Barium	137-1	7335539	7235123	7213895	7261519	0.89	cps
Beryllium	9-1	472903	466188	466593	468561	0.80	cps
Bismuth	209-1	6315304	6173516	6226902	6238574	1.15	cps
Bismuth	209-2	3422465	3441792	3434659	3432972	0.28	cps
Boron	10-1	49331	50026	51773	50377	2.50	cps
Boron	11-1	230147	232212	234524	232294	0.94	cps
Cadmium	111-1	654394	645887	648960	649747	0.66	cps
Cadmium	106-1	72067	70291	71564	71307	1.28	cps
Cadmium	108-1	49039	48449	48541	48677	0.65	cps
Calcium	43-1	4327103	4275433	4276076	4292871	0.69	cps
Calcium	44-1	70494683	69784108	70095018	70124603	0.51	cps
Chromium	52-2	814466	809760	811588	811938	0.29	cps
Cobalt	59-2	1246951	1224705	1234410	1235355	0.90	cps
Copper	63-2	1719089	1709605	1704376	1711023	0.44	cps
Dysprosium	156-1	100	100	133	111	17.32	cps
Dysprosium	156-2	67	63	77	69	10.08	cps
Erbium	164-1	50	92	42	61	43.83	cps
Erbium	164-2	23	33	40	32	26.04	cps
Gadolinium	160-1	58	67	108	78	34.44	cps
Gadolinium	160-2	107	117	93	106	11.09	cps
Holmium	165-1	10518615	10382538	10427389	10442847	0.66	cps
Holmium	165-2	5344597	5316231	5339762	5333530	0.28	cps
Indium	115-1	7232924	7093207	7143125	7156419	0.99	cps
Indium	115-2	1456015	1458468	1459949	1458144	0.14	cps
Iron	56-2	165099226	163395954	163780631	164091937	0.54	cps
Iron	57-2	4025951	3988176	3995112	4003080	0.50	cps
Lead	206-1	2695763	2670808	2672569	2679713	0.52	cps
Lead	207-1	2375813	2342951	2340335	2353033	0.84	cps
Lead	208-1	10889620	10749767	10757135	10798841	0.73	cps
Lithium	6-1	1478363	1450402	1457513	1462093	0.99	cps
Magnesium	24-2	27886962	27700586	27570462	27719337	0.57	cps
Manganese	55-2	930811	920600	922657	924689	0.58	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P7
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 18:59:42	DataFile Name :	061CCV_P7061418 MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6157368	6075294	6099035	6110566	0.69	cps
Molybdenum	95-1	7667977	7497934	7527978	7564630	1.20	cps
Molybdenum	96-1	8465606	8262950	8258222	8328926	1.42	cps
Molybdenum	97-1	4710393	4614342	4628793	4651176	1.11	cps
Molybdenum	98-1	12243858	12060731	12107639	12137409	0.78	cps
Neodymium	150-1	340	300	253	298	14.57	cps
Neodymium	150-2	67	30	50	49	37.55	cps
Nickel	60-2	323208	318329	320449	320662	0.76	cps
Phosphorus	31-2	24980	23778	24154	24304	2.53	cps
Potassium	39-2	14843342	14643284	14742353	14742993	0.68	cps
Rhodium	103-1	6254739	6131100	6160874	6182238	1.04	cps
Rhodium	103-2	2872316	2871098	2870858	2871424	0.03	cps
Scandium	45-1	4176744	4083171	4133919	4131278	1.13	cps
Scandium	45-2	178385	178103	177004	177831	0.41	cps
Selenium	77-2	1800	1847	1870	1839	1.94	cps
Selenium	78-2	6242	6092	6235	6190	1.37	cps
Selenium	82-1	40808	39370	39798	39992	1.85	cps
Silicon	28-1	2196886	2223873	2260731	2227163	1.44	cps
Silver	109-1	3259542	3220667	3239854	3240021	0.60	cps
Silver	107-1	3419528	3374940	3369633	3388034	0.81	cps
Sodium	23-2	51673477	51701166	51635665	51670103	0.06	cps
