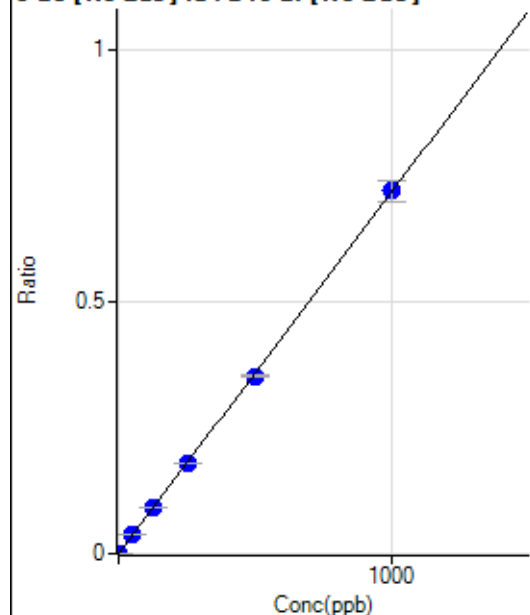


Batch Folder: D:\ICP-MS Data\P7041918 MS.b\
Analysis File: P7041918 MS.batch.bin
DA Date-Time: 2018-04-20 00:17:23
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-04-19 16:41:28
2			
3	005CALS.d	S02	2018-04-19 16:49:44
4	006CALS.d	S03	2018-04-19 16:53:36
5	007CALS.d	S04	2018-04-19 16:57:46
6	008CALS.d	S05	2018-04-19 17:01:34
7	009CALS.d	S06	2018-04-19 17:05:20
8	010CALS.d	S07	2018-04-19 17:09:04
9	011CALS.d	S08	2018-04-19 17:12:47

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	31.48	0.0000	P	56.8
2	☐	0.100					
3	☐	1.000	1.005	2296.54	0.0007	P	5.5
4	☐	50.000	51.718	117206.69	0.0371	P	0.4
5	☐	125.000	128.213	289741.02	0.0919	P	0.7
6	☐	250.000	251.358	568782.87	0.1802	P	0.4
7	☐	500.000	491.243	1094927.33	0.3522	P	1.2
8	☐	1000.000	1003.552	2115337.20	0.7195	P	6.0
9	☐			446.32	0.0002	P	6.7

$$y = 7.1690E-004 * x + 1.0187E-005$$

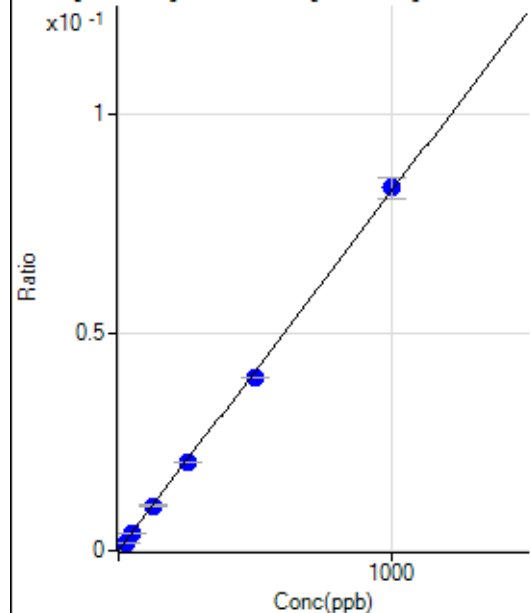
$$R = 0.9999$$

$$DL = 0.02421$$

$$BEC = 0.01421$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	127.78	0.0000	P	15.0
2	☐	2.500					
3	☐	25.000	21.736	5756.90	0.0018	P	4.8
4	☐	50.000	49.366	12978.34	0.0041	P	3.6
5	☐	125.000	124.889	32552.77	0.0103	P	2.8
6	☐	250.000	246.649	64253.56	0.0204	P	1.0
7	☐	500.000	482.442	123668.26	0.0398	P	0.6
8	☐	1000.000	1009.744	244668.23	0.0832	P	5.8
9	☐			4542.54	0.0016	P	4.1

$$y = 8.2365E-005 * x + 4.1332E-005$$

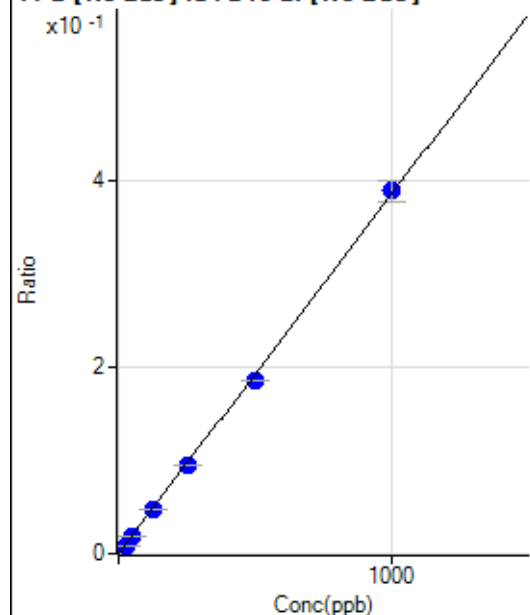
$$R = 0.9998$$

$$DL = 0.226$$

$$BEC = 0.5018$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	483.36	0.0002	P	11.3
2	☐	2.500					
3	☐	25.000	22.975	28266.08	0.0090	P	2.7
4	☐	50.000	49.209	60307.51	0.0191	P	2.4
5	☐	125.000	123.663	150425.55	0.0477	P	0.7
6	☐	250.000	245.899	299026.55	0.0947	P	1.4
7	☐	500.000	483.295	578465.37	0.1861	P	0.3
8	☐	1000.000	1009.635	1142342.90	0.3885	P	6.0
9	☐			21274.11	0.0073	P	2.8

$$y = 3.8466E-004 * x + 1.5636E-004$$

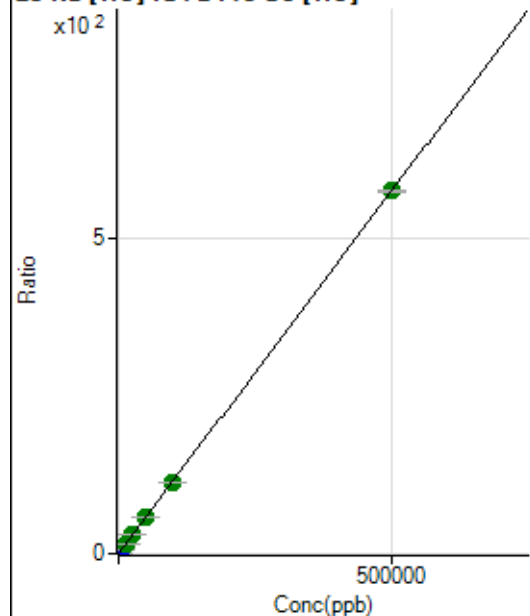
$$R = 0.9998$$

$$DL = 0.1378$$

$$BEC = 0.4065$$

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	12302.69	0.0284	P	2.4
2	☐	50.000					
3	☐	500.000	468.419	248631.04	0.5662	P	0.1
4	☐	5000.000	5092.202	2561032.50	5.8750	P	0.9
5	☐	12500.000	12692.704	6201963.68	14.6016	A	0.5
6	☐	25000.000	25293.763	11774057.29	29.0696	A	0.6
7	☐	50000.000	50081.619	22160043.20	57.5299	A	0.9
8	☐	100000.00	98579.678	44356544.74	113.2133	A	0.4
9	☐	500000.00	500255.50	243972783.2	574.4001	A	0.7

$$y = 0.0011 * x + 0.0284$$

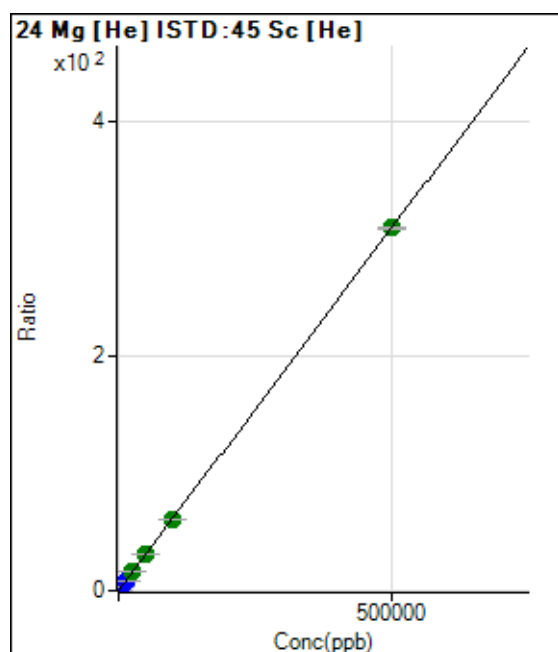
$$R = 1.0000$$

$$DL = 1.771$$

$$BEC = 24.73$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	177.78	0.0004	P	15.2
2	☐	50.000					
3	☐	500.000	462.204	125496.57	0.2858	P	0.7
4	☐	5000.000	5122.726	1379060.31	3.1636	P	1.1
5	☐	12500.000	12854.741	3371599.01	7.9379	P	0.5
6	☐	25000.000	25380.796	6347818.89	15.6725	A	0.4
7	☐	50000.000	50373.602	11981316.59	31.1050	A	0.8
8	☐	100000.00	98470.327	23822719.80	60.8036	A	0.4
9	☐	500000.00	500239.47	131197848.7	308.8869	A	0.6

$$y = 6.1748\text{E-}004 * x + 4.1039\text{E-}004$$

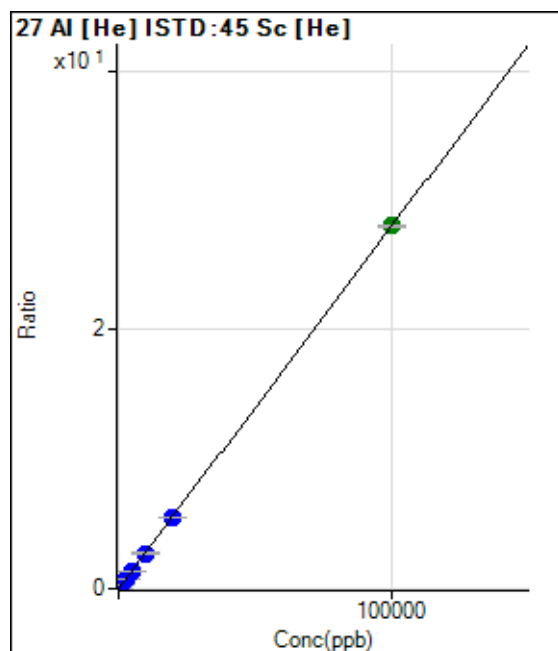
$$R = 1.0000$$

$$DL = 0.3038$$

$$BEC = 0.6646$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	91.67	0.0002	P	18.3
2	☐	2.000					
3	☐	20.000	18.534	2372.51	0.0054	P	5.3
4	☐	1000.000	997.916	121940.93	0.2797	P	0.8
5	☐	2500.000	2483.243	295519.76	0.6958	P	1.1
6	☐	5000.000	4953.605	562083.62	1.3877	P	0.2
7	☐	10000.000	9812.061	1058729.55	2.7486	P	1.0
8	☐	20000.000	19449.682	2134565.35	5.4482	P	0.3
9	☐	100000.00	100131.61	11913048.53	28.0475	A	0.5

$$y = 2.8010\text{E-}004 * x + 2.1161\text{E-}004$$

$$R = 1.0000$$

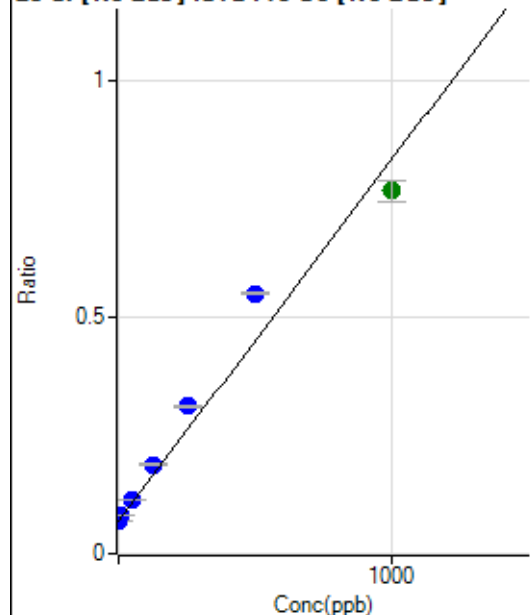
$$DL = 0.4147$$

$$BEC = 0.7555$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	492694.20	0.0688	P	0.8
2	☐	1.000					
3	☐	10.000	15.929	587554.87	0.0810	P	0.2
4	☐	50.000	60.850	843292.01	0.1154	P	0.4
5	☐	125.000	157.254	1362791.13	0.1892	P	0.5
6	☐	250.000	317.165	2212652.28	0.3116	P	0.2
7	☐	500.000	629.577	3743175.69	0.5507	P	1.1
8	☐	1000.000	913.787	5011050.89	0.7682	A	5.5
9	☐			1046003.79	0.1524	P	1.7

$$y = 7.6541\text{E-}004 * x + 0.0688$$

$$R = 0.9836$$

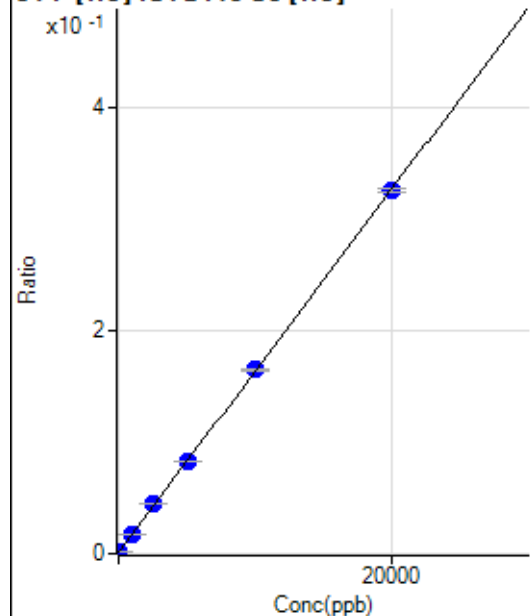
$$DL = 2.242$$

$$BEC = 89.92$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-0.960	416.69	0.0010	P	7.0
2	☐	0.000					
3	☐	0.000	0.960	436.14	0.0010	P	16.4
4	☐	1000.000	1021.453	7660.57	0.0176	P	4.6
5	☐	2500.000	2657.029	18751.27	0.0441	P	0.7
6	☐	5000.000	5066.640	33736.41	0.0833	P	0.3
7	☐	10000.000	10085.097	63488.64	0.1648	P	1.0
8	☐	20000.000	19920.090	127177.37	0.3246	P	1.0
9	☐			441.69	0.0010	P	11.2

$$y = 1.6246\text{E-}005 * x + 9.7733\text{E-}004$$

$$R = 1.0000$$

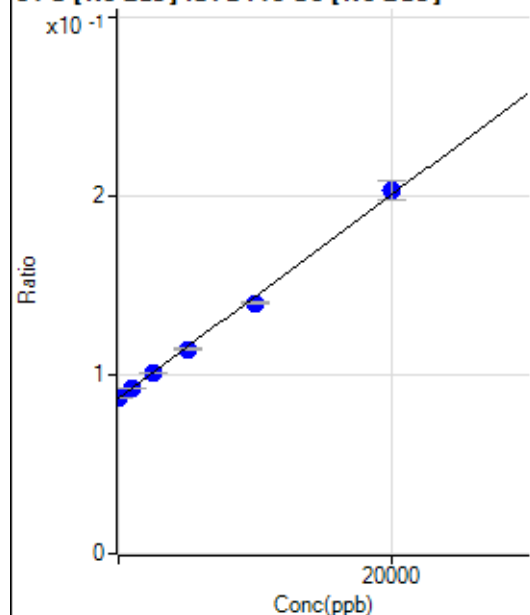
$$DL = 21.26$$

$$BEC = 60.16$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	2.240	623875.89	0.0871	P	0.4
2	☐	0.000					
3	☐	0.000	-2.240	631812.70	0.0871	P	0.7
4	☐	1000.000	964.968	676909.47	0.0926	P	0.7
5	☐	2500.000	2487.184	729719.95	0.1013	P	0.7
6	☐	5000.000	4828.394	814094.43	0.1146	P	0.7
7	☐	10000.000	9364.247	954900.34	0.1405	P	0.5
8	☐	20000.000	20364.131	1325133.60	0.2031	P	5.4
9	☐			508378.86	0.0741	P	0.4

$$y = 5.6970\text{E-}006 * x + 0.0871$$

$$R = 0.9992$$

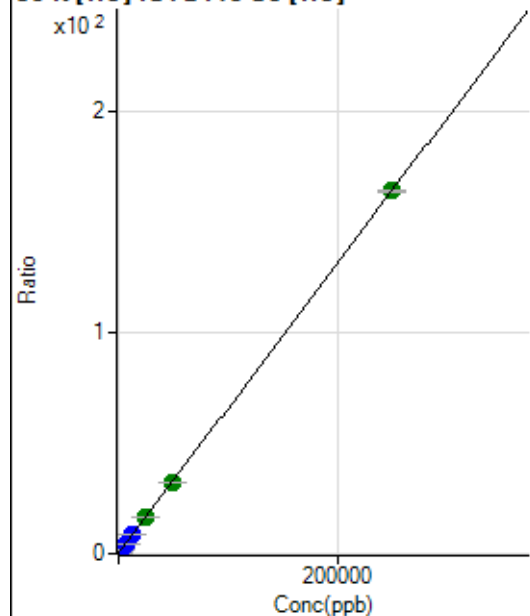
$$DL = 241.4$$

$$BEC = 1.529\text{E}+04$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	63433.69	0.1464	P	1.5
2	☐	50.000					
3	☐	500.000	472.032	200126.35	0.4558	P	0.3
4	☐	2500.000	2529.543	786488.96	1.8042	P	1.3
5	☐	6250.000	6318.526	1821103.71	4.2874	P	0.4
6	☐	12500.000	12560.511	3393431.11	8.3783	P	0.6
7	☐	25000.000	24426.736	6222839.68	16.1552	A	0.6
8	☐	50000.000	48718.152	12567006.45	32.0754	A	0.4
9	☐	250000.00	250308.71	69741457.11	164.1940	A	0.2

$$y = 6.5538\text{E-}004 * x + 0.1464$$

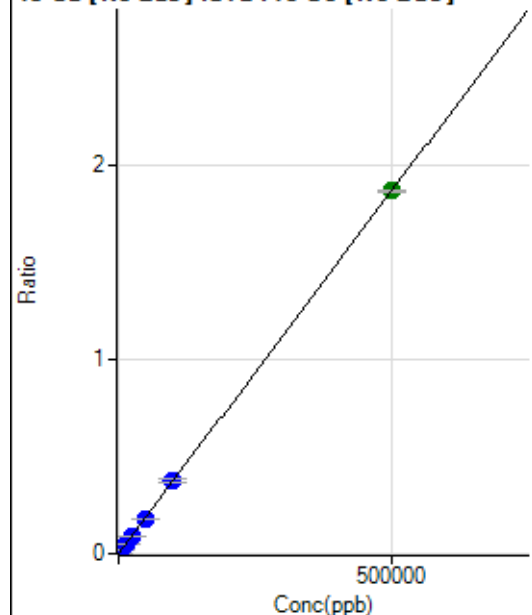
$$R = 1.0000$$

$$DL = 10.24$$

$$BEC = 223.4$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	188.90	0.0000	P	27.5
2	☐	50.000					
3	☐	500.000	447.992	12313.92	0.0017	P	0.8
4	☐	5000.000	4781.014	130550.46	0.0179	P	0.7
5	☐	12500.000	12131.290	326249.22	0.0453	P	0.7
6	☐	25000.000	23991.957	635883.54	0.0895	P	0.4
7	☐	50000.000	47852.398	1213758.85	0.1786	P	0.8
8	☐	100000.00	100169.52	2437828.12	0.3738	P	5.8
9	☐	500000.00	500242.71	12811651.67	1.8665	A	0.4

$$y = 3.7312\text{E-}006 * x + 2.6416\text{E-}005$$

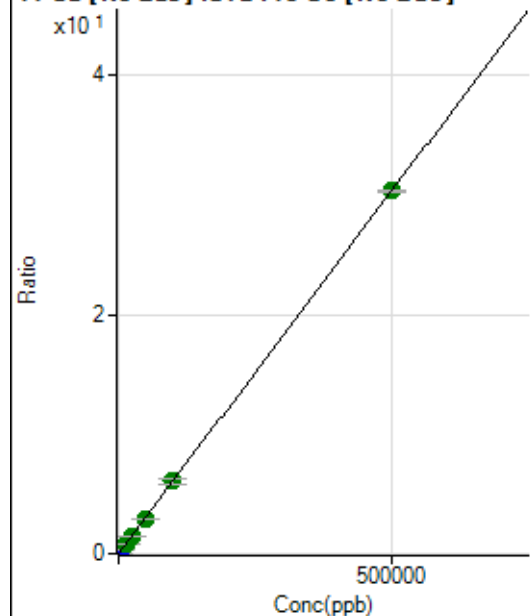
$$R = 1.0000$$

$$DL = 5.848$$

$$BEC = 7.08$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12631.03	0.0018	P	2.8
2	☐	50.000					
3	☐	500.000	446.543	209115.25	0.0288	P	0.6
4	☐	5000.000	4805.741	2141894.67	0.2931	P	0.3
5	☐	12500.000	12062.149	5280151.20	0.7330	A	0.5
6	☐	25000.000	23883.553	10294296.59	1.4497	A	0.3
7	☐	50000.000	47796.780	19707879.78	2.8993	A	0.3
8	☐	100000.00	99568.573	39380366.16	6.0379	A	5.8
9	☐	500000.00	500375.37	208224444.9	30.3359	A	0.3

$$y = 6.0623\text{E-}005 * x + 0.0018$$

$$R = 1.0000$$

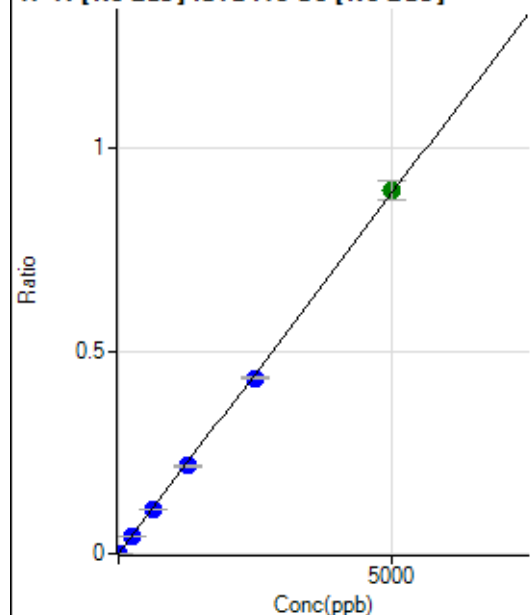
$$DL = 2.416$$

$$BEC = 29.1$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	102.78	0.0000	P	62.2
2	☐	0.500					
3	☐	5.000	4.593	6018.12	0.0008	P	4.3
4	☐	250.000	242.861	315128.79	0.0431	P	0.7
5	☐	625.000	605.457	774238.80	0.1075	P	0.4
6	☐	1250.000	1217.123	1534234.34	0.2161	P	0.5
7	☐	2500.000	2442.334	2946832.99	0.4335	P	0.7
8	☐	5000.000	5039.853	5835289.41	0.8946	A	5.4
9	☐			3297.74	0.0005	P	1.2

$$y = 1.7750\text{E-}004 * x + 1.4400\text{E-}005$$

$$R = 0.9999$$

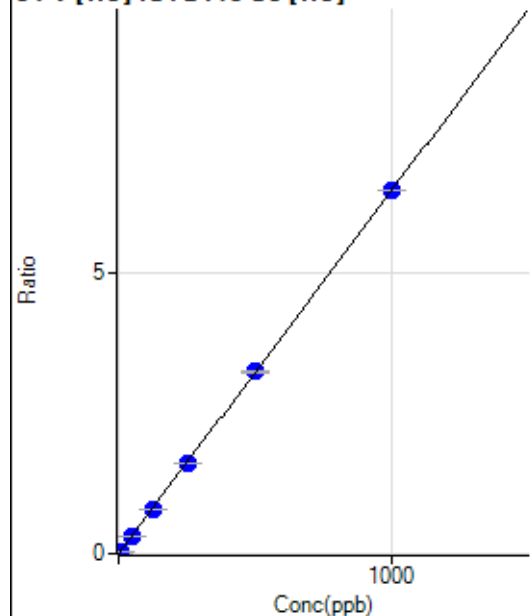
$$DL = 0.1513$$

$$BEC = 0.08112$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	14.45	0.0000	P	26.6
2	☐	0.500					
3	☐	5.000	4.506	12825.75	0.0292	P	1.2
4	☐	50.000	49.554	139883.37	0.3209	P	0.2
5	☐	125.000	124.233	341687.42	0.8044	P	0.0
6	☐	250.000	249.665	654753.59	1.6166	P	0.4
7	☐	500.000	501.294	1250275.66	3.2458	P	0.4
8	☐	1000.000	999.557	2535726.32	6.4720	P	0.1
9	☐			1214.51	0.0029	P	6.0

$$y = 0.0065 * x + 3.3340\text{E-}005$$

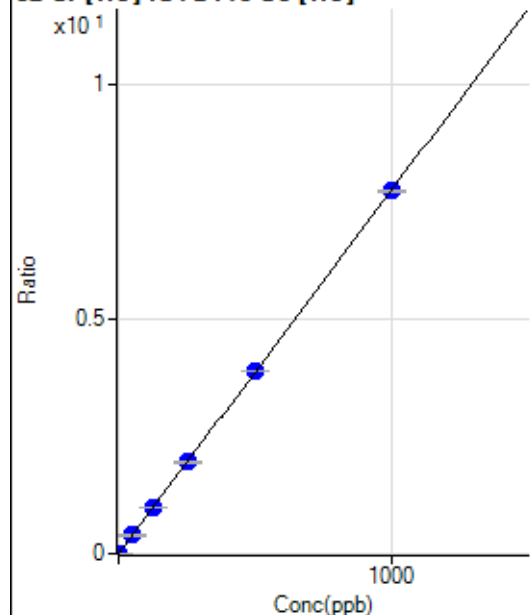
$$R = 1.0000$$

$$DL = 0.004113$$

$$BEC = 0.005149$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	604.47	0.0014	P	11.5
2	☐	0.200					
3	☐	2.000	1.946	7241.89	0.0165	P	1.6
4	☐	50.000	50.204	170427.43	0.3910	P	1.1
5	☐	125.000	124.891	412219.03	0.9705	P	0.5
6	☐	250.000	251.452	790856.16	1.9526	P	0.4
7	☐	500.000	502.922	1503763.50	3.9039	P	0.1
8	☐	1000.000	998.180	3035251.21	7.7469	P	0.4
9	☐			87009.39	0.2048	P	0.4

$$y = 0.0078 * x + 0.0014$$

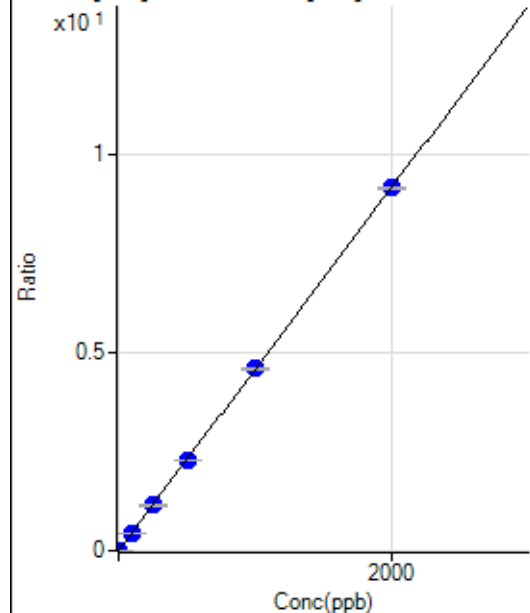
$$R = 1.0000$$

$$DL = 0.06217$$

$$BEC = 0.1798$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	78.89	0.0002	P	30.6
2	☐	0.100					
3	☐	1.000	0.970	2030.17	0.0046	P	2.5
4	☐	100.000	100.044	199727.02	0.4582	P	0.5
5	☐	250.000	249.492	485188.44	1.1423	P	0.9
6	☐	500.000	502.303	931457.48	2.2997	P	0.3
7	☐	1000.000	1002.019	1767019.90	4.5873	P	0.4
8	☐	2000.000	1998.476	3584607.86	9.1490	P	0.4
9	☐			14339.39	0.0338	P	1.9

$$y = 0.0046 * x + 1.8210E-004$$

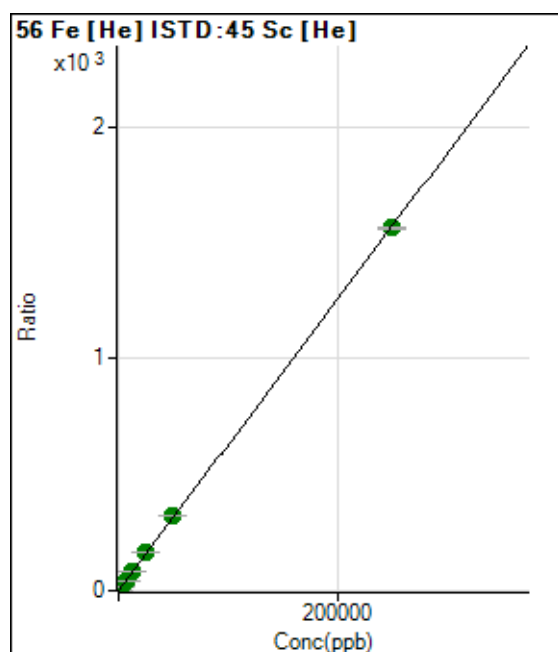
$$R = 1.0000$$

$$DL = 0.03654$$

$$BEC = 0.03978$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5267.76	0.0122	P	1.2
2	☐	5.000					
3	☐	50.000	48.565	138924.53	0.3164	P	0.3
4	☐	2500.000	2598.371	7100734.53	16.2893	A	1.1
5	☐	6250.000	6545.324	17420843.91	41.0144	A	0.4
6	☐	12500.000	13166.861	33413020.89	82.4941	A	0.1
7	☐	25000.000	26359.637	63610224.57	165.1384	A	0.5
8	☐	50000.000	51928.936	127458051.0	325.3137	A	0.3
9	☐	250000.00	249436.53	663688585.2	1,562.572	A	0.9

$$y = 0.0063 * x + 0.0122$$

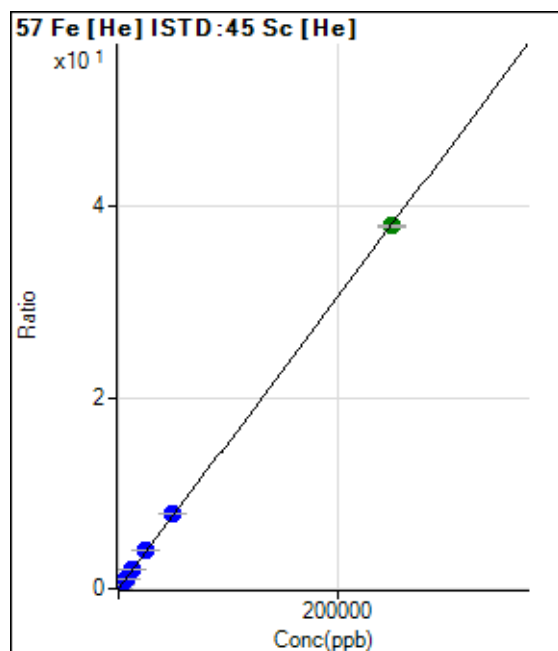
$$R = 1.0000$$

$$DL = 0.06898$$

$$BEC = 1.941$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	624.10	0.0014	P	11.8
2	☐	5.000					
3	☐	50.000	51.180	4054.38	0.0092	P	1.3
4	☐	2500.000	2597.545	173060.19	0.3970	P	0.4
5	☐	6250.000	6598.422	427407.43	1.0062	P	0.6
6	☐	12500.000	13261.809	818515.53	2.0209	P	0.8
7	☐	25000.000	26455.092	1552342.88	4.0300	P	0.2
8	☐	50000.000	52172.322	3113323.04	7.9462	P	0.0
9	☐	250000.00	249372.25	16130184.62	37.9758	A	0.3

$$y = 1.5228E-004 * x + 0.0014$$

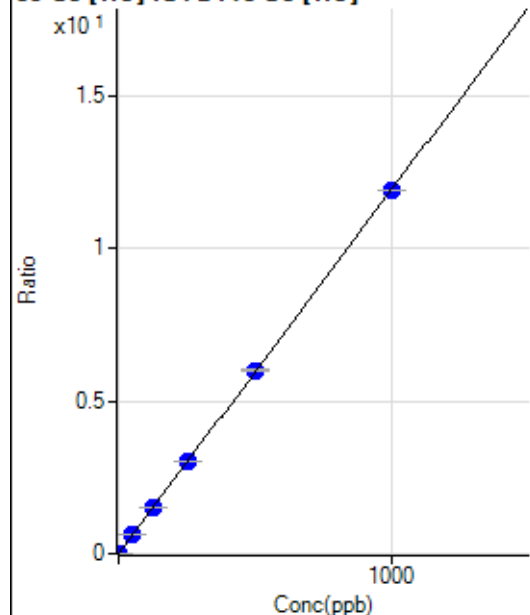
$$R = 0.9999$$

$$DL = 3.349$$

$$BEC = 9.458$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	112.22	0.0003	P	6.4
2	☐	0.100					
3	☐	1.000	0.936	5019.84	0.0114	P	3.4
4	☐	50.000	50.483	262690.26	0.6026	P	0.9
5	☐	125.000	126.037	638858.18	1.5041	P	0.8
6	☐	250.000	253.436	1224905.81	3.0242	P	0.0
7	☐	500.000	504.259	2317698.99	6.0170	P	0.3
8	☐	1000.000	996.858	4660267.36	11.8946	P	0.1
9	☐			58687.16	0.1382	P	0.6

$$y = 0.0119 * x + 2.5903E-004$$

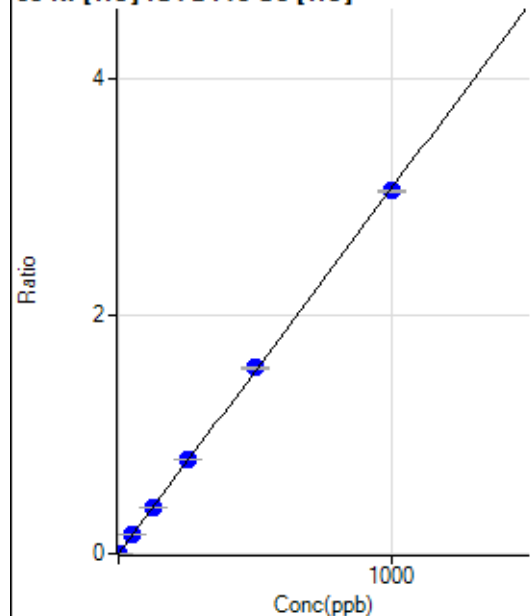
$$R = 1.0000$$

$$DL = 0.004138$$

$$BEC = 0.02171$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52.22	0.0001	P	37.0
2	☐	0.100					
3	☐	1.000	1.034	1448.99	0.0033	P	4.8
4	☐	50.000	51.356	68915.59	0.1581	P	0.4
5	☐	125.000	128.584	168050.58	0.3956	P	0.5
6	☐	250.000	259.102	322866.14	0.7971	P	0.3
7	☐	500.000	508.151	602133.55	1.5632	P	0.5
8	☐	1000.000	993.133	1196968.12	3.0550	P	0.5
9	☐			31560.78	0.0743	P	0.8

$$y = 0.0031 * x + 1.2058E-004$$

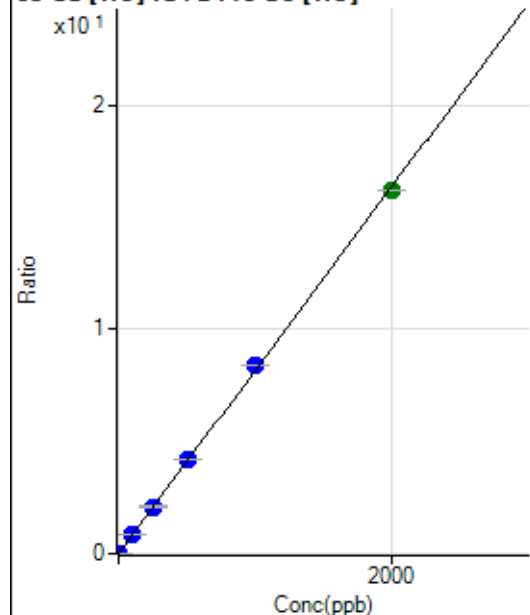
$$R = 0.9999$$

$$DL = 0.04349$$

$$BEC = 0.0392$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	737.81	0.0017	P	4.1
2	☐	0.200					
3	☐	2.000	1.904	7585.41	0.0173	P	1.4
4	☐	100.000	102.392	365750.85	0.8390	P	0.5
5	☐	250.000	256.470	891546.31	2.0990	P	0.7
6	☐	500.000	517.113	1713481.76	4.2305	P	0.3
7	☐	1000.000	1031.205	3248963.84	8.4346	P	0.3
8	☐	2000.000	1979.191	6342059.00	16.1870	A	0.1
9	☐			8545.94	0.0201	P	1.4

$$y = 0.0082 * x + 0.0017$$

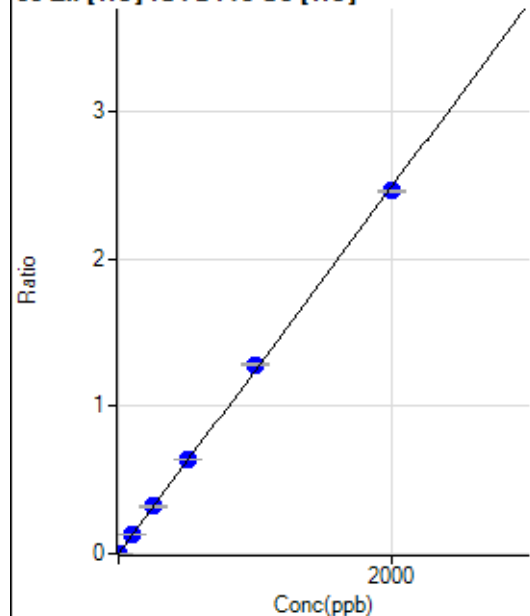
$$R = 0.9998$$

$$DL = 0.02564$$

$$BEC = 0.2082$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	97.78	0.0002	P	18.6
2	☐	0.200					
3	☐	2.000	2.111	1253.41	0.0029	P	4.3
4	☐	100.000	103.496	56290.30	0.1291	P	1.3
5	☐	250.000	256.924	136020.80	0.3202	P	0.7
6	☐	500.000	517.649	261231.86	0.6450	P	0.5
7	☐	1000.000	1030.552	494513.33	1.2838	P	0.8
8	☐	2000.000	1979.271	965971.00	2.4654	P	0.7
9	☐			5413.32	0.0127	P	1.9

$$y = 0.0012 * x + 2.2562E-004$$

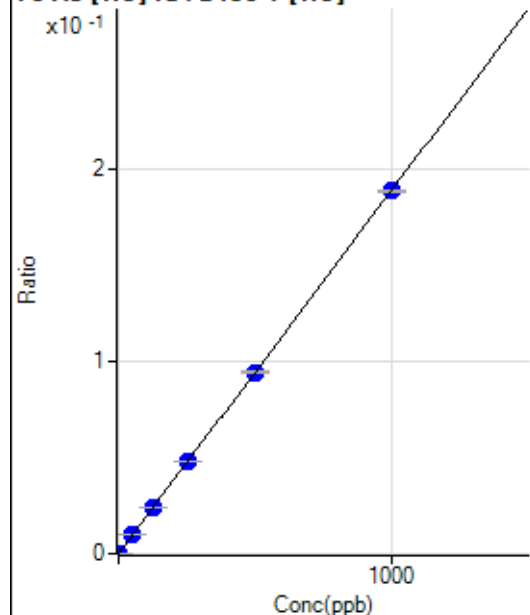
$$R = 0.9998$$

$$DL = 0.101$$

$$BEC = 0.1811$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.09	0.0000	P	125.2
2	☐	0.100					
3	☐	1.000	0.893	365.44	0.0002	P	6.1
4	☐	50.000	51.343	20825.46	0.0097	P	0.7
5	☐	125.000	127.321	50578.85	0.0241	P	0.2
6	☐	250.000	253.234	97227.69	0.0479	P	0.6
7	☐	500.000	500.149	185674.28	0.0946	P	0.4
8	☐	1000.000	998.760	375954.90	0.1890	P	0.5
9	☐			612.36	0.0003	P	1.4

$$y = 1.8922\text{E-}004 * x + 1.4747\text{E-}006$$

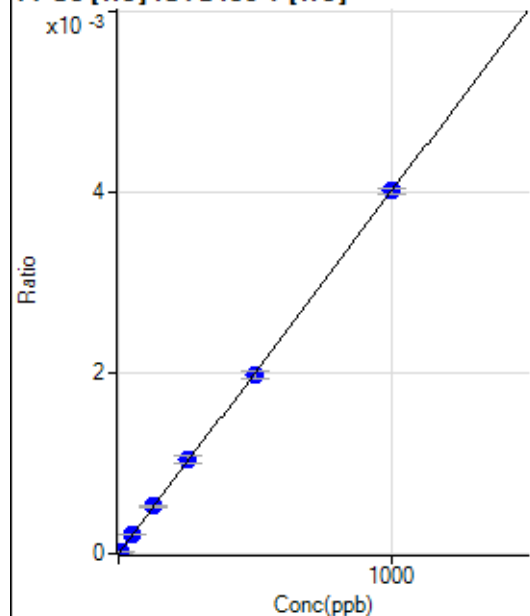
$$R = 1.0000$$

$$DL = 0.02926$$

$$BEC = 0.007793$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.22	0.0000	P	86.6
2	☐	0.500					
3	☐	5.000	4.638	42.22	0.0000	P	15.2
4	☐	50.000	52.567	454.46	0.0002	P	2.7
5	☐	125.000	130.831	1104.50	0.0005	P	1.9
6	☐	250.000	259.719	2116.86	0.0010	P	9.0
7	☐	500.000	491.965	3876.14	0.0020	P	4.7
8	☐	1000.000	1000.732	7992.35	0.0040	P	1.8
9	☐			8.89	0.0000	P	94.4

$$y = 4.0133\text{E-}006 * x + 1.0586\text{E-}006$$

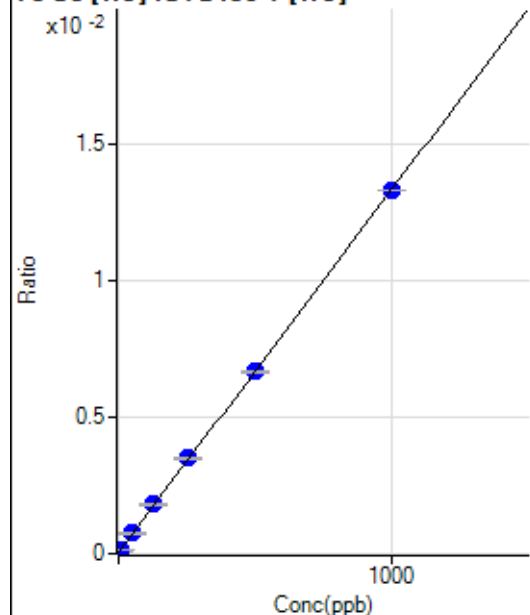
$$R = 0.9999$$

$$DL = 0.6853$$

$$BEC = 0.2638$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	108.65	0.0001	P	12.3
2	☐	0.500					
3	☐	5.000	4.677	244.45	0.0001	P	13.5
4	☐	50.000	52.283	1600.72	0.0007	P	5.0
5	☐	125.000	131.924	3790.65	0.0018	P	6.0
6	☐	250.000	258.953	7090.06	0.0035	P	1.9
7	☐	500.000	499.120	13118.36	0.0067	P	1.4
8	☐	1000.000	997.224	26474.79	0.0133	P	0.2
9	☐			131.48	0.0001	P	6.1

$$y = 1.3293\text{E-}005 * x + 5.1763\text{E-}005$$

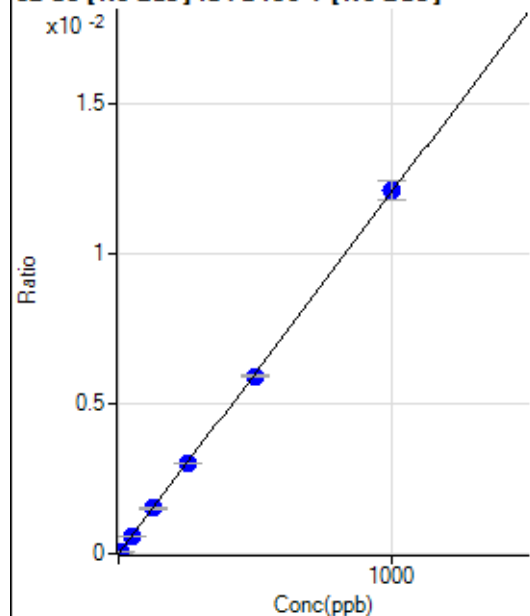
$$R = 0.9999$$

$$DL = 1.437$$

$$BEC = 3.894$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-19.76	0.0000	P	-412.
2	☐	0.500					
3	☐	5.000	5.015	643.87	0.0001	P	9.0
4	☐	50.000	50.214	6661.39	0.0006	P	1.1
5	☐	125.000	125.307	16509.71	0.0015	P	1.6
6	☐	250.000	249.017	32524.19	0.0030	P	0.6
7	☐	500.000	491.973	62700.38	0.0059	P	0.9
8	☐	1000.000	1004.210	123698.68	0.0121	P	5.3
9	☐			130.04	0.0000	P	22.2

$$y = 1.2044\text{E-}005 * x - 1.8185\text{E-}006$$

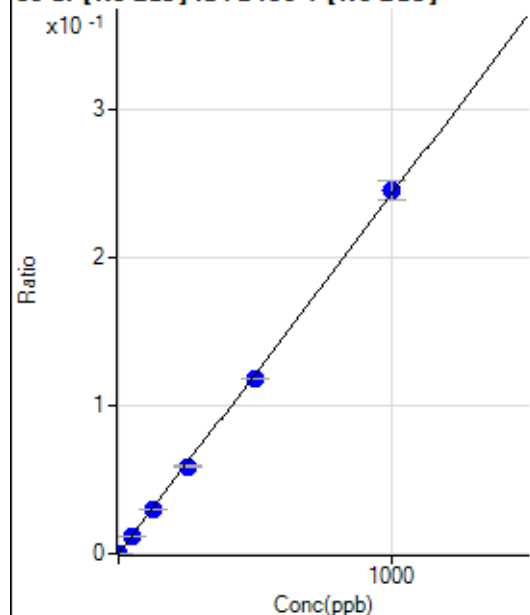
$$R = 1.0000$$

$$DL = 1.867$$

$$BEC = -0.151$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	816.73	0.0001	P	4.8
2	☐	0.100					
3	☐	1.000	0.914	3269.96	0.0003	P	3.1
4	☐	50.000	48.150	129926.06	0.0118	P	0.4
5	☐	125.000	121.246	323090.38	0.0295	P	1.2
6	☐	250.000	243.276	641423.13	0.0591	P	0.3
7	☐	500.000	484.999	1246621.30	0.1178	P	0.2
8	☐	1000.000	1009.744	2507249.56	0.2451	P	5.3
9	☐			83456.55	0.0079	P	1.6

$$y = 2.4268\text{E-}004 * x + 7.5710\text{E-}005$$

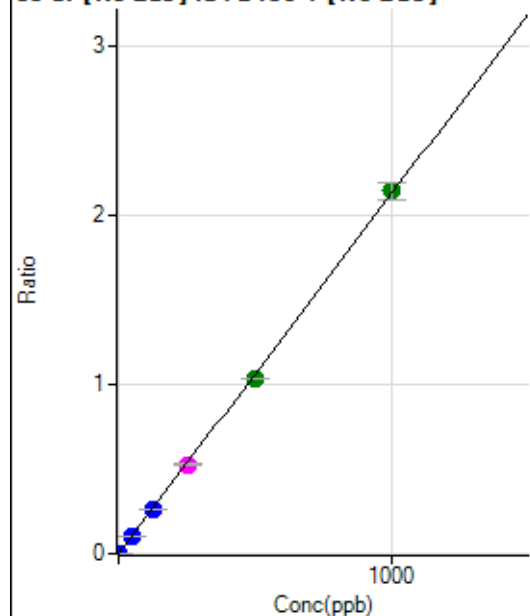
$$R = 0.9998$$

$$DL = 0.04516$$

$$BEC = 0.312$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	127.78	0.0000	P	32.3
2	☐	0.100					
3	☐	1.000	0.917	21575.27	0.0020	P	3.2
4	☐	50.000	48.707	1144707.40	0.1036	P	0.8
5	☐	125.000	122.696	2858598.20	0.2610	P	0.7
6	☐	250.000	247.391	5710044.18	0.5262	M	1.0
7	☐	500.000	485.508	10931362.14	1.0328	A	0.1
8	☐	1000.000	1008.251	21938989.38	2.1447	A	5.0
9	☐			728283.17	0.0690	P	0.3

$$y = 0.0021 * x + 1.1848\text{E-}005$$

$$R = 0.9998$$

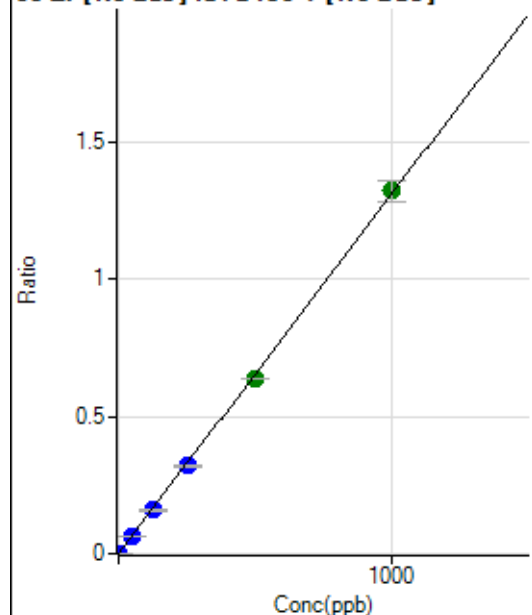
$$DL = 0.005391$$

$$BEC = 0.00557$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	627.82	0.0001	P	19.0
2	☐	0.100					
3	☐	1.000	0.933	14079.66	0.0013	P	4.3
4	☐	50.000	47.457	688238.94	0.0623	P	0.6
5	☐	125.000	121.039	1739282.66	0.1588	P	1.2
6	☐	250.000	243.817	3470366.49	0.3198	P	0.4
7	☐	500.000	485.675	6742760.04	0.6370	A	0.5
8	☐	1000.000	1009.331	13538658.12	1.3238	A	5.8
9	☐			3689.52	0.0003	P	10.6

$$y = 0.0013 * x + 5.8182E-005$$

$$R = 0.9998$$

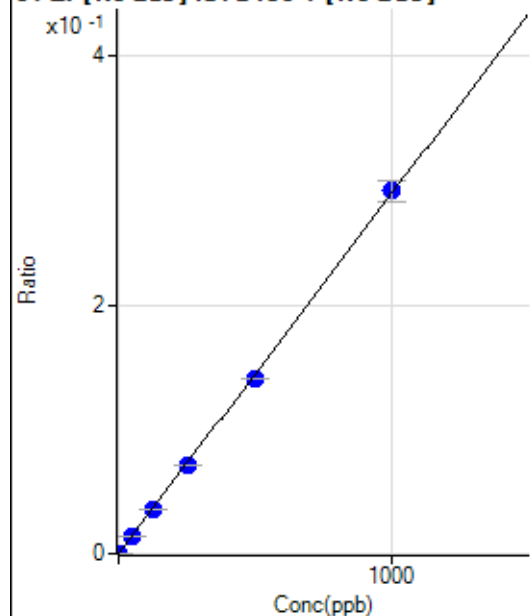
$$DL = 0.02533$$

$$BEC = 0.04436$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	166.68	0.0000	P	30.4
2	☐	0.100					
3	☐	1.000	0.937	3150.48	0.0003	P	6.6
4	☐	50.000	47.916	153343.53	0.0139	P	0.9
5	☐	125.000	121.261	384478.41	0.0351	P	1.1
6	☐	250.000	244.029	766370.81	0.0706	P	0.3
7	☐	500.000	487.200	1492380.66	0.1410	P	0.3
8	☐	1000.000	1008.464	2984801.67	0.2918	P	5.5
9	☐			769.50	0.0001	P	10.0

$$y = 2.8937E-004 * x + 1.5450E-005$$

$$R = 0.9999$$

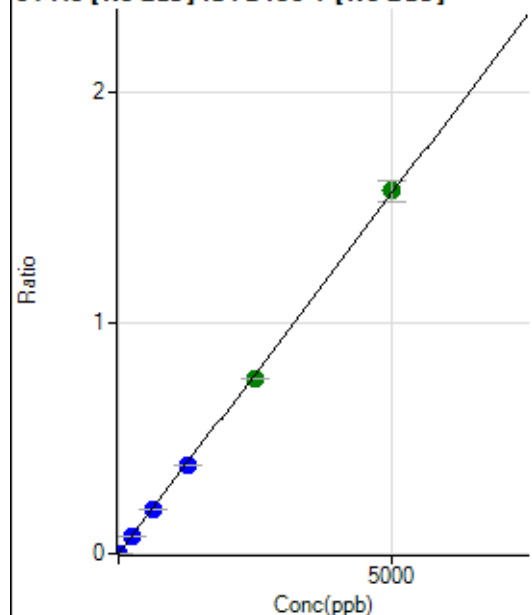
$$DL = 0.04865$$

$$BEC = 0.05339$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	219.45	0.0000	P	15.2
2	☐	0.500					
3	☐	5.000	4.578	15887.18	0.0014	P	3.0
4	☐	250.000	239.912	825524.95	0.0747	P	0.6
5	☐	625.000	608.900	2076875.37	0.1896	P	0.3
6	☐	1250.000	1232.867	4165763.72	0.3839	P	0.3
7	☐	2500.000	2430.042	8009487.16	0.7567	A	0.6
8	☐	5000.000	5041.779	16056535.25	1.5700	A	5.7
9	☐			16888.32	0.0016	P	1.9

$$y = 3.1139\text{E-}004 * x + 2.0341\text{E-}005$$

$$R = 0.9998$$

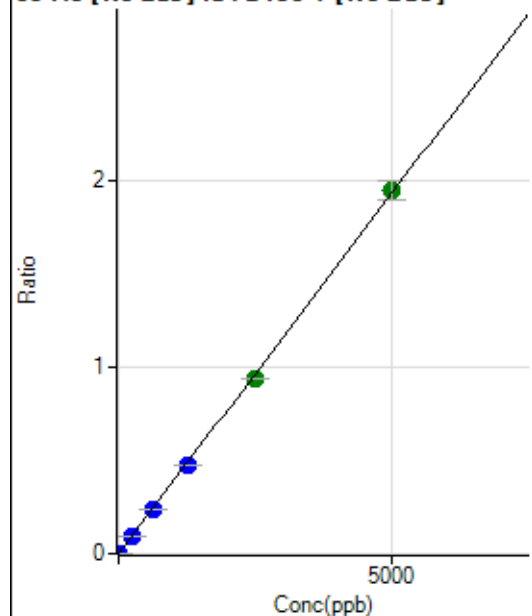
$$DL = 0.0297$$

$$BEC = 0.06532$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.56	0.0000	P	41.9
2	☐	0.500					
3	☐	5.000	4.492	19066.21	0.0017	P	1.7
4	☐	250.000	241.605	1029146.08	0.0932	P	0.4
5	☐	625.000	606.735	2562226.29	0.2339	P	0.4
6	☐	1250.000	1233.081	5158755.93	0.4754	P	0.7
7	☐	2500.000	2432.456	9927063.85	0.9379	A	0.5
8	☐	5000.000	5040.705	19878552.35	1.9435	A	5.4
9	☐			28070.23	0.0027	P	3.9

$$y = 3.8557\text{E-}004 * x + 2.8351\text{E-}006$$

$$R = 0.9999$$

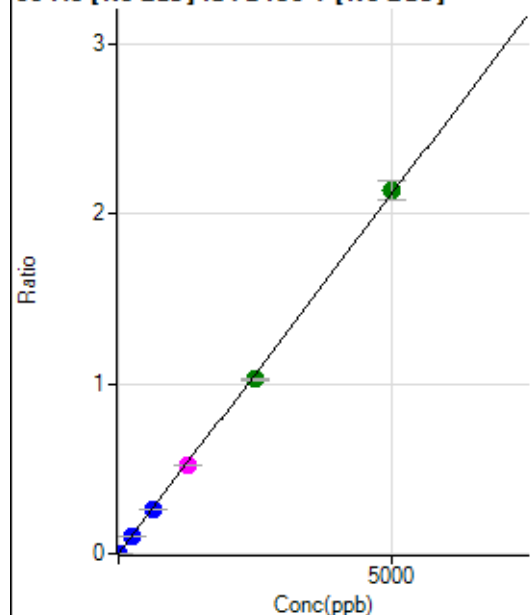
$$DL = 0.009235$$

$$BEC = 0.007353$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	33.1
2	☐	0.500					
3	☐	5.000	4.519	21105.28	0.0019	P	2.6
4	☐	250.000	239.418	1120456.43	0.1014	P	0.5
5	☐	625.000	604.842	2806203.34	0.2562	P	0.5
6	☐	1250.000	1231.126	5658668.40	0.5215	M	0.7
7	☐	2500.000	2425.939	10877067.69	1.0276	A	0.9
8	☐	5000.000	5044.798	21858443.54	2.1370	A	5.2
9	☐			32602.23	0.0031	P	2.0

$$y = 4.2360\text{E-}004 * x + 6.1814\text{E-}006$$

$$R = 0.9998$$

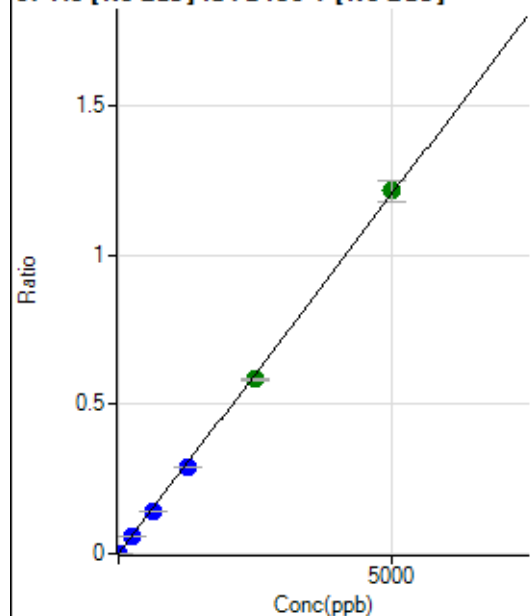
$$DL = 0.01451$$

$$BEC = 0.01459$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0000	P	50.0
2	☐	0.500					
3	☐	5.000	4.440	11797.05	0.0011	P	4.2
4	☐	250.000	236.689	629566.76	0.0570	P	1.1
5	☐	625.000	600.331	1583028.55	0.1445	P	0.1
6	☐	1250.000	1209.758	3160323.81	0.2913	P	0.2
7	☐	2500.000	2425.697	6181379.83	0.5840	A	0.8
8	☐	5000.000	5050.962	12437469.64	1.2160	A	5.5
9	☐			17745.08	0.0017	P	1.6

$$y = 2.4075\text{E-}004 * x + 4.6345\text{E-}006$$

$$R = 0.9998$$

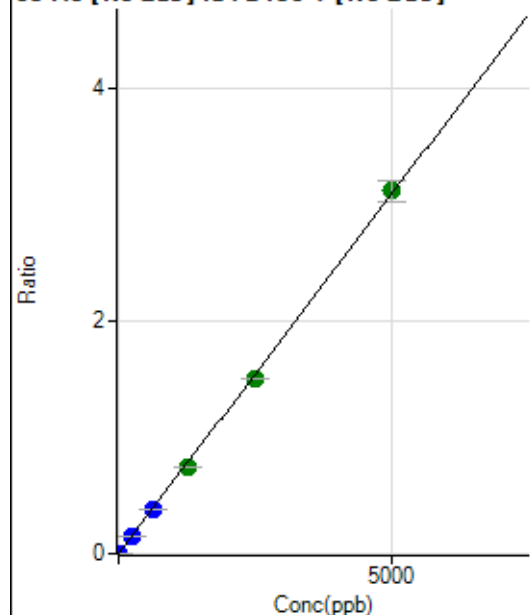
$$DL = 0.02889$$

$$BEC = 0.01925$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0000	P	86.6
2	☐	0.500					
3	☐	5.000	4.538	30781.34	0.0028	P	1.7
4	☐	250.000	238.186	1623166.96	0.1469	P	1.0
5	☐	625.000	609.537	4118099.27	0.3760	P	0.7
6	☐	1250.000	1215.016	8132496.02	0.7495	A	0.2
7	☐	2500.000	2429.956	15865777.09	1.4989	A	0.4
8	☐	5000.000	5046.292	31836660.43	3.1129	A	5.6
9	☐			44760.19	0.0042	P	3.0

$$y = 6.1686\text{E-}004 * x + 1.5443\text{E-}006$$

$$R = 0.9998$$

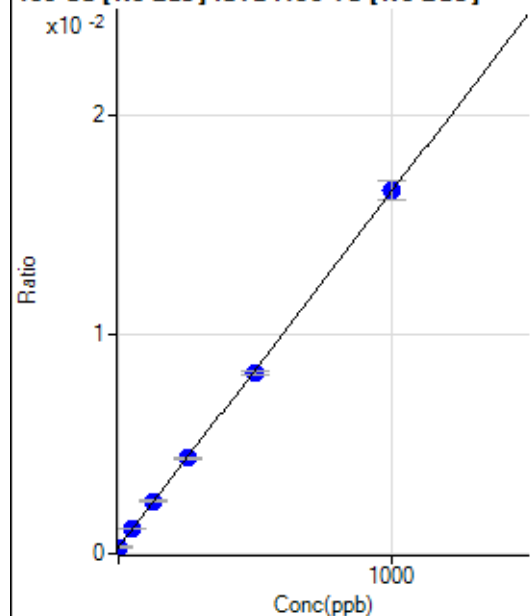
$$DL = 0.006504$$

$$BEC = 0.002504$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3670.09	0.0003	P	7.1
2	☐	0.100					
3	☐	1.000	1.297	4014.66	0.0003	P	1.4
4	☐	50.000	52.152	14936.33	0.0011	P	3.3
5	☐	125.000	130.189	31547.17	0.0024	P	2.2
6	☐	250.000	252.354	58075.49	0.0044	P	2.0
7	☐	500.000	492.302	109604.77	0.0083	P	2.0
8	☐	1000.000	1002.504	211770.52	0.0165	P	5.4
9	☐			3356.12	0.0003	P	6.0

$$y = 1.6198\text{E-}005 * x + 2.8499\text{E-}004$$

$$R = 0.9999$$

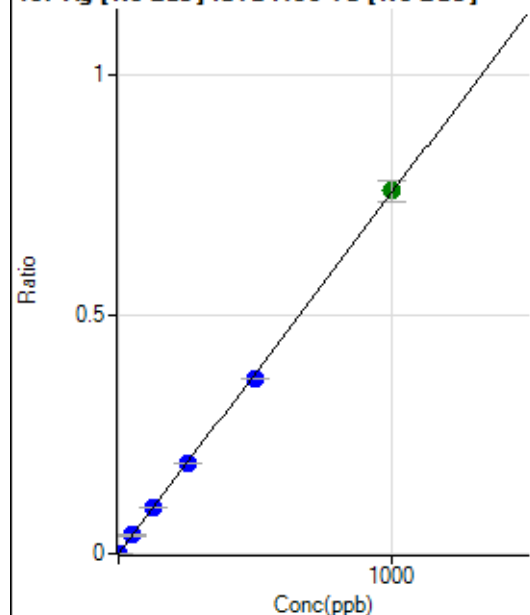
$$DL = 3.772$$

$$BEC = 17.59$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	77.78	0.0000	P	37.4
2	☐	0.100					
3	☐	1.000	0.949	9453.53	0.0007	P	2.5
4	☐	50.000	50.674	504554.04	0.0382	P	1.3
5	☐	125.000	127.259	1262973.25	0.0958	P	0.9
6	☐	250.000	250.072	2501111.34	0.1883	P	0.3
7	☐	500.000	486.379	4860317.25	0.3662	P	0.3
8	☐	1000.000	1006.477	9711122.87	0.7579	A	6.0
9	☐			1347.34	0.0001	P	6.3