Strontium	86-1	960012	945692	950532	952078	0.77	cps
Strontium	88-1	8760718	8597675	8657186	8671860	0.95	cps
Sulfur	34-1	419164	413016	411138	414440	1.01	cps
Terbium	159-1	10827212	10654321	10738856	10740130	0.80	cps
Terbium	159-2	5168072	5195986	5179616	5181225	0.27	cps
Thallium	203-1	3312066	3286819	3331514	3310133	0.68	cps
Thallium	205-1	8169402	8059222	8144601	8124408	0.71	cps
Tin	118-1	2358946	2331463	2325908	2338772	0.76	cps
Titanium	47-1	1924742	1888825	1899707	1904424	0.97	cps
Uranium	238-1	11763867	11603135	11721765	11696256	0.71	cps
Vanadium	51-2	671494	663214	663448	666052	0.71	cps
Yttrium	89-1	7685644	7479465	7550493	7571867	1.38	cps
Yttrium	89-2	1103408	1112985	1104160	1106851	0.48	cps
Zinc	66-2	235190	234489	231573	233751	0.82	cps
Zirconium	90-1	5143118	5063884	5104015	5103673	0.78	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P7
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 18:59:42	DataFile Name :	061CCV_P7061418 MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1120085	1104169	1118589	1114281	0.79	cps

LB Number : LB96029 Operator : Jaswal
 Lab Sample ID : LLCCV2 Instrumnet Name : P7
 Client Sample ID : LLCCV2 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-14 19:08:27 DataFile Name : 062LLCC_P7061418 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1217	967	917	1033	15.55	cps
Antimony	121-1	13624	13916	13082	13540	3.13	cps
Arsenic	75-2	196	189	200	195	2.90	cps
Barium	135-1	16085	16018	16844	16316	2.81	cps
Barium	137-1	28839	28839	28639	28772	0.40	cps
Beryllium	9-1	1222	1389	1256	1289	6.84	cps
Bismuth	209-1	5570807	5643213	5710290	5641437	1.24	cps
Bismuth	209-2	3400058	3424567	3425602	3416742	0.42	cps
Boron	10-1	3776	3801	3926	3834	2.10	cps
Boron	11-1	19138	17602	19121	18620	4.74	cps
Cadmium	111-1	2369	2206	1993	2189	8.59	cps
Cadmium	106-1	1634	1567	1492	1564	4.53	cps
Cadmium	108-1	117	88	75	93	22.98	cps
Calcium	43-1	8228	8336	8069	8211	1.63	cps
Calcium	44-1	142143	142002	138823	140989	1.33	cps
Chromium	52-2	3574	3734	3577	3628	2.52	cps
Cobalt	59-2	2730	2624	2637	2664	2.18	cps
Copper	63-2	4561	4704	4484	4583	2.44	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	13	0	0	4	173.21	cps
Erbium	164-1	42	100	42	61	55.11	cps
Erbium	164-2	17	13	37	22	56.80	cps
Gadolinium	160-1	17	33	58	36	58.08	cps
Gadolinium	160-2	90	70	77	79	12.91	cps
Holmium	165-1	8824797	8831609	9047085	8901163	1.42	cps
Holmium	165-2	4909877	4906360	4905251	4907163	0.05	cps
Indium	115-1	6252183	6362321	6513148	6375884	2.05	cps
Indium	115-2	1433575	1453072	1443858	1443502	0.68	cps
Iron	56-2	78219	77057	77325	77534	0.78	cps
Iron	57-2	2184	1989	2134	2102	4.80	cps
Lead	206-1	6352	6846	6752	6650	3.95	cps
Lead	207-1	5579	5824	5624	5675	2.30	cps
Lead	208-1	25655	26272	26272	26066	1.37	cps
Lithium	6-1	1251258	1258463	1281042	1263588	1.23	cps
Magnesium	24-2	55863	55110	54710	55228	1.06	cps
Manganese	55-2	1150	1210	1190	1183	2.58	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	LLCCV2	Instrumnet Name :	P7
Client Sample ID :	LLCCV2	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 19:08:27	DataFile Name :	062LLCC_P7061418 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12931	13190	13023	13048	1.00	cps
Molybdenum	95-1	15075	15459	15175	15237	1.31	cps
Molybdenum	96-1	15776	16710	16302	16263	2.88	cps
Molybdenum	97-1	8987	9378	9570	9312	3.19	cps
Molybdenum	98-1	23879	24539	24247	24221	1.36	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	777	760	780	772	1.39	cps
Phosphorus	31-2	117	125	108	117	7.14	cps
Potassium	39-2	81222	82648	81197	81689	1.02	cps
Rhodium	103-1	5618496	5652604	5810269	5693790	1.80	cps
Rhodium	103-2	2895904	2929519	2906531	2910651	0.59	cps
Scandium	45-1	3537556	3535693	3625536	3566262	1.44	cps
Scandium	45-2	168226	169554	168472	168750	0.42	cps
Selenium	77-2	27	23	17	22	22.91	cps
Selenium	78-2	128	130	131	130	1.43	cps
Selenium	82-1	481	429	421	444	7.28	cps
Silicon	28-1	306165	307896	309858	307973	0.60	cps
Silver	109-1	7944	7552	7502	7666	3.16	cps
Silver	107-1	8019	7944	7936	7966	0.58	cps
Sodium	23-2	164856	164997	163196	164350	0.61	cps
Strontium	86-1	2717	2317	2492	2509	7.99	cps
Strontium	88-1	17653	18446	17845	17981	2.30	cps
Sulfur	34-1	192273	197062	194318	194551	1.24	cps
Terbium	159-1	8996735	9086682	9242662	9108693	1.37	cps
Terbium	159-2	4812605	4833372	4834395	4826791	0.25	cps
Thallium	203-1	7069	7035	7269	7124	1.77	cps
Thallium	205-1	16945	16703	16294	16647	1.98	cps
Tin	118-1	26568	26309	26017	26298	1.05	cps
Titanium	47-1	4084	4059	3909	4017	2.36	cps
Uranium	238-1	23322	23431	23130	23294	0.65	cps
Vanadium	51-2	6865	7028	6755	6883	2.00	cps
Yttrium	89-1	6465141	6532247	6649165	6548851	1.42	cps
Yttrium	89-2	1049583	1063596	1053638	1055606	0.68	cps
Zinc	66-2	787	840	877	834	5.42	cps
Zirconium	90-1	11655	11622	10721	11333	4.68	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	LLCCV2	Instrumnet Name :	P7
Client Sample ID :	LLCCV2	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 19:08:27	DataFile Name :	062LLCC_P7061418 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2667	2592	2250	2503	8.87	cps

LB Number : LB96029 Operator : Jaswal
 Lab Sample ID : CCB21 Instrumnet Name : P7
 Client Sample ID : CCB21 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-14 19:12:36 DataFile Name : 063CCBE_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	83	42	53	50.75	cps
Antimony	121-1	325	342	433	367	15.91	cps
Arsenic	75-2	4	7	2	4	65.54	cps
Barium	135-1	42	42	33	39	12.38	cps
Barium	137-1	83	42	92	72	37.09	cps
Beryllium	9-1	339	211	306	285	23.24	cps
Bismuth	209-1	5744469	5590176	5421131	5585259	2.90	cps
Bismuth	209-2	3172077	3148942	3163021	3161346	0.37	cps
Boron	10-1	1300	1175	1483	1320	11.75	cps
Boron	11-1	6393	6293	5435	6040	8.73	cps
Cadmium	111-1	755	769	822	782	4.50	cps
Cadmium	106-1	1508	1517	1642	1556	4.80	cps
Cadmium	108-1	4	8	4	6	43.22	cps
Calcium	43-1	233	133	150	172	31.11	cps