$$y = 7.5300\text{E-}004 * x + 6.0343\text{E-}006$$

$$R = 0.9999$$

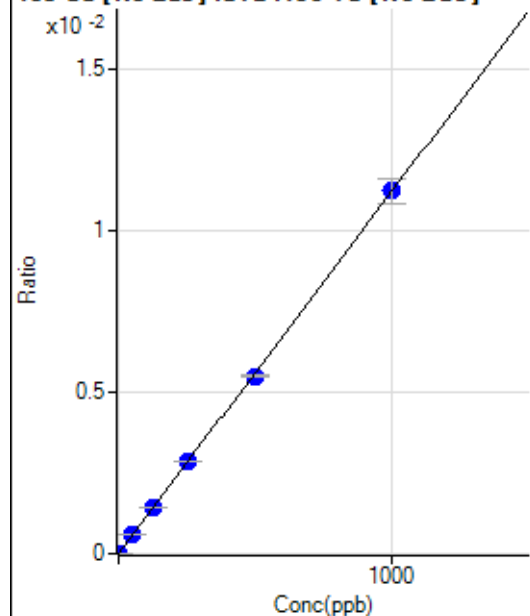
$$DL = 0.008997$$

$$BEC = 0.008014$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0000	P	49.7
2	☐	0.100					
3	☐	1.000	1.122	181.95	0.0000	P	20.8
4	☐	50.000	51.790	7693.91	0.0006	P	2.2
5	☐	125.000	128.896	19061.70	0.0014	P	1.1
6	☐	250.000	254.615	37931.52	0.0029	P	1.1
7	☐	500.000	490.549	72998.35	0.0055	P	0.9
8	☐	1000.000	1002.995	144069.38	0.0112	P	6.7
9	☐			33.33	0.0000	P	12.1

$$y = 1.1211\text{E-}005 * x + 1.2933\text{E-}006$$

$$R = 0.9999$$

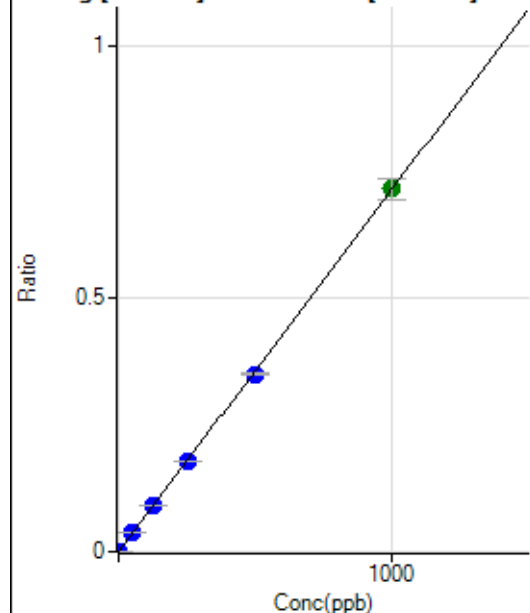
$$DL = 0.1721$$

$$BEC = 0.1154$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52.78	0.0000	P	36.0
2	☐	0.100					
3	☐	1.000	0.957	9028.23	0.0007	P	4.8
4	☐	50.000	50.799	480038.43	0.0363	P	0.3
5	☐	125.000	127.933	1205016.48	0.0914	P	0.4
6	☐	250.000	251.731	2389495.87	0.1799	P	0.3
7	☐	500.000	491.824	4664545.42	0.3515	P	0.2
8	☐	1000.000	1003.249	9188347.60	0.7170	A	5.6
9	☐			1261.23	0.0001	P	9.2

$$y = 7.1466\text{E-}004 * x + 4.0940\text{E-}006$$

$$R = 0.9999$$

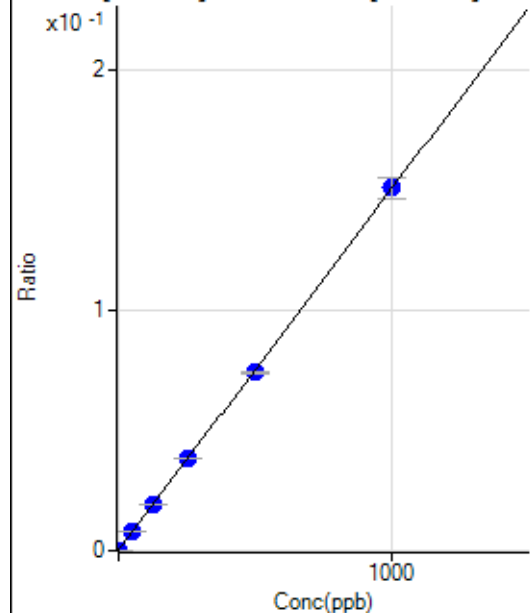
$$DL = 0.006188$$

$$BEC = 0.005729$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2560.18	0.0002	P	6.9
2	☐	0.100					
3	☐	1.000	0.909	4401.10	0.0003	P	1.5
4	☐	50.000	51.308	104560.88	0.0079	P	1.2
5	☐	125.000	128.222	256553.14	0.0195	P	0.6
6	☐	250.000	252.177	505956.18	0.0381	P	0.3
7	☐	500.000	491.607	982987.14	0.0741	P	0.6
8	☐	1000.000	1003.184	1934292.56	0.1509	P	5.8
9	☐			2652.35	0.0002	P	5.0

$$y = 1.5027\text{E-}004 * x + 1.9880\text{E-}004$$

$$R = 0.9999$$

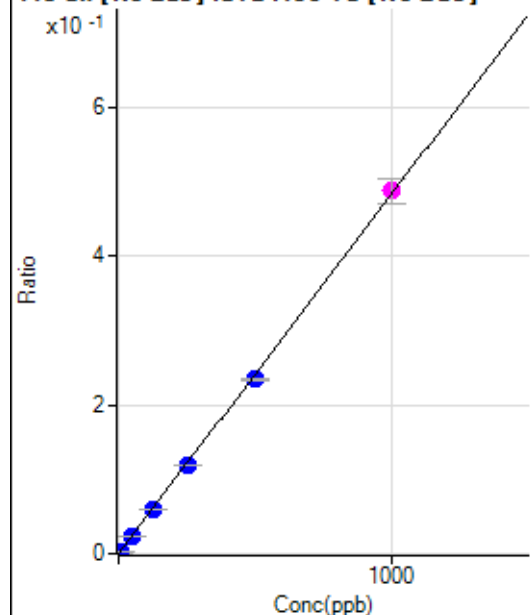
$$DL = 0.2757$$

$$BEC = 1.323$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	416.69	0.0000	P	25.7
2	☐	0.500					
3	☐	5.000	4.574	29456.86	0.0022	P	2.0
4	☐	50.000	49.144	314745.29	0.0238	P	1.2
5	☐	125.000	123.666	788867.29	0.0599	P	0.6
6	☐	250.000	245.529	1578048.17	0.1188	P	0.5
7	☐	500.000	484.233	3109051.70	0.2343	P	0.7
8	☐	1000.000	1009.213	6253983.69	0.4883	M	7.1
9	☐			15169.86	0.0012	P	1.5

$$y = 4.8376\text{E-}004 * x + 3.2334\text{E-}005$$

$$R = 0.9998$$

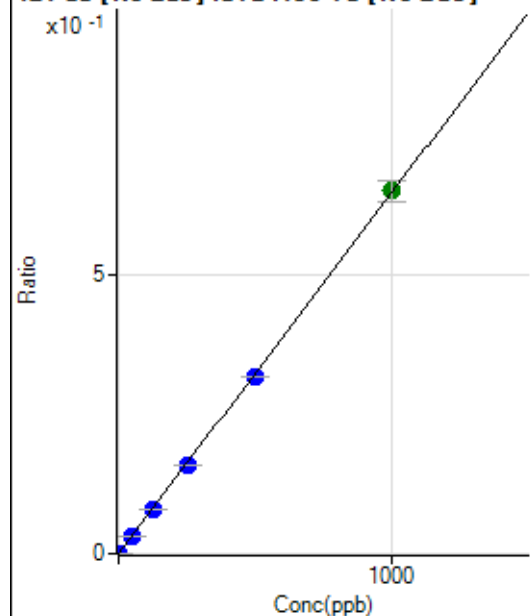
$$DL = 0.05159$$

$$BEC = 0.06684$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.33	0.0000	P	38.0
2	☐	0.200					
3	☐	2.000	1.847	15712.14	0.0012	P	1.2
4	☐	50.000	48.639	415512.96	0.0314	P	0.4
5	☐	125.000	123.706	1053343.03	0.0799	P	0.7
6	☐	250.000	247.050	2119972.68	0.1596	P	0.4
7	☐	500.000	490.167	4202366.24	0.3167	P	0.9
8	☐	1000.000	1005.884	8327807.91	0.6499	A	5.7
9	☐			18468.51	0.0014	P	7.7

$$y = 6.4605\text{E-}004 * x + 4.5315\text{E-}006$$

$$R = 0.9999$$

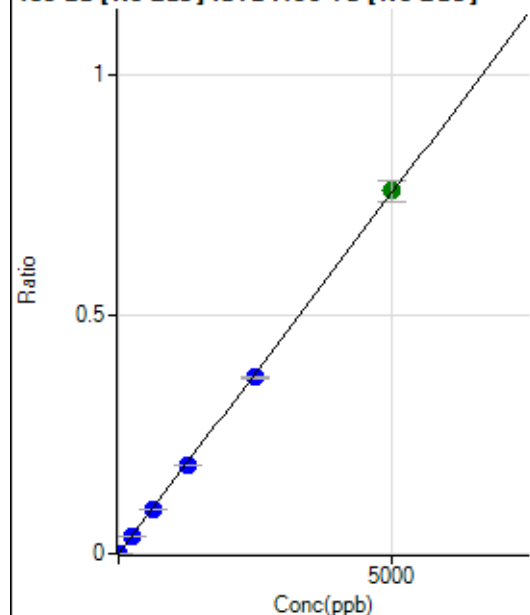
$$DL = 0.007998$$

$$BEC = 0.007014$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.11	0.0000	P	35.8
2	☐	1.000					
3	☐	10.000	9.109	18048.44	0.0014	P	1.6
4	☐	250.000	243.630	485536.01	0.0367	P	1.4
5	☐	625.000	615.472	1222586.72	0.0928	P	1.2
6	☐	1250.000	1235.584	2473527.62	0.1862	P	0.5
7	☐	2500.000	2442.174	4884557.66	0.3681	P	1.0
8	☐	5000.000	5034.028	9721460.98	0.7587	A	6.2
9	☐			2925.44	0.0002	P	4.9

$$y = 1.5072\text{E-}004 * x + 2.8072\text{E-}006$$

$$R = 0.9999$$

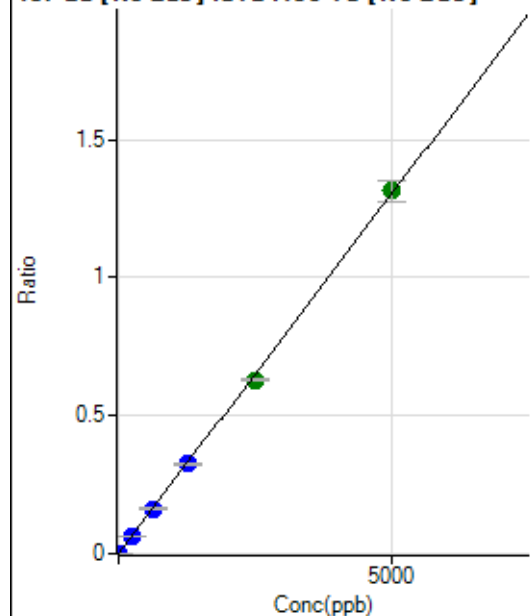
$$DL = 0.02001$$

$$BEC = 0.01863$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	69.45	0.0000	P	42.7
2	☐	1.000					
3	☐	10.000	8.990	30812.94	0.0023	P	1.6
4	☐	250.000	246.261	848768.81	0.0642	P	0.8
5	☐	625.000	624.779	2146334.71	0.1629	P	1.2
6	☐	1250.000	1247.657	4319681.69	0.3252	P	0.8
7	☐	2500.000	2414.727	8352948.45	0.6294	A	0.5
8	☐	5000.000	5043.439	16846739.61	1.3146	A	5.7
9	☐			5112.28	0.0004	P	2.8

$$y = 2.6066\text{E-}004 * x + 5.4004\text{E-}006$$

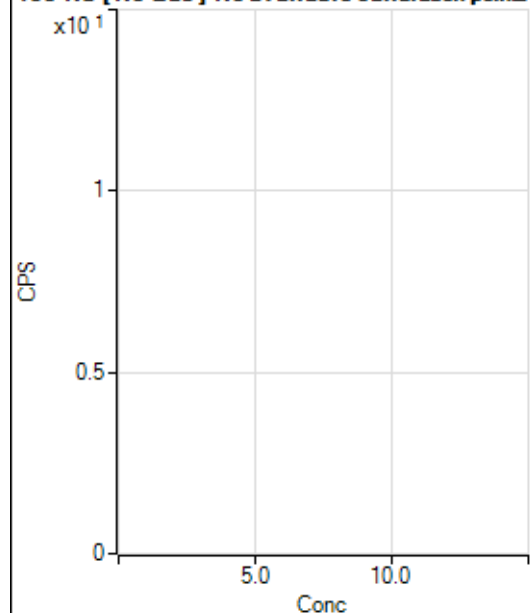
$$R = 0.9998$$

$$DL = 0.02651$$

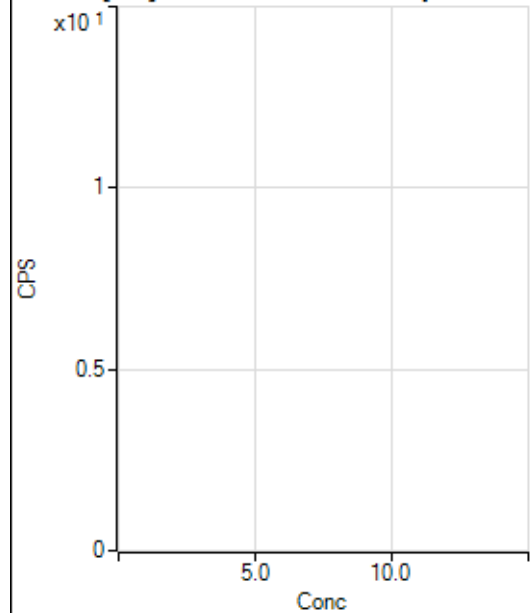
$$BEC = 0.02072$$

Weight: <None>

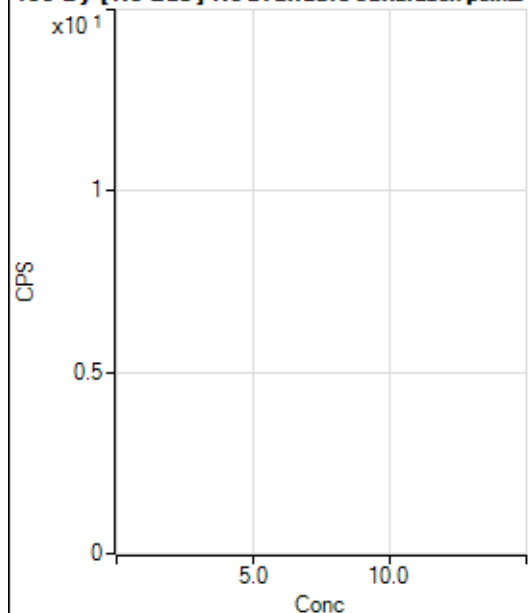
Min Conc: 0

150 Nd [No Gas] No available calibration points

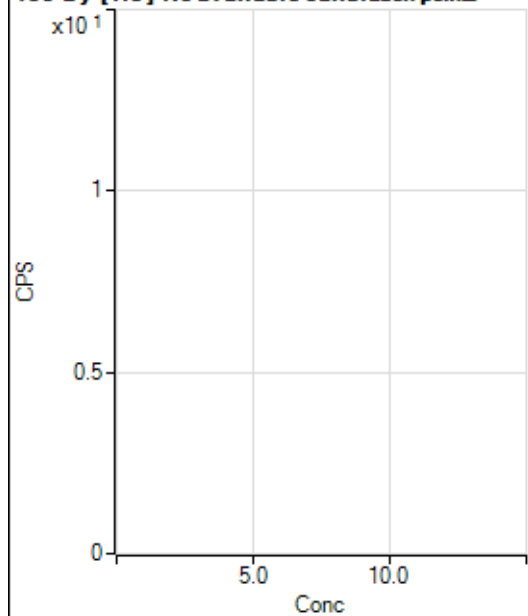
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	100.0
2	☐						
3	☐			13.33		P	NaN
4	☐			53.34		P	12.5
5	☐			86.67		P	58.1
6	☐			164.45		P	26.1
7	☐			324.46		P	8.3
8	☐			533.37		P	9.0
9	☐			148.90		P	9.3

150 Nd [He] No available calibration points

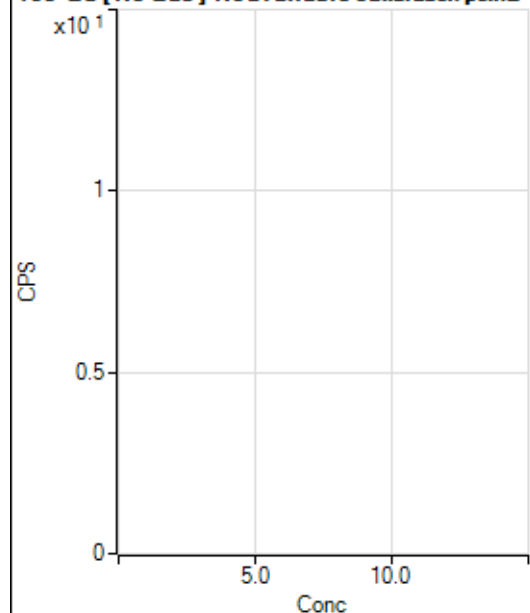
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			7.78		P	24.7
5	☐			15.56		P	12.4
6	☐			23.33		P	14.3
7	☐			45.56		P	4.2
8	☐			65.56		P	21.2
9	☐			55.56		P	25.0

156 Dy [No Gas] No available calibration points

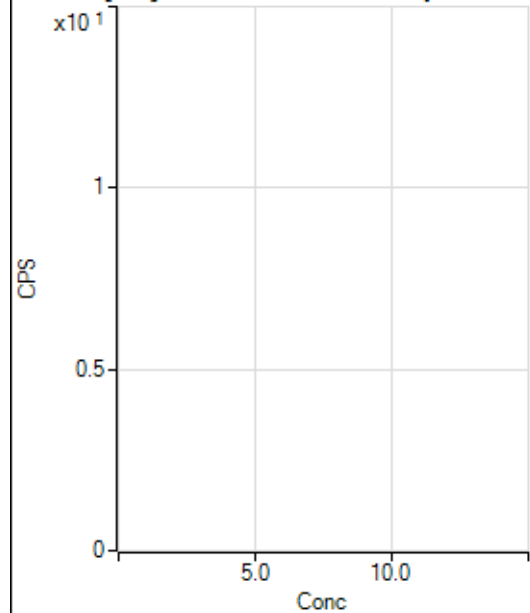
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.78		P	173.2
2	☐						
3	☐			13.89		P	34.7
4	☐			30.55		P	15.7
5	☐			47.22		P	117.5
6	☐			75.00		P	11.1
7	☐			100.01		P	22.0
8	☐			108.34		P	13.3
9	☐			69.45		P	18.3

156 Dy [He] No available calibration points

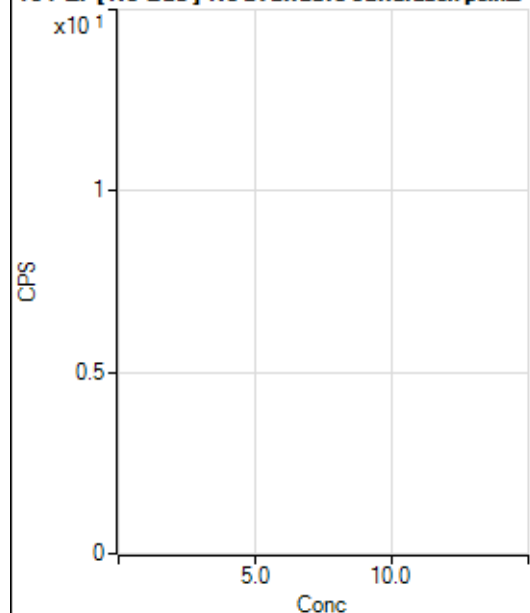
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐						
3	☐			3.33		P	100.1
4	☐			16.66		P	34.6
5	☐			20.00		P	33.4
6	☐			37.78		P	22.2
7	☐			77.78		P	22.0
8	☐			146.67		P	10.4
9	☐			45.56		P	37.5

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

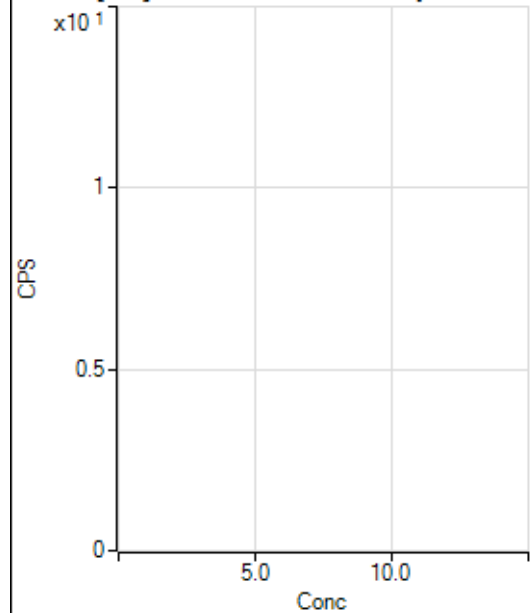
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			72.22		P	40.5
2	☐						
3	☐			113.89		P	34.6
4	☐			97.23		P	34.6
5	☐			105.56		P	64.3
6	☐			91.67		P	24.1
7	☐			122.23		P	10.4
8	☐			113.90		P	11.2
9	☐			91.67		P	15.7

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			204.45		P	8.0
2	☐						
3	☐			171.12		P	9.8
4	☐			178.90		P	12.4
5	☐			145.56		P	3.5
6	☐			173.34		P	15.0
7	☐			163.34		P	8.9
8	☐			201.11		P	9.4
9	☐			187.78		P	8.4

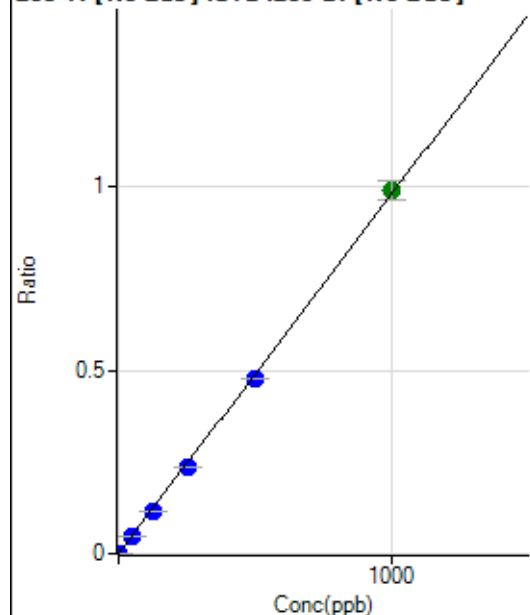
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			38.89		P	49.5
2	☐						
3	☐			47.23		P	20.4
4	☐			47.22		P	27.0
5	☐			63.89		P	52.7
6	☐			41.67		P	20.0
7	☐			63.89		P	54.3
8	☐			47.23		P	56.7
9	☐			55.56		P	37.8

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			23.33		P	28.6
2	☐						
3	☐			25.56		P	19.9
4	☐			21.11		P	24.1
5	☐			28.89		P	37.1
6	☐			37.78		P	53.9
7	☐			26.66		P	43.3
8	☐			35.56		P	23.6
9	☐			28.89		P	29.0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	244.46	0.0000	P	27.3
2	☐	0.100					
3	☐	1.000	0.886	7249.49	0.0009	P	4.7
4	☐	50.000	47.319	374089.04	0.0464	P	0.8
5	☐	125.000	119.620	945368.49	0.1173	P	0.8
6	☐	250.000	241.327	1912118.45	0.2366	P	0.9
7	☐	500.000	486.812	3847529.21	0.4773	P	0.5
8	☐	1000.000	1009.569	7645394.44	0.9897	A	5.4
9	☐			2919.89	0.0004	P	6.3

$$y = 9.8033\text{E-}004 * x + 3.1040\text{E-}005$$

$$R = 0.9998$$

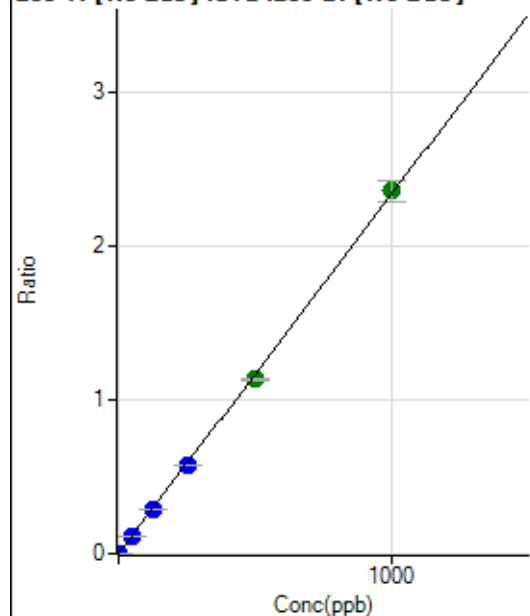
$$DL = 0.02591$$

$$BEC = 0.03166$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	605.60	0.0001	P	4.1
2	☐	0.100					
3	☐	1.000	0.894	17448.36	0.0022	P	1.5
4	☐	50.000	47.873	902146.58	0.1119	P	0.3
5	☐	125.000	121.058	2280524.05	0.2830	P	0.8
6	☐	250.000	245.495	4636557.22	0.5737	P	0.9
7	☐	500.000	484.523	9128061.23	1.1323	A	0.3
8	☐	1000.000	1009.464	18221557.52	2.3590	A	5.5
9	☐			6996.61	0.0010	P	8.8

$$y = 0.0023 * x + 7.6901\text{E-}005$$

$$R = 0.9998$$

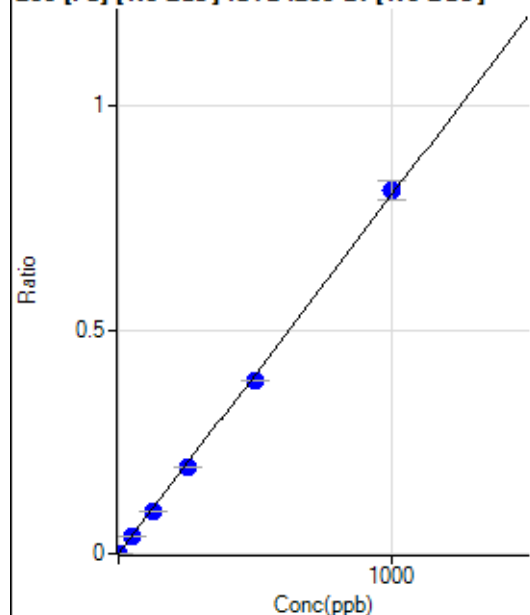
$$DL = 0.004072$$

$$BEC = 0.03291$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	153.71	0.0000	P	18.7
2	☐	0.100					
3	☐	1.000	0.879	5827.39	0.0007	P	2.0
4	☐	50.000	47.914	309316.72	0.0384	P	0.9
5	☐	125.000	119.652	772277.80	0.0958	P	1.0
6	☐	250.000	240.560	1556730.61	0.1926	P	0.9
7	☐	500.000	482.518	3114714.51	0.3864	P	0.1
8	☐	1000.000	1011.874	6258772.77	0.8102	P	5.4
9	☐			35100.73	0.0048	P	2.1

$$y = 8.0069\text{E-}004 * x + 1.9523\text{E-}005$$

$$R = 0.9997$$

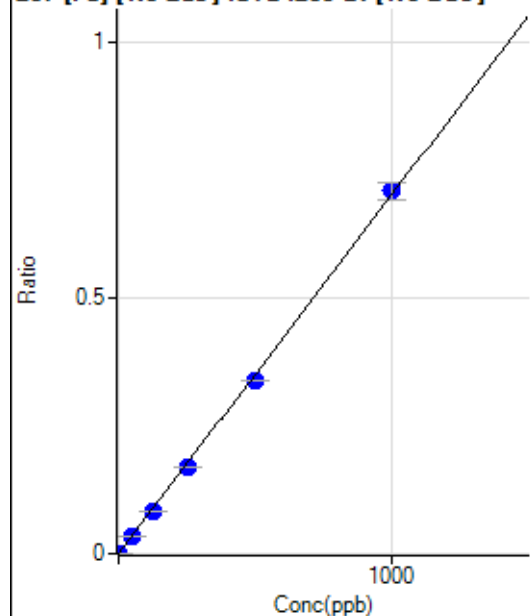
$$DL = 0.01368$$

$$BEC = 0.02438$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	116.67	0.0000	P	26.7
2	☐	0.100					
3	☐	1.000	0.911	5262.32	0.0007	P	2.9
4	☐	50.000	47.824	270079.40	0.0335	P	0.3
5	☐	125.000	119.205	673092.05	0.0835	P	0.8
6	☐	250.000	241.073	1364763.30	0.1689	P	1.0
7	☐	500.000	482.791	2726398.35	0.3382	P	0.1
8	☐	1000.000	1011.669	5474709.73	0.7087	P	5.0
9	☐			28358.72	0.0039	P	0.6

$$y = 7.0048\text{E-}004 * x + 1.4819\text{E-}005$$

$$R = 0.9997$$

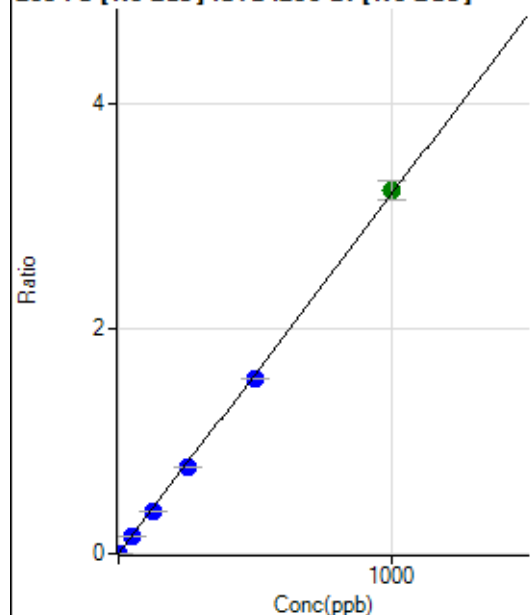
$$DL = 0.01693$$

$$BEC = 0.02116$$

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	581.51	0.0001	P	3.9
2	☐	0.100					
3	☐	1.000	0.892	23549.64	0.0029	P	0.2
4	☐	50.000	47.706	1228013.57	0.1524	P	0.4
5	☐	125.000	119.546	3076745.39	0.3818	P	0.5
6	☐	250.000	241.013	6219024.91	0.7696	P	0.8
7	☐	500.000	487.554	12549339.80	1.5567	P	0.2
8	☐	1000.000	1009.266	24891834.87	3.2224	A	5.4
9	☐			133861.64	0.0182	P	1.0

$$y = 0.0032 * x + 7.3845E-005$$

$$R = 0.9998$$

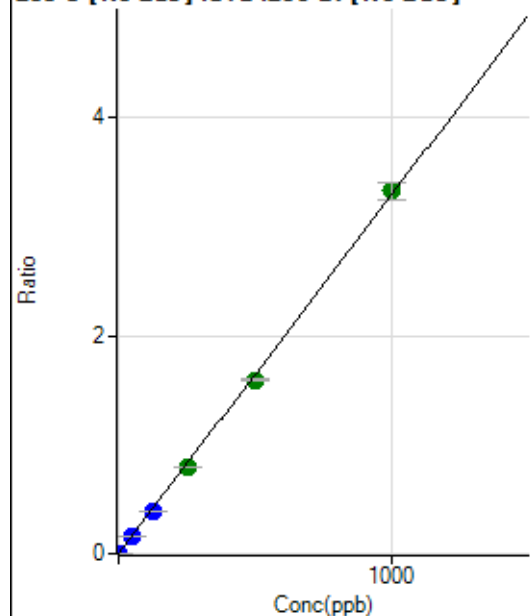
$$DL = 0.002703$$

$$BEC = 0.02313$$

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	8.33	0.0000	P	99.9
2	☐	0.100					
3	☐	1.000	0.849	22514.86	0.0028	P	1.1
4	☐	50.000	46.512	1233688.23	0.1531	P	0.9
5	☐	125.000	118.628	3146906.80	0.3905	P	0.7
6	☐	250.000	239.428	6368815.64	0.7881	A	0.2
7	☐	500.000	484.715	12861601.15	1.5954	A	0.5
8	☐	1000.000	1011.257	25715114.46	3.3285	A	4.9
9	☐			1883.56	0.0003	P	12.3

$$y = 0.0033 * x + 1.0587E-006$$

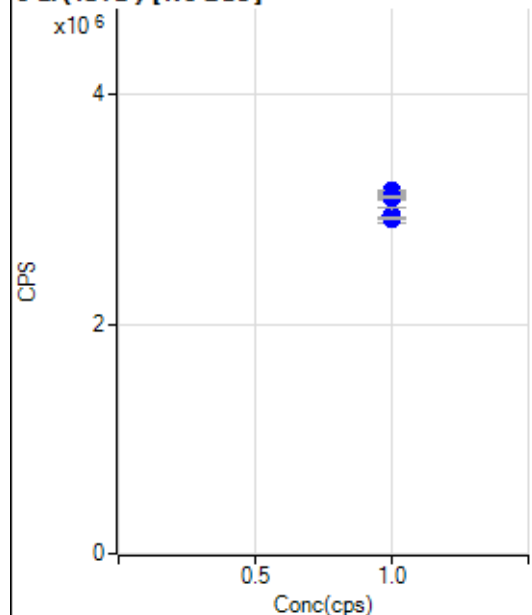
$$R = 0.9998$$

$$DL = 0.0009644$$

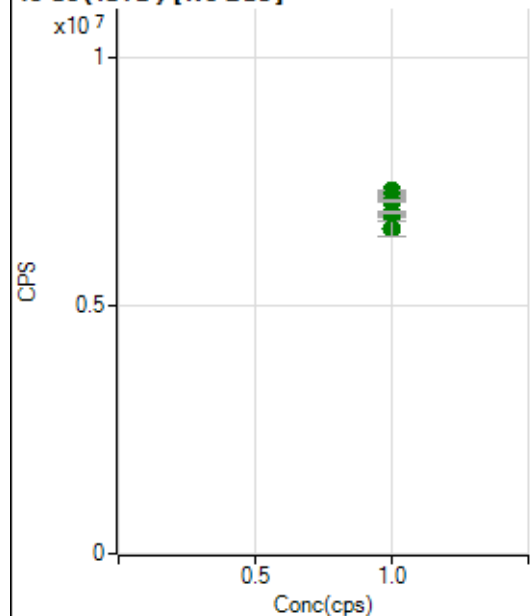
$$BEC = 0.0003216$$

Weight: <None>

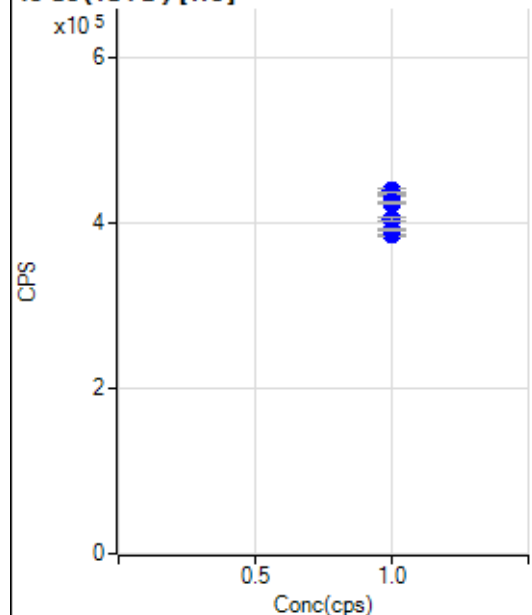
Min Conc: 0

6 Li (ISTD) [No Gas]

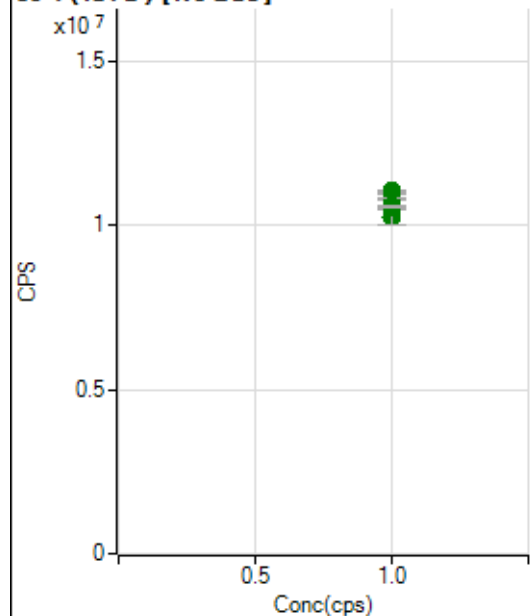
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3091446.44		P	0.1
2	☐	1.000					
3	☐	1.000		3142818.08		P	0.3
4	☐	1.000		3160246.10		P	0.8
5	☐	1.000		3151891.31		P	0.3
6	☐	1.000		3156327.94		P	0.9
7	☐	1.000		3108996.62		P	0.1
8	☐	1.000		2945778.74		P	4.7
9	☐	1.000		2920721.73		P	0.6

45 Sc (ISTD) [No Gas]

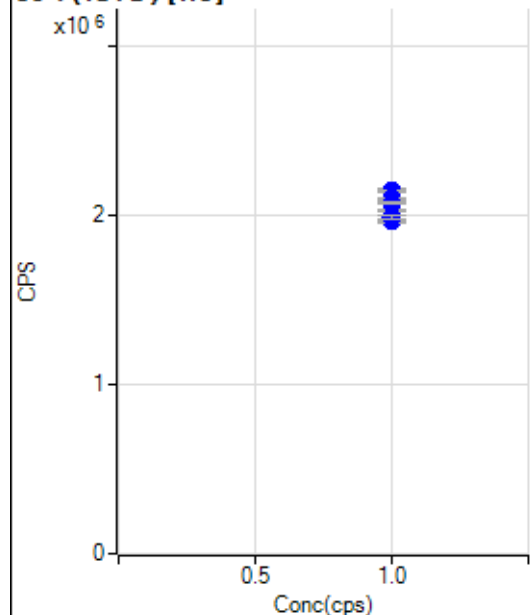
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7158989.14		A	0.7
2	☐	1.000					
3	☐	1.000		7252302.16		A	0.7
4	☐	1.000		7307672.04		A	0.4
5	☐	1.000		7203422.91		A	0.4
6	☐	1.000		7101268.21		A	0.5
7	☐	1.000		6797268.55		A	0.9
8	☐	1.000		6533765.34		A	4.6
9	☐	1.000		6863965.87		A	0.5

45 Sc (ISTD) [He]

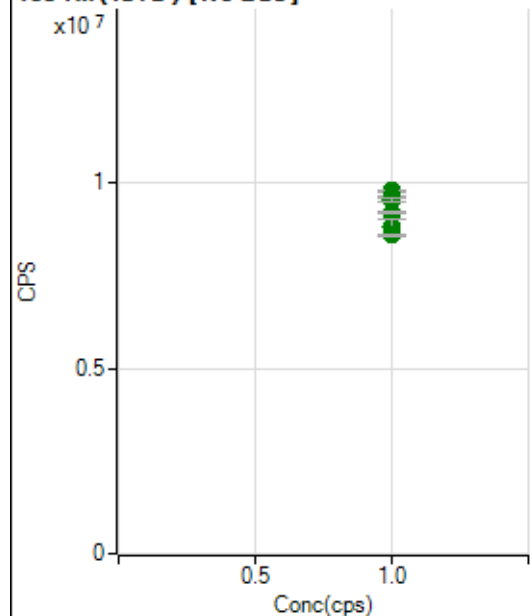
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		433278.39		P	0.2
2	☐	1.000					
3	☐	1.000		439107.96		P	1.0
4	☐	1.000		435923.26		P	0.3
5	☐	1.000		424760.22		P	1.1
6	☐	1.000		405034.75		P	0.9
7	☐	1.000		385195.81		P	0.3
8	☐	1.000		391799.04		P	0.4
9	☐	1.000		424752.58		P	0.5

89 Y (ISTD) [No Gas]

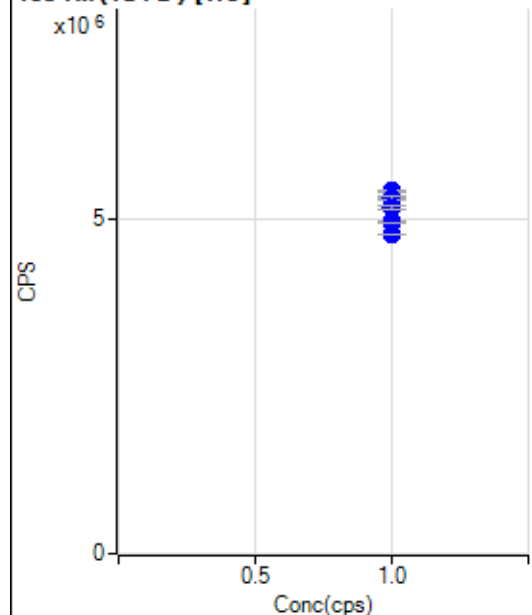
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10786639.56		A	0.3
2	☐	1.000					
3	☐	1.000		10989300.11		A	0.4
4	☐	1.000		11047403.73		A	0.1
5	☐	1.000		10952499.14		A	0.3
6	☐	1.000		10850614.56		A	0.1
7	☐	1.000		10584704.98		A	0.2
8	☐	1.000		10245608.74		A	4.7
9	☐	1.000		10555393.87		A	0.4

89 Y (ISTD) [He]

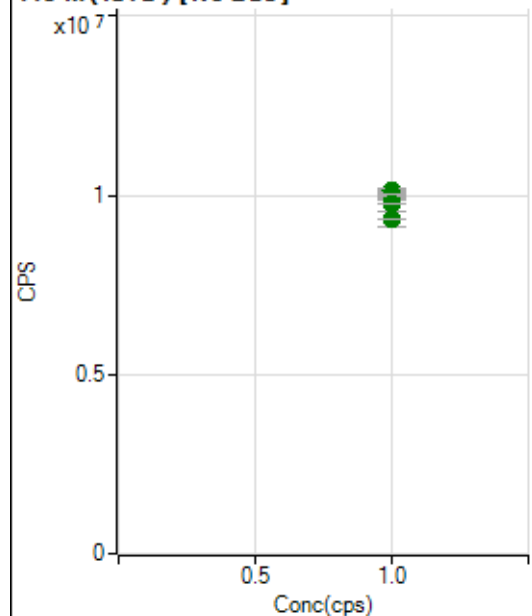
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2098495.53		P	0.3
2	☐	1.000					
3	☐	1.000		2143928.01		P	1.2
4	☐	1.000		2143319.50		P	0.4
5	☐	1.000		2099338.27		P	0.6
6	☐	1.000		2029106.84		P	0.7
7	☐	1.000		1961952.52		P	0.5
8	☐	1.000		1989389.73		P	0.7
9	☐	1.000		2072070.25		P	0.2

103 Rh (ISTD) [No Gas]

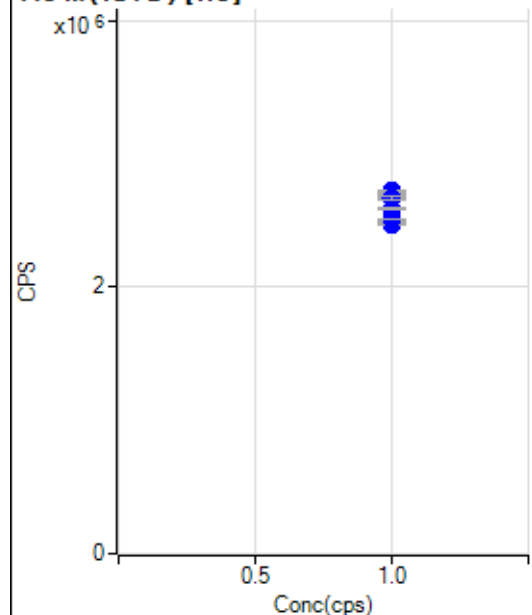
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9587636.93		A	0.2
2	☐	1.000					
3	☐	1.000		9781643.62		A	0.9
4	☐	1.000		9793967.76		A	0.8
5	☐	1.000		9629583.37		A	0.3
6	☐	1.000		9557450.65		A	0.9
7	☐	1.000		9190948.90		A	0.5
8	☐	1.000		8800412.87		A	4.9
9	☐	1.000		8612807.92		A	0.7

103 Rh (ISTD) [He]

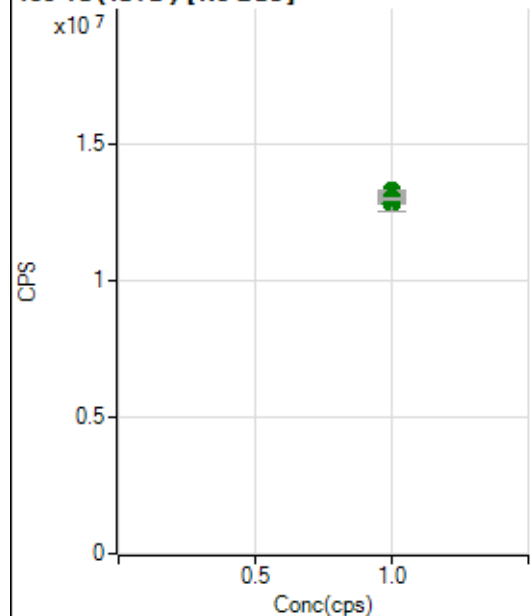
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5310827.66		P	0.1
2	☐	1.000					
3	☐	1.000		5398859.99		P	0.6
4	☐	1.000		5408932.49		P	0.6
5	☐	1.000		5309828.39		P	0.9
6	☐	1.000		5154006.38		P	1.0
7	☐	1.000		4954830.48		P	0.6
8	☐	1.000		4923096.87		P	0.2
9	☐	1.000		4759259.41		P	0.4

115 In (ISTD) [No Gas]

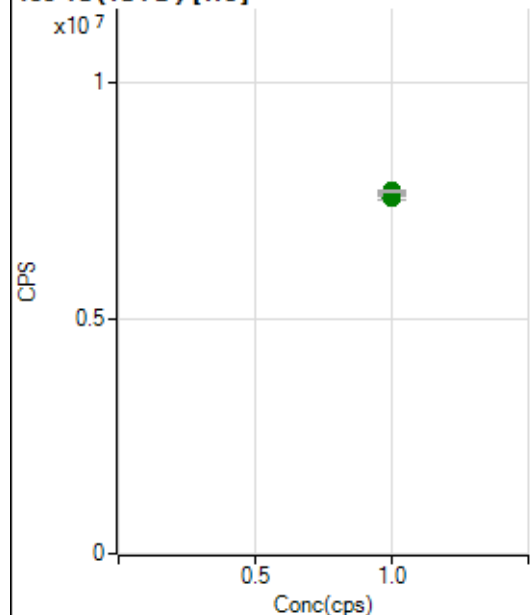
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9907798.32		A	0.2
2	☐	1.000					
3	☐	1.000		10098682.69		A	0.3
4	☐	1.000		10122871.91		A	1.2
5	☐	1.000		10023994.40		A	0.2
6	☐	1.000		10005195.17		A	1.0
7	☐	1.000		9772821.95		A	0.2
8	☐	1.000		9332055.66		A	4.5
9	☐	1.000		9326889.50		A	0.3

115 In (ISTD) [He]

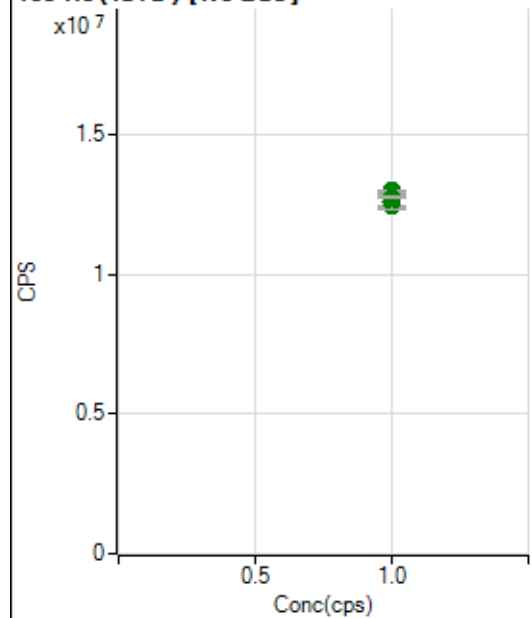
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2661647.26		P	0.4
2	☐	1.000					
3	☐	1.000		2712639.61		P	0.9
4	☐	1.000		2720980.28		P	0.8
5	☐	1.000		2667504.97		P	0.8
6	☐	1.000		2582638.78		P	0.6
7	☐	1.000		2488590.42		P	0.4
8	☐	1.000		2472230.94		P	0.7
9	☐	1.000		2509786.49		P	0.2

159 Tb (ISTD) [No Gas]

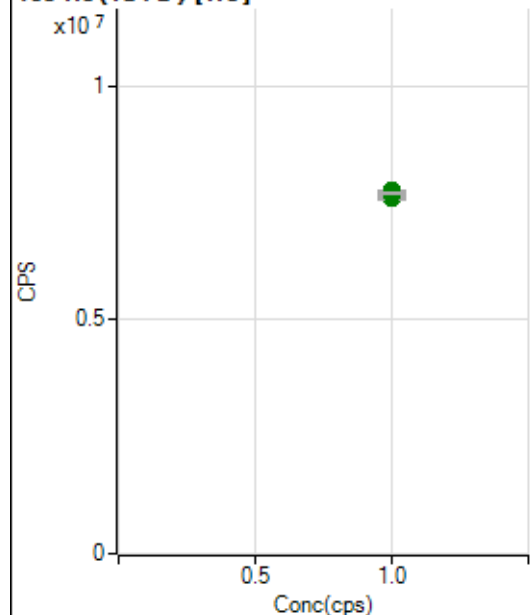
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12879595.92		A	0.5
2	☐	1.000					
3	☐	1.000		13119616.05		A	0.3
4	☐	1.000		13221309.94		A	0.4
5	☐	1.000		13179480.92		A	0.6
6	☐	1.000		13282009.94		A	0.4
7	☐	1.000		13270653.97		A	0.6
8	☐	1.000		12838395.92		A	4.8
9	☐	1.000		12989137.58		A	0.6

159 Tb (ISTD) [He]

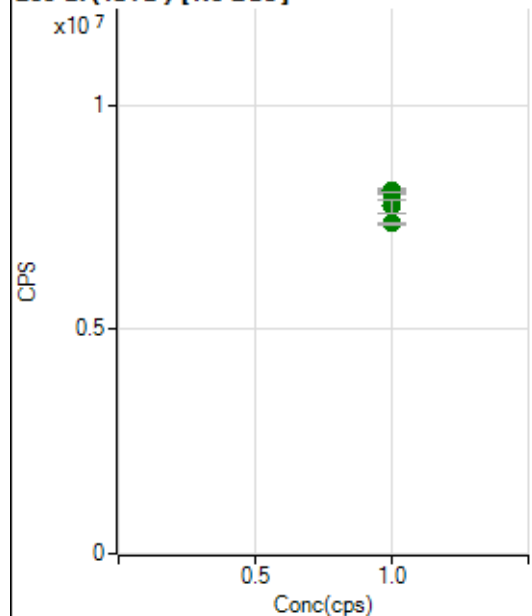
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7559831.35		A	0.7
2	☐	1.000					
3	☐	1.000		7694676.97		A	0.7
4	☐	1.000		7709006.42		A	0.3
5	☐	1.000		7701263.08		A	0.8
6	☐	1.000		7647572.94		A	0.3
7	☐	1.000		7603363.22		A	0.4
8	☐	1.000		7656580.30		A	0.5
9	☐	1.000		7687469.61		A	0.6

165 Ho (ISTD) [No Gas]

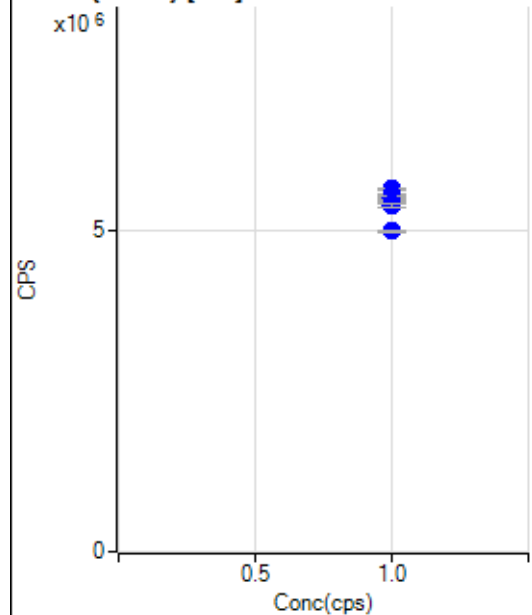
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12432104.97		A	0.6
2	☐	1.000					
3	☐	1.000		12800883.71		A	0.5
4	☐	1.000		12897270.69		A	0.4
5	☐	1.000		12888146.64		A	0.3
6	☐	1.000		12922333.10		A	0.3
7	☐	1.000		12976947.08		A	0.7
8	☐	1.000		12621395.59		A	4.9
9	☐	1.000		12754216.69		A	0.1

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7586263.01		A	0.3
2	☐	1.000					
3	☐	1.000		7662502.39		A	0.9
4	☐	1.000		7748950.86		A	0.7
5	☐	1.000		7707693.50		A	0.9
6	☐	1.000		7679890.09		A	0.5
7	☐	1.000		7664844.05		A	0.6
8	☐	1.000		7724912.39		A	0.5
9	☐	1.000		7706561.76		A	0.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7874815.51		A	0.2
2	☐	1.000					
3	☐	1.000		8057130.30		A	0.8
4	☐	1.000		8058676.34		A	0.5
5	☐	1.000		8059721.69		A	0.7
6	☐	1.000		8081652.03		A	0.9
7	☐	1.000		8061533.56		A	0.2
8	☐	1.000		7736563.70		A	4.3
9	☐	1.000		7350006.77		A	0.5

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5479892.66		P	0.9
2	☐	1.000					
3	☐	1.000		5527729.61		P	0.8
4	☐	1.000		5638858.49		P	0.8
5	☐	1.000		5564556.03		P	0.3
6	☐	1.000		5506629.36		P	1.0
7	☐	1.000		5418519.75		P	0.6
8	☐	1.000		5376778.50		P	0.7
9	☐	1.000		4987432.64		P	0.7

US EPA Tune Check Sample Report

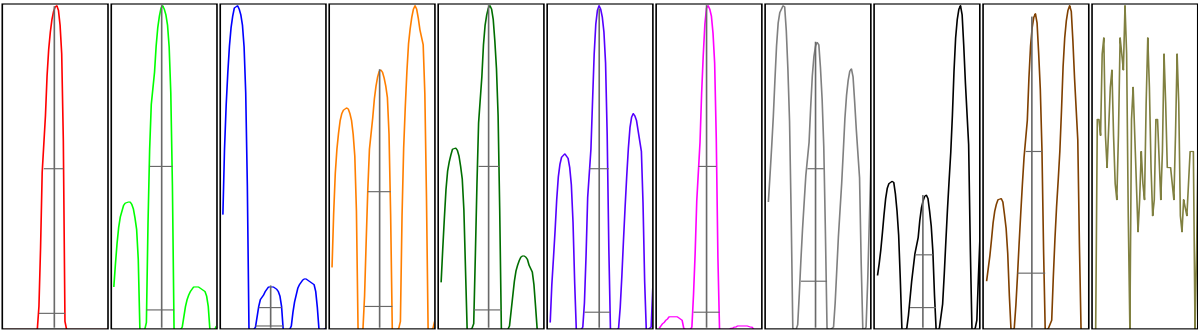
Batch Folder D:\ICP-MS Data\P7041918 MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	8338	1.49	5.00	
24	101011	1.32	5.00	
25	13657	1.99	5.00	
26	15789	1.78	5.00	
59	63442	1.83	5.00	
113	8638	1.97	5.00	
115	144902	2.20	5.00	
206	21459	1.82	5.00	
207	20956	1.90	5.00	
208	46839	1.53	5.00	
220	1	35.79		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	8370	8279	8380	8163	8497
24	101409	100618	100880	99235	102914
25	13798	13461	13690	13323	14012
26	15910	15705	15803	15381	16147
59	64018	63127	63259	61832	64972
113	8749	8656	8651	8351	8784
115	148369	144028	144545	140235	147331
206	21825	21223	21383	20978	21887
207	21245	20859	20819	20419	21439
208	47596	46411	46655	45977	47557
220	1	0	1	1	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	14383	9.00	8.9 - 9.1		0.763	0.900	
24	164020	23.95	23.9 - 24.1		0.787	0.900	
25	21732	24.95	24.9 - 25.1		0.788	0.900	
26	25526	25.95	25.9 - 26.1		0.807	0.900	
59	108524	58.95	58.9 - 59.1		0.782	0.900	
113	16484	113.00	112.9 - 113.1		0.759	0.900	
115	279407	114.95	114.9 - 115.1		0.765	0.900	
206	40256	205.95	205.9 - 206.1		0.758	0.900	
207	36237	206.90	206.9 - 207.1		0.744	0.900	
208	86840	207.90	207.9 - 208.1		0.761	0.900	
220			-				

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	9.5	V	Deflect	14.8	V
Extract 2	-185.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-85	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	19625	0.41	
89	52461	0.71	
205	16100	0.39	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	19753	19611	19557	19556	19646
89	53038	52251	52583	52074	52360
205	16093	16101	16166	16002	16140

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	9.5	V	Deflect	2.6	V
Extract 2	-230.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-120	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:41:28	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.14	-0.14	0.00	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	-0.01	0.00	0.00	N/A	ppb
Barium	135-1	0.01	0.00	-0.01	0.00	N/A	ppb
Barium	137-1	0.01	0.00	-0.01	0.00	N/A	ppb
Beryllium	9-1	0.01	-0.01	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.04	0.09	-0.04	0.00	N/A	ppb
Boron	11-1	0.01	-0.05	0.04	0.00	N/A	ppb
Cadmium	111-1	0.08	-0.10	0.02	0.00	N/A	ppb
Cadmium	106-1	1.05	-1.39	0.34	0.00	N/A	ppb
Cadmium	108-1	0.00	-0.06	0.06	0.00	N/A	ppb
Calcium	43-1	1.73	-2.11	0.39	0.00	N/A	ppb
Calcium	44-1	0.02	-0.82	0.79	0.00	N/A	ppb
Chromium	52-2	-0.02	0.02	0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	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	-0.01	0.03	-0.01	0.00	N/A	ppb
Iron	57-2	0.48	0.79	-1.28	0.00	N/A	ppb
Lead	206-1	-0.01	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.01	-0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.04	-0.07	0.12	0.00	N/A	ppb
Manganese	55-2	0.01	-0.01	-0.01	0.00	N/A	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:41:28	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.01	0.00	N/A	ppb
Molybdenum	97-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.02	0.01	0.00	N/A	ppb
Phosphorus	31-2	3.81	-3.45	-3.24	-0.96		ppb
Potassium	39-2	-3.80	1.01	2.80	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.13	-0.26	0.13	0.00	N/A	ppb
Selenium	78-2	-0.36	-0.18	0.54	0.00	N/A	ppb
Selenium	82-1	0.27	-0.71	0.44	0.00	N/A	ppb
Silicon	28-1	0.70	-0.79	0.09	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	0.66	-0.16	-0.49	0.00	N/A	ppb
Strontium	86-1	-0.02	0.01	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	40.07	-59.76	26.40	2.24	2416.42	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.00	-0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.02	0.02	0.00	0.00	N/A	ppb
Titanium	47-1	0.06	-0.04	-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	0.00	0.03	-0.03	0.00	N/A	ppb
Zirconium	90-1	-0.01	0.01	0.00	0.00	N/A	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:41:28	DataFile Name :	003CALB.d

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

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:49:44	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.70	17.83	18.08	18.53	5.48	ppb
Antimony	121-1	1.87	1.84	1.83	1.85	1.20	ppb
Arsenic	75-2	0.92	0.83	0.93	0.89	6.13	ppb
Barium	135-1	9.03	9.27	9.02	9.11	1.56	ppb
Barium	137-1	8.93	8.88	9.16	8.99	1.64	ppb
Beryllium	9-1	1.06	0.95	1.00	1.01	5.54	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	22.53	20.52	22.16	21.74	4.93	ppb
Boron	11-1	23.69	22.44	22.80	22.97	2.79	ppb
Cadmium	111-1	0.90	0.95	0.88	0.91	3.71	ppb
Cadmium	106-1	1.01	1.53	1.36	1.30	20.44	ppb
Cadmium	108-1	0.99	0.96	1.42	1.12	22.91	ppb
Calcium	43-1	452.15	447.11	444.72	447.99	0.85	ppb
Calcium	44-1	444.99	449.97	444.67	446.54	0.67	ppb
Chromium	52-2	1.96	1.91	1.97	1.95	1.73	ppb
Cobalt	59-2	0.94	0.97	0.90	0.94	3.47	ppb
Copper	63-2	1.87	1.92	1.92	1.90	1.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	48.51	48.46	48.72	48.56	0.28	ppb
Iron	57-2	50.67	50.76	52.10	51.18	1.57	ppb
Lead	206-1	0.89	0.86	0.89	0.88	2.06	ppb
Lead	207-1	0.90	0.94	0.89	0.91	3.00	ppb
Lead	208-1	0.89	0.89	0.89	0.89	0.25	ppb
Lithium	6-1				102		%
Magnesium	24-2	460.06	460.61	465.94	462.20	0.70	ppb
Manganese	55-2	0.98	0.99	0.94	0.97	2.62	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:49:44	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.69	4.42	4.62	4.58	3.07	ppb
Molybdenum	95-1	4.42	4.49	4.57	4.49	1.68	ppb
Molybdenum	96-1	4.52	4.40	4.64	4.52	2.63	ppb
Molybdenum	97-1	4.56	4.22	4.53	4.44	4.22	ppb
Molybdenum	98-1	4.45	4.57	4.60	4.54	1.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.09	1.00	1.01	1.03	5.03	ppb
Phosphorus	31-2	12.24	-2.33	-7.03	0.96	1046.03	ppb
Potassium	39-2	472.86	469.73	473.51	472.03	0.43	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	4.40	5.47	4.04	4.64	16.07	ppb
Selenium	78-2	3.54	5.86	4.63	4.68	24.72	ppb
Selenium	82-1	4.54	5.09	5.41	5.01	8.71	ppb
Silicon	28-1	16.15	15.96	15.68	15.93	1.48	ppb
Silver	109-1	0.95	0.91	1.01	0.96	4.87	ppb
Silver	107-1	0.93	0.97	0.95	0.95	2.49	ppb
Sodium	23-2	468.47	469.10	467.69	468.42	0.15	ppb
Strontium	86-1	0.96	0.89	0.89	0.91	4.13	ppb
Strontium	88-1	0.88	0.92	0.94	0.92	3.26	ppb
Sulfur	34-1	50.21	68.21	-125.14	-2.24		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.93	0.85	0.88	0.89	4.86	ppb
Thallium	205-1	0.90	0.90	0.88	0.89	1.57	ppb
Tin	118-1	4.47	4.64	4.61	4.57	1.99	ppb
Titanium	47-1	4.79	4.39	4.61	4.59	4.38	ppb
Uranium	238-1	0.84	0.86	0.84	0.85	1.09	ppb
Vanadium	51-2	4.51	4.56	4.45	4.51	1.16	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	2.01	2.12	2.20	2.11	4.70	ppb
Zirconium	90-1	0.98	0.92	0.90	0.93	4.46	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:49:44	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.97	0.98	0.86	0.94	7.01	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:53:36	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1003.81	1000.87	989.06	997.92	0.78	ppb
Antimony	121-1	48.70	48.81	48.40	48.64	0.43	ppb
Arsenic	75-2	50.91	51.64	51.47	51.34	0.74	ppb
Barium	135-1	242.19	241.20	247.49	243.63	1.39	ppb
Barium	137-1	244.35	246.27	248.16	246.26	0.77	ppb
Beryllium	9-1	51.51	51.94	51.70	51.72	0.41	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	10-1	49.69	47.42	50.99	49.37	3.66	ppb
Boron	11-1	49.69	47.88	50.06	49.21	2.37	ppb
Cadmium	111-1	51.15	52.02	50.75	51.31	1.27	ppb
Cadmium	106-1	50.19	54.71	51.56	52.15	4.44	ppb
Cadmium	108-1	53.00	50.77	51.60	51.79	2.17	ppb
Calcium	43-1	4789.13	4744.69	4809.21	4781.01	0.69	ppb
Calcium	44-1	4819.28	4802.04	4795.90	4805.74	0.25	ppb
Chromium	52-2	49.73	50.82	50.07	50.20	1.11	ppb
Cobalt	59-2	50.84	50.65	49.96	50.48	0.91	ppb
Copper	63-2	102.17	102.97	102.04	102.39	0.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	2596.98	2627.43	2570.70	2598.37	1.09	ppb
Iron	57-2	2603.65	2585.97	2603.02	2597.54	0.39	ppb
Lead	206-1	48.38	47.55	47.81	47.91	0.88	ppb
Lead	207-1	47.99	47.80	47.68	47.82	0.33	ppb
Lead	208-1	47.92	47.63	47.57	47.71	0.40	ppb
Lithium	6-1				102		%
Magnesium	24-2	5163.64	5149.24	5055.29	5122.73	1.15	ppb
Manganese	55-2	100.22	100.44	99.47	100.04	0.51	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:53:36	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	241.05	240.24	238.44	239.91	0.56	ppb
Molybdenum	95-1	242.64	241.46	240.72	241.61	0.40	ppb
Molybdenum	96-1	240.02	240.18	238.06	239.42	0.49	ppb
Molybdenum	97-1	236.25	239.37	234.45	236.69	1.05	ppb
Molybdenum	98-1	237.08	240.95	236.52	238.19	1.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.47	51.46	51.13	51.36	0.38	ppb
Phosphorus	31-2	1075.49	979.07	1009.80	1021.45	4.82	ppb
Potassium	39-2	2550.98	2548.79	2488.86	2529.54	1.39	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	77-2	51.98	54.20	51.52	52.57	2.72	ppb
Selenium	78-2	55.11	52.28	49.46	52.28	5.40	ppb
Selenium	82-1	49.59	50.50	50.55	50.21	1.07	ppb
Silicon	28-1	61.01	60.19	61.34	60.85	0.97	ppb
Silver	109-1	50.76	50.98	50.66	50.80	0.33	ppb
Silver	107-1	50.23	51.45	50.34	50.67	1.33	ppb
Sodium	23-2	5108.38	5126.93	5041.30	5092.20	0.88	ppb
Strontium	86-1	48.11	48.35	47.99	48.15	0.38	ppb
Strontium	88-1	48.32	48.68	49.12	48.71	0.82	ppb
Sulfur	34-1	1024.82	838.63	1031.45	964.97	11.34	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	46.88	47.57	47.51	47.32	0.80	ppb
Thallium	205-1	47.70	47.93	47.99	47.87	0.32	ppb
Tin	118-1	49.07	49.79	48.57	49.14	1.25	ppb
Titanium	47-1	243.04	244.54	241.00	242.86	0.73	ppb
Uranium	238-1	46.53	46.07	46.93	46.51	0.93	ppb
Vanadium	51-2	49.52	49.48	49.66	49.55	0.19	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	103.35	104.89	102.25	103.50	1.28	ppb
Zirconium	90-1	47.37	47.76	47.24	47.46	0.58	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:53:36	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	48.07	48.24	47.44	47.92	0.88	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:57:46	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2458.24	2511.13	2480.35	2483.24	1.07	ppb
Antimony	121-1	124.69	123.14	123.28	123.71	0.69	ppb
Arsenic	75-2	127.52	127.00	127.44	127.32	0.22	ppb
Barium	135-1	623.69	614.26	608.46	615.47	1.25	ppb
Barium	137-1	632.56	617.70	624.08	624.78	1.19	ppb
Beryllium	9-1	127.44	129.12	128.07	128.21	0.66	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	121.03	127.78	125.86	124.89	2.79	ppb
Boron	11-1	123.11	123.21	124.68	123.66	0.71	ppb
Cadmium	111-1	129.12	127.59	127.96	128.22	0.62	ppb
Cadmium	106-1	130.89	126.62	133.05	130.19	2.52	ppb
Cadmium	108-1	130.39	127.74	128.56	128.90	1.05	ppb
Calcium	43-1	12218.65	12039.19	12136.03	12131.29	0.74	ppb
Calcium	44-1	12137.78	12032.45	12016.22	12062.15	0.55	ppb
Chromium	52-2	124.15	125.02	125.50	124.89	0.55	ppb
Cobalt	59-2	125.19	125.79	127.13	126.04	0.79	ppb
Copper	63-2	254.33	257.43	257.66	256.47	0.73	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				104		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	6516.48	6551.54	6567.95	6545.32	0.40	ppb
Iron	57-2	6578.58	6575.64	6641.05	6598.42	0.56	ppb
Lead	206-1	120.21	120.43	118.32	119.65	0.97	ppb
Lead	207-1	120.15	119.12	118.34	119.21	0.76	ppb
Lead	208-1	120.10	119.69	118.85	119.55	0.54	ppb
Lithium	6-1				102		%
Magnesium	24-2	12782.12	12881.27	12900.83	12854.74	0.50	ppb
Manganese	55-2	246.93	251.46	250.09	249.49	0.93	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:57:46	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	610.73	608.76	607.21	608.90	0.29	ppb
Molybdenum	95-1	606.16	609.64	604.40	606.74	0.44	ppb
Molybdenum	96-1	602.19	608.21	604.12	604.84	0.51	ppb
Molybdenum	97-1	600.71	599.34	600.94	600.33	0.14	ppb
Molybdenum	98-1	604.87	612.20	611.54	609.54	0.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	128.07	129.33	128.35	128.58	0.52	ppb
Phosphorus	31-2	2670.30	2664.84	2635.95	2657.03	0.69	ppb
Potassium	39-2	6297.03	6311.53	6347.02	6318.53	0.41	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	77-2	132.20	127.98	132.31	130.83	1.89	ppb
Selenium	78-2	139.18	123.12	133.48	131.92	6.17	ppb
Selenium	82-1	123.28	125.44	127.20	125.31	1.57	ppb
Silicon	28-1	157.24	158.41	156.11	157.25	0.73	ppb
Silver	109-1	128.16	127.37	128.26	127.93	0.38	ppb
Silver	107-1	128.60	126.40	126.79	127.26	0.92	ppb
Sodium	23-2	12617.11	12715.96	12745.05	12692.70	0.53	ppb
Strontium	86-1	119.99	120.97	122.77	121.25	1.16	ppb
Strontium	88-1	122.53	121.89	123.67	122.70	0.73	ppb
Sulfur	34-1	2514.64	2591.44	2355.47	2487.18	4.84	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	120.70	119.45	118.72	119.62	0.84	ppb
Thallium	205-1	121.25	121.96	119.97	121.06	0.83	ppb
Tin	118-1	124.15	122.74	124.11	123.67	0.65	ppb
Titanium	47-1	607.00	606.97	602.40	605.46	0.44	ppb
Uranium	238-1	119.42	118.71	117.76	118.63	0.70	ppb
Vanadium	51-2	124.20	124.30	124.20	124.23	0.04	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	256.80	255.29	258.69	256.92	0.66	ppb
Zirconium	90-1	119.67	122.52	120.92	121.04	1.18	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:57:46	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	120.07	122.79	120.93	121.26	1.15	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:01:34	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4943.55	4963.26	4954.01	4953.61	0.20	ppb
Antimony	121-1	246.44	246.56	248.15	247.05	0.39	ppb
Arsenic	75-2	252.12	252.55	255.02	253.23	0.62	ppb
Barium	135-1	1228.87	1236.06	1241.82	1235.58	0.53	ppb
Barium	137-1	1236.46	1252.01	1254.49	1247.66	0.78	ppb
Beryllium	9-1	252.63	250.93	250.52	251.36	0.44	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	244.96	245.36	249.63	246.65	1.05	ppb
Boron	11-1	247.86	241.83	248.01	245.90	1.43	ppb
Cadmium	111-1	251.73	251.69	253.10	252.18	0.32	ppb
Cadmium	106-1	257.29	253.17	246.60	252.35	2.14	ppb
Cadmium	108-1	254.49	251.90	257.46	254.62	1.09	ppb
Calcium	43-1	23896.90	24082.78	23996.20	23991.96	0.39	ppb
Calcium	44-1	23848.76	23839.02	23962.88	23883.55	0.29	ppb
Chromium	52-2	250.23	252.04	252.09	251.45	0.42	ppb
Cobalt	59-2	253.48	253.37	253.46	253.44	0.02	ppb
Copper	63-2	516.39	516.33	518.62	517.11	0.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	56-2	13157.10	13176.70	13166.78	13166.86	0.07	ppb
Iron	57-2	13230.16	13173.84	13381.42	13261.81	0.81	ppb
Lead	206-1	241.90	238.17	241.60	240.56	0.86	ppb
Lead	207-1	242.71	238.19	242.31	241.07	1.04	ppb
Lead	208-1	242.76	238.89	241.39	241.01	0.81	ppb
Lithium	6-1				102		%
Magnesium	24-2	25455.61	25271.25	25415.53	25380.80	0.38	ppb
Manganese	55-2	500.99	503.75	502.17	502.30	0.28	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:01:34	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1235.92	1228.11	1234.58	1232.87	0.34	ppb
Molybdenum	95-1	1237.73	1222.57	1238.94	1233.08	0.74	ppb
Molybdenum	96-1	1237.82	1221.59	1233.97	1231.13	0.69	ppb
Molybdenum	97-1	1208.14	1213.17	1207.96	1209.76	0.24	ppb
Molybdenum	98-1	1213.11	1214.51	1217.43	1215.02	0.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	259.74	259.14	258.42	259.10	0.25	ppb
Phosphorus	31-2	5080.08	5065.91	5053.93	5066.64	0.26	ppb
Potassium	39-2	12599.05	12477.98	12604.50	12560.51	0.57	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				93		%
Selenium	77-2	234.38	264.35	280.42	259.72	9.00	ppb
Selenium	78-2	264.36	258.08	254.42	258.95	1.94	ppb
Selenium	82-1	250.12	247.33	249.60	249.02	0.60	ppb
Silicon	28-1	316.97	316.66	317.86	317.17	0.20	ppb
Silver	109-1	252.59	251.35	251.24	251.73	0.30	ppb
Silver	107-1	250.94	249.85	249.43	250.07	0.31	ppb
Sodium	23-2	25423.75	25146.40	25311.14	25293.76	0.55	ppb
Strontium	86-1	243.97	242.78	243.08	243.28	0.25	ppb
Strontium	88-1	249.33	244.51	248.34	247.39	1.03	ppb
Sulfur	34-1	4987.39	4738.28	4759.50	4828.39	2.86	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	242.86	238.73	242.39	241.33	0.94	ppb
Thallium	205-1	247.55	243.22	245.72	245.49	0.88	ppb
Tin	118-1	245.16	244.55	246.87	245.53	0.49	ppb
Titanium	47-1	1220.20	1210.66	1220.51	1217.12	0.46	ppb
Uranium	238-1	239.87	239.06	239.35	239.43	0.17	ppb
Vanadium	51-2	249.24	248.91	250.85	249.66	0.42	ppb
Yttrium	89-1				101		%
Yttrium	89-2				97		%
Zinc	66-2	514.51	519.05	519.39	517.65	0.53	ppb
Zirconium	90-1	242.64	244.24	244.57	243.82	0.42	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:01:34	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	243.23	244.71	244.15	244.03	0.31	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:05:20	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9930.56	9761.99	9743.63	9812.06	1.05	ppb
Antimony	121-1	485.52	490.41	494.57	490.17	0.92	ppb
Arsenic	75-2	501.89	500.90	497.65	500.15	0.44	ppb
Barium	135-1	2424.56	2432.46	2469.50	2442.17	0.98	ppb
Barium	137-1	2403.03	2425.33	2415.82	2414.73	0.46	ppb
Beryllium	9-1	497.65	490.53	485.55	491.24	1.24	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	10-1	485.56	482.29	479.48	482.44	0.63	ppb
Boron	11-1	483.17	481.82	484.89	483.29	0.32	ppb
Cadmium	111-1	494.45	489.03	491.34	491.61	0.55	ppb
Cadmium	106-1	480.97	500.27	495.67	492.30	2.05	ppb
Cadmium	108-1	486.42	489.87	495.36	490.55	0.92	ppb
Calcium	43-1	47858.96	47473.40	48224.83	47852.40	0.79	ppb
Calcium	44-1	47984.76	47711.77	47693.81	47796.78	0.34	ppb
Chromium	52-2	503.37	502.34	503.06	502.92	0.11	ppb
Cobalt	59-2	505.90	503.99	502.88	504.26	0.30	ppb
Copper	63-2	1034.32	1031.27	1028.03	1031.21	0.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				93		%
Iron	56-2	26461.03	26403.69	26214.19	26359.64	0.49	ppb
Iron	57-2	26490.06	26476.87	26398.35	26455.09	0.19	ppb
Lead	206-1	482.62	483.03	481.91	482.52	0.12	ppb
Lead	207-1	481.97	483.25	483.16	482.79	0.15	ppb
Lead	208-1	486.67	488.16	487.83	487.55	0.16	ppb
Lithium	6-1				101		%
Magnesium	24-2	50804.40	50315.79	50000.62	50373.60	0.80	ppb
Manganese	55-2	1003.98	1004.28	997.80	1002.02	0.36	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:05:20	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2444.69	2429.37	2416.06	2430.04	0.59	ppb
Molybdenum	95-1	2446.91	2426.58	2423.87	2432.46	0.52	ppb
Molybdenum	96-1	2451.28	2418.27	2408.26	2425.94	0.93	ppb
Molybdenum	97-1	2445.44	2407.49	2424.16	2425.70	0.78	ppb
Molybdenum	98-1	2440.55	2421.43	2427.88	2429.96	0.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	510.97	506.81	506.68	508.15	0.48	ppb
Phosphorus	31-2	10125.33	9972.93	10157.03	10085.10	0.98	ppb
Potassium	39-2	24585.76	24273.86	24420.59	24426.74	0.64	ppb
Rhodium	103-1				96		%
Rhodium	103-2				93		%
Scandium	45-1				95		%
Scandium	45-2				89		%
Selenium	77-2	485.45	517.48	472.97	491.96	4.67	ppb
Selenium	78-2	507.41	494.95	495.00	499.12	1.44	ppb
Selenium	82-1	497.08	489.15	489.69	491.97	0.90	ppb
Silicon	28-1	630.49	621.43	636.81	629.58	1.23	ppb
Silver	109-1	492.20	492.30	490.97	491.82	0.15	ppb
Silver	107-1	487.10	484.50	487.54	486.38	0.34	ppb
Sodium	23-2	50432.31	50229.25	49583.30	50081.62	0.89	ppb
Strontium	86-1	485.45	485.49	484.06	485.00	0.17	ppb
Strontium	88-1	486.28	485.25	485.00	485.51	0.14	ppb
Sulfur	34-1	9479.10	9247.73	9365.90	9364.25	1.24	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	488.90	484.39	487.14	486.81	0.47	ppb
Thallium	205-1	484.11	486.28	483.18	484.52	0.33	ppb
Tin	118-1	482.65	481.88	488.16	484.23	0.71	ppb
Titanium	47-1	2457.97	2426.06	2442.97	2442.33	0.65	ppb
Uranium	238-1	483.68	482.91	487.55	484.71	0.51	ppb
Vanadium	51-2	503.16	501.43	499.30	501.29	0.39	ppb
Yttrium	89-1				98		%
Yttrium	89-2				93		%
Zinc	66-2	1032.34	1037.32	1022.00	1030.55	0.76	ppb
Zirconium	90-1	488.50	484.96	483.56	485.67	0.52	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:05:20	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	488.90	486.70	486.00	487.20	0.31	ppb

LB Number : LB94752 Operator : Jaswal
 Lab Sample ID : S07 Instrumnet Name : P7
 Client Sample ID : S07 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-19 17:09:04 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19490.49	19472.22	19386.34	19449.68	0.29	ppb
Antimony	121-1	971.52	1072.08	974.05	1005.88	5.70	ppb
Arsenic	75-2	1003.74	994.75	997.79	998.76	0.46	ppb
Barium	135-1	4866.20	5392.39	4843.49	5034.03	6.17	ppb
Barium	137-1	4865.85	5377.57	4886.90	5043.44	5.74	ppb
Beryllium	9-1	962.88	1073.29	974.49	1003.55	6.05	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	10-1	961.72	1075.13	992.38	1009.74	5.81	ppb
Boron	11-1	959.09	1077.24	992.57	1009.64	6.03	ppb
Cadmium	111-1	971.48	1070.16	967.91	1003.18	5.78	ppb
Cadmium	106-1	970.38	1066.22	970.92	1002.50	5.50	ppb
Cadmium	108-1	963.73	1080.71	964.55	1003.00	6.71	ppb
Calcium	43-1	96411.53	106859.54	97237.49	100169.52	5.80	ppb
Calcium	44-1	95841.64	106198.91	96665.17	99568.57	5.78	ppb
Chromium	52-2	1000.11	993.94	1000.49	998.18	0.37	ppb
Cobalt	59-2	997.22	997.25	996.11	996.86	0.07	ppb
Copper	63-2	1978.63	1978.38	1980.56	1979.19	0.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				94		%
Indium	115-2				93		%
Iron	56-2	52006.27	51722.41	52058.13	51928.94	0.35	ppb
Iron	57-2	52191.59	52182.52	52142.86	52172.32	0.05	ppb
Lead	206-1	985.25	1074.26	976.12	1011.87	5.36	ppb
Lead	207-1	979.43	1070.41	985.16	1011.67	5.04	ppb
Lead	208-1	976.73	1071.63	979.44	1009.27	5.35	ppb
Lithium	6-1				95		%
Magnesium	24-2	98221.83	98961.91	98227.24	98470.33	0.43	ppb
Manganese	55-2	1998.78	1991.11	2005.53	1998.48	0.36	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:09:04	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4849.32	5370.94	4905.08	5041.78	5.68	ppb
Molybdenum	95-1	4838.94	5352.43	4930.75	5040.71	5.43	ppb
Molybdenum	96-1	4865.62	5348.72	4920.06	5044.80	5.25	ppb
Molybdenum	97-1	4859.00	5369.50	4924.38	5050.96	5.50	ppb
Molybdenum	98-1	4854.95	5372.01	4911.91	5046.29	5.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	991.98	988.63	998.79	993.13	0.52	ppb
Phosphorus	31-2	20043.58	20026.76	19689.93	19920.09	1.00	ppb
Potassium	39-2	48702.69	48924.22	48527.54	48718.15	0.41	ppb
Rhodium	103-1				92		%
Rhodium	103-2				93		%
Scandium	45-1				91		%
Scandium	45-2				90		%
Selenium	77-2	983.98	1019.47	998.75	1000.73	1.78	ppb
Selenium	78-2	998.51	997.64	995.53	997.22	0.15	ppb
Selenium	82-1	964.75	1064.27	983.61	1004.21	5.26	ppb
Silicon	28-1	874.85	977.48	889.02	913.79	6.09	ppb
Silver	109-1	974.37	1067.84	967.54	1003.25	5.59	ppb
Silver	107-1	975.11	1076.07	968.26	1006.48	6.00	ppb
Sodium	23-2	98598.81	98951.42	98188.81	98579.68	0.39	ppb
Strontium	86-1	976.96	1071.42	980.85	1009.74	5.29	ppb
Strontium	88-1	975.80	1066.67	982.28	1008.25	5.03	ppb
Sulfur	34-1	19154.53	22581.37	19356.50	20364.13	9.44	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	976.29	1072.28	980.14	1009.57	5.38	ppb
Thallium	205-1	976.55	1073.62	978.22	1009.46	5.50	ppb
Tin	118-1	973.51	1091.85	962.28	1009.21	7.11	ppb
Titanium	47-1	4843.49	5353.62	4922.45	5039.85	5.45	ppb
Uranium	238-1	980.46	1068.24	985.07	1011.26	4.89	ppb
Vanadium	51-2	999.72	1000.33	998.61	999.56	0.09	ppb
Yttrium	89-1				95		%
Yttrium	89-2				95		%
Zinc	66-2	1962.35	1988.47	1987.00	1979.27	0.74	ppb
Zirconium	90-1	964.37	1075.39	988.24	1009.33	5.79	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:09:04	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	970.69	1072.18	982.52	1008.46	5.50	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:12:47	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99521.03	100439.47	100434.36	100131.62	0.53	ppb
Antimony	121-1	2.01	2.23	2.35	2.19	7.77	ppb
Arsenic	75-2	1.58	1.55	1.53	1.55	1.39	ppb
Barium	135-1	1.56	1.45	1.42	1.48	4.93	ppb
Barium	137-1	1.54	1.46	1.47	1.49	2.79	ppb
Beryllium	9-1	0.21	0.18	0.20	0.20	7.22	ppb
Bismuth	209-1				93		%
Bismuth	209-2				91		%
Boron	10-1	19.26	17.86	18.02	18.38	4.17	ppb
Boron	11-1	19.06	18.51	18.02	18.53	2.81	ppb
Cadmium	111-1	0.05	0.10	-0.04	0.04	189.51	ppb
Cadmium	106-1	-1.43	-0.80	-2.69	-1.64		ppb
Cadmium	108-1	0.14	0.09	0.11	0.11	24.36	ppb
Calcium	43-1	498468.31	502269.93	499989.91	500242.72	0.38	ppb
Calcium	44-1	498773.61	501922.38	500430.12	500375.37	0.31	ppb
Chromium	52-2	26.33	26.23	26.10	26.22	0.43	ppb
Cobalt	59-2	11.48	11.59	11.60	11.56	0.60	ppb
Copper	63-2	2.29	2.24	2.23	2.25	1.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				94		%
Indium	115-2				94		%
Iron	56-2	247067.56	249850.50	251391.56	249436.54	0.88	ppb
Iron	57-2	248624.08	249410.71	250081.96	249372.25	0.29	ppb
Lead	206-1	5.80	6.00	6.02	5.94	2.08	ppb
Lead	207-1	5.46	5.48	5.52	5.49	0.63	ppb
Lead	208-1	5.61	5.70	5.73	5.68	1.04	ppb
Lithium	6-1				94		%
Magnesium	24-2	496609.11	502236.06	501873.26	500239.48	0.63	ppb
Manganese	55-2	7.18	7.40	7.43	7.34	1.89	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:12:47	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5.16	5.08	4.97	5.07	1.90	ppb
Molybdenum	95-1	7.19	6.79	6.69	6.89	3.89	ppb
Molybdenum	96-1	7.44	7.16	7.24	7.28	1.97	ppb
Molybdenum	97-1	7.09	6.90	6.90	6.96	1.61	ppb
Molybdenum	98-1	7.05	6.92	6.65	6.87	2.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.09	24.33	23.93	24.12	0.84	ppb
Phosphorus	31-2	8.30	7.65	-4.43	3.84	186.88	ppb
Potassium	39-2	249873.58	250070.89	250981.68	250308.72	0.24	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				96		%
Scandium	45-2				98		%
Selenium	77-2	0.94	1.74	-0.26	0.81	125.26	ppb
Selenium	78-2	0.55	1.09	1.00	0.88	33.06	ppb
Selenium	82-1	1.38	1.21	0.93	1.17	19.35	ppb
Silicon	28-1	105.36	110.76	111.40	109.17	3.04	ppb
Silver	109-1	0.14	0.14	0.12	0.13	9.56	ppb
Silver	107-1	0.13	0.14	0.12	0.13	6.73	ppb
Sodium	23-2	496558.06	500836.61	503371.85	500255.51	0.69	ppb
Strontium	86-1	31.73	32.29	32.78	32.27	1.62	ppb
Strontium	88-1	32.40	32.35	32.55	32.43	0.32	ppb
Sulfur	34-1	-2349.23	-2257.08	-2275.96	-2294.09		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.38	0.40	0.35	0.37	6.87	ppb
Thallium	205-1	0.41	0.36	0.34	0.37	9.62	ppb
Tin	118-1	2.36	2.31	2.38	2.35	1.54	ppb
Titanium	47-1	2.66	2.62	2.60	2.63	1.25	ppb
Uranium	238-1	0.08	0.09	0.07	0.08	12.35	ppb
Vanadium	51-2	0.43	0.42	0.47	0.44	6.03	ppb
Yttrium	89-1				98		%
Yttrium	89-2				99		%
Zinc	66-2	10.26	10.00	9.89	10.05	1.89	ppb
Zirconium	90-1	0.24	0.19	0.23	0.22	12.69	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:12:47	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.23	0.20	0.17	0.20	12.72	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:20:55	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	505.16	500.01	498.52	501.23	0.70	ppb
Antimony	121-1	190.48	186.63	187.12	188.08	1.11	ppb
Arsenic	75-2	197.18	197.80	197.24	197.41	0.17	ppb
Barium	135-1	96.34	94.20	95.44	95.32	1.13	ppb
Barium	137-1	96.62	96.02	96.45	96.36	0.32	ppb
Beryllium	9-1	96.10	96.56	96.54	96.40	0.27	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Boron	10-1	556.43	570.37	555.27	560.69	1.50	ppb
Boron	11-1	560.56	566.95	559.22	562.24	0.73	ppb
Cadmium	111-1	102.29	102.11	102.23	102.21	0.09	ppb
Cadmium	106-1	178.58	176.81	174.17	176.52	1.26	ppb
Cadmium	108-1	143.40	137.41	139.33	140.05	2.18	ppb
Calcium	43-1	2116.24	2175.24	2137.04	2142.84	1.40	ppb
Calcium	44-1	2018.27	2016.35	2015.95	2016.86	0.06	ppb
Chromium	52-2	95.29	96.08	94.67	95.35	0.74	ppb
Cobalt	59-2	97.85	98.24	97.82	97.97	0.24	ppb
Copper	63-2	100.32	100.44	99.90	100.22	0.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	1013.41	1023.84	1014.82	1017.35	0.56	ppb
Iron	57-2	1035.65	1035.10	1029.86	1033.54	0.31	ppb
Lead	206-1	186.91	187.42	186.75	187.03	0.19	ppb
Lead	207-1	178.90	181.60	178.07	179.52	1.03	ppb
Lead	208-1	182.61	184.51	183.00	183.37	0.55	ppb
Lithium	6-1				102		%
Magnesium	24-2	1163.08	1159.88	1159.06	1160.67	0.18	ppb
Manganese	55-2	95.74	96.84	96.92	96.50	0.68	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:20:55	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1147.01	1146.46	1129.90	1141.12	0.85	ppb
Molybdenum	95-1	511.63	507.06	509.56	509.42	0.45	ppb
Molybdenum	96-1	588.11	586.67	585.48	586.75	0.22	ppb
Molybdenum	97-1	505.55	506.31	502.64	504.84	0.38	ppb
Molybdenum	98-1	509.87	508.39	505.83	508.03	0.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.35	101.03	100.68	100.69	0.34	ppb
Phosphorus	31-2	-12.14	-6.64	-3.65	-7.48		ppb
Potassium	39-2	1959.56	1954.74	1952.35	1955.55	0.19	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	77-2	212.65	202.78	192.15	202.53	5.06	ppb
Selenium	78-2	200.04	203.35	205.24	202.88	1.30	ppb
Selenium	82-1	190.41	193.75	191.24	191.80	0.91	ppb
Silicon	28-1	596.83	593.64	599.98	596.82	0.53	ppb
Silver	109-1	98.85	96.93	98.91	98.23	1.15	ppb
Silver	107-1	98.02	96.83	97.90	97.58	0.67	ppb
Sodium	23-2	1995.86	2019.65	2000.00	2005.17	0.63	ppb
Strontium	86-1	510.46	509.92	506.00	508.79	0.48	ppb
Strontium	88-1	512.09	517.05	513.69	514.28	0.49	ppb
Sulfur	34-1	-2323.35	-2209.58	-2159.16	-2230.70		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	190.02	193.07	189.32	190.80	1.05	ppb
Thallium	205-1	192.76	193.60	190.10	192.15	0.95	ppb
Tin	118-1	526.18	518.98	521.24	522.14	0.71	ppb
Titanium	47-1	510.34	514.41	509.83	511.53	0.49	ppb
Uranium	238-1	483.21	488.79	486.85	486.28	0.58	ppb
Vanadium	51-2	95.33	95.90	94.06	95.10	0.99	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	198.25	198.48	196.39	197.70	0.58	ppb
Zirconium	90-1	515.89	516.88	511.53	514.77	0.55	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:20:55	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	512.05	509.19	504.12	508.45	0.79	ppb

LB Number : LB94752 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P7
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2018-04-19 17:25:07 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.00	0.41	-0.14	0.09	321.49	ppb
Antimony	121-1	0.36	0.43	0.47	0.42	13.44	ppb
Arsenic	75-2	0.03	0.05	0.04	0.04	24.32	ppb
Barium	135-1	0.02	0.01	0.01	0.02	41.62	ppb
Barium	137-1	0.01	0.01	0.02	0.01	62.16	ppb
Beryllium	9-1	0.06	0.06	0.08	0.06	17.65	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Boron	10-1	8.40	7.77	7.44	7.87	6.23	ppb
Boron	11-1	8.35	7.81	7.74	7.97	4.18	ppb
Cadmium	111-1	-0.05	-0.05	-0.08	-0.06		ppb
Cadmium	106-1	-0.81	-0.69	-1.10	-0.87		ppb
Cadmium	108-1	0.02	-0.03	0.02	0.00	828.03	ppb
Calcium	43-1	1.41	0.23	-0.10	0.51	154.04	ppb
Calcium	44-1	1.64	1.08	2.05	1.59	30.57	ppb
Chromium	52-2	0.00	0.00	0.00	0.00		ppb
Cobalt	59-2	0.01	0.00	-0.01	0.00	1501.02	ppb
Copper	63-2	0.10	0.11	0.10	0.10	5.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	0.89	0.77	0.65	0.77	15.25	ppb
Iron	57-2	-0.28	0.38	0.74	0.28	185.36	ppb
Lead	206-1	0.09	0.12	0.11	0.11	13.76	ppb
Lead	207-1	0.11	0.11	0.14	0.12	12.71	ppb
Lead	208-1	0.10	0.11	0.12	0.11	6.30	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.74	1.26	0.73	0.91	33.81	ppb
Manganese	55-2	-0.01	0.00	-0.01	-0.01		ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:25:07	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.28	0.26	0.24	0.26	7.68	ppb
Molybdenum	95-1	0.22	0.23	0.22	0.22	2.85	ppb
Molybdenum	96-1	0.21	0.24	0.24	0.23	7.95	ppb
Molybdenum	97-1	0.24	0.24	0.24	0.24	1.36	ppb
Molybdenum	98-1	0.21	0.25	0.21	0.22	11.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	-0.01	0.00		ppb
Phosphorus	31-2	-5.70	-3.41	-10.82	-6.64		ppb
Potassium	39-2	-6.80	-1.85	-7.51	-5.38		ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	77-2	0.12	0.12	-0.26	-0.01		ppb
Selenium	78-2	-0.19	-0.11	-0.71	-0.34		ppb
Selenium	82-1	-0.09	0.42	0.15	0.16	156.39	ppb
Silicon	28-1	-10.52	-10.21	-11.20	-10.64		ppb
Silver	109-1	0.01	0.02	0.01	0.02	17.69	ppb
Silver	107-1	0.02	0.02	0.02	0.02	8.18	ppb
Sodium	23-2	42.38	42.81	43.12	42.77	0.87	ppb
Strontium	86-1	0.01	0.00	-0.04	-0.01		ppb
Strontium	88-1	0.02	0.01	0.01	0.01	25.48	ppb
Sulfur	34-1	-2025.70	-1998.20	-1961.41	-1995.10		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.04	0.03	0.03	0.03	18.54	ppb
Thallium	205-1	0.03	0.03	0.02	0.03	19.98	ppb
Tin	118-1	0.22	0.23	0.21	0.22	4.05	ppb
Titanium	47-1	0.08	0.03	0.09	0.07	51.39	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	29.52	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	27.72	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	0.01	0.03	0.06	0.03	74.39	ppb
Zirconium	90-1	0.06	0.05	0.05	0.05	11.92	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:25:07	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.03	0.03	0.03	9.39	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:28:41	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91422.72	90259.69	92012.16	91231.52	0.98	ppb
Antimony	121-1	1.32	1.36	1.35	1.34	1.82	ppb
Arsenic	75-2	0.31	0.38	0.35	0.35	11.01	ppb
Barium	135-1	1.49	1.48	1.49	1.49	0.33	ppb
Barium	137-1	1.35	1.37	1.48	1.40	4.81	ppb
Beryllium	9-1	0.29	0.29	0.33	0.30	8.83	ppb
Bismuth	209-1				101		%
Bismuth	209-2				96		%
Boron	10-1	7.07	5.60	5.92	6.20	12.49	ppb
Boron	11-1	6.60	6.23	6.07	6.30	4.35	ppb
Cadmium	111-1	0.20	0.31	0.24	0.25	22.66	ppb
Cadmium	106-1	-2.12	-1.03	-1.66	-1.60		ppb
Cadmium	108-1	11.76	11.25	12.51	11.84	5.33	ppb
Calcium	43-1	95820.72	95146.88	95376.08	95447.89	0.36	ppb
Calcium	44-1	95202.12	95265.07	95752.25	95406.48	0.32	ppb
Chromium	52-2	22.71	22.58	22.79	22.69	0.46	ppb
Cobalt	59-2	1.19	1.26	1.20	1.21	3.01	ppb
Copper	63-2	7.93	7.86	7.69	7.83	1.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	102590.12	102451.69	102923.12	102654.98	0.24	ppb
Iron	57-2	102270.57	102333.61	103596.67	102733.62	0.73	ppb
Lead	206-1	4.54	4.64	4.49	4.56	1.73	ppb
Lead	207-1	3.89	3.91	4.07	3.96	2.43	ppb
Lead	208-1	4.17	4.21	4.22	4.20	0.70	ppb
Lithium	6-1				99		%
Magnesium	24-2	95459.23	94942.94	96918.18	95773.45	1.07	ppb
Manganese	55-2	8.16	8.12	8.18	8.15	0.39	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:28:41	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1314.08	1305.81	1309.66	1309.85	0.32	ppb
Molybdenum	95-1	1860.99	1895.20	1896.07	1884.09	1.06	ppb
Molybdenum	96-1	1783.37	1804.40	1823.37	1803.72	1.11	ppb
Molybdenum	97-1	1833.33	1849.80	1851.67	1844.93	0.55	ppb
Molybdenum	98-1	1860.03	1873.72	1854.81	1862.85	0.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.68	7.86	7.96	7.83	1.79	ppb
Phosphorus	31-2	100008.89	98994.63	99687.41	99563.64	0.52	ppb
Potassium	39-2	99630.13	98584.21	99397.01	99203.78	0.55	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	77-2	-0.26	-0.26	0.91	0.13	527.09	ppb
Selenium	78-2	0.83	2.05	0.72	1.20	61.34	ppb
Selenium	82-1	0.58	1.01	0.25	0.61	61.62	ppb
Silicon	28-1	19.34	17.50	18.60	18.48	4.99	ppb
Silver	109-1	0.14	0.16	0.14	0.14	6.99	ppb
Silver	107-1	0.11	0.11	0.14	0.12	13.15	ppb
Sodium	23-2	97680.26	97634.53	99297.35	98204.04	0.96	ppb
Strontium	86-1	32.08	32.44	32.36	32.29	0.57	ppb
Strontium	88-1	32.12	32.30	32.13	32.18	0.31	ppb
Sulfur	34-1	73802.75	73211.18	73088.61	73367.51	0.52	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.25	0.22	0.23	0.23	7.99	ppb
Thallium	205-1	0.27	0.24	0.22	0.24	11.98	ppb
Tin	118-1	0.28	0.30	0.29	0.29	3.89	ppb
Titanium	47-1	1933.93	1930.15	1936.72	1933.60	0.17	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	10.69	ppb
Vanadium	51-2	0.18	0.18	0.19	0.18	1.53	ppb
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-2	11.15	11.50	11.65	11.44	2.22	ppb
Zirconium	90-1	0.08	0.07	0.06	0.07	15.54	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:28:41	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.07	0.07	0.07	6.38	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:32:16	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91032.27	90276.82	91059.58	90789.56	0.49	ppb
Antimony	121-1	20.02	20.13	20.18	20.11	0.42	ppb
Arsenic	75-2	19.97	19.25	19.95	19.72	2.08	ppb
Barium	135-1	20.44	20.09	20.56	20.36	1.19	ppb
Barium	137-1	20.73	20.54	20.69	20.65	0.50	ppb
Beryllium	9-1	19.53	19.45	19.59	19.52	0.36	ppb
Bismuth	209-1				100		%
Bismuth	209-2				95		%
Boron	10-1	61.68	65.74	65.50	64.31	3.54	ppb
Boron	11-1	62.02	60.92	61.85	61.60	0.96	ppb
Cadmium	111-1	19.13	19.71	19.62	19.49	1.60	ppb
Cadmium	106-1	21.22	22.63	23.66	22.50	5.45	ppb
Cadmium	108-1	31.70	32.30	31.82	31.94	1.01	ppb
Calcium	43-1	95000.43	96013.76	95148.40	95387.53	0.57	ppb
Calcium	44-1	96031.22	95080.95	95625.03	95579.07	0.50	ppb
Chromium	52-2	41.80	41.97	43.07	42.28	1.62	ppb
Cobalt	59-2	20.59	20.64	21.01	20.75	1.09	ppb
Copper	63-2	27.86	27.27	28.12	27.75	1.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	102174.34	101145.10	102986.66	102102.03	0.90	ppb
Iron	57-2	103056.21	101622.82	102779.51	102486.18	0.74	ppb
Lead	206-1	24.41	23.39	24.13	23.98	2.21	ppb
Lead	207-1	22.07	21.83	22.20	22.03	0.85	ppb
Lead	208-1	23.01	22.42	22.72	22.72	1.31	ppb
Lithium	6-1				99		%
Magnesium	24-2	95950.14	94394.28	95972.38	95438.93	0.95	ppb
Manganese	55-2	27.84	27.04	27.85	27.58	1.69	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:32:16	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1432.37	1429.97	1425.90	1429.41	0.23	ppb
Molybdenum	95-1	1925.40	1928.77	1929.89	1928.02	0.12	ppb
Molybdenum	96-1	1861.04	1860.26	1861.14	1860.81	0.03	ppb
Molybdenum	97-1	1905.56	1898.47	1900.39	1901.47	0.19	ppb
Molybdenum	98-1	1910.17	1931.72	1920.35	1920.75	0.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	28.07	27.88	27.92	27.96	0.36	ppb
Phosphorus	31-2	98514.11	98444.00	98881.41	98613.17	0.24	ppb
Potassium	39-2	98750.64	98591.24	97680.30	98340.72	0.59	ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	77-2	23.10	21.77	23.30	22.72	3.66	ppb
Selenium	78-2	20.15	19.01	18.14	19.10	5.26	ppb
Selenium	82-1	20.11	19.31	18.81	19.41	3.38	ppb
Silicon	28-1	84.01	83.05	84.55	83.87	0.90	ppb
Silver	109-1	17.81	18.32	18.55	18.23	2.09	ppb
Silver	107-1	18.07	18.25	18.33	18.22	0.72	ppb
Sodium	23-2	98205.83	97329.11	98477.63	98004.19	0.61	ppb
Strontium	86-1	86.35	84.88	85.57	85.60	0.86	ppb
Strontium	88-1	85.90	86.15	85.31	85.79	0.51	ppb
Sulfur	34-1	71833.38	71698.69	72046.47	71859.51	0.24	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	19.42	19.51	19.63	19.52	0.55	ppb
Thallium	205-1	19.34	19.31	19.63	19.42	0.93	ppb
Tin	118-1	54.03	53.64	54.12	53.93	0.47	ppb
Titanium	47-1	1966.55	1965.09	1970.53	1967.39	0.14	ppb
Uranium	238-1	53.66	53.59	53.19	53.48	0.48	ppb
Vanadium	51-2	19.32	19.49	19.69	19.50	0.96	ppb
Yttrium	89-1				105		%
Yttrium	89-2				100		%
Zinc	66-2	30.67	29.84	31.93	30.81	3.42	ppb
Zirconium	90-1	53.66	53.87	53.39	53.64	0.45	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:32:16	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	53.97	54.15	53.48	53.87	0.64	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	CCV084	Instrumnet Name :	P7
Client Sample ID :	CCV084	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:35:50	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51978.49	52688.84	52446.23	52371.19	0.69	ppb
Antimony	121-1	487.68	484.07	488.00	486.58	0.45	ppb
Arsenic	75-2	502.14	503.56	503.04	502.91	0.14	ppb
Barium	135-1	2443.93	2436.57	2468.81	2449.77	0.69	ppb
Barium	137-1	2443.18	2446.68	2467.68	2452.52	0.54	ppb
Beryllium	9-1	493.30	494.14	496.71	494.72	0.36	ppb
Bismuth	209-1				100		%
Bismuth	209-2				95		%
Boron	10-1	488.59	487.30	495.30	490.40	0.88	ppb
Boron	11-1	490.03	493.54	495.05	492.87	0.52	ppb
Cadmium	111-1	476.29	476.15	470.89	474.44	0.65	ppb
Cadmium	106-1	470.44	464.03	478.33	470.93	1.52	ppb
Cadmium	108-1	481.35	481.15	481.01	481.17	0.04	ppb
Calcium	43-1	238958.15	242208.80	237761.09	239642.68	0.96	ppb
Calcium	44-1	240539.94	241267.93	239958.96	240588.94	0.27	ppb
Chromium	52-2	506.10	513.62	506.71	508.81	0.82	ppb
Cobalt	59-2	484.12	488.95	485.32	486.13	0.52	ppb
Copper	63-2	956.01	967.55	966.74	963.43	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				108		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	56-2	128531.74	128820.37	128401.34	128584.49	0.17	ppb
Iron	57-2	127882.14	129788.95	127324.25	128331.78	1.01	ppb
Lead	206-1	490.60	491.16	483.96	488.58	0.82	ppb
Lead	207-1	488.00	491.37	483.99	487.79	0.76	ppb
Lead	208-1	495.25	496.47	488.65	493.45	0.85	ppb
Lithium	6-1				100		%
Magnesium	24-2	247200.48	248116.53	247024.65	247447.22	0.24	ppb
Manganese	55-2	985.99	997.05	982.24	988.43	0.78	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	CCV084	Instrumnet Name :	P7
Client Sample ID :	CCV084	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:35:50	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2427.82	2459.10	2471.34	2452.75	0.91	ppb
Molybdenum	95-1	2426.27	2455.76	2477.17	2453.07	1.04	ppb
Molybdenum	96-1	2430.84	2463.00	2455.78	2449.87	0.69	ppb
Molybdenum	97-1	2422.99	2450.60	2464.02	2445.87	0.86	ppb
Molybdenum	98-1	2439.30	2449.44	2473.83	2454.19	0.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	490.04	493.83	498.61	494.16	0.87	ppb
Phosphorus	31-2	10259.94	10171.38	10123.57	10184.96	0.68	ppb
Potassium	39-2	125045.87	126479.54	125080.26	125535.22	0.65	ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	77-2	498.39	498.78	480.24	492.47	2.15	ppb
Selenium	78-2	495.49	501.62	508.21	501.77	1.27	ppb
Selenium	82-1	472.06	478.83	482.27	477.72	1.09	ppb
Silicon	28-1	610.47	616.54	618.13	615.05	0.66	ppb
Silver	109-1	478.11	479.94	475.30	477.78	0.49	ppb
Silver	107-1	473.29	473.22	476.02	474.18	0.34	ppb
Sodium	23-2	249720.11	254953.49	250680.21	251784.60	1.11	ppb
Strontium	86-1	489.31	502.16	497.12	496.20	1.30	ppb
Strontium	88-1	499.59	504.25	501.88	501.91	0.47	ppb
Sulfur	34-1	6945.56	7082.46	6930.84	6986.29	1.20	ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	495.54	493.97	488.18	492.57	0.79	ppb
Thallium	205-1	492.28	496.61	492.44	493.78	0.50	ppb
Tin	118-1	486.06	481.86	485.44	484.45	0.47	ppb
Titanium	47-1	2432.72	2462.46	2426.11	2440.43	0.79	ppb
Uranium	238-1	509.61	509.72	501.71	507.01	0.91	ppb
Vanadium	51-2	500.32	505.46	500.31	502.03	0.59	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	954.05	962.63	955.49	957.39	0.48	ppb
Zirconium	90-1	491.82	494.90	493.20	493.31	0.31	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	CCV084	Instrumnet Name :	P7
Client Sample ID :	CCV084	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:35:50	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	489.54	488.09	491.78	489.81	0.38	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	CCB084	Instrumnet Name :	P7
Client Sample ID :	CCB084	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:39:41	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.51	0.67	0.43	0.87	64.69	ppb
Antimony	121-1	0.76	0.91	0.99	0.89	13.13	ppb
Arsenic	75-2	0.04	0.08	0.06	0.06	32.85	ppb
Barium	135-1	0.08	0.09	0.08	0.08	7.86	ppb
Barium	137-1	0.11	0.10	0.07	0.09	21.39	ppb
Beryllium	9-1	0.11	0.04	0.09	0.08	43.57	ppb
Bismuth	209-1				106		%
Bismuth	209-2				100		%
Boron	10-1	8.86	7.99	7.28	8.04	9.82	ppb
Boron	11-1	8.66	8.58	7.30	8.18	9.35	ppb
Cadmium	111-1	-0.01	-0.05	-0.09	-0.05		ppb
Cadmium	106-1	-0.22	-0.70	-1.42	-0.78		ppb
Cadmium	108-1	0.08	0.08	0.02	0.06	54.46	ppb
Calcium	43-1	5.46	3.47	3.75	4.23	25.42	ppb
Calcium	44-1	7.19	6.47	6.10	6.58	8.48	ppb
Chromium	52-2	0.03	0.05	0.03	0.04	24.35	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	66.44	ppb
Copper	63-2	0.15	0.20	0.17	0.17	13.83	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				102		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	56-2	4.49	3.97	3.47	3.98	12.84	ppb
Iron	57-2	3.99	4.73	3.85	4.19	11.27	ppb
Lead	206-1	0.19	0.17	0.18	0.18	6.47	ppb
Lead	207-1	0.19	0.17	0.19	0.18	6.22	ppb
Lead	208-1	0.18	0.18	0.18	0.18	2.48	ppb
Lithium	6-1				103		%
Magnesium	24-2	3.03	2.87	2.99	2.96	2.82	ppb
Manganese	55-2	-0.01	0.00	0.01	0.00	2183.23	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	CCB084	Instrumnet Name :	P7
Client Sample ID :	CCB084	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:39:41	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.57	0.59	0.54	0.57	4.87	ppb
Molybdenum	95-1	0.72	0.67	0.65	0.68	5.81	ppb
Molybdenum	96-1	0.69	0.72	0.57	0.66	11.93	ppb
Molybdenum	97-1	0.72	0.74	0.70	0.72	3.19	ppb
Molybdenum	98-1	0.70	0.73	0.66	0.69	5.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	0.00	0.00		ppb
Phosphorus	31-2	2.04	-7.23	-19.13	-8.10		ppb
Potassium	39-2	14.39	14.02	13.28	13.90	4.05	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	77-2	0.13	-0.26	0.53	0.13	296.30	ppb
Selenium	78-2	0.65	0.35	-0.82	0.06	1331.44	ppb
Selenium	82-1	-0.05	0.45	-0.39	0.00	17977.68	ppb
Silicon	28-1	-10.41	-10.26	-9.75	-10.14		ppb
Silver	109-1	0.07	0.06	0.07	0.07	5.85	ppb
Silver	107-1	0.07	0.07	0.07	0.07	6.87	ppb
Sodium	23-2	92.62	92.11	84.42	89.72	5.12	ppb
Strontium	86-1	0.08	-0.02	-0.01	0.02	352.77	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	17.55	ppb
Sulfur	34-1	-2675.84	-2466.04	-2505.30	-2549.06		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.12	0.10	0.10	0.11	9.65	ppb
Thallium	205-1	0.11	0.11	0.10	0.11	8.36	ppb
Tin	118-1	0.12	0.10	0.11	0.11	11.60	ppb
Titanium	47-1	0.17	0.11	0.10	0.13	29.87	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	23.77	ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	99.97	ppb
Yttrium	89-1				104		%
Yttrium	89-2				99		%
Zinc	66-2	0.13	0.03	0.13	0.10	58.94	ppb
Zirconium	90-1	0.03	0.04	0.03	0.03	12.17	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	CCB084	Instrumnet Name :	P7
Client Sample ID :	CCB084	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:39:41	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.02	0.02	0.01	50.56	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:43:14	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.55	18.04	18.80	18.80	4.03	ppb
Antimony	121-1	2.07	2.13	2.21	2.14	3.35	ppb
Arsenic	75-2	0.98	1.15	1.09	1.08	7.97	ppb
Barium	135-1	8.94	9.17	9.13	9.08	1.35	ppb
Barium	137-1	9.25	8.99	9.06	9.10	1.47	ppb
Beryllium	9-1	1.08	0.99	1.01	1.02	4.45	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	10-1	27.99	27.32	27.40	27.57	1.33	ppb
Boron	11-1	27.66	28.02	28.74	28.14	1.95	ppb
Cadmium	111-1	0.94	0.81	0.92	0.89	7.76	ppb
Cadmium	106-1	0.26	-0.20	-0.01	0.01	1614.88	ppb
Cadmium	108-1	0.90	0.77	1.16	0.94	21.27	ppb
Calcium	43-1	437.02	473.54	474.13	461.56	4.61	ppb
Calcium	44-1	456.23	458.34	449.46	454.68	1.02	ppb
Chromium	52-2	1.97	2.10	2.12	2.06	4.04	ppb
Cobalt	59-2	0.92	0.93	0.90	0.91	1.93	ppb
Copper	63-2	2.21	2.06	2.09	2.12	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				105		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	51.84	51.80	51.09	51.57	0.82	ppb
Iron	57-2	53.60	53.10	48.17	51.62	5.82	ppb
Lead	206-1	1.02	0.99	1.02	1.01	1.58	ppb
Lead	207-1	1.07	1.06	1.04	1.06	1.52	ppb
Lead	208-1	1.02	1.02	1.01	1.02	0.49	ppb
Lithium	6-1				100		%
Magnesium	24-2	472.92	482.06	479.74	478.24	0.99	ppb
Manganese	55-2	1.02	1.01	1.03	1.02	0.79	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:43:14	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.91	4.69	5.01	4.87	3.39	ppb
Molybdenum	95-1	4.51	4.70	4.81	4.67	3.34	ppb
Molybdenum	96-1	4.82	4.71	4.82	4.78	1.35	ppb
Molybdenum	97-1	4.71	4.63	4.89	4.74	2.81	ppb
Molybdenum	98-1	4.66	4.79	4.62	4.69	1.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.03	1.13	1.12	1.09	5.19	ppb
Phosphorus	31-2	-7.46	-7.93	3.06	-4.11		ppb
Potassium	39-2	484.42	489.84	476.96	483.74	1.34	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	77-2	5.56	5.24	3.63	4.81	21.45	ppb
Selenium	78-2	4.18	5.01	5.13	4.77	10.82	ppb
Selenium	82-1	5.41	4.95	5.18	5.18	4.44	ppb
Silicon	28-1	5.91	7.60	6.88	6.80	12.47	ppb
Silver	109-1	1.01	1.02	1.01	1.01	0.74	ppb
Silver	107-1	0.95	0.96	0.96	0.96	0.69	ppb
Sodium	23-2	539.13	547.88	540.26	542.43	0.88	ppb
Strontium	86-1	0.88	0.86	0.91	0.88	2.62	ppb
Strontium	88-1	0.92	0.93	0.94	0.93	1.01	ppb
Sulfur	34-1	-2111.84	-2010.75	-2020.49	-2047.69		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	1.00	0.94	0.98	0.97	3.45	ppb
Thallium	205-1	0.95	0.96	0.99	0.97	2.21	ppb
Tin	118-1	4.74	4.71	4.60	4.68	1.65	ppb
Titanium	47-1	4.85	5.07	4.47	4.80	6.35	ppb
Uranium	238-1	0.85	0.86	0.84	0.85	1.14	ppb
Vanadium	51-2	4.50	4.60	4.63	4.58	1.43	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	2.41	2.26	2.09	2.26	7.07	ppb
Zirconium	90-1	0.96	0.96	0.97	0.96	0.97	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:43:14	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.03	0.96	1.06	1.02	5.01	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	PB108375BL	Instrumnet Name :	P7
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:46:47	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.14	-0.08	-0.15	-0.12		ppb
Antimony	121-1	0.13	0.17	0.18	0.16	16.62	ppb
Arsenic	75-2	0.02	0.02	0.03	0.02	32.40	ppb
Barium	135-1	0.01	0.01	-0.01	0.01	189.41	ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.04	0.05	0.05	0.05	8.45	ppb
Bismuth	209-1				106		%
Bismuth	209-2				100		%
Boron	10-1	3.79	3.92	2.84	3.52	16.81	ppb
Boron	11-1	4.08	3.81	4.16	4.02	4.47	ppb
Cadmium	111-1	-0.06	-0.09	-0.07	-0.07		ppb
Cadmium	106-1	-0.85	-1.18	-1.02	-1.02		ppb
Cadmium	108-1	-0.03	-0.01	-0.06	-0.03		ppb
Calcium	43-1	1.97	0.77	1.34	1.36	44.00	ppb
Calcium	44-1	4.53	4.89	5.66	5.03	11.42	ppb
Chromium	52-2	-0.01	-0.03	-0.01	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.10	0.09	0.08	0.09	11.89	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				107		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	0.75	0.72	0.72	0.73	2.15	ppb
Iron	57-2	-0.22	0.02	-0.36	-0.18		ppb
Lead	206-1	0.09	0.07	0.08	0.08	12.36	ppb
Lead	207-1	0.08	0.08	0.09	0.08	7.68	ppb
Lead	208-1	0.08	0.07	0.08	0.08	5.23	ppb
Lithium	6-1				100		%
Magnesium	24-2	1.09	0.72	0.77	0.86	23.24	ppb
Manganese	55-2	0.00	0.02	-0.01	0.00	627.85	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	PB108375BL	Instrumnet Name :	P7
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:46:47	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.10	0.09	0.08	28.62	ppb
Molybdenum	95-1	0.07	0.10	0.10	0.09	19.07	ppb
Molybdenum	96-1	0.12	0.13	0.10	0.11	12.19	ppb
Molybdenum	97-1	0.07	0.16	0.13	0.12	34.44	ppb
Molybdenum	98-1	0.13	0.13	0.12	0.13	4.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	0.01	0.00	1128.58	ppb
Phosphorus	31-2	-16.86	-1.69	-27.58	-15.38		ppb
Potassium	39-2	3.43	-1.20	-1.38	0.28	964.41	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	77-2	0.13	-0.26	-0.26	-0.13		ppb
Selenium	78-2	0.88	-0.33	1.54	0.70	136.24	ppb
Selenium	82-1	0.05	0.48	-0.35	0.06	707.15	ppb
Silicon	28-1	-9.77	-10.90	-10.72	-10.47		ppb
Silver	109-1	0.01	0.02	0.02	0.01	29.87	ppb
Silver	107-1	0.02	0.02	0.02	0.02	12.58	ppb
Sodium	23-2	50.31	50.71	49.60	50.21	1.12	ppb
Strontium	86-1	0.00	0.00	-0.03	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	88.04	ppb
Sulfur	34-1	-2186.77	-2225.79	-2196.32	-2202.96		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.03	0.03	0.04	0.03	20.90	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	11.42	ppb
Tin	118-1	0.08	0.04	0.06	0.06	37.82	ppb
Titanium	47-1	0.06	0.01	0.03	0.03	83.08	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	89.83	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	130.38	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	0.19	0.25	0.22	0.22	14.04	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	75.24	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	PB108375BL	Instrumnet Name :	P7
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:46:47	DataFile Name :	020CCBE.d

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

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	PB108375BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:50:20	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.61	39.15	36.58	37.45	3.94	ppb
Antimony	121-1	3.77	3.86	3.76	3.80	1.49	ppb
Arsenic	75-2	2.12	1.92	1.90	1.98	6.24	ppb
Barium	135-1	18.47	18.83	18.38	18.56	1.29	ppb
Barium	137-1	18.35	18.12	18.71	18.39	1.61	ppb
Beryllium	9-1	2.07	2.01	2.12	2.07	2.68	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Boron	10-1	48.53	48.12	50.55	49.07	2.65	ppb
Boron	11-1	49.93	50.72	50.22	50.29	0.79	ppb
Cadmium	111-1	1.77	1.79	1.64	1.73	4.57	ppb
Cadmium	106-1	0.99	-0.61	-0.66	-0.09		ppb
Cadmium	108-1	1.68	2.22	1.88	1.93	14.22	ppb
Calcium	43-1	879.87	920.60	870.65	890.37	2.98	ppb
Calcium	44-1	909.87	903.13	901.18	904.73	0.50	ppb
Chromium	52-2	4.12	4.11	4.02	4.08	1.39	ppb
Cobalt	59-2	1.94	1.98	1.99	1.97	1.31	ppb
Copper	63-2	4.02	4.12	4.06	4.07	1.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	339.47	342.85	337.82	340.04	0.75	ppb
Iron	57-2	338.23	354.73	340.41	344.46	2.60	ppb
Lead	206-1	1.91	1.89	1.86	1.89	1.34	ppb
Lead	207-1	1.95	1.86	1.85	1.88	2.99	ppb
Lead	208-1	1.88	1.85	1.83	1.86	1.36	ppb
Lithium	6-1				98		%
Magnesium	24-2	939.51	939.10	945.68	941.43	0.39	ppb
Manganese	55-2	1.93	2.06	1.99	1.99	3.28	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	PB108375BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:50:20	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	9.61	9.26	9.29	9.38	2.08	ppb
Molybdenum	95-1	9.23	9.11	9.20	9.18	0.65	ppb
Molybdenum	96-1	9.23	9.34	9.05	9.21	1.59	ppb
Molybdenum	97-1	8.96	9.44	9.06	9.16	2.74	ppb
Molybdenum	98-1	9.03	9.04	9.02	9.03	0.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.19	2.09	2.12	2.13	2.39	ppb
Phosphorus	31-2	4.96	3.02	16.99	8.32	90.91	ppb
Potassium	39-2	973.76	987.13	968.94	976.61	0.96	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	77-2	10.92	10.82	7.46	9.73	20.23	ppb
Selenium	78-2	10.34	11.17	10.88	10.80	3.93	ppb
Selenium	82-1	9.13	9.37	9.99	9.50	4.70	ppb
Silicon	28-1	23.61	22.09	22.44	22.71	3.50	ppb
Silver	109-1	1.99	1.98	1.90	1.96	2.50	ppb
Silver	107-1	1.92	2.00	1.96	1.96	2.26	ppb
Sodium	23-2	1009.83	1008.44	997.13	1005.13	0.69	ppb
Strontium	86-1	1.98	1.77	1.80	1.85	6.13	ppb
Strontium	88-1	1.83	1.89	1.87	1.86	1.61	ppb
Sulfur	34-1	-1800.92	-1743.71	-1976.89	-1840.51		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	1.89	1.85	1.84	1.86	1.40	ppb
Thallium	205-1	1.79	1.84	1.86	1.83	1.86	ppb
Tin	118-1	9.40	9.48	9.23	9.37	1.37	ppb
Titanium	47-1	9.52	9.41	9.08	9.34	2.45	ppb
Uranium	238-1	1.73	1.66	1.75	1.71	2.73	ppb
Vanadium	51-2	9.14	9.65	9.30	9.36	2.74	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	4.26	4.60	4.55	4.47	4.16	ppb
Zirconium	90-1	1.97	1.96	1.88	1.94	2.38	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	PB108375BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:50:20	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.99	1.97	1.98	1.98	0.47	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2241-02	Instrumnet Name :	P7
Client Sample ID :	1206	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:53:53	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	709.03	706.19	712.29	709.17	0.43	ppb
Antimony	121-1	33.30	33.07	33.60	33.32	0.78	ppb
Arsenic	75-2	17.58	17.65	17.10	17.44	1.72	ppb
Barium	135-1	1672.82	1656.03	1694.33	1674.39	1.15	ppb
Barium	137-1	1688.43	1682.93	1712.50	1694.62	0.93	ppb
Beryllium	9-1	4.89	4.97	4.99	4.95	1.15	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Boron	10-1	824.23	832.81	836.25	831.10	0.74	ppb
Boron	11-1	828.18	834.95	840.51	834.55	0.74	ppb
Cadmium	111-1	21.74	21.97	22.81	22.17	2.54	ppb
Cadmium	106-1	15.89	16.88	18.93	17.23	8.99	ppb
Cadmium	108-1	20.39	21.82	20.23	20.81	4.20	ppb
Calcium	43-1	0.61	7.49	5.65	4.58	77.68	ppb
Calcium	44-1	3.71	5.06	5.05	4.61	16.94	ppb
Chromium	52-2	112.32	113.33	111.98	112.54	0.63	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	283.36	280.54	281.94	281.94	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				107		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	56-2	1105.21	1114.95	1104.95	1108.37	0.51	ppb
Iron	57-2	1139.13	1121.50	1126.01	1128.88	0.81	ppb
Lead	206-1	37.79	38.14	37.43	37.79	0.95	ppb
Lead	207-1	34.85	34.54	34.48	34.62	0.57	ppb
Lead	208-1	36.27	36.43	36.01	36.24	0.59	ppb
Lithium	6-1				98		%
Magnesium	24-2	1.30	0.92	1.31	1.18	18.69	ppb
Manganese	55-2	220.78	224.50	222.36	222.55	0.84	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2241-02	Instrumnet Name :	P7
Client Sample ID :	1206	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:53:53	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	56.59	55.23	55.35	55.72	1.35	ppb
Molybdenum	95-1	79.78	79.97	79.28	79.68	0.45	ppb
Molybdenum	96-1	78.01	76.28	77.02	77.10	1.13	ppb
Molybdenum	97-1	78.24	78.78	78.45	78.49	0.35	ppb
Molybdenum	98-1	78.95	79.62	78.43	79.00	0.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	78.17	78.02	78.45	78.21	0.28	ppb
Phosphorus	31-2	-7.24	-12.59	-3.72	-7.85		ppb
Potassium	39-2	4.77	6.23	1.87	4.29	51.68	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	77-2	72.12	87.01	90.49	83.21	11.72	ppb
Selenium	78-2	86.95	80.74	84.38	84.02	3.71	ppb
Selenium	82-1	79.99	78.24	77.72	78.65	1.51	ppb
Silicon	28-1	44.07	44.90	42.84	43.93	2.35	ppb
Silver	109-1	173.65	172.96	175.94	174.18	0.90	ppb
Silver	107-1	171.67	173.20	176.22	173.70	1.33	ppb
Sodium	23-2	55.77	56.61	56.01	56.13	0.78	ppb
Strontium	86-1	-0.01	0.01	-0.03	-0.01		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	11.79	ppb
Sulfur	34-1	-2052.18	-2185.21	-2439.11	-2225.50		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	7.20	7.16	6.96	7.11	1.84	ppb
Thallium	205-1	7.14	7.18	7.15	7.16	0.31	ppb
Tin	118-1	0.06	0.07	0.03	0.05	39.49	ppb
Titanium	47-1	0.08	0.05	0.08	0.07	24.98	ppb
Uranium	238-1	32.81	32.84	32.45	32.70	0.66	ppb
Vanadium	51-2	715.62	715.87	713.55	715.01	0.18	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	278.11	272.16	272.38	274.21	1.23	ppb
Zirconium	90-1	0.06	0.05	0.05	0.05	3.96	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2241-02	Instrumnet Name :	P7
Client Sample ID :	1206	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:53:53	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.07	0.08	0.07	23.30	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2241-03	Instrumnet Name :	P7
Client Sample ID :	1232	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:57:27	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.63	4.47	4.88	4.33	14.69	ppb
Antimony	121-1	0.06	0.08	0.08	0.07	11.73	ppb
Arsenic	75-2	0.03	0.03	0.00	0.02	100.52	ppb
Barium	135-1	0.46	0.37	0.44	0.42	10.16	ppb
Barium	137-1	0.40	0.43	0.37	0.40	7.53	ppb
Beryllium	9-1	0.03	0.03	0.04	0.04	5.43	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	38.07	39.22	38.26	38.52	1.61	ppb
Boron	11-1	39.03	38.33	37.03	38.13	2.66	ppb
Cadmium	111-1	0.03	-0.07	0.04	0.00	15084.39	ppb
Cadmium	106-1	-0.47	-1.53	-0.12	-0.71		ppb
Cadmium	108-1	-0.03	0.13	0.02	0.04	207.20	ppb
Calcium	43-1	67541.78	67742.72	67839.99	67708.16	0.22	ppb
Calcium	44-1	68397.05	68791.78	69142.58	68777.14	0.54	ppb
Chromium	52-2	0.16	0.17	0.17	0.17	2.72	ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	1.32	ppb
Copper	63-2	0.16	0.14	0.13	0.14	8.04	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				105		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	5.34	5.44	5.34	5.37	1.10	ppb
Iron	57-2	124.14	128.79	128.72	127.22	2.10	ppb
Lead	206-1	0.16	0.15	0.16	0.16	5.34	ppb
Lead	207-1	0.12	0.11	0.10	0.11	7.93	ppb
Lead	208-1	0.14	0.12	0.14	0.13	6.45	ppb
Lithium	6-1				98		%
Magnesium	24-2	15189.17	15256.29	15222.32	15222.59	0.22	ppb
Manganese	55-2	0.74	0.73	0.70	0.72	2.82	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2241-03	Instrumnet Name :	P7
Client Sample ID :	1232	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:57:27	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.16	0.17	0.15	0.16	5.15	ppb
Molybdenum	95-1	0.07	0.07	0.10	0.08	17.14	ppb
Molybdenum	96-1	0.09	0.08	0.08	0.09	6.45	ppb
Molybdenum	97-1	0.07	0.09	0.05	0.07	22.20	ppb
Molybdenum	98-1	0.08	0.06	0.07	0.07	12.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.11	0.09	0.12	0.11	14.48	ppb
Phosphorus	31-2	6.34	-8.84	-1.40	-1.30		ppb
Potassium	39-2	32206.26	32356.51	31937.88	32166.88	0.66	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	77-2	0.12	0.50	-0.26	0.12	320.77	ppb
Selenium	78-2	-0.48	0.79	0.29	0.20	319.41	ppb
Selenium	82-1	0.30	0.03	-0.39	-0.02		ppb
Silicon	28-1	47.39	47.86	50.28	48.51	3.20	ppb
Silver	109-1	0.02	0.02	0.02	0.02	14.82	ppb
Silver	107-1	0.02	0.03	0.02	0.02	7.55	ppb
Sodium	23-2	17003.25	17056.12	17015.77	17025.05	0.16	ppb
Strontium	86-1	19.14	19.46	19.51	19.37	1.05	ppb
Strontium	88-1	19.59	19.65	19.81	19.68	0.57	ppb
Sulfur	34-1	-1607.25	-1186.76	-806.07	-1200.03		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.02	0.03	0.02	0.02	12.66	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	5.46	ppb
Tin	118-1	0.02	0.03	0.03	0.03	32.45	ppb
Titanium	47-1	0.27	0.38	0.28	0.31	18.92	ppb
Uranium	238-1	0.07	0.07	0.06	0.07	3.11	ppb
Vanadium	51-2	0.06	0.06	0.04	0.05	19.57	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	0.29	0.40	0.30	0.33	17.43	ppb
Zirconium	90-1	0.05	0.05	0.06	0.06	4.94	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2241-03	Instrumnet Name :	P7
Client Sample ID :	1232	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:57:27	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.04	0.04	0.05	17.54	ppb