Calcium	44-1	4693	4501	4601	4598	2.09	cps
Chromium	52-2	160	213	197	190	14.36	cps
Cobalt	59-2	63	40	57	53	22.53	cps
Copper	63-2	900	797	767	821	8.52	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	10	0	0	3	173.21	cps
Erbium	164-1	33	33	17	28	34.63	cps
Erbium	164-2	13	17	13	14	13.35	cps
Gadolinium	160-1	50	42	8	33	66.15	cps
Gadolinium	160-2	57	60	93	70	28.97	cps
Holmium	165-1	9023214	8762265	8613661	8799713	2.36	cps
Holmium	165-2	4545669	4543720	4523223	4537537	0.27	cps
Indium	115-1	6569008	6389169	6175776	6377984	3.09	cps
Indium	115-2	1342239	1339960	1331316	1337838	0.43	cps
Iron	56-2	6707	6596	6374	6559	2.59	cps
Iron	57-2	428	339	406	391	11.84	cps
Lead	206-1	939	883	1045	956	8.56	cps
Lead	207-1	778	783	872	811	6.53	cps
Lead	208-1	3811	3584	3900	3765	4.34	cps
Lithium	6-1	1292656	1245701	1228159	1255505	2.66	cps
Magnesium	24-2	583	733	850	722	18.51	cps
Manganese	55-2	100	127	137	121	15.65	cps

LB Number : LB96029 Operator : Jaswal
 Lab Sample ID : CCB21 Instrumnet Name : P7
 Client Sample ID : CCB21 Dilution Factor : 1
 Date & Time Acquired :: 2018-06-14 19:12:36 DataFile Name : 063CCBE_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	267	208	192	222	17.72	cps
Molybdenum	95-1	83	83	33	67	43.31	cps
Molybdenum	96-1	167	108	142	139	21.07	cps
Molybdenum	97-1	83	100	92	92	9.09	cps
Molybdenum	98-1	158	158	183	167	8.66	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	83	60	50	64	26.54	cps
Phosphorus	31-2	33	125	92	83	55.68	cps
Potassium	39-2	22819	22601	22426	22615	0.87	cps
Rhodium	103-1	5814049	5638860	5532150	5661687	2.51	cps
Rhodium	103-2	2715670	2719787	2703864	2713107	0.30	cps
Scandium	45-1	3649345	3560492	3491401	3567080	2.22	cps
Scandium	45-2	155300	155580	156412	155764	0.37	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	67	59	48	58	16.06	cps
Selenium	82-1	29	64	-38	19	277.91	cps
Silicon	28-1	260234	260614	259015	259954	0.32	cps
Silver	109-1	333	525	375	411	24.52	cps
Silver	107-1	508	475	392	458	13.11	cps
Sodium	23-2	56541	57152	56507	56733	0.64	cps
Strontium	86-1	425	500	533	486	11.41	cps
Strontium	88-1	175	175	192	181	5.33	cps
Sulfur	34-1	195146	192747	196335	194743	0.94	cps
Terbium	159-1	9334807	9048692	8860892	9081464	2.63	cps
Terbium	159-2	4475332	4444534	4461606	4460491	0.35	cps
Thallium	203-1	142	167	167	158	9.12	cps
Thallium	205-1	333	367	483	394	19.97	cps
Tin	118-1	717	558	650	642	12.39	cps
Titanium	47-1	92	92	25	69	55.43	cps
Uranium	238-1	83	58	42	61	34.32	cps
Vanadium	51-2	27	43	20	30	40.05	cps
Yttrium	89-1	6681701	6488753	6390076	6520177	2.27	cps
Yttrium	89-2	985338	978919	978711	980989	0.38	cps
Zinc	66-2	270	230	200	233	15.05	cps
Zirconium	90-1	608	617	575	600	3.67	cps

LB Number :	LB96029	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P7
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired ::	2018-06-14 19:12:36	DataFile Name :	063CCBE_P7061418 M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	92	58	142	97	43.14	cps