LB Number : LB94752 Operator : Jaswal
 Lab Sample ID : PB108207BL Instrumnet Name : P7
 Client Sample ID : PB108207BL Dilution Factor : 1
 Date & Time Acquired :: 2018-04-19 18:01:01 DataFile Name : 024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.41	-0.22	-0.28	-0.30		ppb
Antimony	121-1	0.03	0.05	0.06	0.05	35.12	ppb
Arsenic	75-2	0.01	0.02	0.03	0.02	50.35	ppb
Barium	135-1	0.02	0.00	0.01	0.01	82.74	ppb
Barium	137-1	0.03	0.01	0.01	0.02	67.18	ppb
Beryllium	9-1	0.04	0.03	0.02	0.03	28.96	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	10-1	8.47	7.78	8.40	8.22	4.64	ppb
Boron	11-1	8.24	7.82	7.70	7.92	3.61	ppb
Cadmium	111-1	-0.07	-0.03	-0.08	-0.06		ppb
Cadmium	106-1	-0.85	-0.46	-1.10	-0.81		ppb
Cadmium	108-1	0.05	-0.06	0.08	0.02	326.41	ppb
Calcium	43-1	2.73	1.43	2.67	2.28	32.30	ppb
Calcium	44-1	8.06	5.38	6.71	6.72	19.98	ppb
Chromium	52-2	0.01	0.01	-0.01	0.01	179.67	ppb
Cobalt	59-2	-0.01	-0.01	0.01	0.00		ppb
Copper	63-2	0.06	0.05	0.06	0.06	10.22	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				106		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	0.75	0.61	0.64	0.66	11.41	ppb
Iron	57-2	0.19	0.24	0.62	0.35	66.59	ppb
Lead	206-1	0.04	0.05	0.04	0.04	18.22	ppb
Lead	207-1	0.04	0.06	0.06	0.05	25.75	ppb
Lead	208-1	0.04	0.05	0.04	0.04	11.84	ppb
Lithium	6-1				98		%
Magnesium	24-2	0.86	0.89	1.15	0.96	16.90	ppb
Manganese	55-2	-0.01	0.00	-0.01	-0.01		ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	PB108207BL	Instrumnet Name :	P7
Client Sample ID :	PB108207BL	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 18:01:01	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.02	0.02	0.03	38.02	ppb
Molybdenum	95-1	0.02	0.03	0.04	0.03	25.84	ppb
Molybdenum	96-1	0.04	0.03	0.02	0.03	25.02	ppb
Molybdenum	97-1	0.05	0.04	0.05	0.05	13.82	ppb
Molybdenum	98-1	0.04	0.04	0.03	0.04	17.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	0.00	-0.01		ppb
Phosphorus	31-2	-4.71	-17.41	-11.00	-11.04		ppb
Potassium	39-2	5.28	0.64	-3.95	0.66	702.42	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	77-2	0.51	-0.26	0.12	0.12	315.55	ppb
Selenium	78-2	0.86	0.73	0.42	0.67	33.41	ppb
Selenium	82-1	-0.96	0.70	0.81	0.18	546.62	ppb
Silicon	28-1	-9.71	-10.61	-10.29	-10.21		ppb
Silver	109-1	0.00	0.01	0.01	0.01	43.20	ppb
Silver	107-1	0.01	0.01	0.00	0.01	40.31	ppb
Sodium	23-2	29.81	27.84	28.61	28.75	3.44	ppb
Strontium	86-1	0.03	0.02	0.00	0.02	83.00	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	136.31	ppb
Sulfur	34-1	-659.32	-863.28	-868.07	-796.89		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.03	0.01	0.01	0.02	66.63	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	15.54	ppb
Tin	118-1	0.02	0.02	0.03	0.02	39.15	ppb
Titanium	47-1	0.03	0.02	0.00	0.02	84.86	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	51.26	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	0.00	0.04	0.08	0.04	94.09	ppb
Zirconium	90-1	0.00	0.00	0.01	0.01	68.11	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	PB108207BL	Instrumnet Name :	P7
Client Sample ID :	PB108207BL	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 18:01:01	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.03	0.01	-0.02	-0.02		ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	PB108207BS	Instrumnet Name :	P7
Client Sample ID :	PB108207BS	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 18:04:34	DataFile Name :	025LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9753.13	9693.60	9701.14	9715.96	0.33	ppb
Antimony	121-1	488.08	483.67	487.81	486.52	0.51	ppb
Arsenic	75-2	505.41	506.09	504.60	505.37	0.15	ppb
Barium	135-1	2440.87	2429.92	2447.15	2439.31	0.36	ppb
Barium	137-1	2432.80	2433.09	2458.69	2441.53	0.61	ppb
Beryllium	9-1	502.14	506.28	503.83	504.08	0.41	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Boron	10-1	492.75	504.49	504.04	500.43	1.33	ppb
Boron	11-1	499.68	499.41	510.56	503.22	1.26	ppb
Cadmium	111-1	490.02	487.31	488.70	488.68	0.28	ppb
Cadmium	106-1	481.97	482.40	488.87	484.41	0.80	ppb
Cadmium	108-1	484.43	481.26	493.07	486.25	1.26	ppb
Calcium	43-1	47355.78	47469.63	47723.70	47516.37	0.40	ppb
Calcium	44-1	47698.12	47903.70	47919.73	47840.52	0.26	ppb
Chromium	52-2	493.52	493.84	493.06	493.47	0.08	ppb
Cobalt	59-2	497.02	491.89	499.20	496.04	0.76	ppb
Copper	63-2	1005.46	998.36	1007.54	1003.79	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				108		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	26140.56	25992.98	26083.36	26072.30	0.29	ppb
Iron	57-2	26058.58	25778.11	25989.98	25942.22	0.56	ppb
Lead	206-1	476.57	476.95	471.85	475.13	0.60	ppb
Lead	207-1	477.21	475.21	473.53	475.31	0.39	ppb
Lead	208-1	480.73	480.12	476.00	478.95	0.54	ppb
Lithium	6-1				99		%
Magnesium	24-2	50524.12	50304.79	50182.46	50337.12	0.34	ppb
Manganese	55-2	989.11	990.35	989.54	989.67	0.06	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	PB108207BS	Instrumnet Name :	P7
Client Sample ID :	PB108207BS	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 18:04:34	DataFile Name :	025LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2429.94	2417.71	2428.34	2425.33	0.27	ppb
Molybdenum	95-1	2420.70	2408.29	2419.51	2416.16	0.28	ppb
Molybdenum	96-1	2412.96	2407.81	2421.80	2414.19	0.29	ppb
Molybdenum	97-1	2417.21	2406.72	2432.52	2418.82	0.54	ppb
Molybdenum	98-1	2429.97	2386.30	2411.27	2409.18	0.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	498.66	497.58	504.02	500.09	0.69	ppb
Phosphorus	31-2	10178.97	10239.80	10178.71	10199.16	0.35	ppb
Potassium	39-2	25179.28	24890.53	24971.31	25013.71	0.60	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	77-2	521.06	530.74	534.15	528.65	1.28	ppb
Selenium	78-2	511.15	523.23	511.80	515.40	1.32	ppb
Selenium	82-1	483.99	484.14	485.70	484.61	0.20	ppb
Silicon	28-1	610.49	611.06	606.78	609.44	0.38	ppb
Silver	109-1	492.20	486.78	490.78	489.92	0.57	ppb
Silver	107-1	487.09	485.89	492.10	488.36	0.68	ppb
Sodium	23-2	50734.04	50417.74	50505.39	50552.39	0.32	ppb
Strontium	86-1	479.43	476.51	476.38	477.44	0.36	ppb
Strontium	88-1	487.10	483.34	480.49	483.64	0.69	ppb
Sulfur	34-1	7376.60	7342.11	7161.92	7293.54	1.58	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	479.07	480.28	475.55	478.30	0.51	ppb
Thallium	205-1	480.17	485.01	483.16	482.78	0.51	ppb
Tin	118-1	486.27	477.45	484.89	482.87	0.98	ppb
Titanium	47-1	2433.23	2420.03	2403.13	2418.80	0.62	ppb
Uranium	238-1	475.55	476.71	475.36	475.88	0.15	ppb
Vanadium	51-2	498.59	497.41	497.76	497.92	0.12	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	1003.54	995.18	1004.35	1001.03	0.51	ppb
Zirconium	90-1	486.58	481.17	483.17	483.64	0.57	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	PB108207BS	Instrumnet Name :	P7
Client Sample ID :	PB108207BS	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 18:04:34	DataFile Name :	025LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	479.87	475.60	476.76	477.41	0.46	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	CCV085	Instrumnet Name :	P7
Client Sample ID :	CCV085	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 18:08:07	DataFile Name :	026CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52647.05	52486.31	52465.44	52532.93	0.19	ppb
Antimony	121-1	484.61	480.39	485.35	483.45	0.55	ppb
Arsenic	75-2	499.08	502.80	503.59	501.82	0.48	ppb
Barium	135-1	2427.48	2434.26	2428.89	2430.21	0.15	ppb
Barium	137-1	2447.75	2423.59	2462.39	2444.58	0.80	ppb
Beryllium	9-1	520.11	513.87	514.21	516.06	0.68	ppb
Bismuth	209-1				99		%
Bismuth	209-2				93		%
Boron	10-1	511.14	520.99	532.94	521.69	2.09	ppb
Boron	11-1	510.54	523.28	530.78	521.53	1.96	ppb
Cadmium	111-1	477.29	469.29	469.28	471.95	0.98	ppb
Cadmium	106-1	476.24	473.42	469.92	473.20	0.67	ppb
Cadmium	108-1	475.37	476.52	479.28	477.06	0.42	ppb
Calcium	43-1	240593.09	240442.37	240343.91	240459.79	0.05	ppb
Calcium	44-1	240159.05	240876.25	240987.58	240674.30	0.19	ppb
Chromium	52-2	510.09	509.56	511.44	510.36	0.19	ppb
Cobalt	59-2	483.36	480.71	488.81	484.29	0.85	ppb
Copper	63-2	949.97	951.55	961.07	954.20	0.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	56-2	129174.18	127874.78	128532.71	128527.23	0.51	ppb
Iron	57-2	129122.46	127791.41	129192.66	128702.18	0.61	ppb
Lead	206-1	483.27	481.23	482.29	482.26	0.21	ppb
Lead	207-1	489.90	487.91	482.94	486.92	0.74	ppb
Lead	208-1	492.01	490.58	490.46	491.02	0.17	ppb
Lithium	6-1				97		%
Magnesium	24-2	249189.57	246687.24	247147.23	247674.68	0.54	ppb
Manganese	55-2	988.12	984.55	986.54	986.40	0.18	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	CCV085	Instrumnet Name :	P7
Client Sample ID :	CCV085	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 18:08:07	DataFile Name :	026CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2449.86	2470.32	2466.33	2462.17	0.44	ppb
Molybdenum	95-1	2442.75	2449.36	2456.75	2449.62	0.29	ppb
Molybdenum	96-1	2422.00	2434.86	2459.32	2438.73	0.78	ppb
Molybdenum	97-1	2411.71	2428.49	2427.42	2422.54	0.39	ppb
Molybdenum	98-1	2429.25	2430.32	2431.29	2430.28	0.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	485.61	488.45	491.10	488.39	0.56	ppb
Phosphorus	31-2	10358.99	10293.92	10179.66	10277.53	0.88	ppb
Potassium	39-2	126479.51	125371.74	126440.01	126097.09	0.50	ppb
Rhodium	103-1				96		%
Rhodium	103-2				93		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	77-2	513.38	515.80	514.62	514.60	0.23	ppb
Selenium	78-2	514.58	507.29	496.60	506.15	1.79	ppb
Selenium	82-1	475.51	469.84	470.26	471.87	0.67	ppb
Silicon	28-1	613.48	624.34	618.15	618.66	0.88	ppb
Silver	109-1	473.68	467.33	470.09	470.36	0.68	ppb
Silver	107-1	467.39	468.53	469.22	468.38	0.20	ppb
Sodium	23-2	251012.75	250728.09	252736.32	251492.39	0.43	ppb
Strontium	86-1	489.69	490.02	488.63	489.45	0.15	ppb
Strontium	88-1	498.93	500.91	500.01	499.95	0.20	ppb
Sulfur	34-1	7516.33	7614.95	7353.43	7494.90	1.76	ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	492.93	485.30	492.66	490.30	0.88	ppb
Thallium	205-1	498.09	497.10	498.14	497.78	0.12	ppb
Tin	118-1	481.83	477.09	479.82	479.58	0.50	ppb
Titanium	47-1	2451.72	2447.46	2424.52	2441.23	0.60	ppb
Uranium	238-1	502.74	502.22	506.28	503.75	0.44	ppb
Vanadium	51-2	504.15	499.84	505.50	503.16	0.59	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	957.81	951.36	963.75	957.64	0.65	ppb
Zirconium	90-1	494.95	493.40	495.93	494.76	0.26	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	CCV085	Instrumnet Name :	P7
Client Sample ID :	CCV085	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 18:08:07	DataFile Name :	026CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	486.79	483.47	485.47	485.24	0.34	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	CCB085	Instrumnet Name :	P7
Client Sample ID :	CCB085	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 18:11:45	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.86	1.42	0.37	0.88	59.33	ppb
Antimony	121-1	0.94	1.10	1.29	1.11	15.48	ppb
Arsenic	75-2	0.09	0.08	0.08	0.08	3.91	ppb
Barium	135-1	0.14	0.10	0.15	0.13	20.32	ppb
Barium	137-1	0.11	0.15	0.13	0.13	14.38	ppb
Beryllium	9-1	0.16	0.11	0.14	0.13	17.65	ppb
Bismuth	209-1				106		%
Bismuth	209-2				98		%
Boron	10-1	12.77	12.14	12.50	12.47	2.52	ppb
Boron	11-1	13.12	11.68	11.40	12.06	7.65	ppb
Cadmium	111-1	-0.08	-0.10	-0.17	-0.11		ppb
Cadmium	106-1	-1.20	-1.74	-2.43	-1.79		ppb
Cadmium	108-1	0.02	0.02	-0.06	-0.01		ppb
Calcium	43-1	4.01	5.08	2.65	3.91	31.07	ppb
Calcium	44-1	10.21	10.70	5.50	8.80	32.63	ppb
Chromium	52-2	0.04	0.01	0.00	0.02	142.46	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	15.96	ppb
Copper	63-2	0.20	0.18	0.17	0.19	7.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	56-2	5.54	4.69	4.26	4.83	13.49	ppb
Iron	57-2	3.06	3.08	3.38	3.18	5.61	ppb
Lead	206-1	0.20	0.21	0.20	0.20	3.05	ppb
Lead	207-1	0.23	0.24	0.20	0.22	9.45	ppb
Lead	208-1	0.22	0.23	0.21	0.22	3.22	ppb
Lithium	6-1				100		%
Magnesium	24-2	3.46	4.20	2.97	3.54	17.47	ppb
Manganese	55-2	0.02	0.00	0.01	0.01	115.88	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	CCB085	Instrumnet Name :	P7
Client Sample ID :	CCB085	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 18:11:45	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.67	0.65	0.53	0.62	11.71	ppb
Molybdenum	95-1	0.73	0.75	0.71	0.73	2.52	ppb
Molybdenum	96-1	0.77	0.77	0.59	0.71	14.79	ppb
Molybdenum	97-1	0.74	0.82	0.66	0.74	11.14	ppb
Molybdenum	98-1	0.79	0.73	0.72	0.75	5.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.00	0.00	40.52	ppb
Phosphorus	31-2	-12.81	0.23	-8.06	-6.88		ppb
Potassium	39-2	18.06	15.94	20.40	18.13	12.29	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	77-2	0.13	-0.26	0.13	0.00	63021.90	ppb
Selenium	78-2	0.38	-0.46	0.08	0.00		ppb
Selenium	82-1	0.82	-0.27	0.87	0.47	135.71	ppb
Silicon	28-1	-10.76	-10.14	-11.83	-10.91		ppb
Silver	109-1	0.06	0.07	0.07	0.07	7.64	ppb
Silver	107-1	0.06	0.07	0.07	0.07	2.83	ppb
Sodium	23-2	83.99	84.19	78.89	82.36	3.65	ppb
Strontium	86-1	-0.02	-0.03	-0.06	-0.04		ppb
Strontium	88-1	0.02	0.01	0.01	0.01	45.90	ppb
Sulfur	34-1	-2587.80	-2444.73	-2575.25	-2535.93		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.12	0.09	0.11	0.11	13.45	ppb
Thallium	205-1	0.11	0.09	0.09	0.10	11.79	ppb
Tin	118-1	0.13	0.17	0.13	0.14	14.80	ppb
Titanium	47-1	0.21	0.14	0.09	0.15	41.28	ppb
Uranium	238-1	0.03	0.02	0.01	0.02	34.89	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	25.48	ppb
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	0.13	0.12	0.06	0.10	37.24	ppb
Zirconium	90-1	0.03	0.04	0.03	0.03	13.01	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	CCB085	Instrumnet Name :	P7
Client Sample ID :	CCB085	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 18:11:45	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.01	0.04	0.02	96.44	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01	Instrumnet Name :	P7
Client Sample ID :	MH0S17	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 18:15:20	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48718.81	49236.44	48955.02	48970.09	0.53	ppb
Antimony	121-1	1.71	1.71	1.85	1.76	4.61	ppb
Arsenic	75-2	7.25	7.55	7.20	7.33	2.59	ppb
Barium	135-1	1338.83	1346.86	1348.25	1344.65	0.38	ppb
Barium	137-1	1375.97	1366.18	1367.86	1370.00	0.38	ppb
Beryllium	9-1	1.17	1.20	1.19	1.19	1.45	ppb
Bismuth	209-1				98		%
Bismuth	209-2				90		%
Boron	10-1	268.77	267.63	271.88	269.43	0.82	ppb
Boron	11-1	268.11	270.86	268.78	269.25	0.53	ppb
Cadmium	111-1	1.96	1.63	1.62	1.74	11.06	ppb
Cadmium	106-1	19.66	17.09	18.62	18.46	7.01	ppb
Cadmium	108-1	9.27	10.66	11.42	10.45	10.40	ppb
Calcium	43-1	524251.90	522680.85	520536.27	522489.67	0.36	ppb
Calcium	44-1	523946.70	522666.41	519390.86	522001.32	0.45	ppb
Chromium	52-2	11028.89	11139.24	11149.64	11105.92	0.60	ppb
Cobalt	59-2	7.84	7.86	7.79	7.83	0.47	ppb
Copper	63-2	400.78	405.63	407.66	404.69	0.87	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				106		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				95		%
Iron	56-2	367454.59	373128.02	370060.37	370214.33	0.77	ppb
Iron	57-2	367390.29	373979.68	375209.43	372193.14	1.13	ppb
Lead	206-1	44.11	44.04	43.10	43.75	1.29	ppb
Lead	207-1	40.37	40.46	39.91	40.25	0.74	ppb
Lead	208-1	41.94	41.83	41.55	41.78	0.48	ppb
Lithium	6-1				98		%
Magnesium	24-2	121758.52	123023.97	122735.84	122506.11	0.54	ppb
Manganese	55-2	68393.18	69420.40	69423.21	69078.93	0.86	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01	Instrumnet Name :	P7
Client Sample ID :	MH0S17	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 18:15:20	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	172.56	176.59	174.70	174.62	1.15	ppb
Molybdenum	95-1	42.47	43.43	43.52	43.14	1.36	ppb
Molybdenum	96-1	59.56	59.13	59.39	59.36	0.37	ppb
Molybdenum	97-1	41.88	41.83	42.34	42.02	0.68	ppb
Molybdenum	98-1	42.13	42.05	42.34	42.17	0.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	93.30	95.67	96.39	95.12	1.70	ppb
Phosphorus	31-2	3179.79	3111.20	3264.34	3185.11	2.41	ppb
Potassium	39-2	336.60	342.22	339.62	339.48	0.83	ppb
Rhodium	103-1				97		%
Rhodium	103-2				92		%
Scandium	45-1				100		%
Scandium	45-2				93		%
Selenium	77-2	11.13	11.47	7.82	10.14	19.89	ppb
Selenium	78-2	2.79	1.53	1.87	2.06	31.59	ppb
Selenium	82-1	3.11	3.43	3.03	3.19	6.56	ppb
Silicon	28-1	5617.86	5585.96	5664.95	5622.92	0.71	ppb
Silver	109-1	2.26	2.30	2.26	2.28	1.06	ppb
Silver	107-1	2.27	2.29	2.32	2.29	1.03	ppb
Sodium	23-2	516.15	529.44	523.10	522.89	1.27	ppb
Strontium	86-1	819.00	829.00	827.43	825.14	0.65	ppb
Strontium	88-1	842.31	848.22	838.39	842.97	0.59	ppb
Sulfur	34-1	-616.27	-800.16	-515.91	-644.11		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.29	0.26	0.25	0.27	8.25	ppb
Thallium	205-1	0.32	0.28	0.23	0.28	14.91	ppb
Tin	118-1	18.12	18.35	18.42	18.30	0.85	ppb
Titanium	47-1	2773.15	2797.63	2790.26	2787.02	0.45	ppb
Uranium	238-1	1.74	1.78	1.71	1.74	1.90	ppb
Vanadium	51-2	1077.64	1090.89	1091.87	1086.80	0.73	ppb
Yttrium	89-1				105		%
Yttrium	89-2				98		%
Zinc	66-2	1464.76	1490.43	1491.22	1482.14	1.02	ppb
Zirconium	90-1	94.18	94.92	94.43	94.51	0.40	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01	Instrumnet Name :	P7
Client Sample ID :	MH0S17	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 18:15:20	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	95.51	94.61	94.66	94.93	0.54	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-02	Instrumnet Name :	P7
Client Sample ID :	MH0S17D	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 18:18:58	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49385.45	49222.18	49677.02	49428.22	0.47	ppb
Antimony	121-1	1.47	1.53	1.57	1.52	3.26	ppb
Arsenic	75-2	7.30	7.80	7.77	7.63	3.66	ppb
Barium	135-1	1365.34	1378.91	1355.33	1366.52	0.87	ppb
Barium	137-1	1378.08	1387.59	1373.63	1379.76	0.52	ppb
Beryllium	9-1	1.12	1.04	1.06	1.07	3.82	ppb
Bismuth	209-1				99		%
Bismuth	209-2				89		%
Boron	10-1	256.03	262.84	265.22	261.36	1.82	ppb
Boron	11-1	262.55	265.98	267.09	265.21	0.89	ppb
Cadmium	111-1	1.75	1.80	1.69	1.75	2.92	ppb
Cadmium	106-1	18.97	19.28	17.25	18.50	5.91	ppb
Cadmium	108-1	10.44	10.65	10.49	10.53	1.05	ppb
Calcium	43-1	531033.22	529529.07	524085.33	528215.87	0.69	ppb
Calcium	44-1	531211.95	525420.41	528990.17	528540.85	0.55	ppb
Chromium	52-2	11323.73	11259.54	11304.84	11296.04	0.29	ppb
Cobalt	59-2	7.54	7.68	7.71	7.64	1.19	ppb
Copper	63-2	419.34	421.25	424.13	421.57	0.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				94		%
Iron	56-2	379332.46	381685.85	382400.94	381139.75	0.42	ppb
Iron	57-2	380959.24	382773.12	386613.78	383448.71	0.75	ppb
Lead	206-1	53.75	52.22	52.52	52.83	1.54	ppb
Lead	207-1	49.21	48.58	48.03	48.61	1.21	ppb
Lead	208-1	50.96	50.12	50.03	50.37	1.02	ppb
Lithium	6-1				101		%
Magnesium	24-2	124204.10	124585.43	125660.55	124816.69	0.61	ppb
Manganese	55-2	70311.90	70725.11	71153.26	70730.09	0.59	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-02	Instrumnet Name :	P7
Client Sample ID :	MH0S17D	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 18:18:58	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	174.29	175.70	174.27	174.75	0.47	ppb
Molybdenum	95-1	44.22	44.34	43.55	44.04	0.97	ppb
Molybdenum	96-1	61.13	60.35	60.09	60.53	0.90	ppb
Molybdenum	97-1	43.97	43.38	43.49	43.61	0.72	ppb
Molybdenum	98-1	43.15	43.50	43.12	43.26	0.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	93.90	94.08	95.71	94.56	1.05	ppb
Phosphorus	31-2	3233.53	3284.67	3243.19	3253.79	0.83	ppb
Potassium	39-2	336.32	330.14	328.97	331.81	1.19	ppb
Rhodium	103-1				97		%
Rhodium	103-2				91		%
Scandium	45-1				100		%
Scandium	45-2				92		%
Selenium	77-2	14.42	13.97	10.31	12.90	17.47	ppb
Selenium	78-2	2.67	2.38	2.31	2.46	7.81	ppb
Selenium	82-1	3.16	2.72	3.34	3.08	10.49	ppb
Silicon	28-1	5826.12	5783.16	5771.42	5793.57	0.50	ppb
Silver	109-1	2.24	2.26	2.26	2.25	0.59	ppb
Silver	107-1	2.21	2.26	2.21	2.23	1.26	ppb
Sodium	23-2	510.69	512.59	524.11	515.80	1.41	ppb
Strontium	86-1	827.45	834.96	829.93	830.78	0.46	ppb
Strontium	88-1	851.25	854.42	846.22	850.63	0.49	ppb
Sulfur	34-1	671.60	492.89	486.86	550.45	19.07	ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.15	0.14	0.15	0.15	3.54	ppb
Thallium	205-1	0.15	0.13	0.13	0.14	8.52	ppb
Tin	118-1	18.77	18.56	18.75	18.69	0.61	ppb
Titanium	47-1	2848.62	2821.04	2809.67	2826.44	0.71	ppb
Uranium	238-1	1.73	1.77	1.75	1.75	1.29	ppb
Vanadium	51-2	1100.86	1112.20	1108.02	1107.03	0.52	ppb
Yttrium	89-1				106		%
Yttrium	89-2				97		%
Zinc	66-2	1457.56	1459.38	1468.83	1461.93	0.41	ppb
Zirconium	90-1	94.26	94.24	94.42	94.31	0.11	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-02	Instrumnet Name :	P7
Client Sample ID :	MH0S17D	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 18:18:58	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	93.86	95.49	94.46	94.60	0.87	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01LX5	Instrumnet Name :	P7
Client Sample ID :	MH0S17L	Dilution Factor :	5
Date & Time Acquired ::	2018-04-19 18:22:35	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9531.91	9528.80	9525.87	9528.86	0.03	ppb
Antimony	121-1	0.40	0.41	0.49	0.43	11.66	ppb
Arsenic	75-2	1.40	1.53	1.44	1.46	4.61	ppb
Barium	135-1	262.72	261.44	267.42	263.86	1.19	ppb
Barium	137-1	266.10	263.08	268.30	265.83	0.99	ppb
Beryllium	9-1	0.29	0.25	0.24	0.26	9.85	ppb
Bismuth	209-1				104		%
Bismuth	209-2				94		%
Boron	10-1	56.48	58.76	61.42	58.88	4.20	ppb
Boron	11-1	60.09	59.53	59.47	59.69	0.57	ppb
Cadmium	111-1	0.25	0.23	0.33	0.27	19.75	ppb
Cadmium	106-1	2.10	2.02	3.26	2.46	28.30	ppb
Cadmium	108-1	1.75	2.00	2.23	1.99	11.96	ppb
Calcium	43-1	103655.36	101434.92	101388.06	102159.44	1.27	ppb
Calcium	44-1	104278.53	104144.56	103681.77	104034.95	0.30	ppb
Chromium	52-2	2230.86	2212.03	2223.60	2222.16	0.43	ppb
Cobalt	59-2	1.58	1.57	1.62	1.59	1.63	ppb
Copper	63-2	83.78	84.28	85.33	84.46	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				108		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				95		%
Iron	56-2	74712.26	75215.03	75254.22	75060.50	0.40	ppb
Iron	57-2	74242.37	75066.82	75252.52	74853.90	0.72	ppb
Lead	206-1	8.76	8.96	8.75	8.82	1.36	ppb
Lead	207-1	8.11	8.19	8.18	8.16	0.53	ppb
Lead	208-1	8.38	8.42	8.39	8.39	0.26	ppb
Lithium	6-1				100		%
Magnesium	24-2	24705.61	24589.63	24797.04	24697.43	0.42	ppb
Manganese	55-2	13939.15	13926.02	13818.88	13894.68	0.47	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01LX5	Instrumnet Name :	P7
Client Sample ID :	MH0S17L	Dilution Factor :	5
Date & Time Acquired ::	2018-04-19 18:22:35	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	35.91	34.96	34.54	35.14	2.00	ppb
Molybdenum	95-1	8.88	8.72	8.72	8.77	1.09	ppb
Molybdenum	96-1	11.89	11.99	11.93	11.94	0.41	ppb
Molybdenum	97-1	8.25	8.53	8.34	8.37	1.71	ppb
Molybdenum	98-1	8.36	8.55	8.35	8.42	1.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.89	19.39	19.24	19.17	1.34	ppb
Phosphorus	31-2	617.03	646.04	628.75	630.61	2.31	ppb
Potassium	39-2	55.91	69.60	61.49	62.33	11.04	ppb
Rhodium	103-1				102		%
Rhodium	103-2				95		%
Scandium	45-1				100		%
Scandium	45-2				91		%
Selenium	77-2	2.63	2.64	1.40	2.22	32.24	ppb
Selenium	78-2	0.83	0.21	1.05	0.69	62.27	ppb
Selenium	82-1	1.13	0.35	0.55	0.67	59.70	ppb
Silicon	28-1	1111.06	1107.37	1105.35	1107.93	0.26	ppb
Silver	109-1	0.49	0.46	0.46	0.47	3.25	ppb
Silver	107-1	0.51	0.47	0.47	0.48	5.20	ppb
Sodium	23-2	132.72	134.55	135.78	134.35	1.14	ppb
Strontium	86-1	164.92	163.57	163.07	163.85	0.58	ppb
Strontium	88-1	167.04	165.93	166.07	166.35	0.37	ppb
Sulfur	34-1	-1777.89	-1792.62	-1797.95	-1789.48		ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	0.03	0.02	0.01	0.02	32.35	ppb
Thallium	205-1	0.01	0.01	0.02	0.02	39.95	ppb
Tin	118-1	3.75	3.73	3.60	3.69	2.19	ppb
Titanium	47-1	542.76	543.82	538.74	541.77	0.49	ppb
Uranium	238-1	0.33	0.32	0.34	0.33	2.60	ppb
Vanadium	51-2	212.47	216.06	214.56	214.37	0.84	ppb
Yttrium	89-1				105		%
Yttrium	89-2				95		%
Zinc	66-2	314.81	314.48	315.83	315.04	0.22	ppb
Zirconium	90-1	18.71	18.67	18.93	18.77	0.75	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01LX5	Instrumnet Name :	P7
Client Sample ID :	MH0S17L	Dilution Factor :	5
Date & Time Acquired ::	2018-04-19 18:22:35	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	19.03	19.25	19.17	19.15	0.59	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-03	Instrumnet Name :	P7
Client Sample ID :	MH0S17S	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 18:26:09	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48527.47	48684.21	48284.32	48498.67	0.42	ppb
Antimony	121-1	19.43	18.93	19.19	19.18	1.32	ppb
Arsenic	75-2	14.70	14.84	14.35	14.63	1.71	ppb
Barium	135-1	1702.82	1676.52	1693.73	1691.03	0.79	ppb
Barium	137-1	1743.14	1701.67	1726.59	1723.80	1.21	ppb
Beryllium	9-1	10.17	10.22	10.07	10.15	0.76	ppb
Bismuth	209-1				99		%
Bismuth	209-2				90		%
Boron	10-1	256.79	257.75	253.21	255.92	0.93	ppb
Boron	11-1	257.79	258.88	255.00	257.22	0.78	ppb
Cadmium	111-1	10.91	10.26	10.84	10.67	3.36	ppb
Cadmium	106-1	25.71	21.26	25.63	24.20	10.52	ppb
Cadmium	108-1	18.83	19.85	18.19	18.95	4.42	ppb
Calcium	43-1	519251.19	513911.16	519051.63	517404.66	0.59	ppb
Calcium	44-1	519385.31	515846.32	516963.84	517398.49	0.35	ppb
Chromium	52-2	11174.33	11101.07	11120.95	11132.12	0.34	ppb
Cobalt	59-2	105.07	103.81	103.25	104.04	0.89	ppb
Copper	63-2	456.57	454.29	452.86	454.57	0.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				93		%
Iron	56-2	371003.58	371797.40	370802.13	371201.03	0.14	ppb
Iron	57-2	372578.95	371658.18	372818.36	372351.83	0.16	ppb
Lead	206-1	49.10	48.78	48.28	48.72	0.85	ppb
Lead	207-1	45.17	45.44	45.27	45.29	0.30	ppb
Lead	208-1	46.72	46.77	46.40	46.63	0.43	ppb
Lithium	6-1				100		%
Magnesium	24-2	121939.60	122464.62	120981.57	121795.26	0.62	ppb
Manganese	55-2	69341.34	68963.84	69002.58	69102.59	0.30	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-03	Instrumnet Name :	P7
Client Sample ID :	MH0S17S	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 18:26:09	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	167.79	171.43	169.56	169.59	1.07	ppb
Molybdenum	95-1	42.18	42.72	42.08	42.33	0.82	ppb
Molybdenum	96-1	58.30	58.41	57.94	58.21	0.42	ppb
Molybdenum	97-1	41.35	40.66	41.53	41.18	1.12	ppb
Molybdenum	98-1	41.60	41.56	41.44	41.53	0.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	191.64	191.24	190.04	190.97	0.44	ppb
Phosphorus	31-2	3175.11	3199.82	2993.84	3122.92	3.60	ppb
Potassium	39-2	310.36	306.83	315.94	311.04	1.48	ppb
Rhodium	103-1				98		%
Rhodium	103-2				91		%
Scandium	45-1				100		%
Scandium	45-2				91		%
Selenium	77-2	32.32	43.01	32.60	35.97	16.94	ppb
Selenium	78-2	30.00	29.42	27.81	29.08	3.90	ppb
Selenium	82-1	27.88	28.09	27.19	27.72	1.70	ppb
Silicon	28-1	5644.46	5566.51	5616.62	5609.19	0.70	ppb
Silver	109-1	11.25	11.13	11.10	11.16	0.70	ppb
Silver	107-1	11.28	10.85	10.97	11.04	2.02	ppb
Sodium	23-2	489.14	488.78	477.80	485.24	1.33	ppb
Strontium	86-1	806.84	803.41	805.93	805.39	0.22	ppb
Strontium	88-1	823.65	826.27	828.10	826.01	0.27	ppb
Sulfur	34-1	634.43	554.83	503.30	564.19	11.71	ppb
Terbium	159-1				106		%
Terbium	159-2				100		%
Thallium	203-1	9.36	9.41	9.46	9.41	0.55	ppb
Thallium	205-1	9.40	9.52	9.16	9.36	1.98	ppb
Tin	118-1	18.12	17.76	18.07	17.98	1.09	ppb
Titanium	47-1	2752.24	2725.57	2737.92	2738.57	0.49	ppb
Uranium	238-1	1.69	1.77	1.71	1.72	2.35	ppb
Vanadium	51-2	1177.62	1181.44	1175.20	1178.09	0.27	ppb
Yttrium	89-1				106		%
Yttrium	89-2				97		%
Zinc	66-2	1551.06	1560.02	1545.09	1552.06	0.48	ppb
Zirconium	90-1	92.50	91.97	92.31	92.26	0.29	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-03	Instrumnet Name :	P7
Client Sample ID :	MH0S17S	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 18:26:09	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	93.32	92.33	93.32	92.99	0.62	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0S17	Dilution Factor :	2
Date & Time Acquired ::	2018-04-19 18:29:46	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24968.66	24943.16	24780.18	24897.33	0.41	ppb
Antimony	121-1	1.03	1.09	1.11	1.08	3.85	ppb
Arsenic	75-2	3.88	3.87	4.00	3.92	1.88	ppb
Barium	135-1	705.39	706.56	699.99	703.98	0.50	ppb
Barium	137-1	706.96	713.73	706.03	708.91	0.59	ppb
Beryllium	9-1	0.74	0.77	0.66	0.72	7.97	ppb
Bismuth	209-1				102		%
Bismuth	209-2				91		%
Boron	10-1	141.42	139.35	143.42	141.40	1.44	ppb
Boron	11-1	140.90	141.89	145.15	142.65	1.56	ppb
Cadmium	111-1	1.02	0.89	0.94	0.95	6.87	ppb
Cadmium	106-1	9.49	8.09	8.79	8.79	7.96	ppb
Cadmium	108-1	5.21	5.67	6.03	5.64	7.27	ppb
Calcium	43-1	273259.51	271762.16	268546.98	271189.55	0.89	ppb
Calcium	44-1	274133.50	272916.51	271115.35	272721.79	0.56	ppb
Chromium	52-2	5896.57	5845.57	5907.10	5883.08	0.56	ppb
Cobalt	59-2	5.47	5.14	5.36	5.33	3.15	ppb
Copper	63-2	217.81	217.23	219.05	218.03	0.43	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				107		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				93		%
Iron	56-2	198813.47	196155.99	197611.53	197527.00	0.67	ppb
Iron	57-2	200295.00	197666.09	198832.19	198931.09	0.66	ppb
Lead	206-1	22.59	22.41	22.53	22.51	0.42	ppb
Lead	207-1	20.95	20.77	21.26	20.99	1.20	ppb
Lead	208-1	21.54	21.32	21.66	21.51	0.79	ppb
Lithium	6-1				97		%
Magnesium	24-2	64852.52	64021.43	64295.45	64389.80	0.66	ppb
Manganese	55-2	36778.92	36587.96	36649.37	36672.09	0.27	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0S17	Dilution Factor :	2
Date & Time Acquired ::	2018-04-19 18:29:46	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	91.26	92.11	91.60	91.66	0.47	ppb
Molybdenum	95-1	22.57	22.37	23.08	22.67	1.62	ppb
Molybdenum	96-1	30.92	30.70	31.44	31.02	1.22	ppb
Molybdenum	97-1	21.59	22.22	22.19	22.00	1.62	ppb
Molybdenum	98-1	22.16	22.22	22.40	22.26	0.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.92	51.17	52.32	51.81	1.12	ppb
Phosphorus	31-2	1657.05	1643.43	1585.83	1628.77	2.32	ppb
Potassium	39-2	161.95	157.91	152.51	157.46	3.01	ppb
Rhodium	103-1				100		%
Rhodium	103-2				92		%
Scandium	45-1				100		%
Scandium	45-2				90		%
Selenium	77-2	4.80	2.65	4.30	3.91	28.67	ppb
Selenium	78-2	2.19	0.72	1.46	1.45	50.56	ppb
Selenium	82-1	1.37	2.29	2.51	2.06	29.43	ppb
Silicon	28-1	2948.72	2945.98	2942.96	2945.88	0.10	ppb
Silver	109-1	1.31	1.34	1.29	1.31	1.71	ppb
Silver	107-1	1.31	1.31	1.35	1.32	1.69	ppb
Sodium	23-2	265.60	261.16	261.61	262.79	0.93	ppb
Strontium	86-1	425.82	431.00	434.72	430.51	1.04	ppb
Strontium	88-1	439.63	444.66	450.80	445.03	1.26	ppb
Sulfur	34-1	-890.63	-965.31	-1166.35	-1007.43		ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	0.16	0.17	0.14	0.16	8.47	ppb
Thallium	205-1	0.14	0.15	0.14	0.14	4.89	ppb
Tin	118-1	9.64	9.80	9.31	9.58	2.58	ppb
Titanium	47-1	1443.26	1426.21	1424.03	1431.17	0.74	ppb
Uranium	238-1	0.88	0.90	0.89	0.89	1.20	ppb
Vanadium	51-2	567.75	568.60	570.82	569.06	0.28	ppb
Yttrium	89-1				105		%
Yttrium	89-2				95		%
Zinc	66-2	805.82	801.49	801.75	803.02	0.30	ppb
Zirconium	90-1	49.56	49.71	49.77	49.68	0.22	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0S17	Dilution Factor :	2
Date & Time Acquired ::	2018-04-19 18:29:46	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	49.65	50.64	50.27	50.19	1.00	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-02DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0S17D	Dilution Factor :	2
Date & Time Acquired ::	2018-04-19 18:33:22	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23814.41	23689.64	23629.18	23711.08	0.40	ppb
Antimony	121-1	0.70	0.75	0.77	0.74	4.61	ppb
Arsenic	75-2	4.02	3.82	3.62	3.82	5.24	ppb
Barium	135-1	659.69	666.28	671.99	665.99	0.92	ppb
Barium	137-1	663.83	665.28	674.46	667.86	0.86	ppb
Beryllium	9-1	0.59	0.53	0.61	0.58	7.82	ppb
Bismuth	209-1				102		%
Bismuth	209-2				91		%
Boron	10-1	132.03	133.21	135.85	133.69	1.46	ppb
Boron	11-1	133.45	135.95	137.83	135.74	1.62	ppb
Cadmium	111-1	0.83	0.90	0.83	0.85	5.07	ppb
Cadmium	106-1	9.24	9.68	8.33	9.09	7.58	ppb
Cadmium	108-1	5.86	5.40	5.26	5.51	5.66	ppb
Calcium	43-1	258623.37	259016.71	260331.61	259323.90	0.34	ppb
Calcium	44-1	257044.17	259539.88	258876.72	258486.92	0.50	ppb
Chromium	52-2	5554.70	5598.64	5586.62	5579.98	0.41	ppb
Cobalt	59-2	3.87	3.85	3.86	3.86	0.29	ppb
Copper	63-2	213.51	214.36	216.22	214.69	0.65	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				101		%
Indium	115-1				103		%
Indium	115-2				94		%
Iron	56-2	191446.85	190319.15	190010.03	190592.01	0.40	ppb
Iron	57-2	191566.47	193090.18	192465.24	192373.97	0.40	ppb
Lead	206-1	27.12	26.80	27.21	27.05	0.80	ppb
Lead	207-1	25.03	25.06	25.35	25.14	0.70	ppb
Lead	208-1	26.04	25.83	25.90	25.92	0.42	ppb
Lithium	6-1				95		%
Magnesium	24-2	61566.15	61687.45	61637.12	61630.24	0.10	ppb
Manganese	55-2	35324.61	35321.63	35139.75	35262.00	0.30	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-02DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0S17D	Dilution Factor :	2
Date & Time Acquired ::	2018-04-19 18:33:22	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	85.71	86.01	85.44	85.72	0.33	ppb
Molybdenum	95-1	22.30	22.10	21.66	22.02	1.49	ppb
Molybdenum	96-1	29.86	29.98	29.76	29.87	0.38	ppb
Molybdenum	97-1	21.28	21.28	21.66	21.40	1.02	ppb
Molybdenum	98-1	21.60	21.44	21.48	21.51	0.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	47.17	47.22	47.18	47.19	0.06	ppb
Phosphorus	31-2	1618.33	1579.31	1586.36	1594.67	1.30	ppb
Potassium	39-2	146.54	150.61	150.95	149.37	1.64	ppb
Rhodium	103-1				100		%
Rhodium	103-2				93		%
Scandium	45-1				99		%
Scandium	45-2				91		%
Selenium	77-2	5.15	5.14	3.87	4.72	15.64	ppb
Selenium	78-2	1.13	0.85	1.44	1.14	25.88	ppb
Selenium	82-1	1.89	1.51	2.17	1.85	17.75	ppb
Silicon	28-1	2836.43	2886.97	2833.19	2852.20	1.06	ppb
Silver	109-1	1.02	1.12	1.12	1.09	5.13	ppb
Silver	107-1	1.09	1.06	1.06	1.07	1.81	ppb
Sodium	23-2	253.38	256.46	251.14	253.66	1.05	ppb
Strontium	86-1	408.18	404.78	406.30	406.42	0.42	ppb
Strontium	88-1	421.94	420.32	422.07	421.44	0.23	ppb
Sulfur	34-1	-1029.18	-1003.23	-1030.35	-1020.92		ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	0.01	0.01	0.02	0.01	43.50	ppb
Thallium	205-1	0.01	0.01	0.02	0.01	21.69	ppb
Tin	118-1	9.29	9.29	9.38	9.32	0.58	ppb
Titanium	47-1	1369.89	1369.29	1366.20	1368.46	0.14	ppb
Uranium	238-1	0.84	0.84	0.85	0.84	0.56	ppb
Vanadium	51-2	538.98	539.99	540.23	539.73	0.12	ppb
Yttrium	89-1				105		%
Yttrium	89-2				95		%
Zinc	66-2	730.08	732.50	735.00	732.53	0.34	ppb
Zirconium	90-1	46.16	46.22	45.73	46.03	0.58	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-02DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0S17D	Dilution Factor :	2
Date & Time Acquired ::	2018-04-19 18:33:22	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	46.99	47.44	45.80	46.75	1.82	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01LDLX10	Instrumnet Name :	P7
Client Sample ID :	MH0S17L	Dilution Factor :	10
Date & Time Acquired ::	2018-04-19 18:36:58	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4997.00	4955.15	4929.28	4960.47	0.69	ppb
Antimony	121-1	0.22	0.25	0.27	0.25	8.76	ppb
Arsenic	75-2	0.90	0.76	0.77	0.81	9.95	ppb
Barium	135-1	139.16	139.97	138.55	139.23	0.51	ppb
Barium	137-1	138.76	137.61	141.32	139.23	1.36	ppb
Beryllium	9-1	0.21	0.18	0.19	0.19	7.70	ppb
Bismuth	209-1				105		%
Bismuth	209-2				94		%
Boron	10-1	32.90	33.45	34.36	33.57	2.20	ppb
Boron	11-1	33.01	34.02	34.02	33.68	1.74	ppb
Cadmium	111-1	0.23	0.16	0.15	0.18	23.62	ppb
Cadmium	106-1	2.46	1.55	0.62	1.54	59.45	ppb
Cadmium	108-1	1.35	1.24	0.85	1.14	22.97	ppb
Calcium	43-1	53559.80	53350.65	53476.10	53462.18	0.20	ppb
Calcium	44-1	54493.88	54265.92	54339.03	54366.28	0.21	ppb
Chromium	52-2	1167.92	1156.76	1159.62	1161.43	0.50	ppb
Cobalt	59-2	1.08	1.11	1.09	1.10	1.28	ppb
Copper	63-2	45.17	45.01	45.03	45.07	0.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				100		%
Indium	115-1				104		%
Indium	115-2				94		%
Iron	56-2	39922.82	39558.69	39484.93	39655.48	0.59	ppb
Iron	57-2	39051.13	38709.69	38996.09	38918.97	0.47	ppb
Lead	206-1	4.78	4.74	4.68	4.73	1.10	ppb
Lead	207-1	4.44	4.46	4.35	4.42	1.34	ppb
Lead	208-1	4.56	4.55	4.56	4.56	0.05	ppb
Lithium	6-1				94		%
Magnesium	24-2	12944.15	12826.45	12823.28	12864.63	0.54	ppb
Manganese	55-2	7426.00	7292.40	7297.76	7338.72	1.03	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01LDLX10	Instrumnet Name :	P7
Client Sample ID :	MH0S17L	Dilution Factor :	10
Date & Time Acquired ::	2018-04-19 18:36:58	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	18.19	17.67	17.96	17.94	1.45	ppb
Molybdenum	95-1	4.50	4.43	4.61	4.51	2.06	ppb
Molybdenum	96-1	6.25	6.35	6.32	6.31	0.85	ppb
Molybdenum	97-1	4.57	4.31	4.58	4.49	3.49	ppb
Molybdenum	98-1	4.45	4.36	4.51	4.44	1.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.09	10.76	10.49	10.78	2.78	ppb
Phosphorus	31-2	314.75	338.86	339.35	330.99	4.25	ppb
Potassium	39-2	35.95	36.91	29.95	34.27	11.00	ppb
Rhodium	103-1				102		%
Rhodium	103-2				95		%
Scandium	45-1				98		%
Scandium	45-2				90		%
Selenium	77-2	0.56	0.58	0.59	0.58	1.75	ppb
Selenium	78-2	0.48	0.47	0.23	0.39	35.48	ppb
Selenium	82-1	0.69	0.58	0.52	0.60	14.63	ppb
Silicon	28-1	572.36	746.58	579.45	632.80	15.58	ppb
Silver	109-1	0.25	0.29	0.25	0.26	8.63	ppb
Silver	107-1	0.24	0.28	0.31	0.27	13.11	ppb
Sodium	23-2	73.58	74.37	77.77	75.24	2.96	ppb
Strontium	86-1	85.61	86.21	85.89	85.90	0.35	ppb
Strontium	88-1	86.40	85.99	86.33	86.24	0.25	ppb
Sulfur	34-1	-2002.67	-1830.11	-1887.63	-1906.80		ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	0.02	0.02	0.01	0.02	33.67	ppb
Thallium	205-1	0.02	0.01	0.02	0.02	31.00	ppb
Tin	118-1	1.97	1.91	1.97	1.95	1.92	ppb
Titanium	47-1	285.63	281.41	280.76	282.60	0.94	ppb
Uranium	238-1	0.18	0.17	0.16	0.17	3.62	ppb
Vanadium	51-2	112.50	112.15	111.42	112.02	0.49	ppb
Yttrium	89-1				104		%
Yttrium	89-2				94		%
Zinc	66-2	166.97	166.71	168.84	167.51	0.69	ppb
Zirconium	90-1	9.80	9.84	9.77	9.80	0.35	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01LDLX10	Instrumnet Name :	P7
Client Sample ID :	MH0S17L	Dilution Factor :	10
Date & Time Acquired ::	2018-04-19 18:36:58	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	9.95	9.62	9.96	9.84	1.97	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-03DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0S17S	Dilution Factor :	2
Date & Time Acquired ::	2018-04-19 18:40:31	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23588.09	23431.63	23491.15	23503.62	0.34	ppb
Antimony	121-1	9.32	9.72	9.84	9.63	2.83	ppb
Arsenic	75-2	7.70	7.57	7.34	7.53	2.39	ppb
Barium	135-1	829.91	837.36	849.55	838.94	1.18	ppb
Barium	137-1	840.28	850.09	857.14	849.17	1.00	ppb
Beryllium	9-1	5.35	5.29	5.00	5.21	3.58	ppb
Bismuth	209-1				101		%
Bismuth	209-2				91		%
Boron	10-1	134.43	134.31	132.48	133.74	0.81	ppb
Boron	11-1	132.14	131.74	133.22	132.37	0.58	ppb
Cadmium	111-1	5.60	5.71	5.37	5.56	3.12	ppb
Cadmium	106-1	13.27	16.09	11.06	13.47	18.70	ppb
Cadmium	108-1	9.43	10.07	8.73	9.41	7.12	ppb
Calcium	43-1	253265.17	256098.56	255663.59	255009.11	0.60	ppb
Calcium	44-1	255146.41	257341.38	257016.31	256501.37	0.46	ppb
Chromium	52-2	5592.62	5537.45	5509.00	5546.36	0.77	ppb
Cobalt	59-2	51.89	52.69	52.35	52.31	0.77	ppb
Copper	63-2	231.99	234.87	235.20	234.02	0.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				92		%
Iron	56-2	187498.51	187324.62	185974.97	186932.70	0.45	ppb
Iron	57-2	188293.64	188998.55	187674.73	188322.30	0.35	ppb
Lead	206-1	26.46	26.65	26.13	26.41	0.99	ppb
Lead	207-1	24.39	24.87	24.03	24.43	1.74	ppb
Lead	208-1	25.22	25.51	24.94	25.22	1.13	ppb
Lithium	6-1				95		%
Magnesium	24-2	61103.07	60776.43	60377.53	60752.34	0.60	ppb
Manganese	55-2	34777.09	34489.33	34472.45	34579.62	0.50	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-03DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0S17S	Dilution Factor :	2
Date & Time Acquired ::	2018-04-19 18:40:31	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	85.06	84.66	84.26	84.66	0.47	ppb
Molybdenum	95-1	21.65	21.10	21.46	21.40	1.31	ppb
Molybdenum	96-1	29.21	29.52	29.29	29.34	0.56	ppb
Molybdenum	97-1	20.84	20.77	20.84	20.82	0.20	ppb
Molybdenum	98-1	20.75	21.08	21.01	20.95	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	96.79	97.09	95.59	96.49	0.82	ppb
Phosphorus	31-2	1557.59	1561.03	1596.97	1571.86	1.39	ppb
Potassium	39-2	156.72	147.21	157.67	153.86	3.76	ppb
Rhodium	103-1				100		%
Rhodium	103-2				92		%
Scandium	45-1				99		%
Scandium	45-2				89		%
Selenium	77-2	17.81	20.18	16.19	18.06	11.11	ppb
Selenium	78-2	13.38	11.57	14.22	13.06	10.37	ppb
Selenium	82-1	14.93	14.62	14.59	14.72	1.27	ppb
Silicon	28-1	2805.30	2802.20	2769.70	2792.40	0.71	ppb
Silver	109-1	5.49	5.69	5.58	5.59	1.77	ppb
Silver	107-1	5.48	5.65	5.63	5.58	1.68	ppb
Sodium	23-2	244.44	242.12	243.48	243.34	0.48	ppb
Strontium	86-1	403.50	404.12	402.71	403.44	0.18	ppb
Strontium	88-1	413.81	415.68	416.55	415.35	0.34	ppb
Sulfur	34-1	-773.18	-742.22	-749.73	-755.04		ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	4.60	4.55	4.52	4.56	0.87	ppb
Thallium	205-1	4.54	4.59	4.49	4.54	1.12	ppb
Tin	118-1	9.07	9.03	9.25	9.12	1.30	ppb
Titanium	47-1	1337.85	1352.50	1350.99	1347.11	0.60	ppb
Uranium	238-1	0.79	0.86	0.77	0.81	5.83	ppb
Vanadium	51-2	581.68	581.12	580.43	581.08	0.11	ppb
Yttrium	89-1				104		%
Yttrium	89-2				94		%
Zinc	66-2	782.08	802.41	790.77	791.75	1.29	ppb
Zirconium	90-1	45.28	45.79	45.59	45.55	0.57	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-03DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0S17S	Dilution Factor :	2
Date & Time Acquired ::	2018-04-19 18:40:31	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	45.98	46.62	46.34	46.31	0.69	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01DL2X20	Instrumnet Name :	P7
Client Sample ID :	MH0S17	Dilution Factor :	20
Date & Time Acquired ::	2018-04-19 18:44:05	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2541.30	2558.95	2530.80	2543.68	0.56	ppb
Antimony	121-1	0.15	0.18	0.20	0.18	13.42	ppb
Arsenic	75-2	0.47	0.39	0.44	0.43	9.83	ppb
Barium	135-1	71.14	71.67	69.79	70.87	1.37	ppb
Barium	137-1	72.06	70.86	71.49	71.47	0.84	ppb
Beryllium	9-1	0.11	0.10	0.11	0.11	2.42	ppb
Bismuth	209-1				106		%
Bismuth	209-2				94		%
Boron	10-1	18.61	19.08	18.38	18.69	1.92	ppb
Boron	11-1	19.39	19.00	18.64	19.01	1.98	ppb
Cadmium	111-1	0.01	0.04	0.05	0.03	58.37	ppb
Cadmium	106-1	-0.26	0.01	0.38	0.05	710.02	ppb
Cadmium	108-1	0.62	0.60	0.97	0.73	28.78	ppb
Calcium	43-1	27372.07	27313.47	27362.26	27349.27	0.11	ppb
Calcium	44-1	27757.84	28095.34	27920.98	27924.72	0.60	ppb
Chromium	52-2	590.14	598.30	597.94	595.46	0.77	ppb
Cobalt	59-2	0.54	0.61	0.54	0.56	6.84	ppb
Copper	63-2	22.91	23.00	23.36	23.09	1.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				100		%
Indium	115-1				104		%
Indium	115-2				94		%
Iron	56-2	20283.99	20596.40	20472.70	20451.03	0.77	ppb
Iron	57-2	19728.48	20263.81	20016.31	20002.86	1.34	ppb
Lead	206-1	2.65	2.66	2.64	2.65	0.44	ppb
Lead	207-1	2.35	2.45	2.48	2.43	2.82	ppb
Lead	208-1	2.50	2.51	2.51	2.51	0.21	ppb
Lithium	6-1				95		%
Magnesium	24-2	6565.65	6564.81	6571.88	6567.45	0.06	ppb
Manganese	55-2	3738.77	3799.61	3801.97	3780.12	0.95	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01DL2X20	Instrumnet Name :	P7
Client Sample ID :	MH0S17	Dilution Factor :	20
Date & Time Acquired ::	2018-04-19 18:44:05	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	9.75	9.82	10.07	9.88	1.68	ppb
Molybdenum	95-1	3.21	3.23	3.16	3.20	1.03	ppb
Molybdenum	96-1	4.12	4.08	3.95	4.05	2.25	ppb
Molybdenum	97-1	3.31	3.11	3.16	3.19	3.27	ppb
Molybdenum	98-1	3.17	3.20	3.18	3.18	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.52	5.55	5.56	5.54	0.45	ppb
Phosphorus	31-2	153.08	201.53	154.96	169.85	16.16	ppb
Potassium	39-2	8.19	12.94	17.68	12.94	36.70	ppb
Rhodium	103-1				104		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				89		%
Selenium	77-2	-0.26	0.16	0.16	0.02	1474.98	ppb
Selenium	78-2	-0.15	-0.65	-1.00	-0.60		ppb
Selenium	82-1	0.89	0.04	0.91	0.61	81.17	ppb
Silicon	28-1	367.52	367.42	370.30	368.41	0.44	ppb
Silver	109-1	0.17	0.17	0.18	0.17	1.52	ppb
Silver	107-1	0.19	0.16	0.17	0.18	7.87	ppb
Sodium	23-2	46.87	47.34	49.50	47.90	2.92	ppb
Strontium	86-1	44.42	43.43	43.55	43.80	1.23	ppb
Strontium	88-1	44.73	44.24	44.22	44.40	0.65	ppb
Sulfur	34-1	-2049.56	-1921.18	-2102.15	-2024.30		ppb
Terbium	159-1				106		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.01	-0.01	0.00	368.31	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	274.04	ppb
Tin	118-1	1.88	2.09	1.92	1.96	5.65	ppb
Titanium	47-1	147.44	145.06	145.72	146.07	0.84	ppb
Uranium	238-1	0.10	0.09	0.08	0.09	8.87	ppb
Vanadium	51-2	57.26	57.91	58.34	57.84	0.94	ppb
Yttrium	89-1				104		%
Yttrium	89-2				94		%
Zinc	66-2	85.92	87.18	87.28	86.79	0.87	ppb
Zirconium	90-1	5.09	5.09	5.06	5.08	0.29	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01DL2X20	Instrumnet Name :	P7
Client Sample ID :	MH0S17	Dilution Factor :	20
Date & Time Acquired ::	2018-04-19 18:44:05	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	5.42	4.84	5.02	5.09	5.90	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-02DL2X20	Instrumnet Name :	P7
Client Sample ID :	MH0S17D	Dilution Factor :	20
Date & Time Acquired ::	2018-04-19 18:47:38	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2429.19	2405.13	2434.93	2423.08	0.65	ppb
Antimony	121-1	0.09	0.10	0.11	0.10	5.71	ppb
Arsenic	75-2	0.48	0.43	0.31	0.41	22.14	ppb
Barium	135-1	67.52	68.03	67.56	67.70	0.42	ppb
Barium	137-1	66.58	68.17	68.30	67.68	1.41	ppb
Beryllium	9-1	0.10	0.10	0.09	0.10	8.48	ppb
Bismuth	209-1				105		%
Bismuth	209-2				94		%
Boron	10-1	15.85	17.21	16.44	16.50	4.13	ppb
Boron	11-1	16.69	17.54	17.04	17.09	2.52	ppb
Cadmium	111-1	0.02	0.05	0.07	0.04	57.18	ppb
Cadmium	106-1	-0.32	0.31	0.41	0.13	292.71	ppb
Cadmium	108-1	0.32	0.60	0.58	0.50	30.66	ppb
Calcium	43-1	25958.02	26270.46	26490.91	26239.80	1.02	ppb
Calcium	44-1	26596.03	26714.33	26821.16	26710.50	0.42	ppb
Chromium	52-2	561.22	561.70	566.51	563.14	0.52	ppb
Cobalt	59-2	0.42	0.39	0.35	0.38	8.79	ppb
Copper	63-2	22.36	22.88	22.39	22.54	1.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				100		%
Indium	115-1				104		%
Indium	115-2				94		%
Iron	56-2	19694.91	19754.59	19718.54	19722.68	0.15	ppb
Iron	57-2	19375.45	19328.61	19341.24	19348.43	0.13	ppb
Lead	206-1	2.95	2.90	3.00	2.95	1.78	ppb
Lead	207-1	2.72	2.69	2.77	2.73	1.48	ppb
Lead	208-1	2.81	2.82	2.89	2.84	1.45	ppb
Lithium	6-1				95		%
Magnesium	24-2	6270.40	6283.70	6305.24	6286.45	0.28	ppb
Manganese	55-2	3626.55	3639.34	3624.21	3630.03	0.22	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-02DL2X20	Instrumnet Name :	P7
Client Sample ID :	MH0S17D	Dilution Factor :	20
Date & Time Acquired ::	2018-04-19 18:47:38	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	8.46	8.92	8.94	8.77	3.10	ppb
Molybdenum	95-1	2.16	2.22	2.48	2.29	7.38	ppb
Molybdenum	96-1	3.23	3.13	3.12	3.16	1.91	ppb
Molybdenum	97-1	2.20	2.17	2.37	2.25	4.73	ppb
Molybdenum	98-1	2.25	2.27	2.28	2.26	0.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.99	5.10	4.64	4.91	4.88	ppb
Phosphorus	31-2	164.94	137.30	189.39	163.88	15.90	ppb
Potassium	39-2	13.89	10.88	14.89	13.22	15.81	ppb
Rhodium	103-1				102		%
Rhodium	103-2				95		%
Scandium	45-1				98		%
Scandium	45-2				89		%
Selenium	77-2	0.59	-0.26	-0.26	0.02	2550.29	ppb
Selenium	78-2	-0.76	0.75	0.37	0.12	655.21	ppb
Selenium	82-1	0.25	-0.40	0.23	0.03	1354.90	ppb
Silicon	28-1	356.49	361.20	361.80	359.83	0.81	ppb
Silver	109-1	0.12	0.15	0.13	0.13	12.20	ppb
Silver	107-1	0.11	0.12	0.14	0.12	12.66	ppb
Sodium	23-2	44.60	43.57	43.08	43.75	1.78	ppb
Strontium	86-1	41.41	42.23	42.26	41.97	1.15	ppb
Strontium	88-1	42.31	42.25	42.69	42.42	0.56	ppb
Sulfur	34-1	-1745.29	-1888.50	-1667.98	-1767.26		ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	0.00	-0.02	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.97	0.94	1.06	0.99	6.37	ppb
Titanium	47-1	140.20	139.53	138.09	139.27	0.77	ppb
Uranium	238-1	0.08	0.09	0.09	0.09	4.24	ppb
Vanadium	51-2	54.29	54.85	54.97	54.70	0.66	ppb
Yttrium	89-1				103		%
Yttrium	89-2				94		%
Zinc	66-2	78.87	79.45	79.22	79.18	0.37	ppb
Zirconium	90-1	4.61	4.77	4.74	4.70	1.75	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-02DL2X20	Instrumnet Name :	P7
Client Sample ID :	MH0S17D	Dilution Factor :	20
Date & Time Acquired ::	2018-04-19 18:47:38	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	4.49	4.75	4.58	4.61	2.97	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01LDL2X100	Instrumnet Name :	P7
Client Sample ID :	MH0S17L	Dilution Factor :	100
Date & Time Acquired ::	2018-04-19 18:51:11	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	506.25	522.57	515.83	514.88	1.59	ppb
Antimony	121-1	0.05	0.05	0.05	0.05	6.18	ppb
Arsenic	75-2	0.04	0.12	0.11	0.09	47.22	ppb
Barium	135-1	14.34	14.44	13.92	14.23	1.95	ppb
Barium	137-1	14.51	14.16	14.07	14.25	1.62	ppb
Beryllium	9-1	0.05	0.06	0.02	0.04	46.47	ppb
Bismuth	209-1				105		%
Bismuth	209-2				95		%
Boron	10-1	5.94	5.71	5.09	5.58	7.90	ppb
Boron	11-1	5.46	5.37	5.95	5.60	5.60	ppb
Cadmium	111-1	-0.15	-0.09	-0.12	-0.12		ppb
Cadmium	106-1	-2.01	-1.17	-1.69	-1.62		ppb
Cadmium	108-1	0.08	0.22	0.11	0.13	53.92	ppb
Calcium	43-1	5502.02	5560.41	5543.61	5535.35	0.54	ppb
Calcium	44-1	5533.41	5492.53	5495.77	5507.24	0.41	ppb
Chromium	52-2	117.39	117.61	117.63	117.55	0.11	ppb
Cobalt	59-2	0.11	0.12	0.08	0.10	17.56	ppb
Copper	63-2	4.63	4.57	4.69	4.63	1.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				100		%
Indium	115-1				104		%
Indium	115-2				95		%
Iron	56-2	4084.20	4076.58	4055.73	4072.17	0.36	ppb
Iron	57-2	3932.50	3970.27	3972.04	3958.27	0.56	ppb
Lead	206-1	0.54	0.57	0.59	0.57	4.62	ppb
Lead	207-1	0.57	0.50	0.50	0.52	7.13	ppb
Lead	208-1	0.56	0.54	0.55	0.55	1.67	ppb
Lithium	6-1				95		%
Magnesium	24-2	1329.39	1310.22	1325.60	1321.74	0.77	ppb
Manganese	55-2	746.63	743.16	742.80	744.19	0.28	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01LDL2X100	Instrumnet Name :	P7
Client Sample ID :	MH0S17L	Dilution Factor :	100
Date & Time Acquired ::	2018-04-19 18:51:11	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.10	2.16	1.92	2.06	6.07	ppb
Molybdenum	95-1	0.73	0.69	0.72	0.71	3.11	ppb
Molybdenum	96-1	0.96	0.87	0.87	0.90	5.61	ppb
Molybdenum	97-1	0.66	0.66	0.67	0.67	1.02	ppb
Molybdenum	98-1	0.64	0.68	0.70	0.67	4.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.12	1.10	1.12	1.11	1.25	ppb
Phosphorus	31-2	4.68	17.87	12.64	11.73	56.66	ppb
Potassium	39-2	3.21	3.10	0.19	2.17	78.92	ppb
Rhodium	103-1				102		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				92		%
Selenium	77-2	0.16	-0.26	-0.26	-0.12		ppb
Selenium	78-2	0.83	-0.15	0.19	0.29	171.75	ppb
Selenium	82-1	0.26	0.44	0.20	0.30	41.19	ppb
Silicon	28-1	63.04	60.49	64.80	62.78	3.45	ppb
Silver	109-1	0.03	0.05	0.05	0.05	25.82	ppb
Silver	107-1	0.04	0.05	0.06	0.05	23.58	ppb
Sodium	23-2	26.24	22.91	25.14	24.76	6.86	ppb
Strontium	86-1	8.86	8.97	8.65	8.82	1.87	ppb
Strontium	88-1	8.87	8.87	9.03	8.92	1.02	ppb
Sulfur	34-1	-1606.51	-1708.92	-1567.99	-1627.81		ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.01	0.01	0.01	109.86	ppb
Thallium	205-1	0.00	-0.01	0.00	0.00		ppb
Tin	118-1	0.42	0.49	0.48	0.46	8.63	ppb
Titanium	47-1	30.48	29.38	30.16	30.01	1.89	ppb
Uranium	238-1	0.02	0.01	0.02	0.02	11.12	ppb
Vanadium	51-2	11.36	11.56	11.63	11.52	1.21	ppb
Yttrium	89-1				102		%
Yttrium	89-2				95		%
Zinc	66-2	17.53	17.63	17.29	17.48	0.98	ppb
Zirconium	90-1	0.98	1.02	1.04	1.01	3.15	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01LDL2X100	Instrumnet Name :	P7
Client Sample ID :	MH0S17L	Dilution Factor :	100
Date & Time Acquired ::	2018-04-19 18:51:11	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.01	1.12	1.01	1.05	5.83	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-03DL2X20	Instrumnet Name :	P7
Client Sample ID :	MH0S17S	Dilution Factor :	20
Date & Time Acquired ::	2018-04-19 18:54:44	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2489.19	2477.00	2471.01	2479.07	0.37	ppb
Antimony	121-1	1.01	1.02	1.02	1.02	0.70	ppb
Arsenic	75-2	0.87	0.89	0.76	0.84	8.43	ppb
Barium	135-1	86.61	86.20	87.13	86.65	0.54	ppb
Barium	137-1	86.40	86.37	85.55	86.11	0.56	ppb
Beryllium	9-1	0.54	0.59	0.55	0.56	5.13	ppb
Bismuth	209-1				106		%
Bismuth	209-2				94		%
Boron	10-1	15.41	13.71	16.62	15.25	9.60	ppb
Boron	11-1	15.36	15.93	15.19	15.49	2.50	ppb
Cadmium	111-1	0.49	0.57	0.37	0.48	21.16	ppb
Cadmium	106-1	0.26	1.18	-1.30	0.05	2725.11	ppb
Cadmium	108-1	1.39	1.28	1.17	1.28	8.71	ppb
Calcium	43-1	26062.92	26074.24	26020.28	26052.48	0.11	ppb
Calcium	44-1	26791.19	26735.99	26638.49	26721.89	0.29	ppb
Chromium	52-2	565.56	557.94	562.98	562.16	0.69	ppb
Cobalt	59-2	5.53	5.58	5.53	5.55	0.47	ppb
Copper	63-2	25.12	24.84	24.90	24.95	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				107		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				94		%
Iron	56-2	19639.96	19496.29	19495.17	19543.81	0.43	ppb
Iron	57-2	19207.29	19104.09	19119.71	19143.70	0.29	ppb
Lead	206-1	2.84	2.88	2.88	2.87	0.82	ppb
Lead	207-1	2.67	2.82	2.73	2.74	2.84	ppb
Lead	208-1	2.77	2.85	2.80	2.81	1.41	ppb
Lithium	6-1				97		%
Magnesium	24-2	6374.91	6352.22	6321.12	6349.42	0.43	ppb
Manganese	55-2	3646.57	3607.20	3587.03	3613.60	0.84	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-03DL2X20	Instrumnet Name :	P7
Client Sample ID :	MH0S17S	Dilution Factor :	20
Date & Time Acquired ::	2018-04-19 18:54:44	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	8.87	9.01	8.66	8.85	2.00	ppb
Molybdenum	95-1	2.21	2.25	2.22	2.23	0.82	ppb
Molybdenum	96-1	2.92	3.16	3.09	3.06	4.08	ppb
Molybdenum	97-1	2.13	2.26	2.17	2.19	3.08	ppb
Molybdenum	98-1	2.14	2.10	2.31	2.19	5.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.43	10.28	10.36	10.36	0.72	ppb
Phosphorus	31-2	113.92	149.17	164.16	142.42	18.11	ppb
Potassium	39-2	6.63	10.33	11.47	9.47	26.67	ppb
Rhodium	103-1				103		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				91		%
Selenium	77-2	1.00	1.82	0.99	1.27	37.26	ppb
Selenium	78-2	1.76	1.62	0.82	1.40	36.12	ppb
Selenium	82-1	0.97	1.56	1.67	1.40	27.12	ppb
Silicon	28-1	368.29	355.08	357.40	360.26	1.96	ppb
Silver	109-1	0.64	0.65	0.58	0.62	5.49	ppb
Silver	107-1	0.61	0.60	0.60	0.61	1.28	ppb
Sodium	23-2	43.45	44.49	42.51	43.49	2.28	ppb
Strontium	86-1	41.38	42.28	42.98	42.21	1.90	ppb
Strontium	88-1	41.76	42.54	42.43	42.24	1.00	ppb
Sulfur	34-1	-1735.28	-1889.61	-1881.80	-1835.56		ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	0.45	0.41	0.45	0.44	5.79	ppb
Thallium	205-1	0.44	0.45	0.44	0.45	1.17	ppb
Tin	118-1	0.97	1.00	0.87	0.94	7.26	ppb
Titanium	47-1	136.39	139.13	138.01	137.85	1.00	ppb
Uranium	238-1	0.08	0.08	0.09	0.08	7.46	ppb
Vanadium	51-2	59.98	59.94	60.08	60.00	0.12	ppb
Yttrium	89-1				104		%
Yttrium	89-2				94		%
Zinc	66-2	87.22	85.19	85.17	85.86	1.37	ppb
Zirconium	90-1	4.77	4.73	4.71	4.74	0.62	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-03DL2X20	Instrumnet Name :	P7
Client Sample ID :	MH0S17S	Dilution Factor :	20
Date & Time Acquired ::	2018-04-19 18:54:44	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	4.73	4.61	4.70	4.68	1.34	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01DL4X200	Instrumnet Name :	P7
Client Sample ID :	MH0S17	Dilution Factor :	200
Date & Time Acquired ::	2018-04-19 18:58:17	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	263.42	245.03	257.24	255.23	3.67	ppb
Antimony	121-1	0.03	0.03	0.04	0.03	8.93	ppb
Arsenic	75-2	0.02	0.01	0.08	0.04	94.20	ppb
Barium	135-1	7.05	7.13	6.97	7.05	1.11	ppb
Barium	137-1	7.14	7.20	7.38	7.24	1.78	ppb
Beryllium	9-1	0.04	0.03	0.01	0.03	60.86	ppb
Bismuth	209-1				105		%
Bismuth	209-2				95		%
Boron	10-1	3.52	3.39	3.40	3.44	2.08	ppb
Boron	11-1	2.99	3.50	3.46	3.32	8.63	ppb
Cadmium	111-1	-0.07	-0.04	-0.05	-0.05		ppb
Cadmium	106-1	-0.90	-0.58	-0.78	-0.75		ppb
Cadmium	108-1	0.08	0.02	-0.03	0.02	241.31	ppb
Calcium	43-1	2713.67	2745.97	2730.64	2730.09	0.59	ppb
Calcium	44-1	2763.32	2760.84	2754.93	2759.70	0.16	ppb
Chromium	52-2	59.63	60.02	58.89	59.51	0.96	ppb
Cobalt	59-2	0.05	0.06	0.05	0.05	19.75	ppb
Copper	63-2	2.30	2.45	2.34	2.36	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				106		%
Holmium	165-2				100		%
Indium	115-1				104		%
Indium	115-2				95		%
Iron	56-2	1992.07	1994.66	1993.54	1993.42	0.07	ppb
Iron	57-2	1982.59	2002.88	1978.30	1987.93	0.66	ppb
Lead	206-1	0.32	0.28	0.32	0.31	7.95	ppb
Lead	207-1	0.32	0.30	0.29	0.30	5.32	ppb
Lead	208-1	0.31	0.28	0.30	0.30	4.31	ppb
Lithium	6-1				95		%
Magnesium	24-2	668.38	667.25	676.08	670.57	0.72	ppb
Manganese	55-2	373.24	372.49	370.27	372.00	0.42	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01DL4X200	Instrumnet Name :	P7
Client Sample ID :	MH0S17	Dilution Factor :	200
Date & Time Acquired ::	2018-04-19 18:58:17	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.91	0.98	0.92	0.93	3.96	ppb
Molybdenum	95-1	0.26	0.26	0.26	0.26	0.58	ppb
Molybdenum	96-1	0.33	0.33	0.33	0.33	0.64	ppb
Molybdenum	97-1	0.22	0.25	0.27	0.24	10.01	ppb
Molybdenum	98-1	0.21	0.25	0.24	0.23	8.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.60	0.55	0.54	0.56	5.51	ppb
Phosphorus	31-2	5.96	-4.60	10.65	4.00	195.16	ppb
Potassium	39-2	-1.77	-3.74	3.15	-0.79		ppb
Rhodium	103-1				103		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				92		%
Selenium	77-2	-0.26	-0.26	-0.26	-0.26		ppb
Selenium	78-2	-0.04	-0.34	0.07	-0.10		ppb
Selenium	82-1	-0.72	0.54	-0.69	-0.29		ppb
Silicon	28-1	22.12	22.32	23.18	22.54	2.51	ppb
Silver	109-1	0.02	0.03	0.02	0.02	11.34	ppb
Silver	107-1	0.03	0.02	0.03	0.03	8.79	ppb
Sodium	23-2	20.41	22.05	20.33	20.93	4.64	ppb
Strontium	86-1	4.36	4.30	4.14	4.27	2.66	ppb
Strontium	88-1	4.48	4.52	4.38	4.46	1.55	ppb
Sulfur	34-1	-1615.69	-1532.59	-1303.29	-1483.85		ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	0.00	-0.01	-0.01	0.00		ppb
Thallium	205-1	0.01	0.00	0.01	0.01	43.11	ppb
Tin	118-1	0.10	0.13	0.13	0.12	12.34	ppb
Titanium	47-1	14.42	14.51	15.28	14.74	3.21	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	46.04	ppb
Vanadium	51-2	5.83	5.62	5.82	5.75	2.06	ppb
Yttrium	89-1				103		%
Yttrium	89-2				95		%
Zinc	66-2	8.67	8.77	9.13	8.86	2.74	ppb
Zirconium	90-1	0.53	0.50	0.51	0.51	2.80	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01DL4X200	Instrumnet Name :	P7
Client Sample ID :	MH0S17	Dilution Factor :	200
Date & Time Acquired ::	2018-04-19 18:58:17	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.47	0.51	0.52	0.50	5.65	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-02DL4X200	Instrumnet Name :	P7
Client Sample ID :	MH0S17D	Dilution Factor :	200
Date & Time Acquired ::	2018-04-19 19:01:50	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	244.92	243.08	233.88	240.63	2.46	ppb
Antimony	121-1	0.02	0.03	0.03	0.03	17.24	ppb
Arsenic	75-2	0.05	0.03	0.07	0.05	38.31	ppb
Barium	135-1	6.99	6.54	6.65	6.73	3.47	ppb
Barium	137-1	6.85	6.68	6.68	6.73	1.48	ppb
Beryllium	9-1	0.03	0.05	0.03	0.03	41.85	ppb
Bismuth	209-1				104		%
Bismuth	209-2				95		%
Boron	10-1	3.12	2.74	2.92	2.92	6.51	ppb
Boron	11-1	2.95	2.70	3.02	2.89	5.89	ppb
Cadmium	111-1	-0.02	-0.09	-0.05	-0.05		ppb
Cadmium	106-1	-0.35	-1.46	-0.67	-0.83		ppb
Cadmium	108-1	0.02	0.05	0.05	0.04	38.51	ppb
Calcium	43-1	2571.13	2618.00	2630.34	2606.49	1.20	ppb
Calcium	44-1	2585.18	2605.50	2564.68	2585.12	0.79	ppb
Chromium	52-2	54.43	54.65	55.86	54.98	1.40	ppb
Cobalt	59-2	0.04	0.03	0.04	0.03	15.80	ppb
Copper	63-2	2.19	2.32	2.28	2.27	2.95	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				105		%
Holmium	165-2				101		%
Indium	115-1				105		%
Indium	115-2				97		%
Iron	56-2	1894.22	1885.46	1913.04	1897.58	0.74	ppb
Iron	57-2	1891.83	1901.11	1914.19	1902.37	0.59	ppb
Lead	206-1	0.31	0.31	0.35	0.33	6.92	ppb
Lead	207-1	0.31	0.37	0.30	0.33	11.39	ppb
Lead	208-1	0.32	0.32	0.33	0.32	1.78	ppb
Lithium	6-1				95		%
Magnesium	24-2	625.34	623.45	623.33	624.04	0.18	ppb
Manganese	55-2	352.63	347.35	355.31	351.76	1.15	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-02DL4X200	Instrumnet Name :	P7
Client Sample ID :	MH0S17D	Dilution Factor :	200
Date & Time Acquired ::	2018-04-19 19:01:50	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.92	0.86	0.83	0.87	5.32	ppb
Molybdenum	95-1	0.24	0.24	0.24	0.24	1.15	ppb
Molybdenum	96-1	0.33	0.34	0.33	0.33	2.41	ppb
Molybdenum	97-1	0.25	0.25	0.24	0.25	2.49	ppb
Molybdenum	98-1	0.27	0.21	0.23	0.24	13.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.52	0.46	0.47	0.49	6.54	ppb
Phosphorus	31-2	13.15	11.39	4.46	9.67	47.50	ppb
Potassium	39-2	-8.04	-2.71	-3.76	-4.84		ppb
Rhodium	103-1				104		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				94		%
Selenium	77-2	-0.26	-0.26	-0.26	-0.26		ppb
Selenium	78-2	0.43	0.85	-0.40	0.29	219.47	ppb
Selenium	82-1	-0.09	0.35	0.60	0.29	121.18	ppb
Silicon	28-1	19.46	19.74	18.68	19.30	2.84	ppb
Silver	109-1	0.02	0.02	0.02	0.02	15.60	ppb
Silver	107-1	0.02	0.02	0.03	0.03	31.80	ppb
Sodium	23-2	20.55	20.24	17.37	19.39	9.02	ppb
Strontium	86-1	4.25	4.31	4.14	4.23	2.00	ppb
Strontium	88-1	4.20	4.23	4.14	4.19	1.06	ppb
Sulfur	34-1	-1507.93	-1527.49	-1606.80	-1547.41		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.00	0.00	0.00	0.00	152.20	ppb
Thallium	205-1	0.00	0.00	0.01	0.00	101.81	ppb
Tin	118-1	0.10	0.10	0.12	0.11	13.73	ppb
Titanium	47-1	14.20	14.20	14.06	14.15	0.57	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	3.32	ppb
Vanadium	51-2	5.46	5.41	5.50	5.46	0.82	ppb
Yttrium	89-1				103		%
Yttrium	89-2				97		%
Zinc	66-2	8.11	7.55	7.88	7.85	3.60	ppb
Zirconium	90-1	0.45	0.51	0.45	0.47	7.67	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-02DL4X200	Instrumnet Name :	P7
Client Sample ID :	MH0S17D	Dilution Factor :	200
Date & Time Acquired ::	2018-04-19 19:01:50	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.43	0.49	0.41	0.44	9.95	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01LDL4X1000	Instrumnet Name :	P7
Client Sample ID :	MH0S17L	Dilution Factor :	1000
Date & Time Acquired ::	2018-04-19 19:05:24	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49.65	52.94	52.51	51.70	3.46	ppb
Antimony	121-1	0.02	0.02	0.03	0.02	36.70	ppb
Arsenic	75-2	0.01	0.01	0.02	0.01	42.41	ppb
Barium	135-1	1.39	1.38	1.39	1.39	0.61	ppb
Barium	137-1	1.32	1.35	1.40	1.36	3.07	ppb
Beryllium	9-1	0.03	0.03	0.02	0.03	21.77	ppb
Bismuth	209-1				104		%
Bismuth	209-2				95		%
Boron	10-1	1.67	1.31	1.15	1.37	19.52	ppb
Boron	11-1	1.58	1.54	1.62	1.58	2.46	ppb
Cadmium	111-1	-0.10	-0.02	-0.14	-0.09		ppb
Cadmium	106-1	-1.52	-0.33	-1.93	-1.26		ppb
Cadmium	108-1	-0.06	-0.03	-0.06	-0.05		ppb
Calcium	43-1	542.40	531.31	524.81	532.84	1.67	ppb
Calcium	44-1	533.52	537.66	540.30	537.16	0.64	ppb
Chromium	52-2	11.75	11.53	11.47	11.58	1.27	ppb
Cobalt	59-2	0.01	0.01	0.00	0.01	127.35	ppb
Copper	63-2	0.45	0.46	0.48	0.46	2.81	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				101		%
Indium	115-1				105		%
Indium	115-2				96		%
Iron	56-2	386.93	382.18	381.66	383.59	0.76	ppb
Iron	57-2	385.74	389.34	389.53	388.20	0.55	ppb
Lead	206-1	0.12	0.10	0.08	0.10	18.97	ppb
Lead	207-1	0.10	0.10	0.08	0.09	12.58	ppb
Lead	208-1	0.11	0.10	0.09	0.10	9.24	ppb
Lithium	6-1				95		%
Magnesium	24-2	128.87	130.10	129.80	129.59	0.50	ppb
Manganese	55-2	72.78	72.51	72.01	72.43	0.54	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01LDL4X1000	Instrumnet Name :	P7
Client Sample ID :	MH0S17L	Dilution Factor :	1000
Date & Time Acquired ::	2018-04-19 19:05:24	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.21	0.22	0.15	0.19	20.01	ppb
Molybdenum	95-1	0.05	0.05	0.05	0.05	4.34	ppb
Molybdenum	96-1	0.08	0.09	0.09	0.08	9.92	ppb
Molybdenum	97-1	0.06	0.10	0.04	0.07	48.45	ppb
Molybdenum	98-1	0.06	0.05	0.09	0.07	28.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.11	0.11	0.10	0.11	9.14	ppb
Phosphorus	31-2	-7.11	5.15	-23.88	-8.62		ppb
Potassium	39-2	-3.06	-1.01	-6.76	-3.61		ppb
Rhodium	103-1				104		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				94		%
Selenium	77-2	-0.26	0.14	-0.26	-0.13		ppb
Selenium	78-2	0.29	-0.14	0.64	0.26	148.17	ppb
Selenium	82-1	0.51	0.37	0.15	0.34	52.37	ppb
Silicon	28-1	-9.09	-8.13	-10.33	-9.18		ppb
Silver	109-1	0.01	0.02	0.01	0.01	12.48	ppb
Silver	107-1	0.02	0.01	0.02	0.02	28.33	ppb
Sodium	23-2	19.67	15.81	17.17	17.55	11.16	ppb
Strontium	86-1	1.00	0.83	0.89	0.91	9.39	ppb
Strontium	88-1	0.89	0.87	0.86	0.87	1.58	ppb
Sulfur	34-1	-1568.09	-1384.25	-1622.85	-1525.07		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.00	0.02	0.00	0.01	127.00	ppb
Thallium	205-1	0.01	0.00	0.01	0.01	39.84	ppb
Tin	118-1	0.04	0.03	0.03	0.03	9.00	ppb
Titanium	47-1	2.81	2.48	2.71	2.66	6.34	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	16.21	ppb
Vanadium	51-2	1.22	1.11	1.10	1.14	5.84	ppb
Yttrium	89-1				104		%
Yttrium	89-2				97		%
Zinc	66-2	1.66	1.80	1.70	1.72	4.20	ppb
Zirconium	90-1	0.11	0.10	0.10	0.11	5.01	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01LDL4X1000	Instrumnet Name :	P7
Client Sample ID :	MH0S17L	Dilution Factor :	1000
Date & Time Acquired ::	2018-04-19 19:05:24	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.10	0.09	0.11	0.10	11.34	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-03DL4X200	Instrumnet Name :	P7
Client Sample ID :	MH0S17S	Dilution Factor :	200
Date & Time Acquired ::	2018-04-19 19:08:57	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	235.37	239.05	247.62	240.68	2.61	ppb
Antimony	121-1	0.12	0.12	0.11	0.12	3.50	ppb
Arsenic	75-2	0.12	0.07	0.07	0.09	33.44	ppb
Barium	135-1	8.06	8.49	8.63	8.39	3.52	ppb
Barium	137-1	8.51	8.52	8.43	8.49	0.61	ppb
Beryllium	9-1	0.08	0.05	0.08	0.07	20.40	ppb
Bismuth	209-1				105		%
Bismuth	209-2				96		%
Boron	10-1	2.37	2.06	2.37	2.27	7.92	ppb
Boron	11-1	2.11	2.49	2.27	2.29	8.34	ppb
Cadmium	111-1	-0.08	0.02	-0.05	-0.04		ppb
Cadmium	106-1	-1.39	-0.49	-1.38	-1.09		ppb
Cadmium	108-1	0.02	0.08	0.13	0.08	71.23	ppb
Calcium	43-1	2555.84	2538.18	2584.13	2559.38	0.91	ppb
Calcium	44-1	2575.16	2544.24	2562.58	2560.66	0.61	ppb
Chromium	52-2	54.35	54.40	55.12	54.62	0.79	ppb
Cobalt	59-2	0.55	0.48	0.50	0.51	6.24	ppb
Copper	63-2	2.42	2.42	2.49	2.45	1.75	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				102		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	56-2	1839.23	1856.92	1886.28	1860.81	1.28	ppb
Iron	57-2	1847.19	1835.88	1873.58	1852.22	1.04	ppb
Lead	206-1	0.28	0.30	0.30	0.29	4.02	ppb
Lead	207-1	0.29	0.31	0.29	0.30	4.89	ppb
Lead	208-1	0.29	0.31	0.30	0.30	3.25	ppb
Lithium	6-1				94		%
Magnesium	24-2	618.66	608.20	612.34	613.07	0.86	ppb
Manganese	55-2	341.69	345.11	349.41	345.40	1.12	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-03DL4X200	Instrumnet Name :	P7
Client Sample ID :	MH0S17S	Dilution Factor :	200
Date & Time Acquired ::	2018-04-19 19:08:57	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.81	0.94	0.81	0.85	9.04	ppb
Molybdenum	95-1	0.26	0.19	0.21	0.22	18.29	ppb
Molybdenum	96-1	0.26	0.31	0.28	0.28	8.58	ppb
Molybdenum	97-1	0.23	0.29	0.24	0.25	13.22	ppb
Molybdenum	98-1	0.22	0.21	0.24	0.22	7.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.92	0.96	0.96	0.95	2.46	ppb
Phosphorus	31-2	1.17	5.99	14.16	7.11	92.36	ppb
Potassium	39-2	-6.68	-0.75	0.87	-2.19		ppb
Rhodium	103-1				104		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	77-2	-0.26	0.95	0.14	0.27	225.72	ppb
Selenium	78-2	0.37	0.58	1.48	0.81	72.66	ppb
Selenium	82-1	0.41	-0.12	0.28	0.19	145.34	ppb
Silicon	28-1	19.39	19.17	21.18	19.91	5.54	ppb
Silver	109-1	0.06	0.07	0.07	0.07	10.64	ppb
Silver	107-1	0.06	0.07	0.07	0.06	5.34	ppb
Sodium	23-2	16.59	17.63	18.34	17.52	5.04	ppb
Strontium	86-1	4.16	4.15	3.99	4.10	2.29	ppb
Strontium	88-1	4.11	4.11	4.20	4.14	1.27	ppb
Sulfur	34-1	-1340.49	-1303.64	-1470.00	-1371.38		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.04	0.05	0.04	0.05	20.38	ppb
Thallium	205-1	0.06	0.04	0.04	0.05	18.19	ppb
Tin	118-1	0.10	0.11	0.10	0.10	6.33	ppb
Titanium	47-1	13.84	13.66	13.55	13.68	1.07	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	13.16	ppb
Vanadium	51-2	5.89	5.68	5.95	5.84	2.50	ppb
Yttrium	89-1				104		%
Yttrium	89-2				98		%
Zinc	66-2	8.56	8.13	8.14	8.28	2.91	ppb
Zirconium	90-1	0.48	0.47	0.46	0.47	2.17	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-03DL4X200	Instrumnet Name :	P7
Client Sample ID :	MH0S17S	Dilution Factor :	200
Date & Time Acquired ::	2018-04-19 19:08:57	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.45	0.39	0.47	0.44	8.81	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01DL3X100	Instrumnet Name :	P7
Client Sample ID :	MH0S17	Dilution Factor :	100
Date & Time Acquired ::	2018-04-19 19:13:08	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	498.03	480.65	492.36	490.34	1.81	ppb
Antimony	121-1	0.03	0.06	0.04	0.04	31.20	ppb
Arsenic	75-2	0.08	0.08	0.12	0.09	26.52	ppb
Barium	135-1	13.78	14.01	13.75	13.85	1.04	ppb
Barium	137-1	14.01	13.94	13.54	13.83	1.86	ppb
Beryllium	9-1	0.03	0.06	0.03	0.04	49.52	ppb
Bismuth	209-1				105		%
Bismuth	209-2				96		%
Boron	10-1	3.70	3.90	3.48	3.69	5.69	ppb
Boron	11-1	3.41	3.65	3.69	3.59	4.20	ppb
Cadmium	111-1	-0.09	0.07	-0.07	-0.03		ppb
Cadmium	106-1	-1.29	0.81	-0.91	-0.46		ppb
Cadmium	108-1	0.08	0.02	0.15	0.08	77.74	ppb
Calcium	43-1	5262.86	5371.36	5423.94	5352.72	1.53	ppb
Calcium	44-1	5329.90	5337.89	5333.65	5333.81	0.07	ppb
Chromium	52-2	112.02	112.94	112.59	112.52	0.41	ppb
Cobalt	59-2	0.06	0.07	0.08	0.07	13.07	ppb
Copper	63-2	4.30	4.40	4.27	4.32	1.48	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				106		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	56-2	3849.96	3863.08	3859.84	3857.63	0.18	ppb
Iron	57-2	3749.70	3742.83	3815.65	3769.39	1.07	ppb
Lead	206-1	0.52	0.49	0.45	0.49	7.33	ppb
Lead	207-1	0.46	0.47	0.50	0.48	4.13	ppb
Lead	208-1	0.47	0.48	0.47	0.47	1.72	ppb
Lithium	6-1				94		%
Magnesium	24-2	1273.50	1252.02	1271.61	1265.71	0.94	ppb
Manganese	55-2	709.26	710.36	710.85	710.16	0.11	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01DL3X100	Instrumnet Name :	P7
Client Sample ID :	MH0S17	Dilution Factor :	100
Date & Time Acquired ::	2018-04-19 19:13:08	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.69	1.71	1.66	1.69	1.66	ppb
Molybdenum	95-1	0.42	0.47	0.44	0.45	5.98	ppb
Molybdenum	96-1	0.63	0.65	0.58	0.62	6.02	ppb
Molybdenum	97-1	0.43	0.45	0.52	0.47	9.69	ppb
Molybdenum	98-1	0.44	0.46	0.43	0.44	3.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	0.98	1.00	1.00	1.47	ppb
Phosphorus	31-2	26.31	33.10	18.33	25.91	28.55	ppb
Potassium	39-2	-6.56	-2.05	0.70	-2.64		ppb
Rhodium	103-1				105		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	77-2	-0.26	0.54	0.54	0.27	170.75	ppb
Selenium	78-2	-0.29	0.13	-0.24	-0.14		ppb
Selenium	82-1	0.54	0.95	-0.59	0.30	264.28	ppb
Silicon	28-1	58.72	58.87	56.85	58.15	1.93	ppb
Silver	109-1	0.03	0.04	0.04	0.03	13.13	ppb
Silver	107-1	0.04	0.03	0.02	0.03	34.03	ppb
Sodium	23-2	18.90	19.53	20.31	19.58	3.61	ppb
Strontium	86-1	8.45	8.64	8.57	8.55	1.13	ppb
Strontium	88-1	8.54	8.50	8.49	8.51	0.32	ppb
Sulfur	34-1	-1294.34	-1413.62	-1774.17	-1494.04		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.00	0.00	0.01	0.00	86.20	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	24.59	ppb
Tin	118-1	0.20	0.20	0.20	0.20	1.78	ppb
Titanium	47-1	27.43	28.82	27.82	28.03	2.56	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	7.99	ppb
Vanadium	51-2	10.80	10.84	10.97	10.87	0.80	ppb
Yttrium	89-1				105		%
Yttrium	89-2				100		%
Zinc	66-2	16.39	16.73	16.76	16.63	1.24	ppb
Zirconium	90-1	0.93	0.96	0.96	0.95	1.70	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01DL3X100	Instrumnet Name :	P7
Client Sample ID :	MH0S17	Dilution Factor :	100
Date & Time Acquired ::	2018-04-19 19:13:08	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.98	1.01	0.98	0.99	1.60	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-02DL3X100	Instrumnet Name :	P7
Client Sample ID :	MH0S17D	Dilution Factor :	100
Date & Time Acquired ::	2018-04-19 19:16:42	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	496.74	495.71	504.59	499.01	0.97	ppb
Antimony	121-1	0.03	0.02	0.04	0.03	25.32	ppb
Arsenic	75-2	0.09	0.10	0.10	0.09	7.55	ppb
Barium	135-1	14.10	13.46	13.38	13.64	2.90	ppb
Barium	137-1	13.94	13.98	13.91	13.94	0.28	ppb
Beryllium	9-1	0.03	0.03	0.05	0.04	22.30	ppb
Bismuth	209-1				104		%
Bismuth	209-2				95		%
Boron	10-1	3.00	3.30	3.29	3.19	5.37	ppb
Boron	11-1	3.71	3.49	3.75	3.65	3.88	ppb
Cadmium	111-1	-0.02	-0.09	0.02	-0.03		ppb
Cadmium	106-1	-0.54	-1.26	0.17	-0.55		ppb
Cadmium	108-1	-0.03	-0.01	0.05	0.00	1240.38	ppb
Calcium	43-1	5324.62	5257.00	5273.93	5285.18	0.67	ppb
Calcium	44-1	5374.00	5302.24	5291.96	5322.73	0.84	ppb
Chromium	52-2	111.18	112.65	111.93	111.92	0.66	ppb
Cobalt	59-2	0.08	0.06	0.08	0.07	13.97	ppb
Copper	63-2	4.43	4.40	4.42	4.42	0.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				101		%
Indium	115-1				105		%
Indium	115-2				98		%
Iron	56-2	3873.69	3902.15	3925.20	3900.35	0.66	ppb
Iron	57-2	3772.20	3805.69	3806.44	3794.78	0.52	ppb
Lead	206-1	0.61	0.59	0.61	0.61	1.94	ppb
Lead	207-1	0.56	0.55	0.57	0.56	1.21	ppb
Lead	208-1	0.57	0.56	0.58	0.57	1.58	ppb
Lithium	6-1				94		%
Magnesium	24-2	1263.43	1253.96	1271.21	1262.87	0.68	ppb
Manganese	55-2	705.35	714.56	713.45	711.12	0.71	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-02DL3X100	Instrumnet Name :	P7
Client Sample ID :	MH0S17D	Dilution Factor :	100
Date & Time Acquired ::	2018-04-19 19:16:42	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.90	1.80	1.76	1.82	4.00	ppb
Molybdenum	95-1	0.48	0.50	0.43	0.47	7.78	ppb
Molybdenum	96-1	0.61	0.59	0.66	0.62	5.91	ppb
Molybdenum	97-1	0.50	0.41	0.46	0.45	10.02	ppb
Molybdenum	98-1	0.49	0.43	0.45	0.46	5.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.97	0.98	0.99	0.98	0.92	ppb
Phosphorus	31-2	30.01	22.35	30.45	27.60	16.50	ppb
Potassium	39-2	1.04	-0.63	3.54	1.31	159.68	ppb
Rhodium	103-1				105		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				97		%
Selenium	77-2	-0.26	0.14	0.14	0.00	7772.11	ppb
Selenium	78-2	0.15	-0.41	-0.05	-0.10		ppb
Selenium	82-1	0.09	-0.45	0.24	-0.04		ppb
Silicon	28-1	58.63	56.21	59.27	58.04	2.78	ppb
Silver	109-1	0.02	0.03	0.02	0.02	8.20	ppb
Silver	107-1	0.03	0.04	0.02	0.03	27.97	ppb
Sodium	23-2	18.97	19.10	19.76	19.27	2.19	ppb
Strontium	86-1	8.82	8.73	8.57	8.70	1.43	ppb
Strontium	88-1	8.49	8.48	8.50	8.49	0.10	ppb
Sulfur	34-1	-1435.92	-1600.52	-1812.34	-1616.26		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.00	0.01	0.00	0.00	54.58	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	985.81	ppb
Tin	118-1	0.20	0.15	0.17	0.17	13.48	ppb
Titanium	47-1	28.06	26.67	28.30	27.68	3.19	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	3.42	ppb
Vanadium	51-2	10.89	10.90	10.85	10.88	0.24	ppb
Yttrium	89-1				104		%
Yttrium	89-2				99		%
Zinc	66-2	15.72	15.79	15.48	15.66	1.03	ppb
Zirconium	90-1	1.00	1.00	0.99	1.00	0.33	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-02DL3X100	Instrumnet Name :	P7
Client Sample ID :	MH0S17D	Dilution Factor :	100
Date & Time Acquired ::	2018-04-19 19:16:42	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.00	0.86	0.93	0.93	7.36	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01LDL3X500	Instrumnet Name :	P7
Client Sample ID :	MH0S17L	Dilution Factor :	500
Date & Time Acquired ::	2018-04-19 19:20:16	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	103.56	98.10	97.66	99.77	3.30	ppb
Antimony	121-1	0.03	0.02	0.02	0.02	12.06	ppb
Arsenic	75-2	0.01	0.01	0.01	0.01	35.09	ppb
Barium	135-1	3.04	2.88	2.69	2.87	6.17	ppb
Barium	137-1	2.90	2.99	2.79	2.89	3.59	ppb
Beryllium	9-1	0.02	0.03	0.02	0.02	40.22	ppb
Bismuth	209-1				106		%
Bismuth	209-2				97		%
Boron	10-1	0.82	1.31	1.41	1.18	26.60	ppb
Boron	11-1	1.43	1.12	1.37	1.31	12.55	ppb
Cadmium	111-1	-0.10	-0.05	0.05	-0.03		ppb
Cadmium	106-1	-1.43	-0.76	0.59	-0.53		ppb
Cadmium	108-1	-0.06	-0.12	0.05	-0.04		ppb
Calcium	43-1	1098.34	1105.10	1067.45	1090.30	1.84	ppb
Calcium	44-1	1079.55	1076.86	1077.79	1078.07	0.13	ppb
Chromium	52-2	22.77	23.13	22.81	22.90	0.87	ppb
Cobalt	59-2	0.01	0.00	0.01	0.01	49.11	ppb
Copper	63-2	0.98	0.91	0.90	0.93	4.55	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				107		%
Holmium	165-2				102		%
Indium	115-1				107		%
Indium	115-2				99		%
Iron	56-2	758.95	771.71	762.79	764.48	0.86	ppb
Iron	57-2	773.61	772.97	767.42	771.33	0.44	ppb
Lead	206-1	0.14	0.11	0.15	0.13	14.73	ppb
Lead	207-1	0.15	0.14	0.12	0.14	8.76	ppb
Lead	208-1	0.13	0.12	0.13	0.13	4.25	ppb
Lithium	6-1				94		%
Magnesium	24-2	263.11	258.78	256.12	259.34	1.36	ppb
Manganese	55-2	144.47	145.20	143.98	144.55	0.42	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01LDL3X500	Instrumnet Name :	P7
Client Sample ID :	MH0S17L	Dilution Factor :	500
Date & Time Acquired ::	2018-04-19 19:20:16	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.36	0.36	0.34	0.35	2.41	ppb
Molybdenum	95-1	0.08	0.10	0.10	0.09	10.40	ppb
Molybdenum	96-1	0.14	0.13	0.17	0.15	14.44	ppb
Molybdenum	97-1	0.09	0.08	0.10	0.09	12.25	ppb
Molybdenum	98-1	0.09	0.09	0.08	0.09	5.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.21	0.19	0.22	0.21	6.23	ppb
Phosphorus	31-2	-17.07	1.69	-7.30	-7.56		ppb
Potassium	39-2	-6.39	-4.48	-6.24	-5.70		ppb
Rhodium	103-1				106		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				98		%
Selenium	77-2	-0.26	-0.26	-0.26	-0.26		ppb
Selenium	78-2	-0.20	-0.09	-0.37	-0.22		ppb
Selenium	82-1	0.25	0.76	-0.09	0.31	138.71	ppb
Silicon	28-1	-2.65	-0.30	-2.82	-1.92		ppb
Silver	109-1	0.01	0.01	0.01	0.01	8.12	ppb
Silver	107-1	0.01	0.01	0.01	0.01	24.94	ppb
Sodium	23-2	15.74	15.53	15.48	15.58	0.89	ppb
Strontium	86-1	1.82	1.77	1.79	1.79	1.44	ppb
Strontium	88-1	1.75	1.77	1.72	1.75	1.53	ppb
Sulfur	34-1	-1554.91	-1662.22	-1561.90	-1593.01		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.02	0.01	0.01	0.01	29.29	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	431.34	ppb
Tin	118-1	0.04	0.03	0.02	0.03	27.03	ppb
Titanium	47-1	6.07	6.01	5.93	6.00	1.10	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	21.97	ppb
Vanadium	51-2	2.28	2.30	2.31	2.30	0.44	ppb
Yttrium	89-1				106		%
Yttrium	89-2				100		%
Zinc	66-2	3.55	3.60	3.49	3.54	1.65	ppb
Zirconium	90-1	0.21	0.21	0.20	0.21	1.28	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01LDL3X500	Instrumnet Name :	P7
Client Sample ID :	MH0S17L	Dilution Factor :	500
Date & Time Acquired ::	2018-04-19 19:20:16	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.21	0.16	0.18	0.18	13.39	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-03DL3X100	Instrumnet Name :	P7
Client Sample ID :	MH0S17S	Dilution Factor :	100
Date & Time Acquired ::	2018-04-19 19:23:50	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	497.63	491.64	489.45	492.91	0.86	ppb
Antimony	121-1	0.22	0.22	0.24	0.23	6.65	ppb
Arsenic	75-2	0.15	0.15	0.13	0.14	8.76	ppb
Barium	135-1	17.02	17.10	16.89	17.00	0.65	ppb
Barium	137-1	17.64	17.54	17.47	17.55	0.48	ppb
Beryllium	9-1	0.14	0.14	0.14	0.14	0.47	ppb
Bismuth	209-1				105		%
Bismuth	209-2				96		%
Boron	10-1	2.87	3.24	3.00	3.03	6.26	ppb
Boron	11-1	3.43	3.45	3.58	3.49	2.29	ppb
Cadmium	111-1	0.03	0.09	0.02	0.05	86.38	ppb
Cadmium	106-1	-1.12	0.25	-0.94	-0.60		ppb
Cadmium	108-1	0.19	0.15	0.18	0.17	9.49	ppb
Calcium	43-1	5249.12	5255.61	5352.80	5285.84	1.10	ppb
Calcium	44-1	5275.56	5261.27	5311.51	5282.78	0.49	ppb
Chromium	52-2	109.40	113.81	111.08	111.43	2.00	ppb
Cobalt	59-2	1.07	1.09	1.08	1.08	0.97	ppb
Copper	63-2	4.83	4.89	4.77	4.83	1.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				100		%
Iron	56-2	3816.59	3841.25	3825.91	3827.92	0.33	ppb
Iron	57-2	3690.75	3750.17	3728.22	3723.05	0.81	ppb
Lead	206-1	0.56	0.58	0.55	0.56	2.69	ppb
Lead	207-1	0.46	0.50	0.50	0.49	4.79	ppb
Lead	208-1	0.52	0.54	0.54	0.53	2.25	ppb
Lithium	6-1				94		%
Magnesium	24-2	1259.86	1262.08	1265.17	1262.37	0.21	ppb
Manganese	55-2	704.48	708.29	708.71	707.16	0.33	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-03DL3X100	Instrumnet Name :	P7
Client Sample ID :	MH0S17S	Dilution Factor :	100
Date & Time Acquired ::	2018-04-19 19:23:50	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.80	1.74	1.69	1.74	3.25	ppb
Molybdenum	95-1	0.45	0.46	0.42	0.44	5.07	ppb
Molybdenum	96-1	0.61	0.55	0.61	0.59	5.61	ppb
Molybdenum	97-1	0.44	0.52	0.43	0.47	10.42	ppb
Molybdenum	98-1	0.43	0.41	0.45	0.43	5.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.94	2.06	2.10	2.03	4.29	ppb
Phosphorus	31-2	23.76	9.01	31.46	21.41	53.28	ppb
Potassium	39-2	-5.26	0.68	-5.64	-3.41		ppb
Rhodium	103-1				106		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	77-2	-0.26	0.13	-0.26	-0.13		ppb
Selenium	78-2	-0.21	0.50	0.43	0.24	161.62	ppb
Selenium	82-1	0.41	0.46	0.16	0.34	48.05	ppb
Silicon	28-1	57.28	55.81	58.12	57.07	2.05	ppb
Silver	109-1	0.12	0.12	0.11	0.12	4.41	ppb
Silver	107-1	0.12	0.13	0.12	0.12	3.92	ppb
Sodium	23-2	17.99	19.07	18.63	18.57	2.92	ppb
Strontium	86-1	8.58	8.32	8.19	8.36	2.39	ppb
Strontium	88-1	8.44	8.53	8.37	8.44	0.95	ppb
Sulfur	34-1	-1455.06	-1587.83	-1468.01	-1503.63		ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	0.08	0.07	0.08	0.08	6.24	ppb
Thallium	205-1	0.10	0.10	0.09	0.10	8.48	ppb
Tin	118-1	0.19	0.19	0.18	0.19	4.22	ppb
Titanium	47-1	28.03	28.94	28.93	28.64	1.83	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	8.37	ppb
Vanadium	51-2	11.76	11.96	11.75	11.82	1.04	ppb
Yttrium	89-1				107		%
Yttrium	89-2				101		%
Zinc	66-2	17.45	17.45	16.97	17.29	1.60	ppb
Zirconium	90-1	1.00	0.95	0.93	0.96	3.61	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-03DL3X100	Instrumnet Name :	P7
Client Sample ID :	MH0S17S	Dilution Factor :	100
Date & Time Acquired ::	2018-04-19 19:23:50	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.96	0.90	0.90	0.92	3.78	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	CCV086	Instrumnet Name :	P7
Client Sample ID :	CCV086	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 19:31:43	DataFile Name :	048CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51695.60	51796.56	51591.03	51694.40	0.20	ppb
Antimony	121-1	485.10	478.89	476.36	480.12	0.94	ppb
Arsenic	75-2	505.18	504.02	507.59	505.60	0.36	ppb
Barium	135-1	2417.09	2408.34	2412.22	2412.55	0.18	ppb
Barium	137-1	2446.41	2438.21	2453.25	2445.96	0.31	ppb
Beryllium	9-1	528.44	521.86	514.79	521.70	1.31	ppb
Bismuth	209-1				98		%
Bismuth	209-2				89		%
Boron	10-1	513.68	529.22	516.67	519.86	1.59	ppb
Boron	11-1	522.49	530.13	521.21	524.61	0.92	ppb
Cadmium	111-1	472.56	466.70	472.62	470.63	0.72	ppb
Cadmium	106-1	469.91	476.30	478.49	474.90	0.94	ppb
Cadmium	108-1	472.86	475.13	475.29	474.43	0.29	ppb
Calcium	43-1	237814.16	239458.94	238949.11	238740.74	0.35	ppb
Calcium	44-1	238230.02	239832.30	238185.06	238749.13	0.39	ppb
Chromium	52-2	504.41	502.84	503.16	503.47	0.17	ppb
Cobalt	59-2	482.16	480.78	480.14	481.02	0.21	ppb
Copper	63-2	954.50	959.48	952.88	955.62	0.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				94		%
Iron	56-2	128642.28	127959.57	128042.28	128214.71	0.29	ppb
Iron	57-2	129005.36	129552.83	128313.96	128957.39	0.48	ppb
Lead	206-1	478.48	479.50	479.69	479.22	0.14	ppb
Lead	207-1	477.06	475.15	483.92	478.71	0.96	ppb
Lead	208-1	482.58	480.55	484.91	482.68	0.45	ppb
Lithium	6-1				93		%
Magnesium	24-2	244983.63	246060.61	244713.14	245252.46	0.29	ppb
Manganese	55-2	978.97	977.31	972.65	976.31	0.34	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	CCV086	Instrumnet Name :	P7
Client Sample ID :	CCV086	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 19:31:43	DataFile Name :	048CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2472.64	2444.80	2460.52	2459.32	0.57	ppb
Molybdenum	95-1	2474.56	2467.25	2446.53	2462.78	0.59	ppb
Molybdenum	96-1	2454.26	2457.37	2428.84	2446.82	0.64	ppb
Molybdenum	97-1	2470.07	2444.39	2441.59	2452.02	0.64	ppb
Molybdenum	98-1	2427.90	2439.54	2448.23	2438.56	0.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	488.62	486.97	486.34	487.31	0.24	ppb
Phosphorus	31-2	10227.34	10166.91	10302.97	10232.41	0.67	ppb
Potassium	39-2	126164.42	125916.73	125465.91	125849.02	0.28	ppb
Rhodium	103-1				97		%
Rhodium	103-2				92		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	77-2	473.68	508.71	503.14	495.17	3.80	ppb
Selenium	78-2	510.84	507.59	514.01	510.81	0.63	ppb
Selenium	82-1	471.26	469.53	479.85	473.55	1.17	ppb
Silicon	28-1	584.64	593.57	595.22	591.14	0.96	ppb
Silver	109-1	468.64	463.46	465.45	465.85	0.56	ppb
Silver	107-1	467.34	463.91	463.24	464.83	0.47	ppb
Sodium	23-2	251133.73	248935.58	246585.47	248884.93	0.91	ppb
Strontium	86-1	492.22	484.72	486.15	487.70	0.82	ppb
Strontium	88-1	503.87	501.68	502.07	502.54	0.23	ppb
Sulfur	34-1	8722.70	8878.36	8531.98	8711.01	1.99	ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	483.04	481.26	481.07	481.79	0.23	ppb
Thallium	205-1	495.90	497.33	497.42	496.88	0.17	ppb
Tin	118-1	476.20	477.22	476.32	476.58	0.12	ppb
Titanium	47-1	2404.86	2415.77	2417.00	2412.54	0.28	ppb
Uranium	238-1	497.89	499.12	499.34	498.79	0.16	ppb
Vanadium	51-2	497.42	501.39	496.34	498.38	0.53	ppb
Yttrium	89-1				103		%
Yttrium	89-2				98		%
Zinc	66-2	954.30	957.36	948.19	953.28	0.49	ppb
Zirconium	90-1	482.73	493.05	494.19	489.99	1.29	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	CCV086	Instrumnet Name :	P7
Client Sample ID :	CCV086	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 19:31:43	DataFile Name :	048CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	476.06	481.82	482.62	480.17	0.74	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	CCB086	Instrumnet Name :	P7
Client Sample ID :	CCB086	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 19:36:24	DataFile Name :	049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.12	-0.08	-0.21	-0.06		ppb
Antimony	121-1	0.49	0.59	0.67	0.58	14.74	ppb
Arsenic	75-2	0.04	0.03	0.05	0.04	17.53	ppb
Barium	135-1	0.05	0.08	0.02	0.05	57.68	ppb
Barium	137-1	0.08	0.09	0.06	0.07	25.15	ppb
Beryllium	9-1	0.07	0.06	0.03	0.05	41.69	ppb
Bismuth	209-1				105		%
Bismuth	209-2				97		%
Boron	10-1	4.94	5.43	5.12	5.17	4.83	ppb
Boron	11-1	5.62	5.37	4.87	5.29	7.27	ppb
Cadmium	111-1	0.01	-0.12	-0.16	-0.09		ppb
Cadmium	106-1	-0.15	-1.93	-2.15	-1.41		ppb
Cadmium	108-1	0.02	-0.09	-0.01	-0.02		ppb
Calcium	43-1	5.26	3.95	6.31	5.17	22.86	ppb
Calcium	44-1	8.74	5.03	5.12	6.30	33.58	ppb
Chromium	52-2	0.04	0.06	0.05	0.05	13.69	ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	0.05	0.07	0.04	0.05	30.22	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				107		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	3.63	3.20	2.89	3.24	11.50	ppb
Iron	57-2	2.24	1.75	4.60	2.86	53.12	ppb
Lead	206-1	0.09	0.11	0.09	0.10	8.71	ppb
Lead	207-1	0.10	0.08	0.09	0.09	12.29	ppb
Lead	208-1	0.10	0.10	0.09	0.10	4.74	ppb
Lithium	6-1				94		%
Magnesium	24-2	2.50	2.11	1.75	2.12	17.64	ppb
Manganese	55-2	0.10	0.08	0.06	0.08	25.41	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	CCB086	Instrumnet Name :	P7
Client Sample ID :	CCB086	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 19:36:24	DataFile Name :	049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.32	0.33	0.23	0.29	19.81	ppb
Molybdenum	95-1	0.32	0.33	0.33	0.33	1.36	ppb
Molybdenum	96-1	0.39	0.37	0.33	0.36	9.16	ppb
Molybdenum	97-1	0.37	0.38	0.37	0.38	1.22	ppb
Molybdenum	98-1	0.37	0.33	0.32	0.34	7.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	-0.01	0.00	658.97	ppb
Phosphorus	31-2	-19.33	-11.48	-13.11	-14.64		ppb
Potassium	39-2	6.26	8.68	7.76	7.57	16.10	ppb
Rhodium	103-1				106		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	77-2	0.12	-0.26	0.12	-0.01		ppb
Selenium	78-2	-0.40	0.43	0.81	0.28	221.69	ppb
Selenium	82-1	0.41	0.77	-0.21	0.32	154.08	ppb
Silicon	28-1	-15.39	-16.59	-16.17	-16.05		ppb
Silver	109-1	0.03	0.03	0.03	0.03	0.44	ppb
Silver	107-1	0.03	0.04	0.04	0.04	6.20	ppb
Sodium	23-2	46.43	42.64	44.64	44.57	4.25	ppb
Strontium	86-1	-0.02	0.03	-0.03	-0.01		ppb
Strontium	88-1	0.01	0.00	0.00	0.01	48.89	ppb
Sulfur	34-1	-2083.55	-2137.82	-2250.71	-2157.36		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.07	0.05	0.06	0.06	11.88	ppb
Thallium	205-1	0.07	0.05	0.04	0.05	26.21	ppb
Tin	118-1	0.09	0.08	0.08	0.08	6.65	ppb
Titanium	47-1	0.05	0.06	0.04	0.05	12.65	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	20.55	ppb
Vanadium	51-2	0.01	0.00	0.00	0.01	75.16	ppb
Yttrium	89-1				107		%
Yttrium	89-2				103		%
Zinc	66-2	0.15	0.13	0.12	0.14	12.64	ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	71.28	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	CCB086	Instrumnet Name :	P7
Client Sample ID :	CCB086	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 19:36:24	DataFile Name :	049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.03	0.01	0.02	38.09	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01A	Instrumnet Name :	P7
Client Sample ID :	MH0S17A	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 19:39:56	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49168.52	49512.51	49534.03	49405.02	0.42	ppb
Antimony	121-1	1.52	1.53	1.53	1.52	0.42	ppb
Arsenic	75-2	7.51	7.00	7.36	7.29	3.62	ppb
Barium	135-1	1350.10	1357.07	1356.98	1354.71	0.30	ppb
Barium	137-1	1367.50	1385.37	1383.65	1378.84	0.71	ppb
Beryllium	9-1	1.23	1.23	1.12	1.20	5.49	ppb
Bismuth	209-1				99		%
Bismuth	209-2				89		%
Boron	10-1	275.11	284.01	281.21	280.11	1.63	ppb
Boron	11-1	277.38	280.34	278.26	278.66	0.55	ppb
Cadmium	111-1	1.60	1.57	1.80	1.66	7.77	ppb
Cadmium	106-1	16.37	17.40	17.90	17.22	4.55	ppb
Cadmium	108-1	10.72	11.84	10.49	11.02	6.58	ppb
Calcium	43-1	528091.51	529402.18	525648.13	527713.94	0.36	ppb
Calcium	44-1	529545.14	532860.70	525147.08	529184.31	0.73	ppb
Chromium	52-2	11253.43	11318.29	11291.53	11287.75	0.29	ppb
Cobalt	59-2	7.62	7.61	7.61	7.61	0.07	ppb
Copper	63-2	406.79	406.94	410.06	407.93	0.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				96		%
Iron	56-2	377429.35	381408.40	387653.10	382163.62	1.35	ppb
Iron	57-2	378472.22	381745.81	383533.17	381250.40	0.67	ppb
Lead	206-1	43.99	44.12	43.42	43.84	0.86	ppb
Lead	207-1	39.94	40.27	40.00	40.07	0.44	ppb
Lead	208-1	41.75	41.85	41.38	41.66	0.60	ppb
Lithium	6-1				93		%
Magnesium	24-2	123432.00	123765.59	124987.57	124061.72	0.66	ppb
Manganese	55-2	70133.09	70526.47	71108.69	70589.42	0.70	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01A	Instrumnet Name :	P7
Client Sample ID :	MH0S17A	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 19:39:56	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	172.25	174.15	172.63	173.01	0.58	ppb
Molybdenum	95-1	42.78	43.18	43.30	43.09	0.63	ppb
Molybdenum	96-1	58.53	59.13	59.43	59.03	0.78	ppb
Molybdenum	97-1	42.23	42.17	41.93	42.11	0.38	ppb
Molybdenum	98-1	41.89	41.98	41.85	41.90	0.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	94.34	95.86	95.13	95.11	0.80	ppb
Phosphorus	31-2	3308.09	3172.77	3201.75	3227.54	2.21	ppb
Potassium	39-2	324.77	316.81	324.50	322.03	1.40	ppb
Rhodium	103-1				99		%
Rhodium	103-2				94		%
Scandium	45-1				101		%
Scandium	45-2				95		%
Selenium	77-2	27.38	24.50	19.78	23.88	16.07	ppb
Selenium	78-2	12.03	13.71	14.03	13.26	8.10	ppb
Selenium	82-1	11.57	11.54	11.43	11.51	0.64	ppb
Silicon	28-1	5661.96	5674.96	5670.43	5669.12	0.12	ppb
Silver	109-1	2.22	2.19	2.25	2.22	1.24	ppb
Silver	107-1	2.13	2.14	2.22	2.17	2.27	ppb
Sodium	23-2	486.59	486.68	485.68	486.32	0.11	ppb
Strontium	86-1	815.18	817.54	823.82	818.85	0.55	ppb
Strontium	88-1	837.16	839.39	845.85	840.80	0.54	ppb
Sulfur	34-1	-911.70	-700.33	-571.84	-727.96		ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	0.18	0.17	0.12	0.16	18.46	ppb
Thallium	205-1	0.15	0.15	0.14	0.15	5.42	ppb
Tin	118-1	18.04	18.36	18.01	18.13	1.07	ppb
Titanium	47-1	2828.63	2831.45	2802.13	2820.74	0.57	ppb
Uranium	238-1	1.70	1.74	1.74	1.73	1.28	ppb
Vanadium	51-2	2239.56	2250.21	2257.34	2249.04	0.40	ppb
Yttrium	89-1				108		%
Yttrium	89-2				100		%
Zinc	66-2	1492.99	1504.54	1509.13	1502.22	0.55	ppb
Zirconium	90-1	93.53	94.70	94.27	94.17	0.63	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01A	Instrumnet Name :	P7
Client Sample ID :	MH0S17A	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 19:39:56	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	94.59	94.95	94.57	94.71	0.23	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01ADLX3	Instrumnet Name :	P7
Client Sample ID :	MH0S17A	Dilution Factor :	3
Date & Time Acquired ::	2018-04-19 19:43:35	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16082.48	16141.07	16101.70	16108.42	0.19	ppb
Antimony	121-1	0.49	0.56	0.56	0.54	7.05	ppb
Arsenic	75-2	2.61	2.41	2.58	2.53	4.26	ppb
Barium	135-1	453.51	446.70	450.08	450.10	0.76	ppb
Barium	137-1	453.59	452.21	452.01	452.60	0.19	ppb
Beryllium	9-1	0.39	0.36	0.39	0.38	4.47	ppb
Bismuth	209-1				103		%
Bismuth	209-2				92		%
Boron	10-1	94.60	95.07	99.53	96.40	2.82	ppb
Boron	11-1	95.06	96.52	97.23	96.27	1.15	ppb
Cadmium	111-1	0.51	0.33	0.48	0.44	22.18	ppb
Cadmium	106-1	5.80	3.23	4.68	4.57	28.14	ppb
Cadmium	108-1	4.06	3.92	3.24	3.74	11.68	ppb
Calcium	43-1	178013.09	178337.90	175649.40	177333.46	0.83	ppb
Calcium	44-1	177296.88	178620.22	178205.13	178040.74	0.38	ppb
Chromium	52-2	3845.36	3829.00	3793.26	3822.54	0.70	ppb
Cobalt	59-2	2.53	2.56	2.64	2.57	2.21	ppb
Copper	63-2	141.42	141.35	140.93	141.23	0.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				95		%
Iron	56-2	129082.41	128786.83	127348.94	128406.06	0.72	ppb
Iron	57-2	129794.77	129332.82	128212.79	129113.46	0.63	ppb
Lead	206-1	14.56	14.91	14.42	14.63	1.74	ppb
Lead	207-1	13.23	13.41	13.34	13.33	0.69	ppb
Lead	208-1	13.89	13.97	13.83	13.90	0.50	ppb
Lithium	6-1				95		%
Magnesium	24-2	41986.44	42039.93	41944.20	41990.19	0.11	ppb
Manganese	55-2	23984.85	23860.36	23780.11	23875.11	0.43	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01ADLX3	Instrumnet Name :	P7
Client Sample ID :	MH0S17A	Dilution Factor :	3
Date & Time Acquired ::	2018-04-19 19:43:35	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	58.12	58.83	57.83	58.26	0.89	ppb
Molybdenum	95-1	14.60	14.71	14.66	14.65	0.38	ppb
Molybdenum	96-1	20.27	20.13	20.56	20.32	1.06	ppb
Molybdenum	97-1	13.97	14.47	14.28	14.24	1.77	ppb
Molybdenum	98-1	14.48	14.37	14.02	14.29	1.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	33.49	32.88	32.70	33.02	1.26	ppb
Phosphorus	31-2	1024.19	1073.89	1094.48	1064.18	3.40	ppb
Potassium	39-2	102.67	106.64	100.91	103.41	2.84	ppb
Rhodium	103-1				102		%
Rhodium	103-2				95		%
Scandium	45-1				100		%
Scandium	45-2				92		%
Selenium	77-2	6.27	7.55	5.87	6.56	13.34	ppb
Selenium	78-2	4.12	4.52	3.31	3.98	15.45	ppb
Selenium	82-1	4.13	4.17	3.16	3.82	15.02	ppb
Silicon	28-1	1901.84	1914.84	1888.40	1901.69	0.70	ppb
Silver	109-1	0.74	0.75	0.76	0.75	1.21	ppb
Silver	107-1	0.77	0.72	0.71	0.74	4.02	ppb
Sodium	23-2	184.50	182.52	182.21	183.08	0.68	ppb
Strontium	86-1	277.65	279.22	275.43	277.43	0.69	ppb
Strontium	88-1	287.35	286.62	288.08	287.35	0.25	ppb
Sulfur	34-1	-1836.15	-1810.08	-1989.20	-1878.48		ppb
Terbium	159-1				107		%
Terbium	159-2				102		%
Thallium	203-1	0.01	0.02	0.01	0.01	49.89	ppb
Thallium	205-1	0.01	0.01	0.02	0.01	5.74	ppb
Tin	118-1	6.33	6.18	5.98	6.17	2.84	ppb
Titanium	47-1	927.30	935.86	926.72	929.96	0.55	ppb
Uranium	238-1	0.61	0.57	0.56	0.58	4.50	ppb
Vanadium	51-2	738.29	736.46	736.10	736.95	0.16	ppb
Yttrium	89-1				106		%
Yttrium	89-2				97		%
Zinc	66-2	524.80	523.44	523.83	524.02	0.13	ppb
Zirconium	90-1	31.60	31.65	31.68	31.64	0.14	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01ADLX3	Instrumnet Name :	P7
Client Sample ID :	MH0S17A	Dilution Factor :	3
Date & Time Acquired ::	2018-04-19 19:43:35	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	32.18	32.22	32.05	32.15	0.28	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	CCV087	Instrumnet Name :	P7
Client Sample ID :	CCV087	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 19:47:10	DataFile Name :	052CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53720.81	53642.11	53525.32	53629.41	0.18	ppb
Antimony	121-1	490.84	491.27	488.60	490.24	0.29	ppb
Arsenic	75-2	524.33	519.74	520.48	521.52	0.47	ppb
Barium	135-1	2479.50	2461.87	2480.80	2474.06	0.43	ppb
Barium	137-1	2499.70	2512.98	2530.92	2514.53	0.62	ppb
Beryllium	9-1	531.99	538.81	537.64	536.15	0.68	ppb
Bismuth	209-1				98		%
Bismuth	209-2				90		%
Boron	10-1	529.74	548.43	545.80	541.32	1.87	ppb
Boron	11-1	534.95	553.06	552.93	546.98	1.90	ppb
Cadmium	111-1	477.73	481.04	483.91	480.89	0.64	ppb
Cadmium	106-1	479.96	481.82	476.29	479.36	0.59	ppb
Cadmium	108-1	476.97	480.65	485.57	481.07	0.90	ppb
Calcium	43-1	246139.73	247781.39	244731.22	246217.45	0.62	ppb
Calcium	44-1	246098.06	248731.77	245367.38	246732.40	0.72	ppb
Chromium	52-2	523.88	519.83	521.45	521.72	0.39	ppb
Cobalt	59-2	496.72	497.38	496.86	496.99	0.07	ppb
Copper	63-2	981.22	979.42	979.17	979.94	0.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	56-2	132174.51	132445.05	132913.48	132511.01	0.28	ppb
Iron	57-2	132995.13	132495.88	133707.52	133066.17	0.46	ppb
Lead	206-1	489.01	490.49	491.99	490.50	0.30	ppb
Lead	207-1	490.84	489.06	489.85	489.92	0.18	ppb
Lead	208-1	500.56	497.30	498.37	498.74	0.33	ppb
Lithium	6-1				91		%
Magnesium	24-2	255655.98	255374.36	254741.18	255257.18	0.18	ppb
Manganese	55-2	1011.23	1010.21	1008.52	1009.99	0.14	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	CCV087	Instrumnet Name :	P7
Client Sample ID :	CCV087	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 19:47:10	DataFile Name :	052CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2486.71	2544.13	2525.95	2518.93	1.16	ppb
Molybdenum	95-1	2503.80	2537.26	2522.51	2521.19	0.67	ppb
Molybdenum	96-1	2485.17	2517.73	2496.82	2499.90	0.66	ppb
Molybdenum	97-1	2470.59	2534.65	2491.88	2499.04	1.31	ppb
Molybdenum	98-1	2477.68	2505.79	2495.10	2492.86	0.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	502.95	500.09	499.18	500.74	0.39	ppb
Phosphorus	31-2	10362.05	10274.97	10537.40	10391.47	1.29	ppb
Potassium	39-2	130499.81	130147.90	130857.94	130501.88	0.27	ppb
Rhodium	103-1				98		%
Rhodium	103-2				93		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	77-2	513.20	518.87	515.45	515.84	0.55	ppb
Selenium	78-2	515.36	515.06	509.75	513.39	0.61	ppb
Selenium	82-1	478.11	473.44	480.12	477.22	0.72	ppb
Silicon	28-1	573.61	580.24	574.36	576.07	0.63	ppb
Silver	109-1	480.14	482.65	480.33	481.04	0.29	ppb
Silver	107-1	477.08	476.46	480.96	478.17	0.51	ppb
Sodium	23-2	251720.34	252612.32	251758.27	252030.31	0.20	ppb
Strontium	86-1	493.97	498.58	498.27	496.94	0.52	ppb
Strontium	88-1	506.06	516.03	515.60	512.56	1.10	ppb
Sulfur	34-1	7987.84	7964.14	7893.62	7948.53	0.62	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	495.20	499.76	495.04	496.67	0.54	ppb
Thallium	205-1	504.55	506.13	513.16	507.95	0.90	ppb
Tin	118-1	489.65	486.02	489.89	488.52	0.44	ppb
Titanium	47-1	2463.46	2487.04	2463.11	2471.20	0.55	ppb
Uranium	238-1	510.63	514.70	510.01	511.78	0.50	ppb
Vanadium	51-2	513.79	512.56	515.71	514.02	0.31	ppb
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	973.71	967.56	967.11	969.46	0.38	ppb
Zirconium	90-1	498.12	509.25	505.99	504.45	1.13	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	CCV087	Instrumnet Name :	P7
Client Sample ID :	CCV087	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 19:47:10	DataFile Name :	052CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	485.24	494.92	488.83	489.67	1.00	ppb

LB Number : LB94752 Operator : Jaswal
 Lab Sample ID : CCB087 Instrumnet Name : P7
 Client Sample ID : CCB087 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-19 19:54:44 DataFile Name : 053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.22	-0.08	-0.02	-0.11		ppb
Antimony	121-1	0.27	0.35	0.39	0.34	18.03	ppb
Arsenic	75-2	0.02	0.01	0.02	0.02	58.72	ppb
Barium	135-1	0.01	0.02	0.03	0.02	42.99	ppb
Barium	137-1	0.00	0.02	0.02	0.01	83.67	ppb
Beryllium	9-1	0.05	0.03	0.05	0.05	25.59	ppb
Bismuth	209-1				104		%
Bismuth	209-2				96		%
Boron	10-1	4.93	4.41	3.83	4.39	12.49	ppb
Boron	11-1	4.43	4.64	4.54	4.54	2.36	ppb
Cadmium	111-1	-0.16	-0.19	-0.09	-0.15		ppb
Cadmium	106-1	-2.23	-2.64	-1.36	-2.08		ppb
Cadmium	108-1	-0.12	0.02	-0.01	-0.03		ppb
Calcium	43-1	2.37	3.75	1.35	2.49	48.31	ppb
Calcium	44-1	3.13	4.56	2.99	3.56	24.33	ppb
Chromium	52-2	0.08	0.04	0.03	0.05	46.22	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.04	0.02	0.02	0.03	37.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				103		%
Indium	115-1				107		%
Indium	115-2				102		%
Iron	56-2	1.69	1.68	1.58	1.65	3.94	ppb
Iron	57-2	1.36	0.10	1.70	1.06	79.80	ppb
Lead	206-1	0.11	0.10	0.08	0.10	11.98	ppb
Lead	207-1	0.09	0.10	0.09	0.09	7.88	ppb
Lead	208-1	0.09	0.10	0.09	0.09	5.61	ppb
Lithium	6-1				93		%
Magnesium	24-2	1.26	1.01	0.94	1.07	15.51	ppb
Manganese	55-2	0.14	0.13	0.14	0.14	2.56	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	CCB087	Instrumnet Name :	P7
Client Sample ID :	CCB087	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 19:54:44	DataFile Name :	053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.13	0.13	0.14	0.13	3.01	ppb
Molybdenum	95-1	0.13	0.16	0.13	0.14	11.73	ppb
Molybdenum	96-1	0.16	0.16	0.17	0.16	3.94	ppb
Molybdenum	97-1	0.16	0.14	0.21	0.17	20.91	ppb
Molybdenum	98-1	0.14	0.17	0.20	0.17	19.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	-0.01	-0.01		ppb
Phosphorus	31-2	-16.03	-20.76	-25.54	-20.78		ppb
Potassium	39-2	10.54	8.66	8.24	9.15	13.39	ppb
Rhodium	103-1				106		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	77-2	0.12	-0.26	-0.26	-0.14		ppb
Selenium	78-2	0.60	0.21	-0.04	0.25	125.58	ppb
Selenium	82-1	0.71	0.74	-0.21	0.41	131.57	ppb
Silicon	28-1	-13.88	-16.18	-15.39	-15.15		ppb
Silver	109-1	0.03	0.03	0.02	0.02	16.41	ppb
Silver	107-1	0.02	0.02	0.02	0.02	17.06	ppb
Sodium	23-2	45.58	44.60	44.20	44.79	1.59	ppb
Strontium	86-1	-0.02	0.00	-0.01	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	29.19	ppb
Sulfur	34-1	-2062.59	-2146.33	-2138.13	-2115.68		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.04	0.05	0.03	0.04	18.99	ppb
Thallium	205-1	0.05	0.04	0.03	0.04	15.34	ppb
Tin	118-1	0.04	0.02	0.05	0.04	39.49	ppb
Titanium	47-1	0.03	-0.02	0.05	0.02	172.01	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	32.99	ppb
Vanadium	51-2	0.01	0.00	0.01	0.00	13.51	ppb
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	0.10	0.16	0.17	0.15	24.78	ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	110.09	ppb

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	CCB087	Instrumnet Name :	P7
Client Sample ID :	CCB087	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 19:54:44	DataFile Name :	053CCBE.d

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

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:41:28	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	75	92	92	18.18	cps
Antimony	121-1	75	33	67	58	37.80	cps
Arsenic	75-2	7	0	2	3	124.95	cps
Barium	135-1	50	33	25	36	35.25	cps
Barium	137-1	100	67	42	69	42.14	cps
Beryllium	9-1	44	11	39	31	56.73	cps
Bismuth	209-1	7887063	7859800	7877583	7874816	0.18	cps
Bismuth	209-2	5423998	5493212	5522468	5479893	0.92	cps
Boron	10-1	117	150	117	128	15.06	cps
Boron	11-1	492	425	533	483	11.31	cps
Cadmium	111-1	2695	2367	2618	2560	6.71	cps
Cadmium	106-1	3867	3384	3759	3670	6.91	cps
Cadmium	108-1	17	8	25	17	50.01	cps
Calcium	43-1	233	133	200	189	26.96	cps
Calcium	44-1	12539	12339	13015	12631	2.75	cps
Chromium	52-2	527	663	623	604	11.62	cps
Cobalt	59-2	110	107	120	112	6.18	cps
Copper	63-2	737	770	707	738	4.29	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	17	50	50	39	49.48	cps
Erbium	164-2	17	30	23	23	28.56	cps
Gadolinium	160-1	42	75	100	72	40.52	cps
Gadolinium	160-2	193	197	223	204	8.04	cps
Holmium	165-1	12392060	12391562	12512693	12432105	0.56	cps
Holmium	165-2	7561134	7584520	7613135	7586263	0.34	cps
Indium	115-1	9905513	9891759	9926123	9907798	0.17	cps
Indium	115-2	2660560	2651774	2672607	2661647	0.39	cps
Iron	56-2	5229	5351	5223	5268	1.37	cps
Iron	57-2	656	678	539	624	11.95	cps
Lead	206-1	122	178	161	154	18.55	cps
Lead	207-1	111	150	89	117	26.52	cps
Lead	208-1	594	594	556	582	3.86	cps
Lithium	6-1	3086811	3093235	3094294	3091446	0.13	cps
Magnesium	24-2	167	158	208	178	15.07	cps
Manganese	55-2	107	63	67	79	30.57	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:41:28	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	225	250	183	219	15.35	cps
Molybdenum	95-1	42	17	33	31	41.66	cps
Molybdenum	96-1	50	58	92	67	33.07	cps
Molybdenum	97-1	25	50	75	50	50.00	cps
Molybdenum	98-1	25	25	0	17	86.60	cps
Neodymium	150-1	27	0	13	13	100.01	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	63	30	63	52	36.85	cps
Phosphorus	31-2	450	400	400	417	6.93	cps
Potassium	39-2	62323	63855	64123	63434	1.53	cps
Rhodium	103-1	9566755	9597339	9598817	9587637	0.19	cps
Rhodium	103-2	5316080	5307382	5309021	5310828	0.09	cps
Scandium	45-1	7100980	7195425	7180563	7158989	0.71	cps
Scandium	45-2	433066	434201	432568	433278	0.19	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	98	104	124	109	12.57	cps
Selenium	82-1	15	-112	38	-20	-409.98	cps
Silicon	28-1	492517	490878	494687	492694	0.39	cps
Silver	109-1	42	42	75	53	36.46	cps
Silver	107-1	50	108	75	78	37.63	cps
Sodium	23-2	12622	12247	12039	12303	2.40	cps
Strontium	86-1	775	858	817	817	5.10	cps
Strontium	88-1	100	108	175	128	32.17	cps
Sulfur	34-1	620359	624517	626752	623876	0.52	cps
Terbium	159-1	12804531	12894243	12940014	12879596	0.54	cps
Terbium	159-2	7609950	7505525	7564020	7559831	0.69	cps
Thallium	203-1	308	250	175	244	27.34	cps
Thallium	205-1	600	583	633	606	4.20	cps
Tin	118-1	308	525	417	417	26.00	cps
Titanium	47-1	175	58	75	103	61.39	cps
Uranium	238-1	0	8	17	8	100.02	cps
Vanadium	51-2	10	17	17	14	26.66	cps
Yttrium	89-1	10762592	10822221	10775106	10786640	0.29	cps
Yttrium	89-2	2090545	2101343	2103598	2098496	0.33	cps
Zinc	66-2	97	117	80	98	18.78	cps
Zirconium	90-1	542	767	575	628	19.34	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:41:28	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	200	192	108	167	30.41	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:49:44	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2517	2309	2292	2373	5.29	cps
Antimony	121-1	15918	15676	15543	15712	1.21	cps
Arsenic	75-2	376	344	376	365	4.97	cps
Barium	135-1	17887	18429	17829	18048	1.84	cps
Barium	137-1	30585	30543	31311	30813	1.40	cps
Beryllium	9-1	2422	2167	2300	2297	5.57	cps
Bismuth	209-1	8032335	8006138	8132918	8057130	0.83	cps
Bismuth	209-2	5483799	5570559	5528831	5527730	0.78	cps
Boron	10-1	5960	5426	5885	5757	5.02	cps
Boron	11-1	29112	27542	28144	28266	2.80	cps
Cadmium	111-1	4381	4488	4334	4401	1.80	cps
Cadmium	106-1	3951	4076	4017	4015	1.56	cps
Cadmium	108-1	163	158	225	182	20.53	cps
Calcium	43-1	12431	12206	12306	12314	0.92	cps
Calcium	44-1	208510	209177	209659	209115	0.28	cps
Chromium	52-2	7305	7182	7239	7242	0.85	cps
Cobalt	59-2	5028	5238	4794	5020	4.42	cps
Copper	63-2	7465	7729	7562	7585	1.76	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	42	42	58	47	20.38	cps
Erbium	164-2	27	20	30	26	19.92	cps
Gadolinium	160-1	100	158	83	114	34.58	cps
Gadolinium	160-2	153	187	173	171	9.80	cps
Holmium	165-1	12729371	12864521	12808760	12800884	0.53	cps
Holmium	165-2	7679280	7724899	7583328	7662502	0.94	cps
Indium	115-1	10070451	10090202	10135394	10098683	0.33	cps
Indium	115-2	2716755	2734594	2686569	2712640	0.89	cps
Iron	56-2	138849	140039	137885	138925	0.78	cps
Iron	57-2	4023	4067	4073	4054	0.68	cps
Lead	206-1	5863	5657	5963	5827	2.67	cps
Lead	207-1	5162	5407	5218	5262	2.44	cps
Lead	208-1	23531	23342	23776	23550	0.92	cps
Lithium	6-1	3141364	3134349	3152741	3142818	0.30	cps
Magnesium	24-2	124984	126328	125177	125497	0.58	cps
Manganese	55-2	2057	2084	1950	2030	3.48	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:49:44	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	16218	15409	16035	15887	2.67	cps
Molybdenum	95-1	18696	19122	19381	19066	1.81	cps
Molybdenum	96-1	21058	20624	21634	21105	2.40	cps
Molybdenum	97-1	12089	11272	12031	11797	3.87	cps
Molybdenum	98-1	30083	31110	31151	30781	1.97	cps
Neodymium	150-1	13	13	13	13	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1530	1413	1403	1449	4.86	cps
Phosphorus	31-2	517	417	375	436	16.70	cps
Potassium	39-2	200470	201475	198434	200126	0.77	cps
Rhodium	103-1	9683968	9862734	9798229	9781644	0.93	cps
Rhodium	103-2	5377468	5437725	5381387	5398860	0.62	cps
Scandium	45-1	7254727	7202401	7299779	7252302	0.67	cps
Scandium	45-2	439333	443528	434463	439108	1.03	cps
Selenium	77-2	40	50	37	42	16.43	cps
Selenium	78-2	211	281	241	244	14.46	cps
Selenium	82-1	580	657	695	644	9.14	cps
Silicon	28-1	588971	583677	590017	587555	0.58	cps
Silver	109-1	8962	8653	9470	9028	4.57	cps
Silver	107-1	9228	9729	9403	9454	2.69	cps
Sodium	23-2	248780	251476	245637	248631	1.18	cps
Strontium	86-1	3376	3226	3209	3270	2.81	cps
Strontium	88-1	20749	21801	22176	21575	3.43	cps
Sulfur	34-1	634209	630374	630855	631813	0.33	cps
Terbium	159-1	13112462	13159901	13086485	13119616	0.28	cps
Terbium	159-2	7748770	7687636	7647625	7694677	0.66	cps
Thallium	203-1	7594	6902	7252	7249	4.77	cps
Thallium	205-1	17596	17437	17312	17448	0.81	cps
Tin	118-1	28789	29991	29590	29457	2.08	cps
Titanium	47-1	6268	5710	6076	6018	4.72	cps
Uranium	238-1	22278	22654	22612	22515	0.91	cps
Vanadium	51-2	12839	13099	12539	12826	2.19	cps
Yttrium	89-1	10954345	11032528	10981028	10989300	0.36	cps
Yttrium	89-2	2135090	2172082	2124612	2143928	1.16	cps
Zinc	66-2	1197	1273	1290	1253	3.97	cps
Zirconium	90-1	14716	13891	13632	14080	4.02	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:49:44	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3234	3309	2909	3150	6.75	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:53:36	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	122809	121894	121120	121941	0.69	cps
Antimony	121-1	415824	415647	415068	415513	0.10	cps
Arsenic	75-2	20681	21017	20778	20825	0.83	cps
Barium	135-1	482401	479131	495076	485536	1.73	cps
Barium	137-1	841726	846039	858542	848769	1.03	cps
Beryllium	9-1	115928	118711	116981	117207	1.20	cps
Bismuth	209-1	8028789	8108806	8038434	8058676	0.54	cps
Bismuth	209-2	5611520	5689494	5615561	5638858	0.78	cps
Boron	10-1	12973	12581	13381	12978	3.08	cps
Boron	11-1	60472	59200	61250	60308	1.72	cps
Cadmium	111-1	104203	105638	103842	104561	0.91	cps
Cadmium	106-1	14508	15434	14867	14936	3.13	cps
Cadmium	108-1	7869	7519	7694	7694	2.28	cps
Calcium	43-1	130723	130102	130826	130550	0.30	cps
Calcium	44-1	2147054	2149172	2129458	2141895	0.51	cps
Chromium	52-2	169014	171926	170343	170427	0.86	cps
Cobalt	59-2	264852	262678	260541	262690	0.82	cps
Copper	63-2	365398	366575	365279	365751	0.20	cps
Dysprosium	156-1	25	33	33	31	15.74	cps
Dysprosium	156-2	13	13	23	17	34.65	cps
Erbium	164-1	58	50	33	47	26.97	cps
Erbium	164-2	17	20	27	21	24.12	cps
Gadolinium	160-1	133	92	67	97	34.64	cps
Gadolinium	160-2	190	153	193	179	12.41	cps
Holmium	165-1	12914098	12936046	12841668	12897271	0.38	cps
Holmium	165-2	7759604	7799066	7688183	7748951	0.73	cps
Indium	115-1	10205471	10178534	9984611	10122872	1.19	cps
Indium	115-2	2729787	2735569	2697585	2720980	0.75	cps
Iron	56-2	7105581	7156229	7040394	7100735	0.82	cps
Iron	57-2	173672	171715	173794	173060	0.67	cps
Lead	206-1	311161	308889	307900	309317	0.54	cps
Lead	207-1	270009	271642	268587	270079	0.57	cps
Lead	208-1	1229062	1233573	1221405	1228014	0.50	cps
Lithium	6-1	3138221	3187351	3155167	3160246	0.79	cps
Magnesium	24-2	1391753	1381582	1363847	1379060	1.02	cps
Manganese	55-2	200324	199850	199006	199727	0.33	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:53:36	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	829101	825712	821762	825525	0.44	cps
Molybdenum	95-1	1033103	1027360	1026975	1029146	0.33	cps
Molybdenum	96-1	1122783	1122729	1115858	1120456	0.36	cps
Molybdenum	97-1	628128	635980	624592	629567	0.93	cps
Molybdenum	98-1	1614981	1640145	1614375	1623167	0.91	cps
Neodymium	150-1	60	47	53	53	12.50	cps
Neodymium	150-2	7	7	10	8	24.71	cps
Nickel	60-2	69155	68827	68764	68916	0.30	cps
Phosphorus	31-2	8052	7335	7594	7661	4.74	cps
Potassium	39-2	793573	789353	776540	786489	1.13	cps
Rhodium	103-1	9750193	9888366	9743344	9793968	0.84	cps
Rhodium	103-2	5433074	5418189	5375535	5408932	0.55	cps
Scandium	45-1	7304824	7338126	7280067	7307672	0.40	cps
Scandium	45-2	436445	434466	436859	435923	0.29	cps
Selenium	77-2	450	470	443	454	3.05	cps
Selenium	78-2	1683	1606	1513	1601	5.33	cps
Selenium	82-1	6576	6692	6716	6661	1.12	cps
Silicon	28-1	843888	843134	842854	843292	0.06	cps
Silver	109-1	479388	480211	480517	480038	0.12	cps
Silver	107-1	499922	510639	503101	504554	1.09	cps
Sodium	23-2	2572237	2569829	2541031	2561033	0.68	cps
Strontium	86-1	129773	130305	129700	129926	0.25	cps
Strontium	88-1	1135186	1142698	1156238	1144707	0.93	cps
Sulfur	34-1	679148	674460	677121	676909	0.35	cps
Terbium	159-1	13214284	13178535	13271111	13221310	0.35	cps
Terbium	159-2	7699292	7691163	7736563	7709006	0.31	cps
Thallium	203-1	369252	378388	374627	374089	1.23	cps
Thallium	205-1	895521	908912	902006	902147	0.74	cps
Tin	118-1	314141	317852	312242	314745	0.91	cps
Titanium	47-1	315231	318625	311530	315129	1.13	cps
Uranium	238-1	1229567	1229686	1241812	1233688	0.57	cps
Vanadium	51-2	139950	139219	140481	139883	0.45	cps
Yttrium	89-1	11042719	11034670	11064823	11047404	0.14	cps
Yttrium	89-2	2146409	2150404	2133145	2143319	0.42	cps
Zinc	66-2	56281	56857	55733	56290	1.00	cps
Zirconium	90-1	686716	691886	686115	688239	0.46	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:53:36	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	153776	154204	152051	153344	0.74	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:57:46	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	296117	296726	293717	295520	0.54	cps
Antimony	121-1	1056549	1055313	1048167	1053343	0.43	cps
Arsenic	75-2	50993	50431	50312	50579	0.72	cps
Barium	135-1	1232870	1228041	1206849	1222587	1.13	cps
Barium	137-1	2162493	2135758	2140753	2146335	0.66	cps
Beryllium	9-1	287403	291584	290236	289741	0.74	cps
Bismuth	209-1	8038328	8018446	8122392	8059722	0.68	cps
Bismuth	209-2	5559995	5550431	5583242	5564556	0.30	cps
Boron	10-1	31484	33279	32895	32553	2.90	cps
Boron	11-1	149441	149761	152075	150426	0.96	cps
Cadmium	111-1	257061	256944	255654	256553	0.30	cps
Cadmium	106-1	31544	30985	32112	31547	1.79	cps
Cadmium	108-1	19188	19013	18984	19062	0.58	cps
Calcium	43-1	328820	322389	327539	326249	1.04	cps
Calcium	44-1	5316841	5244718	5278895	5280151	0.68	cps
Chromium	52-2	414756	409727	412174	412219	0.61	cps
Cobalt	59-2	642302	633081	641192	638858	0.79	cps
Copper	63-2	894882	888529	891228	891546	0.36	cps
Dysprosium	156-1	0	33	108	47	117.51	cps
Dysprosium	156-2	13	27	20	20	33.35	cps
Erbium	164-1	33	100	58	64	52.72	cps
Erbium	164-2	17	37	33	29	37.08	cps
Gadolinium	160-1	75	183	58	106	64.30	cps
Gadolinium	160-2	150	147	140	146	3.50	cps
Holmium	165-1	12931895	12889466	12843078	12888147	0.34	cps
Holmium	165-2	7784250	7666271	7672559	7707693	0.86	cps
Indium	115-1	9999500	10037938	10034545	10023994	0.21	cps
Indium	115-2	2691221	2655394	2655900	2667505	0.77	cps
Iron	56-2	17555143	17313453	17393936	17420844	0.71	cps
Iron	57-2	431305	422902	428016	427407	0.99	cps
Lead	206-1	773828	773336	769670	772278	0.29	cps
Lead	207-1	676656	669190	673430	673092	0.56	cps
Lead	208-1	3082873	3064782	3082581	3076745	0.34	cps
Lithium	6-1	3145358	3149620	3160697	3151891	0.25	cps
Magnesium	24-2	3393378	3354569	3366850	3371599	0.59	cps
Manganese	55-2	486078	485549	483939	485188	0.23	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:57:46	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2088587	2077424	2064615	2076875	0.58	cps
Molybdenum	95-1	2566529	2575784	2544366	2562226	0.63	cps
Molybdenum	96-1	2801260	2823248	2794102	2806203	0.54	cps
Molybdenum	97-1	1588185	1581221	1579679	1583029	0.29	cps
Molybdenum	98-1	4097350	4138210	4118738	4118099	0.50	cps
Neodymium	150-1	33	133	93	87	58.08	cps
Neodymium	150-2	13	17	17	16	12.40	cps
Nickel	60-2	169416	167828	166908	168051	0.75	cps
Phosphorus	31-2	19071	18671	18512	18751	1.54	cps
Potassium	39-2	1837193	1806212	1819906	1821104	0.85	cps
Rhodium	103-1	9660154	9619230	9609366	9629583	0.28	cps
Rhodium	103-2	5361311	5268959	5299215	5309828	0.89	cps
Scandium	45-1	7208391	7172706	7229172	7203423	0.40	cps
Scandium	45-2	429918	421730	422632	424760	1.06	cps
Selenium	77-2	1123	1080	1110	1105	2.01	cps
Selenium	78-2	4019	3543	3810	3791	6.29	cps
Selenium	82-1	16286	16536	16707	16510	1.28	cps
Silicon	28-1	1363692	1363357	1361325	1362791	0.09	cps
Silver	109-1	1201271	1207474	1206304	1205016	0.27	cps
Silver	107-1	1270018	1262506	1256396	1262973	0.54	cps
Sodium	23-2	6240178	6169200	6196513	6201964	0.58	cps
Strontium	86-1	320607	322529	326134	323090	0.87	cps
Strontium	88-1	2862216	2841367	2872211	2858598	0.55	cps
Sulfur	34-1	731363	730881	726916	729720	0.33	cps
Terbium	159-1	13114866	13264148	13159429	13179481	0.58	cps
Terbium	159-2	7766350	7701309	7636130	7701263	0.85	cps
Thallium	203-1	951370	939186	945549	945368	0.64	cps
Thallium	205-1	2278122	2285808	2277642	2280524	0.20	cps
Tin	118-1	788066	788027	790508	788867	0.18	cps
Titanium	47-1	776758	772865	773093	774239	0.28	cps
Uranium	238-1	3159573	3133002	3148145	3146907	0.42	cps
Vanadium	51-2	345757	339423	339882	341687	1.03	cps
Yttrium	89-1	10981253	10958035	10918209	10952499	0.29	cps
Yttrium	89-2	2113184	2098524	2086307	2099338	0.64	cps
Zinc	66-2	137604	134190	136268	136021	1.27	cps
Zirconium	90-1	1724171	1761505	1732172	1739283	1.13	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:57:46	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	381689	389515	382231	384478	1.14	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:01:34	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	562300	567209	556742	562084	0.93	cps
Antimony	121-1	2106365	2117554	2135998	2119973	0.71	cps
Arsenic	75-2	96773	97658	97252	97228	0.46	cps
Barium	135-1	2450322	2476575	2493686	2473528	0.88	cps
Barium	137-1	4263905	4338406	4356734	4319682	1.14	cps
Beryllium	9-1	565575	571942	568832	568783	0.56	cps
Bismuth	209-1	8001657	8150744	8092555	8081652	0.93	cps
Bismuth	209-2	5450079	5564527	5505281	5506629	1.04	cps
Boron	10-1	63132	64379	65249	64254	1.66	cps
Boron	11-1	298216	296231	302632	299027	1.10	cps
Cadmium	111-1	503071	505418	509379	505956	0.63	cps
Cadmium	106-1	58907	58304	57016	58075	1.66	cps
Cadmium	108-1	37763	37558	38473	37932	1.27	cps
Calcium	43-1	632688	641490	633473	635884	0.77	cps
Calcium	44-1	10268480	10326794	10287616	10294297	0.29	cps
Chromium	52-2	788929	798375	785265	790856	0.86	cps
Cobalt	59-2	1228066	1233346	1213306	1224906	0.85	cps
Copper	63-2	1715248	1723173	1702025	1713482	0.62	cps
Dysprosium	156-1	75	67	83	75	11.11	cps
Dysprosium	156-2	30	47	37	38	22.21	cps
Erbium	164-1	50	33	42	42	20.00	cps
Erbium	164-2	20	33	60	38	53.92	cps
Gadolinium	160-1	75	83	117	92	24.05	cps
Gadolinium	160-2	157	203	160	173	15.02	cps
Holmium	165-1	12906205	12965359	12895435	12922333	0.29	cps
Holmium	165-2	7706612	7700495	7632564	7679890	0.54	cps
Indium	115-1	9927357	9973099	10115129	10005195	0.98	cps
Indium	115-2	2575384	2601387	2571145	2582639	0.63	cps
Iron	56-2	33469070	33677367	33092626	33413021	0.89	cps
Iron	57-2	818579	818950	818017	818516	0.06	cps
Lead	206-1	1549997	1554540	1565655	1556731	0.52	cps
Lead	207-1	1360522	1360064	1373704	1364763	0.57	cps
Lead	208-1	6202272	6217292	6237510	6219025	0.28	cps
Lithium	6-1	3122685	3179203	3167096	3156328	0.94	cps
Magnesium	24-2	6382025	6365754	6295678	6347819	0.72	cps
Manganese	55-2	931269	940827	922277	931457	1.00	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:01:34	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4169623	4153671	4173997	4165764	0.26	cps
Molybdenum	95-1	5170245	5119691	5186332	5158756	0.67	cps
Molybdenum	96-1	5680664	5620231	5675110	5658668	0.59	cps
Molybdenum	97-1	3151209	3172277	3157485	3160324	0.34	cps
Molybdenum	98-1	8107193	8136879	8153416	8132496	0.29	cps
Neodymium	150-1	147	213	133	164	26.06	cps
Neodymium	150-2	23	20	27	23	14.29	cps
Nickel	60-2	324442	325222	318934	322866	1.06	cps
Phosphorus	31-2	33906	33973	33330	33736	1.05	cps
Potassium	39-2	3411986	3395745	3372563	3393431	0.58	cps
Rhodium	103-1	9464068	9583277	9625007	9557451	0.87	cps
Rhodium	103-2	5135769	5212734	5113516	5154006	1.01	cps
Scandium	45-1	7093731	7136926	7073147	7101268	0.46	cps
Scandium	45-2	406016	407935	401154	405035	0.86	cps
Selenium	77-2	1910	2170	2270	2117	8.78	cps
Selenium	78-2	7233	7117	6920	7090	2.23	cps
Selenium	82-1	32618	32335	32619	32524	0.50	cps
Silicon	28-1	2209271	2221019	2207667	2212652	0.33	cps
Silver	109-1	2388205	2387986	2392296	2389496	0.10	cps
Silver	107-1	2499892	2501023	2502419	2501111	0.05	cps
Sodium	23-2	11863305	11789480	11669386	11774057	0.83	cps
Strontium	86-1	642257	640738	641274	641423	0.12	cps
Strontium	88-1	5745952	5648910	5735270	5710044	0.93	cps
Sulfur	34-1	819661	814523	808099	814094	0.71	cps
Terbium	159-1	13229442	13293396	13323192	13282010	0.36	cps
Terbium	159-2	7662622	7654764	7625333	7647573	0.26	cps
Thallium	203-1	1905285	1907808	1923263	1912118	0.51	cps
Thallium	205-1	4629301	4633118	4647253	4636557	0.20	cps
Tin	118-1	1569453	1573099	1591592	1578048	0.75	cps
Titanium	47-1	1536501	1533775	1532427	1534234	0.14	cps
Uranium	238-1	6317512	6413560	6375375	6368816	0.76	cps
Vanadium	51-2	655230	657458	651573	654754	0.45	cps
Yttrium	89-1	10833852	10861019	10856973	10850615	0.14	cps
Yttrium	89-2	2028459	2043538	2015323	2029107	0.70	cps
Zinc	66-2	260279	263815	259601	261232	0.87	cps
Zirconium	90-1	3448271	3479748	3483081	3470366	0.55	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:01:34	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	762670	769241	767202	766371	0.44	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:05:20	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1067386	1055951	1052851	1058730	0.72	cps
Antimony	121-1	4179880	4213987	4213231	4202366	0.46	cps
Arsenic	75-2	185322	186899	184801	185674	0.59	cps
Barium	135-1	4869563	4876205	4907905	4884558	0.42	cps
Barium	137-1	8346901	8408446	8303498	8352948	0.63	cps
Beryllium	9-1	1109147	1091902	1083733	1094927	1.18	cps
Bismuth	209-1	8062531	8046242	8075829	8061534	0.18	cps
Bismuth	209-2	5387365	5456506	5411688	5418520	0.65	cps
Boron	10-1	124460	123465	123080	123668	0.58	cps
Boron	11-1	578287	575939	581170	578465	0.45	cps
Cadmium	111-1	992735	980032	976194	982987	0.88	cps
Cadmium	106-1	107616	111569	109629	109605	1.80	cps
Cadmium	108-1	72686	73062	73247	72998	0.39	cps
Calcium	43-1	1222735	1207674	1210867	1213759	0.65	cps
Calcium	44-1	19927966	19729506	19466168	19707880	1.18	cps
Chromium	52-2	1499272	1505728	1506290	1503764	0.26	cps
Cobalt	59-2	2316263	2322187	2314647	2317699	0.17	cps
Copper	63-2	3246151	3257199	3243542	3248964	0.22	cps
Dysprosium	156-1	92	125	83	100	22.05	cps
Dysprosium	156-2	63	97	73	78	22.00	cps
Erbium	164-1	92	25	75	64	54.31	cps
Erbium	164-2	13	33	33	27	43.31	cps
Gadolinium	160-1	108	133	125	122	10.41	cps
Gadolinium	160-2	157	180	153	163	8.89	cps
Holmium	165-1	13046402	12870141	13014298	12976947	0.72	cps
Holmium	165-2	7685519	7700875	7608138	7664844	0.65	cps
Indium	115-1	9773169	9756985	9788312	9772822	0.16	cps
Indium	115-2	2478266	2496399	2491107	2488590	0.37	cps
Iron	56-2	63607792	63874163	63348719	63610225	0.41	cps
Iron	57-2	1548373	1557458	1551198	1552343	0.30	cps
Lead	206-1	3115754	3112080	3116309	3114715	0.07	cps
Lead	207-1	2722079	2723801	2733316	2726398	0.22	cps
Lead	208-1	12528183	12541055	12578782	12549340	0.21	cps
Lithium	6-1	3108827	3104872	3113291	3108997	0.14	cps
Magnesium	24-2	12037132	11997287	11909531	11981317	0.54	cps
Manganese	55-2	1763614	1775377	1762069	1767020	0.41	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:05:20	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8041811	8025484	7961167	8009487	0.53	cps
Molybdenum	95-1	9966291	9925624	9889277	9927064	0.39	cps
Molybdenum	96-1	10968963	10867401	10794839	10877068	0.80	cps
Molybdenum	97-1	6219393	6148966	6175780	6181380	0.58	cps
Molybdenum	98-1	15903425	15846080	15847826	15865777	0.21	cps
Neodymium	150-1	320	353	300	324	8.31	cps
Neodymium	150-2	47	43	47	46	4.23	cps
Nickel	60-2	603128	602028	601245	602134	0.16	cps
Phosphorus	31-2	63494	62942	64029	63489	0.86	cps
Potassium	39-2	6238796	6199593	6230130	6222840	0.33	cps
Rhodium	103-1	9189104	9238624	9145119	9190949	0.51	cps
Rhodium	103-2	4936596	4989497	4938399	4954830	0.61	cps
Scandium	45-1	6846370	6816947	6728489	6797269	0.90	cps
Scandium	45-2	383703	386146	385738	385196	0.34	cps
Selenium	77-2	3804	4097	3727	3876	5.04	cps
Selenium	78-2	13264	13076	13015	13118	0.99	cps
Selenium	82-1	63226	62483	62392	62700	0.73	cps
Silicon	28-1	3775151	3711664	3742712	3743176	0.85	cps
Silver	109-1	4687382	4679528	4626726	4664545	0.71	cps
Silver	107-1	4887741	4852367	4840844	4860317	0.50	cps
Sodium	23-2	22228902	22280434	21970793	22160043	0.75	cps
Strontium	86-1	1245305	1250709	1243851	1246621	0.29	cps
Strontium	88-1	10926923	10950342	10916821	10931362	0.16	cps
Sulfur	34-1	966272	953134	945295	954900	1.11	cps
Terbium	159-1	13325551	13300369	13186042	13270654	0.56	cps
Terbium	159-2	7623466	7617784	7568840	7603363	0.39	cps
Thallium	203-1	3864516	3821119	3856953	3847529	0.60	cps
Thallium	205-1	9121360	9143846	9118977	9128061	0.15	cps
Tin	118-1	3111802	3100981	3114372	3109052	0.23	cps
Titanium	47-1	2987102	2935644	2917753	2946833	1.22	cps
Uranium	238-1	12835760	12789416	12959627	12861601	0.68	cps
Vanadium	51-2	1250066	1253706	1247056	1250276	0.27	cps
Yttrium	89-1	10563689	10608728	10581699	10584705	0.21	cps
Yttrium	89-2	1951430	1971922	1962506	1961953	0.52	cps
Zinc	66-2	493450	498989	491101	494513	0.82	cps
Zirconium	90-1	6768608	6748151	6711521	6742760	0.43	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:05:20	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1494611	1494232	1488300	1492381	0.24	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:09:04	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2132663	2134413	2136620	2134565	0.09	cps
Antimony	121-1	8255091	8396140	8332193	8327808	0.85	cps
Arsenic	75-2	374832	375415	377618	375955	0.39	cps
Barium	135-1	9646319	9852244	9665821	9721461	1.17	cps
Barium	137-1	16681657	16992178	16866384	16846740	0.93	cps
Beryllium	9-1	2105292	2144981	2095738	2115337	1.23	cps
Bismuth	209-1	7947222	7352551	7909918	7736564	4.31	cps
Bismuth	209-2	5349320	5359193	5421822	5376778	0.73	cps
Boron	10-1	241709	246974	245322	244668	1.10	cps
Boron	11-1	1125633	1155581	1145815	1142343	1.34	cps
Cadmium	111-1	1922627	1951803	1928448	1934293	0.80	cps
Cadmium	106-1	210482	212818	212012	211771	0.56	cps
Cadmium	108-1	142121	146889	143198	144069	1.74	cps
Calcium	43-1	2422932	2467747	2422805	2437828	1.06	cps
Calcium	44-1	39143336	39855571	39142192	39380366	1.05	cps
Chromium	52-2	3032011	3018606	3055136	3035251	0.61	cps
Cobalt	59-2	4648022	4656346	4676434	4660267	0.31	cps
Copper	63-2	6321295	6331629	6373253	6342059	0.43	cps
Dysprosium	156-1	125	100	100	108	13.32	cps
Dysprosium	156-2	133	143	163	147	10.41	cps
Erbium	164-1	67	58	17	47	56.72	cps
Erbium	164-2	27	43	37	36	23.58	cps
Gadolinium	160-1	100	125	117	114	11.18	cps
Gadolinium	160-2	180	207	217	201	9.43	cps
Holmium	165-1	13011193	11914430	12938564	12621396	4.86	cps
Holmium	165-2	7757055	7687480	7730202	7724912	0.45	cps
Indium	115-1	9574278	8843389	9578501	9332056	4.53	cps
Indium	115-2	2457502	2466825	2492365	2472231	0.73	cps
Iron	56-2	127265703	126793833	128314617	127458051	0.61	cps
Iron	57-2	3105163	3110088	3124718	3113323	0.33	cps
Lead	206-1	6269550	6324437	6182332	6258773	1.14	cps
Lead	207-1	5452460	5513038	5458631	5474710	0.61	cps
Lead	208-1	24783334	25156732	24735438	24891835	0.93	cps
Lithium	6-1	3049832	2787684	2999820	2945779	4.72	cps
Magnesium	24-2	23691619	23912138	23864403	23822720	0.49	cps
Manganese	55-2	3574409	3566968	3612446	3584608	0.68	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:09:04	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	15983082	16208302	15978222	16056535	0.82	cps
Molybdenum	95-1	19747883	19999966	19887808	19878552	0.64	cps
Molybdenum	96-1	21815510	21957585	21802235	21858444	0.39	cps
Molybdenum	97-1	12382044	12528146	12402220	12437470	0.64	cps
Molybdenum	98-1	31698828	32114608	31696546	31836660	0.76	cps
Neodymium	150-1	573	480	547	533	9.01	cps
Neodymium	150-2	50	77	70	66	21.17	cps
Nickel	60-2	1191992	1190050	1208862	1196968	0.86	cps
Phosphorus	31-2	127584	127702	126247	127177	0.64	cps
Potassium	39-2	12525557	12604416	12571047	12567006	0.31	cps
Rhodium	103-1	9078014	8307426	9015798	8800413	4.86	cps
Rhodium	103-2	4920233	4913744	4935314	4923097	0.22	cps
Scandium	45-1	6734972	6188908	6677416	6533765	4.59	cps
Scandium	45-2	390627	391315	393455	391799	0.38	cps
Selenium	77-2	7796	8162	8019	7992	2.31	cps
Selenium	78-2	26298	26554	26572	26475	0.58	cps
Selenium	82-1	122972	124211	123913	123699	0.52	cps
Silicon	28-1	4973437	5056363	5003353	5011051	0.84	cps
Silver	109-1	9158552	9251046	9155444	9188348	0.59	cps
Silver	107-1	9657154	9822454	9653760	9711123	0.99	cps
Sodium	23-2	44232813	44469086	44367734	44356545	0.27	cps
Strontium	86-1	2510289	2520578	2490882	2507250	0.60	cps
Strontium	88-1	21969997	21989036	21857934	21938989	0.32	cps
Sulfur	34-1	1321786	1335441	1318174	1325134	0.69	cps
Terbium	159-1	13152275	12122262	13240651	12838396	4.84	cps
Terbium	159-2	7704352	7626992	7638397	7656580	0.55	cps
Thallium	203-1	7606414	7729196	7600573	7645394	0.95	cps
Thallium	205-1	18136075	18446849	18081749	18221558	1.08	cps
Tin	118-1	6194483	6403315	6164153	6253984	2.08	cps
Titanium	47-1	5790277	5881207	5834384	5835289	0.78	cps
Uranium	238-1	25646772	25852134	25646437	25715114	0.46	cps
Vanadium	51-2	2528569	2534566	2544044	2535726	0.31	cps
Yttrium	89-1	10584538	9691245	10461043	10245609	4.72	cps
Yttrium	89-2	1973564	1994504	2000102	1989390	0.70	cps
Zinc	66-2	954836	969247	973830	965971	1.03	cps
Zirconium	90-1	13387852	13669020	13559102	13538658	1.05	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:09:04	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2973192	3006887	2974326	2984802	0.64	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:12:47	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11907093	11919136	11912916	11913049	0.05	cps
Antimony	121-1	16961	18605	19840	18469	7.82	cps
Arsenic	75-2	620	611	606	612	1.22	cps
Barium	135-1	3092	2859	2825	2925	4.97	cps
Barium	137-1	5285	4976	5076	5112	3.08	cps
Beryllium	9-1	472	411	456	446	7.08	cps
Bismuth	209-1	7385879	7309994	7354147	7350007	0.52	cps
Bismuth	209-2	4953878	4980909	5027511	4987433	0.75	cps
Boron	10-1	4751	4393	4484	4543	4.10	cps
Boron	11-1	21858	21132	20832	21274	2.48	cps
Cadmium	111-1	2685	2753	2520	2652	4.52	cps
Cadmium	106-1	3409	3509	3150	3356	5.51	cps
Cadmium	108-1	38	29	33	33	12.50	cps
Calcium	43-1	12735705	12813543	12885708	12811652	0.59	cps
Calcium	44-1	207061530	208055409	209556396	208224445	0.60	cps
Chromium	52-2	87853	86817	86358	87009	0.88	cps
Cobalt	59-2	58614	58714	58734	58687	0.11	cps
Copper	63-2	8729	8473	8436	8546	1.87	cps
Dysprosium	156-1	67	58	83	69	18.33	cps
Dysprosium	156-2	27	60	50	46	37.54	cps
Erbium	164-1	75	58	33	56	37.75	cps
Erbium	164-2	20	30	37	29	29.04	cps
Gadolinium	160-1	83	108	83	92	15.74	cps
Gadolinium	160-2	200	170	193	188	8.39	cps
Holmium	165-1	12768155	12739279	12755216	12754217	0.11	cps
Holmium	165-2	7755141	7662247	7702297	7706562	0.60	cps
Indium	115-1	9353927	9333765	9292977	9326890	0.33	cps
Indium	115-2	2507824	2507367	2514169	2509786	0.15	cps
Iron	56-2	661094548	663097770	666873437	663688585	0.44	cps
Iron	57-2	16172232	16091308	16127014	16130185	0.25	cps
Lead	206-1	34434	35253	35615	35101	1.72	cps
Lead	207-1	28342	28164	28570	28359	0.72	cps
Lead	208-1	132945	133609	135031	133862	0.80	cps
Lithium	6-1	2918762	2904373	2939030	2920722	0.60	cps
Magnesium	24-2	130979707	131385295	131228545	131197849	0.16	cps
Manganese	55-2	14110	14427	14481	14339	1.40	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:12:47	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	17178	16860	16627	16888	1.64	cps
Molybdenum	95-1	29289	27561	27360	28070	3.78	cps
Molybdenum	96-1	33290	31953	32563	32602	2.05	cps
Molybdenum	97-1	18062	17528	17645	17745	1.58	cps
Molybdenum	98-1	45883	44897	43501	44760	2.67	cps
Neodymium	150-1	133	160	153	149	9.32	cps
Neodymium	150-2	40	60	67	56	24.98	cps
Nickel	60-2	31698	31761	31223	31561	0.93	cps
Phosphorus	31-2	475	467	383	442	11.48	cps
Potassium	39-2	70011608	69496364	69716399	69741457	0.37	cps
Rhodium	103-1	8548381	8667591	8622452	8612808	0.70	cps
Rhodium	103-2	4743804	4777502	4756472	4759259	0.36	cps
Scandium	45-1	6847541	6837248	6907108	6863966	0.55	cps
Scandium	45-2	427138	423660	423460	424753	0.49	cps
Selenium	77-2	10	17	0	9	94.38	cps
Selenium	78-2	122	137	135	131	6.14	cps
Selenium	82-1	157	134	100	130	21.98	cps
Silicon	28-1	1023480	1050219	1064312	1046004	1.98	cps
Silver	109-1	1333	1317	1133	1261	8.80	cps
Silver	107-1	1375	1408	1258	1347	5.85	cps
Sodium	23-2	243534580	243632947	244750822	243972783	0.28	cps
Strontium	86-1	82026	83233	85110	83457	1.86	cps
Strontium	88-1	727092	723838	733919	728283	0.71	cps
Sulfur	34-1	505010	507840	512286	508379	0.72	cps
Terbium	159-1	13017916	12900218	13049279	12989138	0.61	cps
Terbium	159-2	7737239	7642483	7682686	7687470	0.62	cps
Thallium	203-1	2984	3059	2717	2920	6.15	cps
Thallium	205-1	7719	6785	6485	6997	9.20	cps
Tin	118-1	15259	14817	15434	15170	2.10	cps
Titanium	47-1	3334	3276	3284	3298	0.96	cps
Uranium	238-1	1967	2059	1625	1884	12.13	cps
Vanadium	51-2	1190	1160	1293	1215	5.76	cps
Yttrium	89-1	10547935	10518759	10599488	10555394	0.39	cps
Yttrium	89-2	2070099	2068866	2077245	2072070	0.22	cps
Zinc	66-2	5555	5374	5311	5413	2.33	cps
Zirconium	90-1	3976	3234	3859	3690	10.81	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:12:47	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	850	758	700	769	9.83	cps

LB Number : LB94752 Operator : Jaswal
 Lab Sample ID : ICV Instrumnet Name : P7
 Client Sample ID : ICV Dilution Factor : 1
 Date & Time Acquired :: 2018-04-19 17:20:55 DataFile Name : 013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	62071	61846	62205	62041	0.29	cps
Antimony	121-1	1657489	1646783	1644244	1649505	0.43	cps
Arsenic	75-2	80785	81610	81365	81254	0.52	cps
Barium	135-1	195598	193936	195685	195073	0.51	cps
Barium	137-1	339291	341885	342018	341065	0.45	cps
Beryllium	9-1	216317	216887	218731	217312	0.58	cps
Bismuth	209-1	8389960	8337469	8411685	8379705	0.46	cps
Bismuth	209-2	5665702	5686718	5713407	5688609	0.42	cps
Boron	10-1	144004	147302	144650	145318	1.20	cps
Boron	11-1	677392	683692	680237	680440	0.46	cps
Cadmium	111-1	209705	212280	211644	211210	0.64	cps
Cadmium	106-1	42799	43008	42247	42685	0.92	cps
Cadmium	108-1	21671	21058	21262	21330	1.46	cps
Calcium	43-1	58525	60199	58927	59217	1.48	cps
Calcium	44-1	916882	916745	913188	915605	0.23	cps
Chromium	52-2	324491	329347	327359	327066	0.75	cps
Cobalt	59-2	511523	516930	519285	515913	0.77	cps
Copper	63-2	360091	362902	364136	362376	0.57	cps
Dysprosium	156-1	8	8	42	19	99.00	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	92	108	158	119	29.05	cps
Erbium	164-2	73	43	53	57	26.96	cps
Gadolinium	160-1	100	42	100	81	41.81	cps
Gadolinium	160-2	160	157	170	162	4.28	cps
Holmium	165-1	13135928	13325586	13287877	13249797	0.76	cps
Holmium	165-2	7944800	7990006	8076924	8003910	0.84	cps
Indium	115-1	10259656	10282974	10304264	10282298	0.22	cps
Indium	115-2	2729495	2725759	2756321	2737192	0.61	cps
Iron	56-2	2786000	2833263	2833064	2817442	0.97	cps
Iron	57-2	69710	70135	70397	70080	0.49	cps
Lead	206-1	1255806	1251312	1257929	1255016	0.27	cps
Lead	207-1	1051533	1060704	1049355	1053864	0.57	cps
Lead	208-1	4892285	4911992	4915206	4906495	0.25	cps
Lithium	6-1	3139252	3132764	3159953	3143990	0.45	cps
Magnesium	24-2	314752	315966	318521	316413	0.61	cps
Manganese	55-2	192059	195551	197426	195012	1.40	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:20:55	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3999610	4016183	3986205	4000666	0.38	cps
Molybdenum	95-1	2208938	2199319	2225835	2211364	0.61	cps
Molybdenum	96-1	2789646	2795687	2809749	2798361	0.37	cps
Molybdenum	97-1	1362950	1371299	1371005	1368418	0.35	cps
Molybdenum	98-1	3521838	3527846	3534957	3528214	0.19	cps
Neodymium	150-1	20	20	40	27	43.30	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	135258	137084	137810	136717	0.96	cps
Phosphorus	31-2	342	383	408	378	8.91	cps
Potassium	39-2	626652	629410	634252	630105	0.61	cps
Rhodium	103-1	9854636	9977272	10020155	9950687	0.86	cps
Rhodium	103-2	5436702	5488373	5505573	5476883	0.65	cps
Scandium	45-1	7387212	7393036	7365779	7382009	0.19	cps
Scandium	45-2	438015	440917	444797	441243	0.77	cps
Selenium	77-2	1850	1777	1683	1770	4.72	cps
Selenium	78-2	5870	6007	6061	5979	1.65	cps
Selenium	82-1	25660	26231	26074	25988	1.14	cps
Silicon	28-1	3883054	3868081	3889542	3880225	0.28	cps
Silver	109-1	951581	946133	961459	953058	0.82	cps
Silver	107-1	994176	995874	1002759	997603	0.46	cps
Sodium	23-2	1016176	1034951	1034023	1028383	1.03	cps
Strontium	86-1	1387993	1392939	1392012	1390981	0.19	cps
Strontium	88-1	12197405	12372671	12379130	12316402	0.84	cps
Sulfur	34-1	545900	551123	551206	549410	0.55	cps
Terbium	159-1	13468735	13657259	13600769	13575587	0.71	cps
Terbium	159-2	7897597	7967853	7993856	7953102	0.63	cps
Thallium	203-1	1563185	1578327	1561404	1567639	0.59	cps
Thallium	205-1	3779806	3772604	3737320	3763243	0.60	cps
Tin	118-1	3428875	3429301	3429971	3429382	0.02	cps
Titanium	47-1	669284	675145	666674	670368	0.65	cps
Uranium	238-1	13343843	13413706	13479193	13412247	0.50	cps
Vanadium	51-2	270378	273800	270912	271697	0.68	cps
Yttrium	89-1	11197587	11249379	11329000	11258655	0.59	cps
Yttrium	89-2	2165215	2180437	2180016	2175223	0.40	cps
Zinc	66-2	108254	109098	108899	108750	0.41	cps
Zirconium	90-1	7576977	7626601	7601104	7601561	0.33	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:20:55	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1659324	1657673	1652795	1656597	0.20	cps

LB Number : LB94752 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P7
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2018-04-19 17:25:07 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	142	75	103	33.76	cps
Antimony	121-1	3159	3826	4151	3712	13.62	cps
Arsenic	75-2	15	22	19	19	20.01	cps
Barium	135-1	83	58	67	69	18.33	cps
Barium	137-1	100	92	133	108	20.35	cps
Beryllium	9-1	156	161	200	172	14.06	cps
Bismuth	209-1	8284168	8297803	8259187	8280386	0.24	cps
Bismuth	209-2	5565546	5530010	5565142	5553566	0.37	cps
Boron	10-1	2275	2092	2009	2125	6.42	cps
Boron	11-1	10446	9712	9620	9926	4.56	cps
Cadmium	111-1	2562	2598	2530	2563	1.32	cps
Cadmium	106-1	3651	3717	3617	3662	1.39	cps
Cadmium	108-1	21	13	21	18	26.64	cps
Calcium	43-1	233	200	192	208	10.58	cps
Calcium	44-1	13732	13415	13899	13682	1.80	cps
Chromium	52-2	607	590	597	598	1.40	cps
Cobalt	59-2	140	120	83	114	25.11	cps
Copper	63-2	1080	1117	1087	1095	1.78	cps
Dysprosium	156-1	8	25	0	11	114.58	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	8	50	33	31	68.64	cps
Erbium	164-2	43	30	17	30	44.43	cps
Gadolinium	160-1	67	83	42	64	32.83	cps
Gadolinium	160-2	183	117	187	162	24.34	cps
Holmium	165-1	13229128	13192878	13141573	13187860	0.33	cps
Holmium	165-2	7862826	7869139	7841661	7857876	0.18	cps
Indium	115-1	10362519	10499691	10289930	10384047	1.03	cps
Indium	115-2	2743377	2703749	2718733	2721953	0.74	cps
Iron	56-2	7674	7374	7091	7380	3.95	cps
Iron	57-2	606	650	678	644	5.65	cps
Lead	206-1	772	967	906	882	11.28	cps
Lead	207-1	744	789	911	815	10.59	cps
Lead	208-1	3378	3584	3739	3567	5.08	cps
Lithium	6-1	3102215	3072278	3070847	3081780	0.57	cps
Magnesium	24-2	375	517	375	422	19.37	cps
Manganese	55-2	60	73	53	62	16.37	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:25:07	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1217	1142	1075	1145	6.19	cps
Molybdenum	95-1	983	1033	983	1000	2.89	cps
Molybdenum	96-1	1058	1208	1208	1158	7.48	cps
Molybdenum	97-1	692	708	692	697	1.38	cps
Molybdenum	98-1	1467	1759	1442	1556	11.32	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	70	40	37	49	37.55	cps
Phosphorus	31-2	383	400	350	378	6.74	cps
Potassium	39-2	61511	63001	61779	62097	1.28	cps
Rhodium	103-1	9998723	9987627	9905561	9963970	0.51	cps
Rhodium	103-2	5436478	5399045	5414759	5416761	0.35	cps
Scandium	45-1	7367863	7330666	7358851	7352460	0.26	cps
Scandium	45-2	433334	433919	436647	434633	0.41	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	106	107	91	101	9.03	cps
Selenium	82-1	-32	36	0	1	2461.12	cps
Silicon	28-1	447760	447246	443365	446124	0.54	cps
Silver	109-1	192	233	183	203	13.21	cps
Silver	107-1	300	308	275	294	5.89	cps
Sodium	23-2	33388	33647	34015	33683	0.93	cps
Strontium	86-1	875	867	750	831	8.41	cps
Strontium	88-1	500	458	350	436	17.75	cps
Sulfur	34-1	556964	555301	558978	557081	0.33	cps
Terbium	159-1	13431498	13575464	13536126	13514362	0.55	cps
Terbium	159-2	7855614	7793587	7862503	7837235	0.48	cps
Thallium	203-1	558	467	500	508	9.13	cps
Thallium	205-1	1167	1192	1008	1122	8.86	cps
Tin	118-1	1850	1959	1842	1884	3.46	cps
Titanium	47-1	217	142	225	194	23.61	cps
Uranium	238-1	542	383	308	411	28.98	cps
Vanadium	51-2	20	20	23	21	9.11	cps
Yttrium	89-1	11264549	11281600	11250891	11265680	0.14	cps
Yttrium	89-2	2142995	2136704	2145553	2141751	0.21	cps
Zinc	66-2	103	113	130	116	11.65	cps
Zirconium	90-1	1525	1342	1450	1439	6.41	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:25:07	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	267	258	275	267	3.13	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:28:41	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10945305	10766487	10837391	10849728	0.83	cps
Antimony	121-1	11805	12072	12031	11969	1.20	cps
Arsenic	75-2	126	156	143	141	10.51	cps
Barium	135-1	3134	3084	3117	3112	0.82	cps
Barium	137-1	4943	4934	5343	5073	4.60	cps
Beryllium	9-1	661	656	756	691	8.14	cps
Bismuth	209-1	7922231	7896713	7958302	7925749	0.39	cps
Bismuth	209-2	5250001	5280890	5251080	5260657	0.33	cps
Boron	10-1	1909	1533	1608	1683	11.79	cps
Boron	11-1	8253	7786	7577	7872	4.39	cps
Cadmium	111-1	3164	3353	3209	3242	3.05	cps
Cadmium	106-1	3459	3659	3534	3551	2.85	cps
Cadmium	108-1	1838	1738	1938	1838	5.44	cps
Calcium	43-1	2597785	2596894	2611077	2601918	0.31	cps
Calcium	44-1	41945209	42255670	42601043	42267307	0.78	cps
Chromium	52-2	75921	75214	74939	75358	0.67	cps
Cobalt	59-2	6158	6492	6141	6264	3.15	cps
Copper	63-2	28448	28097	27169	27905	2.37	cps
Dysprosium	156-1	17	58	42	39	53.93	cps
Dysprosium	156-2	33	37	30	33	10.01	cps
Erbium	164-1	42	108	92	81	43.07	cps
Erbium	164-2	27	60	47	44	37.74	cps
Gadolinium	160-1	92	83	117	97	17.84	cps
Gadolinium	160-2	200	193	137	177	19.70	cps
Holmium	165-1	13331436	13267208	13377215	13325286	0.41	cps
Holmium	165-2	7908740	7833069	7918278	7886696	0.59	cps
Indium	115-1	10279905	10208640	10263462	10250669	0.36	cps
Indium	115-2	2636457	2638558	2658138	2644384	0.45	cps
Iron	56-2	274688651	273313306	271115256	273039071	0.66	cps
Iron	57-2	6657077	6636784	6634132	6642664	0.19	cps
Lead	206-1	28943	29500	28743	29062	1.35	cps
Lead	207-1	21707	21768	22793	22089	2.76	cps
Lead	208-1	106011	106830	107878	106906	0.88	cps
Lithium	6-1	3060087	3052087	3040793	3050989	0.32	cps
Magnesium	24-2	25193716	24965682	25164330	25107909	0.49	cps
Manganese	55-2	16042	15902	15822	15922	0.70	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:28:41	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4655944	4622934	4611707	4630195	0.50	cps
Molybdenum	95-1	8164074	8307513	8266760	8246116	0.90	cps
Molybdenum	96-1	8595328	8689741	8733986	8673018	0.82	cps
Molybdenum	97-1	5022035	5063093	5041034	5042054	0.41	cps
Molybdenum	98-1	13054752	13140348	12937942	13044347	0.78	cps
Neodymium	150-1	13	60	53	42	59.78	cps
Neodymium	150-2	10	3	23	12	83.33	cps
Nickel	60-2	10150	10344	10344	10279	1.09	cps
Phosphorus	31-2	694874	685312	681420	687202	1.01	cps
Potassium	39-2	27970971	27576613	27453536	27667040	0.98	cps
Rhodium	103-1	9544061	9577766	9527187	9549671	0.27	cps
Rhodium	103-2	5152933	5131379	5130068	5138127	0.25	cps
Scandium	45-1	7265526	7314467	7336743	7305579	0.50	cps
Scandium	45-2	427416	425850	420490	424585	0.86	cps
Selenium	77-2	0	0	10	3	173.21	cps
Selenium	78-2	133	167	130	143	14.24	cps
Selenium	82-1	59	117	14	63	81.80	cps
Silicon	28-1	607572	601407	609381	606120	0.69	cps
Silver	109-1	1417	1575	1417	1470	6.22	cps
Silver	107-1	1275	1250	1550	1358	12.26	cps
Sodium	23-2	47947753	47749778	47951606	47883046	0.24	cps
Strontium	86-1	89453	90350	89671	89825	0.52	cps
Strontium	88-1	777542	781182	772889	777204	0.53	cps
Sulfur	34-1	3687887	3688078	3694187	3690051	0.10	cps
Terbium	159-1	13802031	13634846	13692206	13709694	0.62	cps
Terbium	159-2	7870583	7830001	7891263	7863949	0.40	cps
Thallium	203-1	2217	1934	2017	2056	7.09	cps
Thallium	205-1	5685	4959	4651	5098	10.41	cps
Tin	118-1	2292	2409	2375	2359	2.55	cps
Titanium	47-1	2494163	2506052	2522239	2507485	0.56	cps
Uranium	238-1	550	533	650	578	10.92	cps
Vanadium	51-2	513	517	520	517	0.65	cps
Yttrium	89-1	11377907	11368812	11307853	11351524	0.34	cps
Yttrium	89-2	2121967	2110588	2114026	2115527	0.28	cps
Zinc	66-2	6035	6198	6195	6143	1.52	cps
Zirconium	90-1	1925	1759	1575	1753	9.99	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:28:41	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	433	417	400	417	4.00	cps

LB Number : LB94752 Operator : Jaswal
 Lab Sample ID : ICSAB Instrumnet Name : P7
 Client Sample ID : ICSAB Dilution Factor : 1
 Date & Time Acquired :: 2018-04-19 17:32:16 DataFile Name : 016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10722991	10889014	10676702	10762902	1.04	cps
Antimony	121-1	176851	178132	177179	177387	0.38	cps
Arsenic	75-2	7930	7693	7854	7826	1.55	cps
Barium	135-1	42157	41496	42131	41928	0.89	cps
Barium	137-1	73948	73361	73344	73551	0.47	cps
Beryllium	9-1	42755	42816	42850	42807	0.11	cps
Bismuth	209-1	7848026	7954962	7905443	7902810	0.68	cps
Bismuth	209-2	5161527	5254751	5230759	5215679	0.93	cps
Boron	10-1	15634	16743	16576	16318	3.67	cps
Boron	11-1	73295	72398	73026	72906	0.63	cps
Cadmium	111-1	42021	43277	42753	42684	1.48	cps
Cadmium	106-1	8595	8920	9078	8864	2.78	cps
Cadmium	108-1	4876	4976	4863	4905	1.26	cps
Calcium	43-1	2567147	2593589	2572842	2577859	0.54	cps
Calcium	44-1	42172379	41740089	42021779	41978083	0.52	cps
Chromium	52-2	137000	140826	140468	139431	1.52	cps
Cobalt	59-2	103434	106177	105036	104883	1.31	cps
Copper	63-2	96542	96757	96959	96753	0.22	cps
Dysprosium	156-1	25	50	42	39	32.73	cps
Dysprosium	156-2	27	17	20	21	24.12	cps
Erbium	164-1	83	75	83	81	5.98	cps
Erbium	164-2	33	40	43	39	13.09	cps
Gadolinium	160-1	142	125	100	122	17.16	cps
Gadolinium	160-2	210	200	203	204	2.49	cps
Holmium	165-1	13241859	13354915	13355721	13317498	0.49	cps
Holmium	165-2	7775792	7973445	7933271	7894169	1.32	cps
Indium	115-1	10148495	10258935	10283907	10230446	0.70	cps
Indium	115-2	2616596	2668935	2635354	2640295	1.00	cps
Iron	56-2	269168300	272846684	270056006	270690330	0.71	cps
Iron	57-2	6600148	6664429	6552047	6605541	0.85	cps
Lead	206-1	153552	149112	152916	151860	1.58	cps
Lead	207-1	121439	121774	123054	122089	0.70	cps
Lead	208-1	577180	569920	574052	573718	0.63	cps
Lithium	6-1	3052257	3068788	3049393	3056813	0.34	cps
Magnesium	24-2	24915334	25099122	24806087	24940181	0.59	cps
Manganese	55-2	53678	53376	53440	53498	0.30	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:32:16	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5013804	5023491	5028097	5021797	0.15	cps
Molybdenum	95-1	8344745	8389503	8426106	8386784	0.49	cps
Molybdenum	96-1	8861453	8889676	8927537	8892889	0.37	cps
Molybdenum	97-1	5156912	5156264	5180995	5164724	0.27	cps
Molybdenum	98-1	13244938	13442689	13414105	13367244	0.80	cps
Neodymium	150-1	53	73	53	60	19.24	cps
Neodymium	150-2	30	20	17	22	31.22	cps
Nickel	60-2	36362	36987	35998	36449	1.37	cps
Phosphorus	31-2	673468	689128	672857	678484	1.36	cps
Potassium	39-2	27277981	27887136	26858448	27341188	1.89	cps
Rhodium	103-1	9495855	9622180	9518561	9545532	0.71	cps
Rhodium	103-2	5069515	5191093	5054506	5105038	1.47	cps
Scandium	45-1	7241827	7239207	7246607	7242547	0.05	cps
Scandium	45-2	420530	430615	418589	423245	1.53	cps
Selenium	77-2	197	187	197	193	2.99	cps
Selenium	78-2	670	643	609	641	4.78	cps
Selenium	82-1	2702	2603	2545	2617	3.04	cps
Silicon	28-1	964073	958409	967692	963391	0.49	cps
Silver	109-1	174083	179348	180195	177875	1.86	cps
Silver	107-1	186151	188193	187603	187316	0.56	cps
Sodium	23-2	47429108	48133022	47340829	47634320	0.91	cps
Strontium	86-1	236409	233242	236009	235220	0.73	cps
Strontium	88-1	2054143	2067438	2054922	2058834	0.36	cps
Sulfur	34-1	3594609	3587753	3605778	3596047	0.25	cps
Terbium	159-1	13671619	13690677	13585319	13649205	0.41	cps
Terbium	159-2	7795331	7878246	7809212	7827596	0.57	cps
Thallium	203-1	149654	152435	152415	151501	1.06	cps
Thallium	205-1	355219	359477	363295	359330	1.12	cps
Tin	118-1	357792	355710	356110	356537	0.31	cps
Titanium	47-1	2527948	2525160	2534745	2529284	0.19	cps
Uranium	238-1	1386122	1403214	1383989	1391108	0.76	cps
Vanadium	51-2	52610	54346	53379	53445	1.63	cps
Yttrium	89-1	11240651	11281204	11323844	11281900	0.37	cps
Yttrium	89-2	2097873	2111052	2079752	2096226	0.75	cps
Zinc	66-2	16159	16102	16743	16335	2.17	cps
Zirconium	90-1	791759	797747	793540	794349	0.39	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:32:16	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175717	176932	175419	176022	0.46	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	CCV084	Instrumnet Name :	P7
Client Sample ID :	CCV084	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:35:50	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6204320	6220067	6236949	6220445	0.26	cps
Antimony	121-1	4298418	4280998	4297711	4292376	0.23	cps
Arsenic	75-2	199283	198739	199114	199046	0.14	cps
Barium	135-1	5025307	5027045	5072294	5041548	0.53	cps
Barium	137-1	8688383	8730142	8768281	8728935	0.46	cps
Beryllium	9-1	1089962	1105446	1104927	1100111	0.80	cps
Bismuth	209-1	7794454	7829238	7900387	7841360	0.69	cps
Bismuth	209-2	5208187	5230012	5145911	5194703	0.84	cps
Boron	10-1	124156	125373	126710	125413	1.02	cps
Boron	11-1	581419	592892	591344	588552	1.06	cps
Cadmium	111-1	979148	982148	967278	976191	0.81	cps
Cadmium	106-1	107850	106792	109505	108049	1.27	cps
Cadmium	108-1	73640	73858	73528	73675	0.23	cps
Calcium	43-1	6449679	6540411	6480394	6490161	0.71	cps
Calcium	44-1	105495629	105863379	106274411	105877807	0.37	cps
Chromium	52-2	1674073	1680300	1669878	1674750	0.31	cps
Cobalt	59-2	2461620	2458869	2458560	2459683	0.07	cps
Copper	63-2	3332222	3335434	3357121	3341593	0.41	cps
Dysprosium	156-1	133	117	142	131	9.75	cps
Dysprosium	156-2	100	113	90	101	11.58	cps
Erbium	164-1	75	92	83	83	10.00	cps
Erbium	164-2	27	33	27	29	13.31	cps
Gadolinium	160-1	92	125	83	100	22.05	cps
Gadolinium	160-2	220	183	137	180	23.20	cps
Holmium	165-1	13361761	13409607	13365037	13378802	0.20	cps
Holmium	165-2	7856118	7836410	7881094	7857874	0.28	cps
Indium	115-1	9910733	9983281	9979483	9957832	0.41	cps
Indium	115-2	2569426	2551852	2564167	2561815	0.35	cps
Iron	56-2	343113641	340108996	341495241	341572626	0.44	cps
Iron	57-2	8299059	8330330	8232234	8287208	0.60	cps
Lead	206-1	3061996	3079170	3061575	3067580	0.33	cps
Lead	207-1	2664520	2694898	2678528	2679315	0.57	cps
Lead	208-1	12325033	12410514	12326179	12353909	0.40	cps
Lithium	6-1	3081985	3120448	3102821	3101751	0.62	cps
Magnesium	24-2	65045285	64569616	64758129	64791010	0.37	cps
Manganese	55-2	1923541	1923774	1909131	1918815	0.44	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	CCV084	Instrumnet Name :	P7
Client Sample ID :	CCV084	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:35:50	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8466855	8557783	8547205	8523948	0.58	cps
Molybdenum	95-1	10476835	10581754	10608006	10555532	0.66	cps
Molybdenum	96-1	11531982	11659862	11553780	11581874	0.59	cps
Molybdenum	97-1	6533075	6593553	6588679	6571769	0.51	cps
Molybdenum	98-1	16851666	16885960	16948632	16895419	0.29	cps
Neodymium	150-1	353	373	287	338	13.43	cps
Neodymium	150-2	63	90	70	74	18.64	cps
Nickel	60-2	642393	640260	651209	644620	0.90	cps
Phosphorus	31-2	71447	70056	70242	70582	1.07	cps
Potassium	39-2	34985067	34997004	34864980	34949017	0.21	cps
Rhodium	103-1	9278763	9294787	9270109	9281220	0.13	cps
Rhodium	103-2	4987352	4961939	4967407	4972233	0.27	cps
Scandium	45-1	7233672	7236988	7304712	7258457	0.55	cps
Scandium	45-2	426132	421454	424553	424046	0.56	cps
Selenium	77-2	4197	4177	4034	4136	2.15	cps
Selenium	78-2	13923	14016	14240	14060	1.16	cps
Selenium	82-1	63656	64433	64494	64194	0.73	cps
Silicon	28-1	3877887	3913274	3958761	3916641	1.04	cps
Silver	109-1	4661600	4695212	4630407	4662406	0.70	cps
Silver	107-1	4862157	4877814	4886180	4875384	0.25	cps
Sodium	23-2	122191807	123382807	122206961	122593858	0.56	cps
Strontium	86-1	1330729	1362747	1340751	1344742	1.22	cps
Strontium	88-1	11901464	11987278	11857146	11915296	0.56	cps
Sulfur	34-1	916527	922591	924915	921344	0.47	cps
Terbium	159-1	13642743	13688694	13631531	13654322	0.22	cps
Terbium	159-2	7782161	7790558	7836139	7802952	0.37	cps
Thallium	203-1	3786768	3791584	3781237	3786530	0.14	cps
Thallium	205-1	8966899	9086237	9091879	9048338	0.78	cps
Tin	118-1	3208383	3191336	3201623	3200447	0.27	cps
Titanium	47-1	3123656	3163296	3145767	3144240	0.63	cps
Uranium	238-1	13074015	13135355	13046344	13085238	0.35	cps
Vanadium	51-2	1380472	1379343	1375312	1378376	0.20	cps
Yttrium	89-1	11199312	11175623	11106533	11160489	0.43	cps
Yttrium	89-2	2097397	2085770	2091873	2091680	0.28	cps
Zinc	66-2	506466	505409	505349	505741	0.12	cps
Zirconium	90-1	7224610	7254456	7184824	7221297	0.48	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	CCV084	Instrumnet Name :	P7
Client Sample ID :	CCV084	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:35:50	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1586636	1578586	1580687	1581970	0.26	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	CCB084	Instrumnet Name :	P7
Client Sample ID :	CCB084	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:39:41	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	267	167	142	192	34.51	cps
Antimony	121-1	6710	8003	8728	7814	13.08	cps
Arsenic	75-2	19	33	26	26	28.56	cps
Barium	135-1	200	217	192	203	6.28	cps
Barium	137-1	475	408	333	406	17.48	cps
Beryllium	9-1	283	128	233	215	36.97	cps
Bismuth	209-1	8336535	8287838	8322719	8315698	0.30	cps
Bismuth	209-2	5467423	5485345	5443582	5465450	0.38	cps
Boron	10-1	2442	2217	2034	2231	9.17	cps
Boron	11-1	11038	10963	9395	10465	8.86	cps
Cadmium	111-1	2679	2591	2504	2591	3.38	cps
Cadmium	106-1	3809	3701	3551	3687	3.52	cps
Cadmium	108-1	29	29	21	26	18.25	cps
Calcium	43-1	342	283	292	306	10.33	cps
Calcium	44-1	16076	15517	15409	15667	2.29	cps
Chromium	52-2	680	730	707	706	3.55	cps
Cobalt	59-2	143	130	117	130	10.26	cps
Copper	63-2	1237	1383	1300	1307	5.63	cps
Dysprosium	156-1	25	8	17	17	50.01	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	83	42	42	56	43.30	cps
Erbium	164-2	20	30	20	23	24.74	cps
Gadolinium	160-1	108	50	50	69	48.50	cps
Gadolinium	160-2	143	130	170	148	13.78	cps
Holmium	165-1	13214754	13137210	13201372	13184446	0.31	cps
Holmium	165-2	7777318	7699226	7794953	7757166	0.66	cps
Indium	115-1	10435118	10392755	10360511	10396128	0.36	cps
Indium	115-2	2643650	2642141	2662000	2649264	0.42	cps
Iron	56-2	16955	15442	14413	15603	8.19	cps
Iron	57-2	861	900	861	874	2.57	cps
Lead	206-1	1433	1272	1345	1350	5.98	cps
Lead	207-1	1261	1122	1211	1198	5.87	cps
Lead	208-1	5473	5495	5289	5419	2.08	cps
Lithium	6-1	3166321	3170746	3171033	3169367	0.08	cps
Magnesium	24-2	958	908	958	942	3.07	cps
Manganese	55-2	57	73	103	78	30.41	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	CCB084	Instrumnet Name :	P7
Client Sample ID :	CCB084	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:39:41	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2209	2292	2117	2206	3.97	cps
Molybdenum	95-1	3142	2917	2842	2967	5.26	cps
Molybdenum	96-1	3342	3467	2792	3200	11.22	cps
Molybdenum	97-1	1975	2050	1942	1989	2.79	cps
Molybdenum	98-1	4826	5059	4584	4823	4.93	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	43	43	47	44	4.34	cps
Phosphorus	31-2	425	358	283	356	19.93	cps
Potassium	39-2	65545	64842	65931	65439	0.84	cps
Rhodium	103-1	9944394	9938861	10016770	9966675	0.44	cps
Rhodium	103-2	5293365	5296259	5321760	5303795	0.29	cps
Scandium	45-1	7305864	7195801	7220837	7240834	0.80	cps
Scandium	45-2	420615	416735	425064	420804	0.99	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	126	117	85	109	19.55	cps
Selenium	82-1	-28	41	-74	-20	-285.75	cps
Silicon	28-1	444581	438730	443070	442127	0.69	cps
Silver	109-1	725	658	725	703	5.48	cps
Silver	107-1	833	750	842	808	6.27	cps
Sodium	23-2	56674	55905	53270	55283	3.23	cps
Strontium	86-1	1058	783	833	892	16.43	cps
Strontium	88-1	283	333	283	300	9.62	cps
Sulfur	34-1	525218	525906	526121	525748	0.09	cps
Terbium	159-1	13533036	13521458	13552075	13535523	0.11	cps
Terbium	159-2	7749985	7686781	7812023	7749596	0.81	cps
Thallium	203-1	1242	1075	1108	1142	7.73	cps
Thallium	205-1	2742	2834	2509	2695	6.22	cps
Tin	118-1	1233	1067	1158	1153	7.24	cps
Titanium	47-1	325	242	233	267	19.01	cps
Uranium	238-1	375	308	233	306	23.19	cps
Vanadium	51-2	30	13	43	29	52.03	cps
Yttrium	89-1	11170883	11204591	11289492	11221655	0.54	cps
Yttrium	89-2	2085317	2069304	2085731	2080117	0.45	cps
Zinc	66-2	163	110	163	146	21.16	cps
Zirconium	90-1	1058	1175	1142	1125	5.34	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	CCB084	Instrumnet Name :	P7
Client Sample ID :	CCB084	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:39:41	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	192	233	233	219	10.96	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:43:14	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2492	2275	2400	2389	4.55	cps
Antimony	121-1	17753	18563	19181	18499	3.87	cps
Arsenic	75-2	402	465	443	436	7.32	cps
Barium	135-1	17862	18596	18438	18299	2.11	cps
Barium	137-1	31980	31554	31671	31735	0.69	cps
Beryllium	9-1	2417	2228	2256	2300	4.43	cps
Bismuth	209-1	8134194	8220003	8133543	8162580	0.61	cps
Bismuth	209-2	5508786	5465309	5512802	5495632	0.48	cps
Boron	10-1	7260	7110	7052	7141	1.51	cps
Boron	11-1	33405	33931	34407	33914	1.48	cps
Cadmium	111-1	4498	4310	4516	4441	2.57	cps
Cadmium	106-1	3826	3784	3809	3806	0.55	cps
Cadmium	108-1	150	133	192	158	18.98	cps
Calcium	43-1	11930	12898	12898	12575	4.44	cps
Calcium	44-1	211840	212533	208409	210927	1.05	cps
Chromium	52-2	7299	7662	7812	7591	3.48	cps
Cobalt	59-2	4914	4911	4798	4874	1.36	cps
Copper	63-2	8669	8009	8232	8304	4.05	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	10	17	0	9	94.38	cps
Erbium	164-1	67	83	33	61	41.67	cps
Erbium	164-2	33	43	40	39	13.09	cps
Gadolinium	160-1	92	75	83	83	10.00	cps
Gadolinium	160-2	170	153	167	163	5.40	cps
Holmium	165-1	13052273	13109337	12888286	13016632	0.88	cps
Holmium	165-2	7878722	7826537	7852766	7852675	0.33	cps
Indium	115-1	10191017	10290609	10250205	10243944	0.49	cps
Indium	115-2	2705640	2694695	2705152	2701829	0.23	cps
Iron	56-2	147578	145498	145559	146211	0.81	cps
Iron	57-2	4206	4117	3845	4056	4.64	cps
Lead	206-1	6785	6691	6813	6763	0.95	cps
Lead	207-1	6213	6246	6040	6166	1.79	cps
Lead	208-1	27095	27395	26878	27123	0.96	cps
Lithium	6-1	3094136	3103063	3068936	3088712	0.57	cps
Magnesium	24-2	128103	128825	129985	128971	0.74	cps
Manganese	55-2	2117	2080	2140	2112	1.43	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:43:14	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	17320	16452	17545	17105	3.37	cps
Molybdenum	95-1	19431	20148	20632	20070	3.01	cps
Molybdenum	96-1	22852	22218	22727	22599	1.49	cps
Molybdenum	97-1	12706	12448	13123	12759	2.67	cps
Molybdenum	98-1	32146	32855	31636	32212	1.90	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	1437	1553	1563	1518	4.64	cps
Phosphorus	31-2	375	367	450	397	11.55	cps
Potassium	39-2	203212	202022	201125	202120	0.52	cps
Rhodium	103-1	9933313	9923987	9817062	9891454	0.65	cps
Rhodium	103-2	5369001	5369580	5399635	5379405	0.33	cps
Scandium	45-1	7199917	7192287	7183597	7191934	0.11	cps
Scandium	45-2	438066	432192	438189	436149	0.79	cps
Selenium	77-2	50	47	33	43	20.36	cps
Selenium	78-2	230	250	256	245	5.57	cps
Selenium	82-1	708	643	672	674	4.84	cps
Silicon	28-1	528104	536847	532215	532389	0.82	cps
Silver	109-1	9562	9829	9662	9684	1.39	cps
Silver	107-1	9537	9804	9745	9695	1.45	cps
Sodium	23-2	283606	284142	284254	284001	0.12	cps
Strontium	86-1	3217	3167	3284	3223	1.82	cps
Strontium	88-1	21934	22168	22210	22104	0.67	cps
Sulfur	34-1	540735	544304	543248	542762	0.34	cps
Terbium	159-1	13231577	13431091	13375076	13345915	0.77	cps
Terbium	159-2	7815379	7830796	7865130	7837102	0.32	cps
Thallium	203-1	8236	7794	8069	8033	2.78	cps
Thallium	205-1	18689	19098	19473	19087	2.06	cps
Tin	118-1	30793	31018	30167	30659	1.44	cps
Titanium	47-1	6302	6577	5801	6227	6.31	cps
Uranium	238-1	22704	23163	22404	22757	1.68	cps
Vanadium	51-2	12786	12876	13146	12936	1.45	cps
Yttrium	89-1	11168224	11110875	11097518	11125539	0.34	cps
Yttrium	89-2	2139692	2113015	2130968	2127891	0.64	cps
Zinc	66-2	1413	1317	1240	1323	6.56	cps
Zirconium	90-1	14658	14641	14825	14708	0.69	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:43:14	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3492	3259	3576	3442	4.77	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	PB108375BL	Instrumnet Name :	P7
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:46:47	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	83	75	78	6.19	cps
Antimony	121-1	1217	1558	1659	1478	15.67	cps
Arsenic	75-2	9	11	15	12	24.10	cps
Barium	135-1	58	67	25	50	44.10	cps
Barium	137-1	67	67	75	69	6.93	cps
Beryllium	9-1	128	139	144	137	6.19	cps
Bismuth	209-1	8359719	8280795	8330805	8323773	0.48	cps
Bismuth	209-2	5437258	5508529	5468064	5471284	0.65	cps
Boron	10-1	1100	1125	850	1025	14.84	cps
Boron	11-1	5360	5018	5426	5268	4.16	cps
Cadmium	111-1	2602	2540	2560	2567	1.22	cps
Cadmium	106-1	3717	3634	3659	3670	1.17	cps
Cadmium	108-1	13	17	8	13	33.36	cps
Calcium	43-1	250	217	233	233	7.14	cps
Calcium	44-1	15100	15242	15651	15331	1.86	cps
Chromium	52-2	580	527	580	562	5.48	cps
Cobalt	59-2	100	97	113	103	8.54	cps
Copper	63-2	1120	1083	1047	1083	3.39	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	33	67	25	42	52.92	cps
Erbium	164-2	23	30	17	23	28.56	cps
Gadolinium	160-1	83	75	58	72	17.62	cps
Gadolinium	160-2	147	163	123	144	13.91	cps
Holmium	165-1	13227232	13167751	13332321	13242434	0.63	cps
Holmium	165-2	7795622	7861966	7862327	7839972	0.49	cps
Indium	115-1	10484221	10462466	10508371	10485019	0.22	cps
Indium	115-2	2695530	2707827	2730665	2711341	0.66	cps
Iron	56-2	7391	7319	7363	7358	0.50	cps
Iron	57-2	617	633	611	620	1.86	cps
Lead	206-1	733	606	706	682	9.86	cps
Lead	207-1	611	567	644	607	6.42	cps
Lead	208-1	2817	2578	2667	2687	4.49	cps
Lithium	6-1	3108853	3090808	3090599	3096754	0.34	cps
Magnesium	24-2	475	375	392	414	12.94	cps
Manganese	55-2	70	117	67	84	33.10	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	PB108375BL	Instrumnet Name :	P7
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:46:47	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	425	575	533	511	15.15	cps
Molybdenum	95-1	342	475	458	425	17.09	cps
Molybdenum	96-1	633	683	550	622	10.83	cps
Molybdenum	97-1	258	475	417	383	29.25	cps
Molybdenum	98-1	933	900	850	895	4.69	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	43	47	73	54	30.21	cps
Phosphorus	31-2	308	417	233	319	28.85	cps
Potassium	39-2	65160	63880	64157	64399	1.05	cps
Rhodium	103-1	10130292	10096082	10115003	10113793	0.17	cps
Rhodium	103-2	5377782	5385231	5464258	5409091	0.89	cps
Scandium	45-1	7404941	7396011	7426809	7409253	0.21	cps
Scandium	45-2	438340	438680	440946	439322	0.32	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	135	102	156	131	20.72	cps
Selenium	82-1	-13	44	-69	-13	-447.89	cps
Silicon	28-1	454270	447292	450194	450585	0.78	cps
Silver	109-1	142	208	208	186	20.68	cps
Silver	107-1	300	275	250	275	9.09	cps
Sodium	23-2	37765	37999	37631	37799	0.49	cps
Strontium	86-1	867	850	775	831	5.88	cps
Strontium	88-1	167	142	142	150	9.63	cps
Sulfur	34-1	552972	550661	554201	552612	0.33	cps
Terbium	159-1	13706698	13669939	13627083	13667906	0.29	cps
Terbium	159-2	7816053	7942868	7791406	7850109	1.04	cps
Thallium	203-1	467	533	575	525	10.41	cps
Thallium	205-1	1183	1267	1317	1256	5.36	cps
Tin	118-1	967	675	833	825	17.70	cps
Titanium	47-1	183	117	142	147	22.88	cps
Uranium	238-1	25	17	58	33	66.14	cps
Vanadium	51-2	30	20	13	21	39.75	cps
Yttrium	89-1	11442947	11321666	11325830	11363481	0.61	cps
Yttrium	89-2	2132458	2149244	2153753	2145151	0.52	cps
Zinc	66-2	200	233	220	218	7.71	cps
Zirconium	90-1	783	692	875	783	11.70	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	PB108375BL	Instrumnet Name :	P7
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:46:47	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	142	92	150	128	24.69	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	PB108375BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:50:20	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4618	4901	4659	4726	3.24	cps
Antimony	121-1	32840	33399	32672	32970	1.15	cps
Arsenic	75-2	869	791	778	812	6.04	cps
Barium	135-1	37493	37961	37242	37566	0.97	cps
Barium	137-1	64425	63186	65555	64389	1.84	cps
Beryllium	9-1	4479	4379	4662	4506	3.19	cps
Bismuth	209-1	8118701	8212291	8218128	8183040	0.68	cps
Bismuth	209-2	5381681	5474796	5490597	5449025	1.08	cps
Boron	10-1	12105	12097	12823	12342	3.38	cps
Boron	11-1	58037	59401	59384	58941	1.33	cps
Cadmium	111-1	6255	6241	5982	6159	2.50	cps
Cadmium	106-1	4051	3676	3684	3803	5.63	cps
Cadmium	108-1	271	350	300	307	13.04	cps
Calcium	43-1	24187	25581	24262	24677	3.18	cps
Calcium	44-1	416034	417680	417810	417174	0.24	cps
Chromium	52-2	14721	14577	14504	14601	0.76	cps
Cobalt	59-2	10344	10481	10707	10511	1.75	cps
Copper	63-2	15258	15535	15555	15449	1.07	cps
Dysprosium	156-1	25	8	17	17	50.01	cps
Dysprosium	156-2	7	10	3	7	50.03	cps
Erbium	164-1	83	108	67	86	24.35	cps
Erbium	164-2	37	70	43	50	35.28	cps
Gadolinium	160-1	133	108	58	100	38.19	cps
Gadolinium	160-2	120	167	163	150	17.36	cps
Holmium	165-1	13092591	13038417	13151851	13094286	0.43	cps
Holmium	165-2	7756996	7830034	7853445	7813491	0.64	cps
Indium	115-1	10380247	10410994	10419804	10403682	0.20	cps
Indium	115-2	2723371	2713883	2716312	2717855	0.18	cps
Iron	56-2	943516	946974	948235	946242	0.26	cps
Iron	57-2	23358	24315	23736	23803	2.03	cps
Lead	206-1	12590	12573	12412	12525	0.79	cps
Lead	207-1	11205	10805	10755	10922	2.26	cps
Lead	208-1	49409	49187	48703	49100	0.74	cps
Lithium	6-1	2997465	3020612	3049444	3022507	0.86	cps
Magnesium	24-2	256112	254419	260338	256956	1.19	cps
Manganese	55-2	3977	4214	4134	4108	2.93	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	PB108375BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:50:20	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	34033	32847	33273	33384	1.80	cps
Molybdenum	95-1	40233	39798	40559	40197	0.95	cps
Molybdenum	96-1	44228	44847	43868	44314	1.12	cps
Molybdenum	97-1	24430	25766	24981	25059	2.68	cps
Molybdenum	98-1	62973	63098	63551	63208	0.48	cps
Neodymium	150-1	13	13	0	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	3024	2870	2960	2951	2.61	cps
Phosphorus	31-2	467	450	558	492	11.86	cps
Potassium	39-2	346134	347833	348144	347370	0.31	cps
Rhodium	103-1	9942832	10095158	10120658	10052883	0.96	cps
Rhodium	103-2	5393596	5418001	5430551	5414049	0.35	cps
Scandium	45-1	7308685	7390660	7408437	7369261	0.72	cps
Scandium	45-2	441165	438437	445522	441708	0.81	cps
Selenium	77-2	97	97	67	87	19.98	cps
Selenium	78-2	407	435	422	422	3.30	cps
Selenium	82-1	1222	1256	1354	1277	5.39	cps
Silicon	28-1	635089	633625	637126	635280	0.28	cps
Silver	109-1	19197	18997	18312	18835	2.46	cps
Silver	107-1	19497	20248	19940	19895	1.90	cps
Sodium	23-2	524032	520090	522712	522278	0.38	cps
Strontium	86-1	6277	5710	5851	5946	4.96	cps
Strontium	88-1	44161	45657	45590	45136	1.87	cps
Sulfur	34-1	561850	570560	562091	564834	0.88	cps
Terbium	159-1	13455006	13359416	13427070	13413831	0.37	cps
Terbium	159-2	7832632	7807631	7892443	7844235	0.56	cps
Thallium	203-1	15276	15134	15067	15159	0.70	cps
Thallium	205-1	34604	35950	36284	35613	2.50	cps
Tin	118-1	61644	61730	60405	61260	1.21	cps
Titanium	47-1	12456	12447	12047	12317	1.90	cps
Uranium	238-1	46201	44938	47414	46184	2.68	cps
Vanadium	51-2	26137	27399	26845	26794	2.36	cps
Yttrium	89-1	11297481	11315339	11424011	11345610	0.60	cps
Yttrium	89-2	2153781	2172906	2150420	2159036	0.56	cps
Zinc	66-2	2440	2614	2627	2560	4.07	cps
Zirconium	90-1	29823	29732	28897	29484	1.73	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	PB108375BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:50:20	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	6669	6618	6710	6666	0.69	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2241-02	Instrumnet Name :	P7
Client Sample ID :	1206	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:53:53	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	88662	87547	88956	88389	0.84	cps
Antimony	121-1	295691	294110	291531	293777	0.71	cps
Arsenic	75-2	7294	7282	7081	7219	1.65	cps
Barium	135-1	3464774	3434870	3429443	3443029	0.55	cps
Barium	137-1	6048102	6036939	5994680	6026574	0.47	cps
Beryllium	9-1	10582	10815	10804	10734	1.23	cps
Bismuth	209-1	8269431	8210783	8292117	8257444	0.51	cps
Bismuth	209-2	5517628	5473648	5468070	5486449	0.49	cps
Boron	10-1	204605	207679	207395	206560	0.82	cps
Boron	11-1	960011	972281	973401	968564	0.77	cps
Cadmium	111-1	47622	48167	48698	48162	1.12	cps
Cadmium	106-1	7452	7686	7944	7694	3.20	cps
Cadmium	108-1	3159	3384	3063	3202	5.14	cps
Calcium	43-1	217	408	358	328	30.33	cps
Calcium	44-1	15017	15559	15626	15400	2.17	cps
Chromium	52-2	389291	389424	387630	388782	0.26	cps
Cobalt	59-2	100	93	103	99	5.15	cps
Copper	63-2	1034154	1015034	1027644	1025611	0.95	cps
Dysprosium	156-1	25	75	42	47	53.91	cps
Dysprosium	156-2	37	50	37	41	18.72	cps
Erbium	164-1	33	25	42	33	25.01	cps
Erbium	164-2	27	33	10	23	51.50	cps
Gadolinium	160-1	92	117	58	89	32.92	cps
Gadolinium	160-2	143	170	190	168	13.95	cps
Holmium	165-1	13216819	13303046	13224716	13248194	0.36	cps
Holmium	165-2	7917828	7895487	7849622	7887646	0.44	cps
Indium	115-1	10570617	10620684	10549219	10580173	0.35	cps
Indium	115-2	2777635	2746320	2755499	2759818	0.58	cps
Iron	56-2	3092968	3093298	3088320	3091529	0.09	cps
Iron	57-2	78001	76142	77012	77052	1.21	cps
Lead	206-1	250388	250909	248643	249980	0.47	cps
Lead	207-1	201972	198769	200391	200377	0.80	cps
Lead	208-1	958156	955679	953984	955940	0.22	cps
Lithium	6-1	3012038	3025823	3009258	3015706	0.29	cps
Magnesium	24-2	542	433	542	506	12.37	cps
Manganese	55-2	450816	454470	453458	452915	0.42	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2241-02	Instrumnet Name :	P7
Client Sample ID :	1206	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:53:53	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	202533	198715	197801	199683	1.26	cps
Molybdenum	95-1	353192	355889	350448	353176	0.77	cps
Molybdenum	96-1	379467	372974	374040	375494	0.93	cps
Molybdenum	97-1	216308	218934	216557	217266	0.67	cps
Molybdenum	98-1	559170	566838	554592	560200	1.10	cps
Neodymium	150-1	173	153	153	160	7.22	cps
Neodymium	150-2	13	13	23	17	34.65	cps
Nickel	60-2	107289	106154	107534	106992	0.69	cps
Phosphorus	31-2	383	342	408	378	8.91	cps
Potassium	39-2	66684	66533	65754	66324	0.75	cps
Rhodium	103-1	10162643	10178298	10187323	10176088	0.12	cps
Rhodium	103-2	5510325	5474679	5521382	5502129	0.44	cps
Scandium	45-1	7549799	7512119	7546148	7536022	0.28	cps
Scandium	45-2	445956	442115	445390	444487	0.47	cps
Selenium	77-2	637	763	797	732	11.53	cps
Selenium	78-2	2647	2452	2567	2555	3.83	cps
Selenium	82-1	11041	10854	10710	10869	1.53	cps
Silicon	28-1	774260	775165	766804	772076	0.59	cps
Silver	109-1	1705418	1701124	1688638	1698393	0.51	cps
Silver	107-1	1776529	1794828	1782019	1784459	0.53	cps
Sodium	23-2	41216	41291	41291	41266	0.11	cps
Strontium	86-1	833	892	775	833	7.00	cps
Strontium	88-1	392	442	458	431	8.06	cps
Sulfur	34-1	569578	561042	552669	561097	1.51	cps
Terbium	159-1	13742100	13761546	13429269	13644305	1.37	cps
Terbium	159-2	7920677	7866972	7911498	7899716	0.36	cps
Thallium	203-1	58630	57919	56823	57791	1.58	cps
Thallium	205-1	138544	138401	139241	138729	0.32	cps
Tin	118-1	817	942	642	800	18.84	cps
Titanium	47-1	217	175	217	203	11.86	cps
Uranium	238-1	892950	887548	885657	888718	0.43	cps
Vanadium	51-2	2066368	2049283	2057771	2057807	0.42	cps
Yttrium	89-1	11481203	11540804	11463041	11495016	0.35	cps
Yttrium	89-2	2191592	2179465	2187532	2186197	0.28	cps
Zinc	66-2	154574	149967	151200	151914	1.57	cps
Zirconium	90-1	1525	1492	1458	1492	2.23	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2241-02	Instrumnet Name :	P7
Client Sample ID :	1206	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:53:53	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	342	400	442	394	12.73	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2241-03	Instrumnet Name :	P7
Client Sample ID :	1232	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:57:27	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	550	658	717	642	13.18	cps
Antimony	121-1	625	775	717	706	10.72	cps
Arsenic	75-2	17	17	2	12	72.94	cps
Barium	135-1	975	808	917	900	9.40	cps
Barium	137-1	1483	1600	1358	1481	8.16	cps
Beryllium	9-1	106	106	111	107	2.99	cps
Bismuth	209-1	8089652	8091183	7975194	8052010	0.83	cps
Bismuth	209-2	5336325	5363592	5424582	5374833	0.84	cps
Boron	10-1	9645	9929	9545	9706	2.05	cps
Boron	11-1	46054	45219	43054	44776	3.46	cps
Cadmium	111-1	2759	2572	2747	2693	3.89	cps
Cadmium	106-1	3776	3551	3784	3703	3.58	cps
Cadmium	108-1	13	38	21	24	53.92	cps
Calcium	43-1	1891894	1892309	1861457	1881886	0.94	cps
Calcium	44-1	31138113	31231697	30834833	31068214	0.67	cps
Chromium	52-2	1197	1230	1243	1223	1.96	cps
Cobalt	59-2	207	210	210	209	0.92	cps
Copper	63-2	1333	1297	1267	1299	2.57	cps
Dysprosium	156-1	175	217	167	186	14.40	cps
Dysprosium	156-2	127	77	140	114	29.17	cps
Erbium	164-1	267	392	275	311	22.46	cps
Erbium	164-2	153	130	177	153	15.22	cps
Gadolinium	160-1	208	275	267	250	14.53	cps
Gadolinium	160-2	277	273	323	291	9.60	cps
Holmium	165-1	13268106	13308240	13107280	13227875	0.80	cps
Holmium	165-2	7842864	7964085	8020498	7942482	1.14	cps
Indium	115-1	10381473	10313604	10259007	10318028	0.59	cps
Indium	115-2	2686233	2705776	2725369	2705793	0.72	cps
Iron	56-2	20398	20804	20715	20639	1.03	cps
Iron	57-2	9103	9470	9553	9375	2.56	cps
Lead	206-1	1189	1106	1189	1161	4.14	cps
Lead	207-1	778	722	672	724	7.29	cps
Lead	208-1	4206	3778	4028	4004	5.37	cps
Lithium	6-1	3036113	3034548	2989835	3020165	0.87	cps
Magnesium	24-2	4196771	4237789	4267575	4234045	0.84	cps
Manganese	55-2	1600	1580	1540	1573	1.94	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2241-03	Instrumnet Name :	P7
Client Sample ID :	1232	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:57:27	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	817	833	758	803	4.91	cps
Molybdenum	95-1	350	358	450	386	14.37	cps
Molybdenum	96-1	517	475	458	483	6.22	cps
Molybdenum	97-1	250	292	200	247	18.56	cps
Molybdenum	98-1	575	450	508	511	12.24	cps
Neodymium	150-1	213	173	153	180	16.97	cps
Neodymium	150-2	77	117	110	101	21.19	cps
Nickel	60-2	203	177	220	200	10.93	cps
Phosphorus	31-2	483	375	433	431	12.59	cps
Potassium	39-2	9509925	9604930	9569461	9561439	0.50	cps
Rhodium	103-1	9965660	9911817	9771921	9883133	1.01	cps
Rhodium	103-2	5281869	5366918	5377074	5341954	0.98	cps
Scandium	45-1	7506443	7485820	7353216	7448493	1.12	cps
Scandium	45-2	447446	449832	454005	450428	0.74	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	98	135	122	119	15.86	cps
Selenium	82-1	21	-16	-73	-23	-209.13	cps
Silicon	28-1	788901	789403	789079	789128	0.03	cps
Silver	109-1	208	258	217	228	11.76	cps
Silver	107-1	317	342	300	319	6.57	cps
Sodium	23-2	8747932	8821885	8882678	8817498	0.77	cps
Strontium	86-1	54027	55106	53961	54365	1.18	cps
Strontium	88-1	477262	480190	472846	476766	0.78	cps
Sulfur	34-1	585334	601659	606949	597981	1.88	cps
Terbium	159-1	13609782	13649106	13370485	13543125	1.11	cps
Terbium	159-2	7811062	7896093	8038737	7915297	1.45	cps
Thallium	203-1	425	458	408	431	5.91	cps
Thallium	205-1	1050	1033	992	1025	2.93	cps
Tin	118-1	550	658	625	611	9.08	cps
Titanium	47-1	467	608	475	517	15.39	cps
Uranium	238-1	1784	1825	1692	1767	3.86	cps
Vanadium	51-2	187	197	140	174	17.34	cps
Yttrium	89-1	11447717	11485897	11218470	11384028	1.27	cps
Yttrium	89-2	2164057	2169019	2196780	2176619	0.81	cps
Zinc	66-2	263	323	273	287	11.21	cps
Zirconium	90-1	1492	1483	1525	1500	1.47	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2241-03	Instrumnet Name :	P7
Client Sample ID :	1232	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:57:27	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	367	325	308	333	9.01	cps

LB Number : LB94752 Operator : Jaswal
 Lab Sample ID : PB108207BL Instrumnet Name : P7
 Client Sample ID : PB108207BL Dilution Factor : 1
 Date & Time Acquired :: 2018-04-19 18:01:01 DataFile Name : 024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	67	58	56	22.91	cps
Antimony	121-1	308	525	592	475	31.19	cps
Arsenic	75-2	7	13	17	12	37.75	cps
Barium	135-1	83	42	67	64	32.83	cps
Barium	137-1	183	117	108	136	30.20	cps
Beryllium	9-1	122	94	83	100	20.03	cps
Bismuth	209-1	8197180	8227692	8253879	8226250	0.34	cps
Bismuth	209-2	5433917	5508524	5469729	5470723	0.68	cps
Boron	10-1	2250	2067	2234	2184	4.64	cps
Boron	11-1	10129	9587	9503	9740	3.49	cps
Cadmium	111-1	2525	2660	2524	2569	3.04	cps
Cadmium	106-1	3626	3784	3617	3676	2.56	cps
Cadmium	108-1	25	8	29	21	52.93	cps
Calcium	43-1	267	233	267	256	7.53	cps
Calcium	44-1	16418	15367	15918	15901	3.31	cps
Chromium	52-2	657	663	587	636	6.68	cps
Cobalt	59-2	83	87	147	106	33.76	cps
Copper	63-2	947	943	973	954	1.72	cps
Dysprosium	156-1	0	25	0	8	173.21	cps
Dysprosium	156-2	0	7	10	6	91.64	cps
Erbium	164-1	17	42	50	36	48.03	cps
Erbium	164-2	27	3	30	20	72.66	cps
Gadolinium	160-1	50	125	75	83	45.83	cps
Gadolinium	160-2	110	197	133	147	30.58	cps
Holmium	165-1	13125668	13245089	13218920	13196559	0.48	cps
Holmium	165-2	7893061	7935487	7843242	7890597	0.59	cps
Indium	115-1	10369567	10423466	10381978	10391670	0.27	cps
Indium	115-2	2695600	2734863	2711193	2713885	0.73	cps
Iron	56-2	7330	7085	7074	7163	2.02	cps
Iron	57-2	639	656	672	656	2.54	cps
Lead	206-1	433	517	417	456	11.76	cps
Lead	207-1	328	444	472	415	18.48	cps
Lead	208-1	1556	1817	1733	1702	7.84	cps
Lithium	6-1	3043762	3030471	3046956	3040396	0.29	cps
Magnesium	24-2	408	425	492	442	9.98	cps
Manganese	55-2	63	80	57	67	18.03	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	PB108207BL	Instrumnet Name :	P7
Client Sample ID :	PB108207BL	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 18:01:01	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	367	300	317	328	10.58	cps
Molybdenum	95-1	133	175	208	172	21.82	cps
Molybdenum	96-1	242	217	175	211	15.95	cps
Molybdenum	97-1	183	158	192	178	9.76	cps
Molybdenum	98-1	308	267	225	267	15.63	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	40	40	50	43	13.32	cps
Phosphorus	31-2	392	308	350	350	11.91	cps
Potassium	39-2	65161	65186	63026	64458	1.92	cps
Rhodium	103-1	10060299	10082479	10070128	10070969	0.11	cps
Rhodium	103-2	5375843	5489694	5445003	5436847	1.06	cps
Scandium	45-1	7287054	7351439	7330373	7322955	0.45	cps
Scandium	45-2	434804	443971	438239	439005	1.05	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	135	133	124	131	4.55	cps
Selenium	82-1	-150	75	90	5	2728.39	cps
Silicon	28-1	447356	446239	446749	446781	0.13	cps
Silver	109-1	100	167	125	131	25.79	cps
Silver	107-1	183	175	125	161	19.58	cps
Sodium	23-2	27226	26800	26841	26956	0.87	cps
Strontium	86-1	925	908	867	900	3.34	cps
Strontium	88-1	142	175	133	150	14.70	cps
Sulfur	34-1	607580	604406	602474	604820	0.43	cps
Terbium	159-1	13369882	13636785	13541939	13516202	1.00	cps
Terbium	159-2	7862221	7934094	7789011	7861775	0.92	cps
Thallium	203-1	475	342	325	381	21.60	cps
Thallium	205-1	858	842	917	872	4.52	cps
Tin	118-1	550	542	642	578	9.60	cps
Titanium	47-1	150	133	108	131	16.06	cps
Uranium	238-1	25	33	17	25	33.32	cps
Vanadium	51-2	7	27	7	13	86.58	cps
Yttrium	89-1	11192515	11323377	11382959	11299617	0.86	cps
Yttrium	89-2	2139265	2170957	2162116	2157446	0.76	cps
Zinc	66-2	100	120	140	120	16.67	cps
Zirconium	90-1	717	725	858	767	10.37	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	PB108207BL	Instrumnet Name :	P7
Client Sample ID :	PB108207BL	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 18:01:01	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	67	200	108	125	54.57	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	PB108207BS	Instrumnet Name :	P7
Client Sample ID :	PB108207BS	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 18:04:34	DataFile Name :	025LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1156927	1169293	1165711	1163977	0.55	cps
Antimony	121-1	4343371	4284486	4274992	4300950	0.86	cps
Arsenic	75-2	200697	204645	203633	202992	1.01	cps
Barium	135-1	5067362	5021553	5003175	5030697	0.66	cps
Barium	137-1	8734807	8695859	8693568	8708078	0.27	cps
Beryllium	9-1	1112359	1109744	1094725	1105609	0.86	cps
Bismuth	209-1	8234316	8129591	8121476	8161794	0.77	cps
Bismuth	209-2	5351122	5405368	5461291	5405927	1.02	cps
Boron	10-1	125533	127173	125946	126217	0.68	cps
Boron	11-1	594390	587838	595682	592637	0.71	cps
Cadmium	111-1	1016986	1006756	998855	1007532	0.90	cps
Cadmium	106-1	111461	111048	111284	111265	0.19	cps
Cadmium	108-1	74825	73996	75002	74608	0.72	cps
Calcium	43-1	1298620	1293667	1293292	1295193	0.23	cps
Calcium	44-1	21261890	21221007	21108993	21197296	0.37	cps
Chromium	52-2	1622230	1650713	1641782	1638242	0.89	cps
Cobalt	59-2	2511365	2527437	2555135	2531312	0.87	cps
Copper	63-2	3482552	3516377	3535078	3511336	0.76	cps
Dysprosium	156-1	100	75	83	86	14.78	cps
Dysprosium	156-2	113	77	63	84	30.66	cps
Erbium	164-1	50	50	92	64	37.66	cps
Erbium	164-2	60	27	57	48	38.42	cps
Gadolinium	160-1	92	175	50	106	60.30	cps
Gadolinium	160-2	150	167	163	160	5.51	cps
Holmium	165-1	13504313	13377203	13230800	13370772	1.02	cps
Holmium	165-2	7892573	7992053	8092079	7992235	1.25	cps
Indium	115-1	10252378	10188716	10103553	10181549	0.73	cps
Indium	115-2	2605878	2641706	2653309	2633631	0.94	cps
Iron	56-2	69347761	70121314	70094996	69854690	0.63	cps
Iron	57-2	1680968	1690977	1698325	1690090	0.52	cps
Lead	206-1	3142255	3104795	3068538	3105196	1.19	cps
Lead	207-1	2752645	2706225	2693972	2717614	1.14	cps
Lead	208-1	12638851	12462245	12343178	12481425	1.19	cps
Lithium	6-1	3089927	3057493	3030723	3059381	0.97	cps
Magnesium	24-2	13210954	13375834	13292088	13292959	0.62	cps
Manganese	55-2	1917522	1952355	1943279	1937718	0.93	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	PB108207BS	Instrumnet Name :	P7
Client Sample ID :	PB108207BS	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 18:04:34	DataFile Name :	025LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8545260	8482938	8406596	8478265	0.82	cps
Molybdenum	95-1	10540371	10462505	10371048	10457975	0.81	cps
Molybdenum	96-1	11543135	11492309	11404884	11480109	0.61	cps
Molybdenum	97-1	6572129	6528711	6510712	6537184	0.48	cps
Molybdenum	98-1	16927943	16585911	16535942	16683265	1.28	cps
Neodymium	150-1	247	300	320	289	13.12	cps
Neodymium	150-2	73	53	50	59	21.44	cps
Nickel	60-2	649585	659129	665097	657937	1.19	cps
Phosphorus	31-2	70441	72057	71355	71284	1.14	cps
Potassium	39-2	7049882	7087500	7083004	7073462	0.29	cps
Rhodium	103-1	9767776	9642249	9655245	9688423	0.71	cps
Rhodium	103-2	5144357	5220915	5316329	5227200	1.65	cps
Scandium	45-1	7348518	7302931	7261954	7304467	0.59	cps
Scandium	45-2	423456	430611	428958	427675	0.88	cps
Selenium	77-2	4391	4554	4574	4506	2.23	cps
Selenium	78-2	14368	14974	14620	14654	2.08	cps
Selenium	82-1	65812	65683	65016	65504	0.65	cps
Silicon	28-1	3939530	3918293	3872515	3910112	0.88	cps
Silver	109-1	4845160	4769918	4757740	4790940	0.99	cps
Silver	107-1	5052127	5016595	5026547	5031756	0.36	cps
Sodium	23-2	24678629	24939192	24886625	24834815	0.55	cps
Strontium	86-1	1314808	1303825	1286090	1301575	1.11	cps
Strontium	88-1	11701208	11584525	11362617	11549450	1.49	cps
Sulfur	34-1	949123	941800	929061	939995	1.08	cps
Terbium	159-1	13774159	13711147	13564804	13683370	0.78	cps
Terbium	159-2	7849914	7884295	7950178	7894796	0.65	cps
Thallium	203-1	3867512	3827928	3786453	3827298	1.06	cps
Thallium	205-1	9240047	9214496	9170163	9208236	0.38	cps
Tin	118-1	3240698	3167329	3182383	3196803	1.21	cps
Titanium	47-1	3173923	3137114	3097735	3136257	1.21	cps
Uranium	238-1	12888877	12756025	12707189	12784030	0.74	cps
Vanadium	51-2	1367059	1386869	1382513	1378814	0.76	cps
Yttrium	89-1	11293180	11267499	11117223	11225967	0.85	cps
Yttrium	89-2	2098593	2137026	2132719	2122779	0.99	cps
Zinc	66-2	529388	533848	536698	533311	0.69	cps
Zirconium	90-1	7207486	7111227	7045507	7121407	1.14	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	PB108207BS	Instrumnet Name :	P7
Client Sample ID :	PB108207BS	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 18:04:34	DataFile Name :	025LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1568321	1550819	1533882	1551007	1.11	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	CCV085	Instrumnet Name :	P7
Client Sample ID :	CCV085	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 18:08:07	DataFile Name :	026CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6257916	6277256	6159158	6231443	1.02	cps
Antimony	121-1	4263309	4249094	4288739	4267047	0.47	cps
Arsenic	75-2	198550	199095	197399	198348	0.44	cps
Barium	135-1	4982065	5023089	5007079	5004077	0.41	cps
Barium	137-1	8688199	8649134	8778934	8705422	0.76	cps
Beryllium	9-1	1120866	1103506	1104461	1109611	0.88	cps
Bismuth	209-1	7762705	7814651	7789939	7789098	0.33	cps
Bismuth	209-2	5072769	5117115	5066526	5085470	0.54	cps
Boron	10-1	126677	128659	131637	128991	1.94	cps
Boron	11-1	590802	603393	612167	602121	1.78	cps
Cadmium	111-1	979336	968204	967216	971585	0.69	cps
Cadmium	106-1	108926	108892	108010	108610	0.48	cps
Cadmium	108-1	72589	73158	73511	73086	0.64	cps
Calcium	43-1	6485245	6452843	6517766	6485285	0.50	cps
Calcium	44-1	105189736	105042513	106191882	105474710	0.59	cps
Chromium	52-2	1680258	1688839	1663849	1677649	0.76	cps
Cobalt	59-2	2447495	2449079	2444500	2447024	0.10	cps
Copper	63-2	3297386	3323211	3294622	3305073	0.48	cps
Dysprosium	156-1	175	83	142	133	34.80	cps
Dysprosium	156-2	117	90	97	101	13.73	cps
Erbium	164-1	108	42	100	83	43.59	cps
Erbium	164-2	27	43	17	29	46.62	cps
Gadolinium	160-1	167	150	108	142	21.21	cps
Gadolinium	160-2	177	203	143	174	17.23	cps
Holmium	165-1	13438315	13187266	13394293	13339958	1.00	cps
Holmium	165-2	7898538	7896787	7774867	7856731	0.90	cps
Indium	115-1	9891085	9851266	9867332	9869894	0.20	cps
Indium	115-2	2554161	2585267	2521094	2553507	1.26	cps
Iron	56-2	343390719	342031341	337457274	340959778	0.91	cps
Iron	57-2	8344604	8309483	8245823	8299970	0.60	cps
Lead	206-1	3003911	3011302	3008383	3007865	0.12	cps
Lead	207-1	2663992	2670941	2635385	2656773	0.71	cps
Lead	208-1	12194515	12240529	12198963	12211335	0.21	cps
Lithium	6-1	3005971	2995374	2996012	2999119	0.20	cps
Magnesium	24-2	65295260	65037908	63958724	64763964	1.09	cps
Manganese	55-2	1919656	1924513	1892876	1912348	0.89	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	CCV085	Instrumnet Name :	P7
Client Sample ID :	CCV085	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 18:08:07	DataFile Name :	026CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8540561	8566322	8545418	8550767	0.16	cps
Molybdenum	95-1	10544117	10516694	10539707	10533506	0.14	cps
Molybdenum	96-1	11485871	11485729	11591492	11521031	0.53	cps
Molybdenum	97-1	6500271	6510862	6502610	6504581	0.09	cps
Molybdenum	98-1	16776086	16694635	16687494	16719405	0.29	cps
Neodymium	150-1	340	340	347	342	1.13	cps
Neodymium	150-2	60	100	83	81	24.77	cps
Nickel	60-2	633930	641566	633161	636219	0.73	cps
Phosphorus	31-2	71832	71823	69722	71126	1.71	cps
Potassium	39-2	35237903	35145066	34790998	35057989	0.67	cps
Rhodium	103-1	9211380	9234644	9210429	9218817	0.15	cps
Rhodium	103-2	4977257	4982163	4875050	4944823	1.22	cps
Scandium	45-1	7224135	7192547	7267889	7228190	0.52	cps
Scandium	45-2	424355	426970	419104	423477	0.95	cps
Selenium	77-2	4334	4334	4281	4316	0.71	cps
Selenium	78-2	14491	14220	13783	14164	2.52	cps
Selenium	82-1	64097	62997	63002	63366	1.00	cps
Silicon	28-1	3889415	3932164	3938933	3920170	0.68	cps
Silver	109-1	4609654	4572541	4595011	4592402	0.41	cps
Silver	107-1	4792518	4830230	4832615	4818454	0.47	cps
Sodium	23-2	122312099	122926286	121627911	122288765	0.53	cps
Strontium	86-1	1331264	1325122	1320258	1325548	0.42	cps
Strontium	88-1	11881417	11865481	11834359	11860419	0.20	cps
Sulfur	34-1	938809	938745	937750	938434	0.06	cps
Terbium	159-1	13617017	13690888	13677425	13661777	0.29	cps
Terbium	159-2	7779583	7852930	7675363	7769292	1.15	cps
Thallium	203-1	3751433	3718133	3762541	3744036	0.62	cps
Thallium	205-1	9035816	9078292	9068517	9060875	0.25	cps
Tin	118-1	3174422	3160304	3175248	3169992	0.26	cps
Titanium	47-1	3143902	3124721	3127861	3132161	0.33	cps
Uranium	238-1	12845378	12918015	12981204	12914866	0.53	cps
Vanadium	51-2	1385240	1381848	1371768	1379619	0.51	cps
Yttrium	89-1	11195210	11135957	11126744	11152637	0.33	cps
Yttrium	89-2	2102483	2092646	2071590	2088906	0.76	cps
Zinc	66-2	506337	506027	503173	505179	0.35	cps
Zirconium	90-1	7267954	7206735	7237703	7237464	0.42	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	CCV085	Instrumnet Name :	P7
Client Sample ID :	CCV085	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 18:08:07	DataFile Name :	026CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1577134	1558077	1563224	1566145	0.63	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	CCB085	Instrumnet Name :	P7
Client Sample ID :	CCB085	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 18:11:45	DataFile Name :	027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	192	258	133	194	32.17	cps
Antimony	121-1	8311	9737	11338	9796	15.46	cps
Arsenic	75-2	37	35	35	36	2.98	cps
Barium	135-1	317	242	342	300	17.35	cps
Barium	137-1	475	617	550	547	12.95	cps
Beryllium	9-1	378	272	333	328	16.17	cps
Bismuth	209-1	8326868	8322705	8366591	8338721	0.29	cps
Bismuth	209-2	5395675	5402577	5388666	5395639	0.13	cps
Boron	10-1	3392	3217	3309	3306	2.65	cps
Boron	11-1	16142	14357	14032	14844	7.66	cps
Cadmium	111-1	2529	2513	2361	2468	3.75	cps
Cadmium	106-1	3592	3509	3334	3478	3.79	cps
Cadmium	108-1	21	21	8	17	43.31	cps
Calcium	43-1	300	325	267	297	9.85	cps
Calcium	44-1	17278	17294	15409	16660	6.51	cps
Chromium	52-2	727	617	587	643	11.46	cps
Cobalt	59-2	147	143	137	142	3.58	cps
Copper	63-2	1413	1357	1327	1366	3.22	cps
Dysprosium	156-1	25	25	0	17	86.60	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	50	17	108	58	79.54	cps
Erbium	164-2	30	20	10	20	50.00	cps
Gadolinium	160-1	50	92	100	81	33.25	cps
Gadolinium	160-2	113	157	207	159	29.39	cps
Holmium	165-1	13139442	13191677	13188665	13173261	0.22	cps
Holmium	165-2	7858648	7846068	7787599	7830772	0.48	cps
Indium	115-1	10307814	10328827	10469434	10368692	0.85	cps
Indium	115-2	2651668	2665167	2672931	2663255	0.40	cps
Iron	56-2	19791	17633	16437	17954	9.47	cps
Iron	57-2	806	811	828	815	1.42	cps
Lead	206-1	1483	1556	1495	1511	2.57	cps
Lead	207-1	1461	1517	1289	1422	8.35	cps
Lead	208-1	6479	6618	6279	6458	2.64	cps
Lithium	6-1	3102825	3088729	3090460	3094005	0.25	cps
Magnesium	24-2	1075	1275	950	1100	14.91	cps
Manganese	55-2	123	73	100	99	25.30	cps

LB Number : LB94752 Operator : Jaswal
 Lab Sample ID : CCB085 Instrumnet Name : P7
 Client Sample ID : CCB085 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-19 18:11:45 DataFile Name : 027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2559	2484	2092	2378	10.54	cps
Molybdenum	95-1	3209	3259	3117	3195	2.25	cps
Molybdenum	96-1	3734	3692	2859	3428	14.40	cps
Molybdenum	97-1	2050	2267	1834	2050	10.57	cps
Molybdenum	98-1	5501	5051	5001	5184	5.31	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	10	3	173.21	cps
Nickel	60-2	53	57	57	56	3.47	cps
Phosphorus	31-2	325	417	358	367	12.65	cps
Potassium	39-2	66859	66617	67646	67041	0.80	cps
Rhodium	103-1	10005955	9886632	9935056	9942548	0.60	cps
Rhodium	103-2	5285968	5340189	5340147	5322101	0.59	cps
Scandium	45-1	7249843	7166004	7345167	7253671	1.24	cps
Scandium	45-2	422520	424706	423388	423538	0.26	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	119	96	111	109	10.41	cps
Selenium	82-1	90	-56	97	44	198.23	cps
Silicon	28-1	439267	437581	439000	438616	0.21	cps
Silver	109-1	650	700	750	700	7.14	cps
Silver	107-1	725	767	758	750	2.94	cps
Sodium	23-2	52744	53112	50369	52075	2.86	cps
Strontium	86-1	800	767	692	753	7.37	cps
Strontium	88-1	533	450	275	419	31.44	cps
Sulfur	34-1	524827	524598	532252	527226	0.83	cps
Terbium	159-1	13529285	13666624	13570259	13588722	0.52	cps
Terbium	159-2	7789885	7728222	7778631	7765579	0.42	cps
Thallium	203-1	1275	1033	1192	1167	10.52	cps
Thallium	205-1	2809	2400	2450	2553	8.73	cps
Tin	118-1	1308	1542	1275	1375	10.57	cps
Titanium	47-1	375	275	225	292	26.19	cps
Uranium	238-1	717	483	367	522	34.13	cps
Vanadium	51-2	40	30	33	34	14.78	cps
Yttrium	89-1	11237549	11158344	11218720	11204871	0.37	cps
Yttrium	89-2	2086143	2111521	2102258	2099974	0.61	cps
Zinc	66-2	163	160	127	150	13.52	cps
Zirconium	90-1	1075	1192	1158	1142	5.26	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	CCB085	Instrumnet Name :	P7
Client Sample ID :	CCB085	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 18:11:45	DataFile Name :	027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	183	217	292	231	24.07	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01	Instrumnet Name :	P7
Client Sample ID :	MH0S17	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 18:15:20	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5545730	5536060	5496610	5526134	0.47	cps
Antimony	121-1	14992	14933	16035	15320	4.04	cps
Arsenic	75-2	2804	2936	2802	2847	2.69	cps
Barium	135-1	2731796	2732147	2717471	2727138	0.31	cps
Barium	137-1	4855585	4792885	4768109	4805526	0.94	cps
Beryllium	9-1	2550	2628	2623	2600	1.67	cps
Bismuth	209-1	7723936	7719509	7817365	7753603	0.71	cps
Bismuth	209-2	4931944	4966072	4924437	4940818	0.45	cps
Boron	10-1	66823	66648	68255	67242	1.31	cps
Boron	11-1	311202	314897	315020	313706	0.69	cps
Cadmium	111-1	6675	5976	5914	6188	6.83	cps
Cadmium	106-1	8169	7561	7844	7858	3.88	cps
Cadmium	108-1	1425	1625	1729	1593	9.70	cps
Calcium	43-1	13911470	13949283	13829622	13896791	0.44	cps
Calcium	44-1	225907013	226646763	224214347	225589374	0.55	cps
Chromium	52-2	34779041	34697121	34680227	34718796	0.15	cps
Cobalt	59-2	38140	37749	37358	37749	1.04	cps
Copper	63-2	1332603	1332209	1336962	1333925	0.20	cps
Dysprosium	156-1	24448	23964	23755	24055	1.48	cps
Dysprosium	156-2	12696	12616	12599	12637	0.41	cps
Erbium	164-1	34536	35689	35497	35241	1.75	cps
Erbium	164-2	19818	19778	20402	19999	1.75	cps
Gadolinium	160-1	20967	20441	20199	20536	1.91	cps
Gadolinium	160-2	11822	12222	12192	12079	1.85	cps
Holmium	165-1	13253752	13069123	13076331	13133069	0.80	cps
Holmium	165-2	7645746	7644225	7628201	7639391	0.13	cps
Indium	115-1	10156561	10094927	10096233	10115907	0.35	cps
Indium	115-2	2518853	2527158	2510977	2518996	0.32	cps
Iron	56-2	935444799	938262843	929228843	934312162	0.49	cps
Iron	57-2	22736146	22860682	22903314	22833381	0.38	cps
Lead	206-1	272978	272380	269941	271766	0.59	cps
Lead	207-1	218527	218893	218640	218687	0.09	cps
Lead	208-1	1034940	1031561	1037683	1034728	0.30	cps
Lithium	6-1	3012972	3017879	3042344	3024398	0.52	cps
Magnesium	24-2	30553308	30493043	30378470	30474941	0.29	cps
Manganese	55-2	127237908	127568378	127392551	127399613	0.13	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01	Instrumnet Name :	P7
Client Sample ID :	MH0S17	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 18:15:20	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	610928	620411	613797	615045	0.79	cps
Molybdenum	95-1	186124	188910	189296	188110	0.92	cps
Molybdenum	96-1	286815	282550	283818	284395	0.77	cps
Molybdenum	97-1	114642	113634	115038	114438	0.63	cps
Molybdenum	98-1	295350	292544	294612	294169	0.49	cps
Neodymium	150-1	98866	97865	98597	98443	0.53	cps
Neodymium	150-2	46672	47037	46120	46610	0.99	cps
Nickel	60-2	116683	118175	118894	117917	0.96	cps
Phosphorus	31-2	21391	20682	21650	21241	2.36	cps
Potassium	39-2	149144	148798	147904	148615	0.43	cps
Rhodium	103-1	9311644	9205917	9294582	9270714	0.61	cps
Rhodium	103-2	4863629	4885811	4863044	4870828	0.27	cps
Scandium	45-1	7111849	7152614	7120473	7128312	0.30	cps
Scandium	45-2	406383	401410	400840	402878	0.76	cps
Selenium	77-2	93	97	67	86	19.22	cps
Selenium	78-2	181	148	157	162	10.60	cps
Selenium	82-1	406	445	391	414	6.75	cps
Silicon	28-1	31070336	31073775	31364686	31169599	0.54	cps
Silver	109-1	21943	22210	21659	21937	1.26	cps
Silver	107-1	23212	23312	23403	23309	0.41	cps
Sodium	23-2	252369	255405	252125	253299	0.72	cps
Strontium	86-1	2259754	2269949	2265709	2265137	0.23	cps
Strontium	88-1	20363018	20350100	20115060	20276059	0.69	cps
Sulfur	34-1	594716	590632	599508	594952	0.75	cps
Terbium	159-1	13537798	13458784	13372713	13456432	0.61	cps
Terbium	159-2	7642558	7574532	7621014	7612701	0.46	cps
Thallium	203-1	2442	2217	2142	2267	6.89	cps
Thallium	205-1	6293	5651	4868	5604	12.74	cps
Tin	118-1	119117	119909	119580	119535	0.33	cps
Titanium	47-1	3500797	3551946	3526669	3526471	0.73	cps
Uranium	238-1	44319	45206	44077	44534	1.33	cps
Vanadium	51-2	2835575	2835314	2833827	2834905	0.03	cps
Yttrium	89-1	11365137	11278737	11279126	11307667	0.44	cps
Yttrium	89-2	2041727	2053162	2055779	2050223	0.36	cps
Zinc	66-2	741492	745251	744587	743777	0.27	cps
Zirconium	90-1	1404471	1404681	1397524	1402225	0.29	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01	Instrumnet Name :	P7
Client Sample ID :	MH0S17	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 18:15:20	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	314292	308947	309116	310785	0.98	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-02	Instrumnet Name :	P7
Client Sample ID :	MH0S17D	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 18:18:58	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5534248	5503585	5511687	5516507	0.29	cps
Antimony	121-1	12982	13424	13741	13382	2.85	cps
Arsenic	75-2	2817	3017	3008	2947	3.83	cps
Barium	135-1	2803839	2804772	2763610	2790740	0.84	cps
Barium	137-1	4894383	4881258	4844059	4873233	0.54	cps
Beryllium	9-1	2534	2350	2406	2430	3.87	cps
Bismuth	209-1	7772118	7882056	7811302	7821825	0.71	cps
Bismuth	209-2	4841416	4942826	4926455	4903565	1.11	cps
Boron	10-1	65802	67342	68280	67141	1.86	cps
Boron	11-1	315008	318137	321011	318052	0.94	cps
Cadmium	111-1	6286	6323	6132	6247	1.63	cps
Cadmium	106-1	8069	8061	7636	7922	3.13	cps
Cadmium	108-1	1613	1629	1608	1617	0.68	cps
Calcium	43-1	14053796	14203994	14003900	14087230	0.74	cps
Calcium	44-1	228427888	229000905	229669847	229032880	0.27	cps
Chromium	52-2	35153829	34876183	34746980	34925664	0.60	cps
Cobalt	59-2	36091	36699	36522	36438	0.86	cps
Copper	63-2	1372611	1375757	1374524	1374297	0.12	cps
Dysprosium	156-1	24080	24732	23337	24050	2.90	cps
Dysprosium	156-2	12619	12649	12990	12753	1.61	cps
Erbium	164-1	36074	35531	42341	37982	9.97	cps
Erbium	164-2	19848	19978	20229	20018	0.97	cps
Gadolinium	160-1	21134	20408	21125	20889	2.00	cps
Gadolinium	160-2	12382	12412	12142	12312	1.20	cps
Holmium	165-1	13364228	13188060	13185017	13245768	0.77	cps
Holmium	165-2	7540844	7649851	7639804	7610167	0.79	cps
Indium	115-1	10244573	10163825	10157202	10188533	0.48	cps
Indium	115-2	2484935	2504986	2511932	2500618	0.56	cps
Iron	56-2	950674932	954428199	948856110	951319747	0.30	cps
Iron	57-2	23209453	23267674	23320237	23265788	0.24	cps
Lead	206-1	334664	329745	328618	331009	0.97	cps
Lead	207-1	268035	268363	262944	266448	1.14	cps
Lead	208-1	1265126	1261768	1248398	1258431	0.70	cps
Lithium	6-1	3114265	3104721	3119808	3112931	0.25	cps
Magnesium	24-2	30682616	30707812	30734403	30708277	0.08	cps
Manganese	55-2	128774595	129240958	129022525	129012693	0.18	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-02	Instrumnet Name :	P7
Client Sample ID :	MH0S17D	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 18:18:58	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	620371	623491	624137	622667	0.32	cps
Molybdenum	95-1	194829	194810	193088	194242	0.51	cps
Molybdenum	96-1	295973	291322	292731	293342	0.81	cps
Molybdenum	97-1	121010	119020	120447	120159	0.85	cps
Molybdenum	98-1	304195	305674	305849	305239	0.30	cps
Neodymium	150-1	101116	101028	99215	100453	1.07	cps
Neodymium	150-2	46247	46896	47043	46729	0.91	cps
Nickel	60-2	115598	115571	116659	115943	0.54	cps
Phosphorus	31-2	21408	21691	21258	21452	1.03	cps
Potassium	39-2	146753	144808	143388	144983	1.16	cps
Rhodium	103-1	9390738	9295492	9331186	9339139	0.52	cps
Rhodium	103-2	4828733	4863132	4846842	4846236	0.36	cps
Scandium	45-1	7092863	7189029	7161377	7147756	0.69	cps
Scandium	45-2	400067	399170	396098	398445	0.52	cps
Selenium	77-2	120	117	87	108	17.03	cps
Selenium	78-2	178	170	169	172	2.85	cps
Selenium	82-1	415	352	442	403	11.45	cps
Silicon	28-1	32118055	32317114	32128460	32187876	0.35	cps
Silver	109-1	21834	21826	21918	21859	0.23	cps
Silver	107-1	22752	23053	22644	22816	0.93	cps
Sodium	23-2	245941	246257	249604	247267	0.82	cps
Strontium	86-1	2295370	2309230	2316556	2307052	0.47	cps
Strontium	88-1	20690223	20704961	20695697	20696961	0.04	cps
Sulfur	34-1	645168	646596	643863	645209	0.21	cps
Terbium	159-1	13625081	13495460	13528717	13549753	0.50	cps
Terbium	159-2	7596817	7622542	7671184	7630181	0.49	cps
Thallium	203-1	1375	1342	1408	1375	2.43	cps
Thallium	205-1	3292	3067	2892	3084	6.50	cps
Tin	118-1	124128	121598	123145	122957	1.04	cps
Titanium	47-1	3586463	3599895	3571594	3585984	0.39	cps
Uranium	238-1	44210	46001	44947	45053	2.00	cps
Vanadium	51-2	2851657	2874569	2841722	2855983	0.59	cps
Yttrium	89-1	11426491	11392147	11497409	11438682	0.47	cps
Yttrium	89-2	2036401	2042731	2042547	2040560	0.18	cps
Zinc	66-2	726382	725659	724734	725592	0.11	cps
Zirconium	90-1	1413216	1408708	1424474	1415466	0.57	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-02	Instrumnet Name :	P7
Client Sample ID :	MH0S17D	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 18:18:58	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	310533	314946	314450	313310	0.77	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01LX5	Instrumnet Name :	P7
Client Sample ID :	MH0S17L	Dilution Factor :	5
Date & Time Acquired ::	2018-04-19 18:22:35	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1057972	1054898	1047260	1053377	0.52	cps
Antimony	121-1	3601	3709	4401	3904	11.12	cps
Arsenic	75-2	535	583	548	556	4.48	cps
Barium	135-1	544261	539762	550007	544677	0.94	cps
Barium	137-1	953369	939370	954350	949030	0.88	cps
Beryllium	9-1	661	589	550	600	9.40	cps
Bismuth	209-1	8262316	8185298	8202187	8216601	0.49	cps
Bismuth	209-2	5162974	5174687	5196190	5177950	0.33	cps
Boron	10-1	14457	15100	15667	15075	4.01	cps
Boron	11-1	71678	71319	70757	71252	0.65	cps
Cadmium	111-1	3251	3201	3397	3283	3.09	cps
Cadmium	106-1	4384	4351	4609	4448	3.16	cps
Cadmium	108-1	288	325	358	324	10.95	cps
Calcium	43-1	2770524	2710215	2705073	2728604	1.33	cps
Calcium	44-1	45294750	45220493	44954941	45156728	0.40	cps
Chromium	52-2	6859455	6784018	6772224	6805232	0.70	cps
Cobalt	59-2	7585	7522	7699	7602	1.18	cps
Copper	63-2	272128	273061	274518	273235	0.44	cps
Dysprosium	156-1	5143	4434	4834	4804	7.40	cps
Dysprosium	156-2	2564	2430	2560	2518	3.02	cps
Erbium	164-1	7561	7686	6644	7297	7.80	cps
Erbium	164-2	3814	3757	4114	3895	4.92	cps
Gadolinium	160-1	4201	4376	3951	4176	5.12	cps
Gadolinium	160-2	2537	2407	2357	2434	3.82	cps
Holmium	165-1	13379398	13467721	13277125	13374748	0.71	cps
Holmium	165-2	7678803	7702621	7707321	7696248	0.20	cps
Indium	115-1	10382151	10328621	10198633	10303135	0.92	cps
Indium	115-2	2521849	2542649	2532309	2532269	0.41	cps
Iron	56-2	185446982	186213265	185018149	185559465	0.33	cps
Iron	57-2	4480119	4518178	4497940	4498746	0.42	cps
Lead	206-1	58094	58875	57598	58189	1.11	cps
Lead	207-1	47056	47057	47135	47083	0.10	cps
Lead	208-1	221595	220634	220223	220817	0.32	cps
Lithium	6-1	3080462	3093650	3072028	3082047	0.35	cps
Magnesium	24-2	6044608	6000713	6009357	6018226	0.39	cps
Manganese	55-2	25283987	25194995	24827765	25102249	0.96	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01LX5	Instrumnet Name :	P7
Client Sample ID :	MH0S17L	Dilution Factor :	5
Date & Time Acquired ::	2018-04-19 18:22:35	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	126765	123068	121975	123936	2.03	cps
Molybdenum	95-1	38787	37960	38077	38275	1.17	cps
Molybdenum	96-1	57074	57374	57300	57249	0.27	cps
Molybdenum	97-1	22535	23228	22778	22847	1.54	cps
Molybdenum	98-1	58396	59551	58345	58764	1.16	cps
Neodymium	150-1	20242	19134	20088	19821	3.03	cps
Neodymium	150-2	9337	9320	9510	9389	1.12	cps
Nickel	60-2	23072	23619	23272	23321	1.19	cps
Phosphorus	31-2	4359	4534	4393	4429	2.10	cps
Potassium	39-2	72528	75886	73273	73895	2.39	cps
Rhodium	103-1	9840341	9807527	9737047	9794971	0.54	cps
Rhodium	103-2	5053549	5074459	5057185	5061731	0.22	cps
Scandium	45-1	7163015	7160468	7150184	7157889	0.09	cps
Scandium	45-2	396223	395201	392460	394628	0.49	cps
Selenium	77-2	23	23	13	20	28.87	cps
Selenium	78-2	126	109	131	122	9.46	cps
Selenium	82-1	133	27	54	71	76.97	cps
Silicon	28-1	6584594	6561985	6541538	6562706	0.33	cps
Silver	109-1	4843	4559	4559	4654	3.52	cps
Silver	107-1	5376	4918	4884	5059	5.43	cps
Sodium	23-2	71629	72275	72325	72076	0.54	cps
Strontium	86-1	453734	448726	448837	450433	0.63	cps
Strontium	88-1	4020774	3982335	3999094	4000734	0.48	cps
Sulfur	34-1	551591	550794	549786	550724	0.16	cps
Terbium	159-1	13743912	13697396	13645009	13695439	0.36	cps
Terbium	159-2	7676541	7638187	7645003	7653244	0.27	cps
Thallium	203-1	492	425	375	431	13.60	cps
Thallium	205-1	867	858	1067	931	12.68	cps
Tin	118-1	25390	25148	24213	24917	2.50	cps
Titanium	47-1	690188	691286	683854	688443	0.58	cps
Uranium	238-1	9054	8712	9195	8987	2.77	cps
Vanadium	51-2	545114	552890	545242	547749	0.81	cps
Yttrium	89-1	11315369	11282698	11320089	11306052	0.18	cps
Yttrium	89-2	2007064	2001976	2002063	2003701	0.15	cps
Zinc	66-2	155451	154888	154473	154937	0.32	cps
Zirconium	90-1	278283	276954	281749	278995	0.89	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01LX5	Instrumnet Name :	P7
Client Sample ID :	MH0S17L	Dilution Factor :	5
Date & Time Acquired ::	2018-04-19 18:22:35	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	62478	63023	62956	62819	0.47	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-03	Instrumnet Name :	P7
Client Sample ID :	MH0S17S	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 18:26:09	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5320467	5335904	5369229	5341867	0.47	cps
Antimony	121-1	169538	167859	168526	168641	0.50	cps
Arsenic	75-2	5607	5662	5564	5611	0.88	cps
Barium	135-1	3464778	3467543	3468460	3466927	0.06	cps
Barium	137-1	6134059	6086892	6114919	6111956	0.39	cps
Beryllium	9-1	22456	22795	22545	22599	0.78	cps
Bismuth	209-1	7797204	7839345	7865951	7834167	0.44	cps
Bismuth	209-2	4904625	4894609	4964785	4921340	0.77	cps
Boron	10-1	65208	66070	65174	65484	0.78	cps
Boron	11-1	305596	309797	306408	307267	0.73	cps
Cadmium	111-1	24816	23877	24825	24506	2.22	cps
Cadmium	106-1	9470	8636	9512	9206	5.37	cps
Cadmium	108-1	2867	3071	2788	2909	5.03	cps
Calcium	43-1	13784421	13717539	13785001	13762320	0.28	cps
Calcium	44-1	224032197	223726972	223082897	223614022	0.22	cps
Chromium	52-2	33939626	33706089	34258731	33968149	0.82	cps
Cobalt	59-2	490799	484747	489199	488249	0.64	cps
Copper	63-2	1462086	1454309	1470862	1462419	0.57	cps
Dysprosium	156-1	23488	23888	23671	23682	0.85	cps
Dysprosium	156-2	12499	12319	12302	12373	0.88	cps
Erbium	164-1	34720	35297	35096	35038	0.84	cps
Erbium	164-2	19057	19628	19711	19465	1.83	cps
Gadolinium	160-1	20099	19999	19940	20013	0.40	cps
Gadolinium	160-2	12012	11972	12069	12018	0.40	cps
Holmium	165-1	13259697	13278988	13309355	13282680	0.19	cps
Holmium	165-2	7634542	7654086	7733739	7674122	0.68	cps
Indium	115-1	10145708	10212600	10223958	10194089	0.41	cps
Indium	115-2	2470656	2453330	2507820	2477269	1.12	cps
Iron	56-2	909688154	911336109	922147398	914390554	0.74	cps
Iron	57-2	22207891	22145757	22538757	22297468	0.95	cps
Lead	206-1	306697	306340	304216	305751	0.44	cps
Lead	207-1	246821	249632	249559	248671	0.64	cps
Lead	208-1	1163528	1171234	1165809	1166857	0.34	cps
Lithium	6-1	3076980	3106135	3118814	3100643	0.69	cps
Magnesium	24-2	29471592	29588795	29656629	29572339	0.32	cps
Manganese	55-2	124249871	123532975	125404378	124395741	0.76	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-03	Instrumnet Name :	P7
Client Sample ID :	MH0S17S	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 18:26:09	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	598449	611691	606274	605471	1.10	cps
Molybdenum	95-1	186237	188715	186242	187065	0.76	cps
Molybdenum	96-1	282811	283470	281775	282685	0.30	cps
Molybdenum	97-1	114021	112172	114811	113668	1.19	cps
Molybdenum	98-1	293800	293640	293425	293622	0.06	cps
Neodymium	150-1	98214	97973	97477	97888	0.38	cps
Neodymium	150-2	45231	44736	45438	45135	0.80	cps
Nickel	60-2	230781	230219	232110	231037	0.42	cps
Phosphorus	31-2	20573	20724	19697	20331	2.73	cps
Potassium	39-2	136919	135969	140323	137737	1.66	cps
Rhodium	103-1	9374453	9330641	9341009	9348701	0.24	cps
Rhodium	103-2	4799106	4775386	4854973	4809822	0.85	cps
Scandium	45-1	7114764	7153813	7117799	7128792	0.30	cps
Scandium	45-2	391413	391285	396990	393229	0.83	cps
Selenium	77-2	263	350	270	294	16.38	cps
Selenium	78-2	907	893	863	888	2.55	cps
Selenium	82-1	3825	3855	3738	3806	1.59	cps
Silicon	28-1	31227925	30972489	31089568	31096661	0.41	cps
Silver	109-1	108557	109245	107800	108534	0.67	cps
Silver	107-1	114796	112234	112334	113122	1.28	cps
Sodium	23-2	230933	230700	229055	230229	0.44	cps
Strontium	86-1	2242704	2234177	2245821	2240901	0.27	cps
Strontium	88-1	20059731	20132529	20218663	20136974	0.40	cps
Sulfur	34-1	645654	645953	640612	644073	0.47	cps
Terbium	159-1	13499984	13722661	13586836	13603160	0.83	cps
Terbium	159-2	7574986	7603643	7612991	7597207	0.26	cps
Thallium	203-1	71752	72599	73176	72509	0.99	cps
Thallium	205-1	171902	175058	168974	171978	1.77	cps
Tin	118-1	118790	118345	119203	118779	0.36	cps
Titanium	47-1	3475819	3461030	3459215	3465355	0.26	cps
Uranium	238-1	43391	45658	44378	44476	2.56	cps
Vanadium	51-2	2984500	2993197	3020818	2999505	0.63	cps
Yttrium	89-1	11449384	11454562	11478172	11460706	0.13	cps
Yttrium	89-2	2014063	2015518	2047505	2025695	0.93	cps
Zinc	66-2	756249	760371	764072	760231	0.51	cps
Zirconium	90-1	1389647	1382359	1390320	1387442	0.32	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-03	Instrumnet Name :	P7
Client Sample ID :	MH0S17S	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 18:26:09	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	309348	306199	310123	308557	0.67	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0S17	Dilution Factor :	2
Date & Time Acquired ::	2018-04-19 18:29:46	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2704476	2733829	2720049	2719452	0.54	cps
Antimony	121-1	9178	9495	9846	9506	3.51	cps
Arsenic	75-2	1448	1465	1520	1478	2.56	cps
Barium	135-1	1454234	1429312	1436155	1439901	0.89	cps
Barium	137-1	2520641	2497038	2505200	2507626	0.48	cps
Beryllium	9-1	1628	1683	1433	1582	8.30	cps
Bismuth	209-1	8145695	8030118	7981812	8052542	1.05	cps
Bismuth	209-2	4922718	4963433	4992493	4959548	0.71	cps
Boron	10-1	35142	34641	35325	35036	1.01	cps
Boron	11-1	163416	164611	166853	164960	1.06	cps
Cadmium	111-1	4813	4462	4625	4633	3.79	cps
Cadmium	106-1	6002	5585	5818	5801	3.60	cps
Cadmium	108-1	817	871	938	875	6.92	cps
Calcium	43-1	7303642	7223993	7155728	7227788	1.02	cps
Calcium	44-1	119056328	117881190	117385432	118107650	0.73	cps
Chromium	52-2	17693371	17748838	17962610	17801606	0.80	cps
Cobalt	59-2	25349	24113	25172	24878	2.69	cps
Copper	63-2	689417	695751	702635	695934	0.95	cps
Dysprosium	156-1	12206	12573	12731	12503	2.16	cps
Dysprosium	156-2	6488	6488	6762	6579	2.40	cps
Erbium	164-1	18630	18705	18755	18697	0.34	cps
Erbium	164-2	10024	10391	9957	10124	2.31	cps
Gadolinium	160-1	11030	10546	11222	10933	3.18	cps
Gadolinium	160-2	6135	6188	6245	6189	0.89	cps
Holmium	165-1	13386996	13319875	13270834	13325902	0.44	cps
Holmium	165-2	7533264	7617699	7679513	7610159	0.96	cps
Indium	115-1	10326463	10230785	10173607	10243618	0.75	cps
Indium	115-2	2441811	2464855	2487620	2464762	0.93	cps
Iron	56-2	481594611	480805600	485101300	482500503	0.47	cps
Iron	57-2	11794730	11778295	11865582	11812869	0.39	cps
Lead	206-1	147504	144220	144171	145298	1.31	cps
Lead	207-1	119682	116928	119007	118539	1.21	cps
Lead	208-1	560767	547321	552545	553544	1.22	cps
Lithium	6-1	3006357	3007348	2979954	2997886	0.52	cps
Magnesium	24-2	15484858	15468131	15557683	15503557	0.31	cps
Manganese	55-2	65106187	65538069	65746734	65463663	0.50	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0S17	Dilution Factor :	2
Date & Time Acquired ::	2018-04-19 18:29:46	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	324774	323319	320807	322967	0.62	cps
Molybdenum	95-1	99419	97171	100040	98877	1.53	cps
Molybdenum	96-1	149679	146547	149745	148657	1.23	cps
Molybdenum	97-1	59408	60312	60086	59935	0.79	cps
Molybdenum	98-1	156107	154405	155297	155270	0.55	cps
Neodymium	150-1	52226	50995	51651	51624	1.19	cps
Neodymium	150-2	23313	23898	24272	23827	2.03	cps
Nickel	60-2	61806	61639	63115	62187	1.30	cps
Phosphorus	31-2	10788	10829	10479	10699	1.79	cps
Potassium	39-2	97654	97779	96539	97324	0.70	cps
Rhodium	103-1	9589765	9523609	9612353	9575242	0.48	cps
Rhodium	103-2	4850486	4900336	4938544	4896455	0.90	cps
Scandium	45-1	7163220	7124140	7141304	7142888	0.27	cps
Scandium	45-2	386683	391279	391867	389943	0.73	cps
Selenium	77-2	40	23	37	33	26.47	cps
Selenium	78-2	159	122	143	141	13.12	cps
Selenium	82-1	168	291	319	259	31.09	cps
Silicon	28-1	16660308	16554489	16577874	16597557	0.33	cps
Silver	109-1	12848	12873	12623	12781	1.08	cps
Silver	107-1	13565	13315	13899	13593	2.16	cps
Sodium	23-2	128901	128437	128833	128724	0.19	cps
Strontium	86-1	1181084	1179062	1186543	1182230	0.33	cps
Strontium	88-1	10680522	10654623	10777523	10704223	0.61	cps
Sulfur	34-1	587815	581577	574799	581397	1.12	cps
Terbium	159-1	13678033	13421413	13612286	13570577	0.98	cps
Terbium	159-2	7526174	7562074	7597597	7561948	0.47	cps
Thallium	203-1	1542	1592	1375	1503	7.55	cps
Thallium	205-1	3226	3392	3142	3253	3.91	cps
Tin	118-1	64214	64063	61778	63352	2.15	cps
Titanium	47-1	1835173	1803591	1805173	1814646	0.98	cps
Uranium	238-1	23572	23790	23472	23611	0.69	cps
Vanadium	51-2	1421505	1440554	1448343	1436800	0.96	cps
Yttrium	89-1	11421038	11264420	11239079	11308179	0.87	cps
Yttrium	89-2	1969952	1994266	2003208	1989142	0.87	cps
Zinc	66-2	388187	390693	391403	390094	0.43	cps
Zirconium	90-1	743016	735056	734315	737462	0.65	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0S17	Dilution Factor :	2
Date & Time Acquired ::	2018-04-19 18:29:46	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	164273	165244	163659	164392	0.49	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-02DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0S17D	Dilution Factor :	2
Date & Time Acquired ::	2018-04-19 18:33:22	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2612400	2614871	2597021	2608097	0.37	cps
Antimony	121-1	6318	6710	6769	6599	3.71	cps
Arsenic	75-2	1520	1446	1380	1449	4.86	cps
Barium	135-1	1367269	1373455	1364950	1368558	0.32	cps
Barium	137-1	2379475	2371771	2369296	2373514	0.22	cps
Beryllium	9-1	1272	1145	1317	1245	7.18	cps
Bismuth	209-1	8044468	8018454	8017153	8026692	0.19	cps
Bismuth	209-2	4989481	5039107	4998810	5009132	0.53	cps
Boron	10-1	32110	32602	32953	32555	1.30	cps
Boron	11-1	151468	155281	156022	154257	1.58	cps
Cadmium	111-1	4443	4576	4360	4460	2.44	cps
Cadmium	106-1	5977	6043	5660	5893	3.48	cps
Cadmium	108-1	921	846	813	860	6.45	cps
Calcium	43-1	6866269	6869943	6929223	6888478	0.51	cps
Calcium	44-1	110889240	111855573	111964153	111569655	0.53	cps
Chromium	52-2	16880448	17119746	17009792	17003329	0.70	cps
Cobalt	59-2	18195	18205	18188	18196	0.05	cps
Copper	63-2	684442	691434	694436	690104	0.74	cps
Dysprosium	156-1	12498	12014	12523	12345	2.32	cps
Dysprosium	156-2	6208	6111	6388	6236	2.25	cps
Erbium	164-1	17378	17779	17237	17465	1.61	cps
Erbium	164-2	9710	9957	9957	9875	1.44	cps
Gadolinium	160-1	10104	10546	10188	10279	2.29	cps
Gadolinium	160-2	5998	6182	6215	6131	1.90	cps
Holmium	165-1	13170136	13255060	13122682	13182626	0.51	cps
Holmium	165-2	7552459	7754308	7665977	7657581	1.32	cps
Indium	115-1	10284759	10316200	10149328	10250096	0.87	cps
Indium	115-2	2479332	2500382	2503334	2494349	0.52	cps
Iron	56-2	469673022	469809411	467036355	468839596	0.33	cps
Iron	57-2	11424830	11587295	11500300	11504142	0.71	cps
Lead	206-1	174859	172221	174844	173975	0.87	cps
Lead	207-1	141149	140861	142464	141491	0.60	cps
Lead	208-1	669516	661899	663451	664955	0.61	cps
Lithium	6-1	2941656	2960420	2934256	2945444	0.46	cps
Magnesium	24-2	14887918	15009997	14933480	14943798	0.41	cps
Manganese	55-2	63330391	63718759	63119001	63389384	0.48	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-02DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0S17D	Dilution Factor :	2
Date & Time Acquired ::	2018-04-19 18:33:22	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	302233	304915	303905	303684	0.45	cps
Molybdenum	95-1	97331	96979	95358	96556	1.09	cps
Molybdenum	96-1	143186	144562	143945	143898	0.48	cps
Molybdenum	97-1	58019	58329	59566	58638	1.40	cps
Molybdenum	98-1	150783	150471	151237	150830	0.26	cps
Neodymium	150-1	48131	49449	49309	48963	1.48	cps
Neodymium	150-2	22231	22792	22188	22404	1.50	cps
Nickel	60-2	56873	57288	56991	57051	0.37	cps
Phosphorus	31-2	10679	10496	10496	10557	1.00	cps
Potassium	39-2	94946	96588	96260	95931	0.91	cps
Rhodium	103-1	9576232	9631158	9566031	9591140	0.37	cps
Rhodium	103-2	4899245	4940769	4995434	4945149	0.98	cps
Scandium	45-1	7115354	7108351	7133476	7119061	0.18	cps
Scandium	45-2	391621	394056	392368	392682	0.32	cps
Selenium	77-2	43	43	33	40	14.43	cps
Selenium	78-2	133	126	143	134	6.23	cps
Selenium	82-1	237	186	277	233	19.49	cps
Silicon	28-1	15937433	16196752	15960363	16031516	0.90	cps
Silver	109-1	10104	10988	10838	10643	4.44	cps
Silver	107-1	11397	10980	10838	11071	2.62	cps
Sodium	23-2	125052	127223	124278	125518	1.22	cps
Strontium	86-1	1121791	1118388	1126297	1122159	0.35	cps
Strontium	88-1	10156416	10171518	10247599	10191845	0.48	cps
Sulfur	34-1	578271	578753	579696	578907	0.13	cps
Terbium	159-1	13750934	13676519	13476341	13634598	1.04	cps
Terbium	159-2	7567588	7743803	7696992	7669461	1.19	cps
Thallium	203-1	317	308	375	333	10.90	cps
Thallium	205-1	842	850	942	878	6.32	cps
Tin	118-1	62247	61879	61593	61906	0.53	cps
Titanium	47-1	1730236	1727781	1729974	1729330	0.08	cps
Uranium	238-1	22212	22128	22345	22228	0.49	cps
Vanadium	51-2	1366698	1377779	1372488	1372322	0.40	cps
Yttrium	89-1	11315864	11376394	11414012	11368757	0.44	cps
Yttrium	89-2	1996065	1997000	2011044	2001369	0.42	cps
Zinc	66-2	356203	359603	359284	358363	0.52	cps
Zirconium	90-1	685647	690223	685195	687022	0.40	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-02DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0S17D	Dilution Factor :	2
Date & Time Acquired ::	2018-04-19 18:33:22	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	154054	156361	151451	153955	1.60	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01LDLX10	Instrumnet Name :	P7
Client Sample ID :	MH0S17L	Dilution Factor :	10
Date & Time Acquired ::	2018-04-19 18:36:58	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	547847	544336	533735	541973	1.36	cps
Antimony	121-1	2050	2267	2392	2236	7.73	cps
Arsenic	75-2	346	289	287	307	10.96	cps
Barium	135-1	287412	284174	281964	284517	0.96	cps
Barium	137-1	495648	483166	497386	492067	1.58	cps
Beryllium	9-1	472	406	428	435	7.80	cps
Bismuth	209-1	8244387	8229058	8225337	8232928	0.12	cps
Bismuth	209-2	5188429	5174631	5125803	5162954	0.64	cps
Boron	10-1	8069	8111	8328	8169	1.70	cps
Boron	11-1	37698	38408	38408	38171	1.07	cps
Cadmium	111-1	3191	3001	2987	3060	3.74	cps
Cadmium	106-1	4451	4176	3984	4204	5.58	cps
Cadmium	108-1	225	204	146	192	21.41	cps
Calcium	43-1	1414961	1400069	1397443	1404158	0.67	cps
Calcium	44-1	23400165	23147471	23080903	23209513	0.73	cps
Chromium	52-2	3547232	3520290	3478413	3515312	0.99	cps
Cobalt	59-2	5158	5298	5141	5199	1.66	cps
Copper	63-2	145229	145003	142991	144408	0.85	cps
Dysprosium	156-1	2384	2400	2625	2470	5.47	cps
Dysprosium	156-2	1317	1277	1323	1306	1.93	cps
Erbium	164-1	3459	3501	3826	3595	5.59	cps
Erbium	164-2	2160	1884	2170	2071	7.86	cps
Gadolinium	160-1	2134	2267	2184	2195	3.07	cps
Gadolinium	160-2	1380	1347	1357	1361	1.26	cps
Holmium	165-1	13415885	13004966	13140705	13187185	1.59	cps
Holmium	165-2	7682960	7634263	7498818	7605347	1.25	cps
Indium	115-1	10265517	10229868	10342074	10279153	0.56	cps
Indium	115-2	2514967	2524715	2470664	2503449	1.15	cps
Iron	56-2	97877727	97177063	95606163	96886985	1.20	cps
Iron	57-2	2327803	2312023	2295754	2311860	0.69	cps
Lead	206-1	31716	31371	30959	31349	1.21	cps
Lead	207-1	25754	25853	25191	25599	1.39	cps
Lead	208-1	120588	120236	120245	120356	0.17	cps
Lithium	6-1	2933204	2900472	2900165	2911280	0.65	cps
Magnesium	24-2	3128109	3105802	3060547	3098153	1.11	cps
Manganese	55-2	13304238	13090756	12912684	13102559	1.50	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01LDLX10	Instrumnet Name :	P7
Client Sample ID :	MH0S17L	Dilution Factor :	10
Date & Time Acquired ::	2018-04-19 18:36:58	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	63726	61500	62889	62705	1.79	cps
Molybdenum	95-1	19481	19047	19956	19495	2.33	cps
Molybdenum	96-1	29757	30049	30083	29963	0.60	cps
Molybdenum	97-1	12389	11597	12414	12133	3.83	cps
Molybdenum	98-1	30801	29982	31218	30667	2.05	cps
Neodymium	150-1	10344	10391	10444	10393	0.48	cps
Neodymium	150-2	4764	4831	4924	4840	1.66	cps
Nickel	60-2	13393	13023	12516	12977	3.39	cps
Phosphorus	31-2	2384	2542	2509	2478	3.37	cps
Potassium	39-2	66516	66893	64173	65861	2.24	cps
Rhodium	103-1	9839922	9764215	9696623	9766920	0.73	cps
Rhodium	103-2	5099455	5087994	5015242	5067564	0.90	cps
Scandium	45-1	7079513	7032465	7002811	7038263	0.55	cps
Scandium	45-2	391350	392124	386506	389993	0.78	cps
Selenium	77-2	7	7	7	7	0.00	cps
Selenium	78-2	117	115	107	113	4.34	cps
Selenium	82-1	73	58	50	60	19.71	cps
Silicon	28-1	3588724	4502640	3587844	3893069	13.56	cps
Silver	109-1	2484	2809	2434	2575	7.91	cps
Silver	107-1	2525	2892	3217	2878	12.03	cps
Sodium	23-2	44174	44618	45487	44759	1.49	cps
Strontium	86-1	233801	233852	234374	234009	0.14	cps
Strontium	88-1	2060885	2037323	2057492	2051900	0.62	cps
Sulfur	34-1	536096	539446	534877	536806	0.44	cps
Terbium	159-1	13701156	13468301	13500529	13556662	0.93	cps
Terbium	159-2	7659409	7609595	7426114	7565039	1.62	cps
Thallium	203-1	450	417	350	406	12.56	cps
Thallium	205-1	958	825	1000	928	9.85	cps
Tin	118-1	13532	12873	13323	13243	2.54	cps
Titanium	47-1	359033	351377	349088	353166	1.47	cps
Uranium	238-1	4793	4584	4451	4609	3.74	cps
Vanadium	51-2	285077	284763	278841	282894	1.24	cps
Yttrium	89-1	11212639	11137270	11203046	11184318	0.37	cps
Yttrium	89-2	2005458	1980761	1957952	1981390	1.20	cps
Zinc	66-2	81476	81509	81368	81451	0.09	cps
Zirconium	90-1	144749	144404	144254	144469	0.18	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01LDLX10	Instrumnet Name :	P7
Client Sample ID :	MH0S17L	Dilution Factor :	10
Date & Time Acquired ::	2018-04-19 18:36:58	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	32446	31169	32463	32026	2.32	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-03DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0S17S	Dilution Factor :	2
Date & Time Acquired ::	2018-04-19 18:40:31	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2558965	2522016	2546954	2542645	0.74	cps
Antimony	121-1	82400	84849	84789	84013	1.66	cps
Arsenic	75-2	2880	2854	2737	2824	2.69	cps
Barium	135-1	1710282	1704495	1706027	1706935	0.18	cps
Barium	137-1	2994826	2992667	2976872	2988122	0.33	cps
Beryllium	9-1	11360	11177	10654	11064	3.31	cps
Bismuth	209-1	7993508	7911190	8027971	7977556	0.75	cps
Bismuth	209-2	4977204	4946187	4973209	4965533	0.34	cps
Boron	10-1	32811	32653	32452	32639	0.55	cps
Boron	11-1	150525	149483	152293	150767	0.94	cps
Cadmium	111-1	14228	14279	13404	13970	3.51	cps
Cadmium	106-1	6835	7369	6185	6796	8.72	cps
Cadmium	108-1	1463	1542	1321	1442	7.76	cps
Calcium	43-1	6726734	6716748	6687000	6710161	0.31	cps
Calcium	44-1	110115136	109670540	109232432	109672702	0.40	cps
Chromium	52-2	16807758	16511197	16546766	16621907	0.97	cps
Cobalt	59-2	239865	241659	241849	241124	0.45	cps
Copper	63-2	735405	738694	745134	739744	0.67	cps
Dysprosium	156-1	11630	11539	11464	11544	0.72	cps
Dysprosium	156-2	5968	6071	6315	6118	2.91	cps
Erbium	164-1	16811	16661	16844	16772	0.58	cps
Erbium	164-2	9423	9303	9480	9402	0.96	cps
Gadolinium	160-1	9762	10254	9329	9782	4.73	cps
Gadolinium	160-2	5975	6258	5795	6009	3.89	cps
Holmium	165-1	13304125	13133993	13126557	13188225	0.76	cps
Holmium	165-2	7583753	7624439	7522136	7576776	0.68	cps
Indium	115-1	10261946	10140530	10196260	10199579	0.60	cps
Indium	115-2	2446302	2443431	2460561	2450098	0.37	cps
Iron	56-2	454900866	450907488	450940088	452249480	0.51	cps
Iron	57-2	11105489	11059464	11062501	11075818	0.23	cps
Lead	206-1	169502	168974	168140	168872	0.41	cps
Lead	207-1	136701	137960	135244	136635	0.99	cps
Lead	208-1	644212	644942	639895	643016	0.42	cps
Lithium	6-1	2952417	2940793	2962767	2951992	0.37	cps
Magnesium	24-2	14612566	14420236	14430595	14487799	0.75	cps
Manganese	55-2	61659427	60668682	61083472	61137194	0.81	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-03DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0S17S	Dilution Factor :	2
Date & Time Acquired ::	2018-04-19 18:40:31	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	300432	296498	295025	297318	0.94	cps
Molybdenum	95-1	94647	91442	92986	93025	1.72	cps
Molybdenum	96-1	140285	140612	139459	140119	0.42	cps
Molybdenum	97-1	56914	56245	56429	56530	0.61	cps
Molybdenum	98-1	145081	146176	145606	145621	0.38	cps
Neodymium	150-1	49269	48814	46947	48343	2.54	cps
Neodymium	150-2	21984	22535	21881	22134	1.59	cps
Nickel	60-2	115356	114805	113858	114673	0.66	cps
Phosphorus	31-2	10179	10121	10421	10240	1.55	cps
Potassium	39-2	96479	93327	96664	95490	1.96	cps
Rhodium	103-1	9651916	9477331	9507198	9545481	0.98	cps
Rhodium	103-2	4906371	4901543	4892797	4900237	0.14	cps
Scandium	45-1	7118231	7029028	7009803	7052354	0.82	cps
Scandium	45-2	387291	384248	387064	386201	0.44	cps
Selenium	77-2	143	163	130	146	11.53	cps
Selenium	78-2	454	409	474	446	7.44	cps
Selenium	82-1	2017	1959	1954	1977	1.78	cps
Silicon	28-1	15774305	15559929	15343019	15559084	1.39	cps
Silver	109-1	53686	54941	53209	53945	1.66	cps
Silver	107-1	56472	57534	56547	56851	1.04	cps
Sodium	23-2	119691	117726	119195	118871	0.86	cps
Strontium	86-1	1110678	1102972	1098855	1104168	0.54	cps
Strontium	88-1	9976485	9936718	9955219	9956141	0.20	cps
Sulfur	34-1	588886	582746	580852	584162	0.72	cps
Terbium	159-1	13672811	13505281	13323576	13500556	1.29	cps
Terbium	159-2	7615526	7537283	7586938	7579916	0.52	cps
Thallium	203-1	36275	35565	35808	35883	1.01	cps
Thallium	205-1	85475	85441	84805	85240	0.44	cps
Tin	118-1	60456	59409	60063	59976	0.88	cps
Titanium	47-1	1690460	1687554	1681051	1686355	0.29	cps
Uranium	238-1	20860	22412	20350	21207	5.06	cps
Vanadium	51-2	1458675	1445808	1454672	1453052	0.45	cps
Yttrium	89-1	11333859	11237790	11235130	11268926	0.50	cps
Yttrium	89-2	1975730	1990837	1968732	1978433	0.57	cps
Zinc	66-2	377348	384111	381313	380924	0.89	cps
Zirconium	90-1	673707	675553	672477	673912	0.23	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-03DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0S17S	Dilution Factor :	2
Date & Time Acquired ::	2018-04-19 18:40:31	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	150966	151773	150812	151184	0.34	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01DL2X20	Instrumnet Name :	P7
Client Sample ID :	MH0S17	Dilution Factor :	20
Date & Time Acquired ::	2018-04-19 18:44:05	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	275790	275486	272245	274507	0.72	cps
Antimony	121-1	1417	1642	1842	1634	13.02	cps
Arsenic	75-2	180	148	167	165	9.60	cps
Barium	135-1	146744	146868	144258	145957	1.01	cps
Barium	137-1	257064	251122	255556	254580	1.21	cps
Beryllium	9-1	256	250	261	256	2.17	cps
Bismuth	209-1	8333411	8326057	8317743	8325737	0.09	cps
Bismuth	209-2	5169826	5194403	5119393	5161208	0.74	cps
Boron	10-1	4626	4759	4593	4659	1.89	cps
Boron	11-1	22384	22025	21641	22017	1.69	cps
Cadmium	111-1	2748	2775	2836	2786	1.62	cps
Cadmium	106-1	3842	3876	3992	3903	2.02	cps
Cadmium	108-1	113	108	167	129	25.19	cps
Calcium	43-1	723654	718709	726375	722912	0.54	cps
Calcium	44-1	11932820	12020949	12052327	12002032	0.52	cps
Chromium	52-2	1774214	1784340	1781894	1780149	0.30	cps
Cobalt	59-2	2604	2887	2577	2689	6.39	cps
Copper	63-2	73212	72911	74009	73377	0.77	cps
Dysprosium	156-1	1125	1417	1183	1242	12.43	cps
Dysprosium	156-2	687	660	600	649	6.84	cps
Erbium	164-1	1875	2142	1817	1945	8.91	cps
Erbium	164-2	990	987	1007	994	1.08	cps
Gadolinium	160-1	1208	1150	1033	1131	7.88	cps
Gadolinium	160-2	797	770	753	773	2.83	cps
Holmium	165-1	13304546	13328414	13372504	13335155	0.26	cps
Holmium	165-2	7568563	7641673	7564762	7591666	0.57	cps
Indium	115-1	10278545	10313881	10359638	10317355	0.39	cps
Indium	115-2	2473308	2506206	2486953	2488822	0.66	cps
Iron	56-2	49220298	49578998	49243129	49347475	0.41	cps
Iron	57-2	1164171	1186192	1170805	1173723	0.96	cps
Lead	206-1	17818	17918	17751	17829	0.47	cps
Lead	207-1	13846	14425	14581	14284	2.71	cps
Lead	208-1	67230	67306	67385	67307	0.12	cps
Lithium	6-1	2938901	2950605	2953663	2947723	0.26	cps
Magnesium	24-2	1570419	1557671	1558144	1562078	0.46	cps
Manganese	55-2	6629401	6683439	6682428	6665089	0.46	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01DL2X20	Instrumnet Name :	P7
Client Sample ID :	MH0S17	Dilution Factor :	20
Date & Time Acquired ::	2018-04-19 18:44:05	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	34059	34501	35370	34643	1.93	cps
Molybdenum	95-1	13816	13974	13699	13829	1.00	cps
Molybdenum	96-1	19514	19456	18813	19261	2.02	cps
Molybdenum	97-1	8928	8445	8578	8650	2.89	cps
Molybdenum	98-1	21776	22168	22001	21982	0.90	cps
Neodymium	150-1	5215	5041	5288	5181	2.45	cps
Neodymium	150-2	2570	2537	2400	2502	3.60	cps
Nickel	60-2	6618	6602	6618	6613	0.15	cps
Phosphorus	31-2	1342	1634	1342	1439	11.70	cps
Potassium	39-2	58784	59512	60658	59651	1.58	cps
Rhodium	103-1	9936429	9881713	9992043	9936728	0.56	cps
Rhodium	103-2	5016519	5082614	5047303	5048812	0.66	cps
Scandium	45-1	7083800	7050483	7112983	7082422	0.44	cps
Scandium	45-2	387322	384228	383931	385160	0.49	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	98	85	76	86	12.91	cps
Selenium	82-1	99	-15	102	62	107.85	cps
Silicon	28-1	2480252	2468029	2505585	2484622	0.77	cps
Silver	109-1	1742	1734	1792	1756	1.80	cps
Silver	107-1	2050	1759	1867	1892	7.79	cps
Sodium	23-2	31843	31793	32720	32119	1.62	cps
Strontium	86-1	120915	119007	119326	119749	0.85	cps
Strontium	88-1	1059857	1055091	1054567	1056505	0.28	cps
Sulfur	34-1	534528	537170	534599	535432	0.28	cps
Terbium	159-1	13682678	13592354	13709876	13661636	0.45	cps
Terbium	159-2	7579108	7569938	7586446	7578498	0.11	cps
Thallium	203-1	283	317	217	272	18.70	cps
Thallium	205-1	808	608	625	681	16.31	cps
Tin	118-1	12890	14183	13190	13421	5.04	cps
Titanium	47-1	185492	181640	184078	183737	1.06	cps
Uranium	238-1	2692	2475	2250	2473	8.93	cps
Vanadium	51-2	143601	144088	145035	144242	0.51	cps
Yttrium	89-1	11138121	11210096	11209372	11185863	0.37	cps
Yttrium	89-2	1971344	1973594	1974255	1973064	0.08	cps
Zinc	66-2	41536	41807	41823	41722	0.39	cps
Zirconium	90-1	74964	75466	75081	75170	0.35	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01DL2X20	Instrumnet Name :	P7
Client Sample ID :	MH0S17	Dilution Factor :	20
Date & Time Acquired ::	2018-04-19 18:44:05	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	17653	15868	16443	16655	5.47	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-02DL2X20	Instrumnet Name :	P7
Client Sample ID :	MH0S17D	Dilution Factor :	20
Date & Time Acquired ::	2018-04-19 18:47:38	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	263693	262608	262264	262855	0.28	cps
Antimony	121-1	892	933	983	936	4.90	cps
Arsenic	75-2	181	163	117	154	21.72	cps
Barium	135-1	137937	138535	136834	137769	0.63	cps
Barium	137-1	235254	240092	239247	238198	1.08	cps
Beryllium	9-1	250	244	217	237	7.54	cps
Bismuth	209-1	8297538	8278338	8209543	8261806	0.56	cps
Bismuth	209-2	5137908	5203560	5175849	5172439	0.64	cps
Boron	10-1	3976	4259	4092	4109	3.47	cps
Boron	11-1	19413	20164	19680	19752	1.93	cps
Cadmium	111-1	2729	2783	2807	2773	1.44	cps
Cadmium	106-1	3792	3917	3917	3876	1.86	cps
Cadmium	108-1	67	108	104	93	24.66	cps
Calcium	43-1	684701	690047	695752	690166	0.80	cps
Calcium	44-1	11407589	11410440	11454632	11424220	0.23	cps
Chromium	52-2	1687716	1699031	1690383	1692377	0.35	cps
Cobalt	59-2	2020	1903	1697	1873	8.74	cps
Copper	63-2	71503	73584	71031	72039	1.89	cps
Dysprosium	156-1	1242	1408	1217	1289	8.08	cps
Dysprosium	156-2	627	653	563	614	7.52	cps
Erbium	164-1	1984	1575	1850	1803	11.55	cps
Erbium	164-2	990	993	1047	1010	3.15	cps
Gadolinium	160-1	942	1217	992	1050	13.95	cps
Gadolinium	160-2	663	737	793	731	8.92	cps
Holmium	165-1	13274251	13293343	13283514	13283703	0.07	cps
Holmium	165-2	7574135	7675739	7530258	7593378	0.98	cps
Indium	115-1	10303528	10239988	10304583	10282699	0.36	cps
Indium	115-2	2493650	2513373	2480131	2495718	0.67	cps
Iron	56-2	47803000	48228180	47488823	47840001	0.78	cps
Iron	57-2	1143636	1147543	1132756	1141312	0.67	cps
Lead	206-1	19793	19370	19899	19687	1.42	cps
Lead	207-1	15921	15715	16044	15893	1.04	cps
Lead	208-1	75130	75208	76321	75553	0.88	cps
Lithium	6-1	2952111	2920189	2933278	2935193	0.55	cps
Magnesium	24-2	1500181	1512153	1496807	1503047	0.54	cps
Manganese	55-2	6432028	6492455	6377975	6434153	0.89	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-02DL2X20	Instrumnet Name :	P7
Client Sample ID :	MH0S17D	Dilution Factor :	20
Date & Time Acquired ::	2018-04-19 18:47:38	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	29891	31210	30951	30684	2.28	cps
Molybdenum	95-1	9428	9587	10588	9868	6.37	cps
Molybdenum	96-1	15459	14850	14641	14983	2.84	cps
Molybdenum	97-1	6018	5885	6343	6082	3.88	cps
Molybdenum	98-1	15617	15617	15517	15584	0.37	cps
Neodymium	150-1	5288	4981	4688	4986	6.02	cps
Neodymium	150-2	2284	2384	2157	2275	4.99	cps
Nickel	60-2	5991	6161	5534	5896	5.50	cps
Phosphorus	31-2	1417	1250	1559	1408	10.96	cps
Potassium	39-2	60248	59829	60031	60036	0.35	cps
Rhodium	103-1	9801313	9824777	9830858	9818982	0.16	cps
Rhodium	103-2	5022390	5078347	5026395	5042377	0.62	cps
Scandium	45-1	7067505	7038001	7037148	7047551	0.25	cps
Scandium	45-2	387420	389685	384412	387172	0.68	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	81	122	111	105	20.07	cps
Selenium	82-1	13	-74	10	-17	-297.98	cps
Silicon	28-1	2414888	2430141	2433125	2426052	0.40	cps
Silver	109-1	1183	1492	1325	1333	11.58	cps
Silver	107-1	1167	1267	1458	1297	11.43	cps
Sodium	23-2	30841	30557	29931	30443	1.53	cps
Strontium	86-1	114026	115218	114025	114423	0.60	cps
Strontium	88-1	1013770	1002935	1002342	1006349	0.64	cps
Sulfur	34-1	545549	537530	546305	543128	0.90	cps
Terbium	159-1	13550284	13506773	13435221	13497426	0.43	cps
Terbium	159-2	7536565	7586909	7540673	7554716	0.37	cps
Thallium	203-1	283	125	167	192	42.82	cps
Thallium	205-1	383	425	400	403	5.21	cps
Tin	118-1	6769	6610	7344	6908	5.59	cps
Titanium	47-1	175979	174411	172590	174327	0.97	cps
Uranium	238-1	2267	2442	2409	2373	3.92	cps
Vanadium	51-2	136205	138398	136838	137147	0.82	cps
Yttrium	89-1	11261877	11159377	11037407	11152887	1.01	cps
Yttrium	89-2	1957563	1978074	1960390	1965342	0.57	cps
Zinc	66-2	38147	38651	38016	38271	0.88	cps
Zirconium	90-1	68757	70415	69193	69455	1.24	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-02DL2X20	Instrumnet Name :	P7
Client Sample ID :	MH0S17D	Dilution Factor :	20
Date & Time Acquired ::	2018-04-19 18:47:38	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	14791	15526	14792	15036	2.82	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01LDL2X100	Instrumnet Name :	P7
Client Sample ID :	MH0S17L	Dilution Factor :	100
Date & Time Acquired ::	2018-04-19 18:51:11	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	56182	57821	58122	57375	1.82	cps
Antimony	121-1	475	483	525	494	5.42	cps
Arsenic	75-2	19	48	44	37	43.59	cps
Barium	135-1	28948	29424	28205	28859	2.13	cps
Barium	137-1	50660	49890	49322	49958	1.34	cps
Beryllium	9-1	133	150	72	119	34.55	cps
Bismuth	209-1	8151566	8311635	8264067	8242423	1.00	cps
Bismuth	209-2	5165315	5168900	5223822	5186012	0.63	cps
Boron	10-1	1550	1492	1350	1464	7.03	cps
Boron	11-1	6602	6477	7177	6752	5.53	cps
Cadmium	111-1	2367	2509	2423	2433	2.93	cps
Cadmium	106-1	3376	3592	3459	3476	3.15	cps
Cadmium	108-1	29	50	33	38	29.40	cps
Calcium	43-1	143339	146520	143826	144562	1.19	cps
Calcium	44-1	2351515	2360998	2325969	2346161	0.77	cps
Chromium	52-2	360927	360541	367198	362889	1.03	cps
Cobalt	59-2	600	647	493	580	13.55	cps
Copper	63-2	15649	15408	16102	15720	2.24	cps
Dysprosium	156-1	258	283	275	272	4.68	cps
Dysprosium	156-2	147	97	150	131	22.79	cps
Erbium	164-1	417	483	417	439	8.77	cps
Erbium	164-2	240	220	237	232	4.61	cps
Gadolinium	160-1	275	317	308	300	7.35	cps
Gadolinium	160-2	270	303	290	288	5.83	cps
Holmium	165-1	13175800	13162376	13109887	13149354	0.26	cps
Holmium	165-2	7605613	7578602	7670934	7618383	0.62	cps
Indium	115-1	10262155	10287176	10257133	10268821	0.16	cps
Indium	115-2	2518000	2520573	2545323	2527965	0.60	cps
Iron	56-2	10126383	10077956	10210227	10138189	0.66	cps
Iron	57-2	237476	239050	243540	240022	1.31	cps
Lead	206-1	3684	3973	4079	3912	5.22	cps
Lead	207-1	3362	3039	3045	3149	5.86	cps
Lead	208-1	15171	15015	15004	15063	0.62	cps
Lithium	6-1	2923381	2913927	2933120	2923476	0.33	cps
Magnesium	24-2	324904	319284	328952	324380	1.50	cps
Manganese	55-2	1352264	1342038	1365976	1353426	0.89	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01LDL2X100	Instrumnet Name :	P7
Client Sample ID :	MH0S17L	Dilution Factor :	100
Date & Time Acquired ::	2018-04-19 18:51:11	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7444	7661	6760	7288	6.45	cps
Molybdenum	95-1	3142	2967	3075	3062	2.89	cps
Molybdenum	96-1	4543	4142	4092	4259	5.79	cps
Molybdenum	97-1	1809	1817	1825	1817	0.46	cps
Molybdenum	98-1	4376	4676	4726	4593	4.12	cps
Neodymium	150-1	1107	1047	1027	1060	3.93	cps
Neodymium	150-2	500	560	500	520	6.66	cps
Nickel	60-2	1413	1377	1427	1406	1.84	cps
Phosphorus	31-2	417	500	475	464	9.22	cps
Potassium	39-2	58751	58550	58859	58720	0.27	cps
Rhodium	103-1	9719084	9867302	9861753	9816046	0.86	cps
Rhodium	103-2	5046351	5071951	5177541	5098614	1.36	cps
Scandium	45-1	6973331	7053300	6944576	6990402	0.81	cps
Scandium	45-2	395608	394451	401681	397247	0.98	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	124	98	109	110	11.77	cps
Selenium	82-1	14	38	7	20	83.72	cps
Silicon	28-1	816405	812013	822377	816932	0.64	cps
Silver	109-1	367	583	550	500	23.33	cps
Silver	107-1	475	583	717	592	20.46	cps
Sodium	23-2	23152	21574	23002	22576	3.86	cps
Strontium	86-1	24580	24906	23779	24422	2.37	cps
Strontium	88-1	208429	208808	210186	209141	0.44	cps
Sulfur	34-1	543793	545914	543075	544261	0.27	cps
Terbium	159-1	13375600	13499069	13425672	13433447	0.46	cps
Terbium	159-2	7530254	7541346	7624417	7565339	0.68	cps
Thallium	203-1	242	325	333	300	16.90	cps
Thallium	205-1	700	475	550	575	19.92	cps
Tin	118-1	3126	3634	3551	3437	7.93	cps
Titanium	47-1	37833	36888	37281	37334	1.27	cps
Uranium	238-1	483	400	475	453	10.14	cps
Vanadium	51-2	29112	29540	30254	29635	1.95	cps
Yttrium	89-1	11042672	11057609	10939368	11013216	0.58	cps
Yttrium	89-2	1976707	1972062	2012983	1987251	1.13	cps
Zinc	66-2	8726	8749	8743	8739	0.14	cps
Zirconium	90-1	14792	15384	15559	15245	2.64	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01LDL2X100	Instrumnet Name :	P7
Client Sample ID :	MH0S17L	Dilution Factor :	100
Date & Time Acquired ::	2018-04-19 18:51:11	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3401	3742	3367	3503	5.93	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-03DL2X20	Instrumnet Name :	P7
Client Sample ID :	MH0S17S	Dilution Factor :	20
Date & Time Acquired ::	2018-04-19 18:54:44	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	273356	273825	270743	272641	0.61	cps
Antimony	121-1	8878	9020	9020	8973	0.91	cps
Arsenic	75-2	328	339	287	318	8.59	cps
Barium	135-1	176870	176972	178415	177419	0.49	cps
Barium	137-1	305157	306673	302967	304932	0.61	cps
Beryllium	9-1	1183	1306	1211	1233	5.20	cps
Bismuth	209-1	8353376	8318363	8258858	8310199	0.58	cps
Bismuth	209-2	5163823	5164871	5157128	5161940	0.08	cps
Boron	10-1	3909	3501	4201	3870	9.09	cps
Boron	11-1	18086	18796	17870	18251	2.65	cps
Cadmium	111-1	3682	3880	3459	3674	5.73	cps
Cadmium	106-1	3917	4142	3584	3881	7.24	cps
Cadmium	108-1	229	213	196	213	7.84	cps
Calcium	43-1	693337	697290	690811	693813	0.47	cps
Calcium	44-1	11589330	11626365	11500166	11571954	0.56	cps
Chromium	52-2	1720612	1708708	1708852	1712724	0.40	cps
Cobalt	59-2	25970	26357	25920	26082	0.92	cps
Copper	63-2	81170	80812	80299	80760	0.54	cps
Dysprosium	156-1	1300	1267	1233	1267	2.63	cps
Dysprosium	156-2	620	610	677	636	5.66	cps
Erbium	164-1	1717	1734	1675	1709	1.76	cps
Erbium	164-2	887	993	1060	980	8.92	cps
Gadolinium	160-1	1242	925	1158	1108	14.81	cps
Gadolinium	160-2	717	773	677	722	6.73	cps
Holmium	165-1	13274625	13369541	13211742	13285303	0.60	cps
Holmium	165-2	7654013	7605845	7614583	7624814	0.34	cps
Indium	115-1	10301320	10359490	10212005	10290938	0.72	cps
Indium	115-2	2519097	2502578	2504969	2508881	0.36	cps
Iron	56-2	48225841	48190979	47761346	48059389	0.54	cps
Iron	57-2	1146943	1148359	1139117	1144806	0.43	cps
Lead	206-1	19159	19342	19220	19240	0.49	cps
Lead	207-1	15721	16561	15943	16075	2.71	cps
Lead	208-1	74590	76361	74500	75150	1.40	cps
Lithium	6-1	2982808	2991209	2978693	2984237	0.21	cps
Magnesium	24-2	1542979	1547697	1526476	1539051	0.72	cps
Manganese	55-2	6543006	6515328	6421514	6493283	0.98	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-03DL2X20	Instrumnet Name :	P7
Client Sample ID :	MH0S17S	Dilution Factor :	20
Date & Time Acquired ::	2018-04-19 18:54:44	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	31235	31678	30283	31065	2.29	cps
Molybdenum	95-1	9620	9746	9562	9643	0.97	cps
Molybdenum	96-1	13957	15092	14658	14569	3.93	cps
Molybdenum	97-1	5818	6160	5868	5949	3.10	cps
Molybdenum	98-1	14858	14566	15918	15114	4.71	cps
Neodymium	150-1	4761	5168	4934	4954	4.12	cps
Neodymium	150-2	2437	2307	2274	2339	3.69	cps
Nickel	60-2	12619	12522	12509	12550	0.48	cps
Phosphorus	31-2	1108	1342	1425	1292	12.71	cps
Potassium	39-2	59085	60433	60189	59902	1.20	cps
Rhodium	103-1	9786236	9879376	9827052	9830888	0.47	cps
Rhodium	103-2	5095613	5104821	5076981	5092472	0.28	cps
Scandium	45-1	7127853	7165380	7113517	7135584	0.38	cps
Scandium	45-2	391940	394543	391048	392510	0.46	cps
Selenium	77-2	10	17	10	12	31.50	cps
Selenium	78-2	148	146	124	140	9.60	cps
Selenium	82-1	110	190	204	168	30.16	cps
Silicon	28-1	2499873	2440560	2435541	2458658	1.46	cps
Silver	109-1	6210	6343	5710	6088	5.49	cps
Silver	107-1	6335	6285	6193	6271	1.15	cps
Sodium	23-2	30682	31359	30189	30744	1.91	cps
Strontium	86-1	113597	115857	117125	115526	1.55	cps
Strontium	88-1	997434	1014391	1006290	1006038	0.84	cps
Sulfur	34-1	550614	547213	543569	547132	0.64	cps
Terbium	159-1	13546396	13619148	13583015	13582853	0.27	cps
Terbium	159-2	7586520	7605892	7580474	7590962	0.17	cps
Thallium	203-1	3976	3584	3892	3817	5.41	cps
Thallium	205-1	9262	9412	9187	9287	1.23	cps
Tin	118-1	6785	7010	6135	6644	6.84	cps
Titanium	47-1	172666	177058	174363	174696	1.27	cps
Uranium	238-1	2267	2192	2500	2320	6.93	cps
Vanadium	51-2	152219	153146	152139	152501	0.37	cps
Yttrium	89-1	11227619	11209787	11148508	11195304	0.37	cps
Yttrium	89-2	1972729	1996442	1979967	1983046	0.61	cps
Zinc	66-2	42669	41954	41573	42065	1.32	cps
Zirconium	90-1	70867	70256	69511	70211	0.97	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-03DL2X20	Instrumnet Name :	P7
Client Sample ID :	MH0S17S	Dilution Factor :	20
Date & Time Acquired ::	2018-04-19 18:54:44	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	15542	15125	15334	15334	1.36	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01DL4X200	Instrumnet Name :	P7
Client Sample ID :	MH0S17	Dilution Factor :	200
Date & Time Acquired ::	2018-04-19 18:58:17	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	29279	27334	28795	28470	3.56	cps
Antimony	121-1	342	358	392	364	7.00	cps
Arsenic	75-2	11	7	31	17	77.77	cps
Barium	135-1	14425	14466	14124	14339	1.30	cps
Barium	137-1	25240	25274	25867	25460	1.38	cps
Beryllium	9-1	122	94	50	89	40.99	cps
Bismuth	209-1	8324573	8340961	8191635	8285723	0.99	cps
Bismuth	209-2	5164039	5178620	5227945	5190201	0.65	cps
Boron	10-1	983	933	942	953	2.81	cps
Boron	11-1	3876	4376	4359	4204	6.76	cps
Cadmium	111-1	2549	2593	2563	2568	0.86	cps
Cadmium	106-1	3659	3701	3651	3670	0.73	cps
Cadmium	108-1	29	21	13	21	40.01	cps
Calcium	43-1	72571	72553	70920	72015	1.32	cps
Calcium	44-1	1210176	1194617	1171777	1192190	1.62	cps
Chromium	52-2	183644	185458	182636	183913	0.78	cps
Cobalt	59-2	330	410	320	353	13.96	cps
Copper	63-2	8112	8616	8292	8340	3.06	cps
Dysprosium	156-1	125	133	183	147	21.43	cps
Dysprosium	156-2	43	87	70	67	32.79	cps
Erbium	164-1	242	258	225	242	6.90	cps
Erbium	164-2	123	93	173	130	31.09	cps
Gadolinium	160-1	242	208	133	194	28.54	cps
Gadolinium	160-2	207	177	200	194	8.10	cps
Holmium	165-1	13206372	13106654	13131391	13148139	0.39	cps
Holmium	165-2	7596111	7570487	7636657	7601085	0.44	cps
Indium	115-1	10352962	10286458	10303580	10314334	0.33	cps
Indium	115-2	2510845	2534362	2521856	2522354	0.47	cps
Iron	56-2	4942601	4965866	4980944	4963137	0.39	cps
Iron	57-2	120031	121666	120613	120770	0.69	cps
Lead	206-1	2289	2022	2272	2195	6.81	cps
Lead	207-1	1995	1867	1784	1882	5.65	cps
Lead	208-1	8774	8151	8524	8483	3.69	cps
Lithium	6-1	2969190	2912490	2927994	2936558	1.00	cps
Magnesium	24-2	163465	163744	166506	164572	1.02	cps
Manganese	55-2	676169	677105	675489	676254	0.12	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01DL4X200	Instrumnet Name :	P7
Client Sample ID :	MH0S17	Dilution Factor :	200
Date & Time Acquired ::	2018-04-19 18:58:17	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3384	3601	3384	3456	3.62	cps
Molybdenum	95-1	1133	1125	1133	1131	0.43	cps
Molybdenum	96-1	1634	1633	1608	1625	0.89	cps
Molybdenum	97-1	642	708	767	706	8.86	cps
Molybdenum	98-1	1475	1709	1667	1617	7.70	cps
Neodymium	150-1	520	460	467	482	6.82	cps
Neodymium	150-2	230	203	277	237	15.68	cps
Nickel	60-2	773	720	707	733	4.81	cps
Phosphorus	31-2	425	358	458	414	12.30	cps
Potassium	39-2	57471	57153	59160	57928	1.86	cps
Rhodium	103-1	9884717	9889398	9851104	9875073	0.21	cps
Rhodium	103-2	5119908	5151158	5179144	5150070	0.58	cps
Scandium	45-1	7148756	7063139	6942796	7051564	1.47	cps
Scandium	45-2	395686	397033	398463	397061	0.35	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	102	94	106	101	5.62	cps
Selenium	82-1	-117	53	-112	-59	-164.65	cps
Silicon	28-1	613024	606794	601026	606948	0.99	cps
Silver	109-1	283	325	275	294	9.10	cps
Silver	107-1	375	325	350	350	7.14	cps
Sodium	23-2	20506	21324	20615	20815	2.13	cps
Strontium	86-1	12656	12448	11964	12356	2.87	cps
Strontium	88-1	106493	106914	103388	105598	1.82	cps
Sulfur	34-1	557099	553771	553405	554759	0.37	cps
Terbium	159-1	13530170	13425527	13400770	13452155	0.51	cps
Terbium	159-2	7601520	7575237	7589703	7588820	0.17	cps
Thallium	203-1	258	208	192	219	15.81	cps
Thallium	205-1	783	700	775	753	6.10	cps
Tin	118-1	1108	1250	1275	1211	7.42	cps
Titanium	47-1	18396	18295	18930	18540	1.84	cps
Uranium	238-1	333	192	142	222	44.74	cps
Vanadium	51-2	14938	14454	15031	14808	2.09	cps
Yttrium	89-1	11172822	11114436	11078617	11121958	0.43	cps
Yttrium	89-2	1989889	2000037	2002389	1997438	0.33	cps
Zinc	66-2	4361	4427	4621	4470	3.02	cps
Zirconium	90-1	8353	7903	8002	8086	2.92	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01DL4X200	Instrumnet Name :	P7
Client Sample ID :	MH0S17	Dilution Factor :	200
Date & Time Acquired ::	2018-04-19 18:58:17	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1684	1809	1842	1778	4.70	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-02DL4X200	Instrumnet Name :	P7
Client Sample ID :	MH0S17D	Dilution Factor :	200
Date & Time Acquired ::	2018-04-19 19:01:50	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	27927	27911	26608	27482	2.75	cps
Antimony	121-1	250	317	325	297	13.83	cps
Arsenic	75-2	22	15	30	22	33.35	cps
Barium	135-1	14216	13340	13565	13707	3.32	cps
Barium	137-1	24105	23554	23563	23741	1.33	cps
Beryllium	9-1	83	139	89	104	29.50	cps
Bismuth	209-1	8136559	8242938	8288893	8222797	0.95	cps
Bismuth	209-2	5199288	5228061	5206523	5211291	0.29	cps
Boron	10-1	883	783	825	831	6.05	cps
Boron	11-1	3826	3509	3867	3734	5.25	cps
Cadmium	111-1	2642	2492	2581	2572	2.93	cps
Cadmium	106-1	3759	3526	3701	3662	3.32	cps
Cadmium	108-1	21	25	25	24	10.20	cps
Calcium	43-1	68819	69580	70711	69704	1.37	cps
Calcium	44-1	1133796	1134621	1129889	1132769	0.22	cps
Chromium	52-2	171983	173862	176037	173961	1.17	cps
Cobalt	59-2	280	247	297	274	9.28	cps
Copper	63-2	7966	8456	8249	8224	2.99	cps
Dysprosium	156-1	117	117	117	117	0.00	cps
Dysprosium	156-2	53	57	73	61	17.53	cps
Erbium	164-1	183	183	167	178	5.41	cps
Erbium	164-2	120	123	120	121	1.59	cps
Gadolinium	160-1	217	175	108	167	32.79	cps
Gadolinium	160-2	250	220	190	220	13.64	cps
Holmium	165-1	13181897	13068409	13089476	13113261	0.46	cps
Holmium	165-2	7682609	7727608	7610533	7673583	0.77	cps
Indium	115-1	10334328	10332078	10417388	10361265	0.47	cps
Indium	115-2	2562657	2582071	2587660	2577463	0.51	cps
Iron	56-2	4820608	4831702	4856586	4836299	0.38	cps
Iron	57-2	117500	118895	118592	118329	0.62	cps
Lead	206-1	2206	2222	2500	2310	7.16	cps
Lead	207-1	1861	2250	1884	1998	10.93	cps
Lead	208-1	8868	9096	9335	9100	2.57	cps
Lithium	6-1	2964657	2937731	2930718	2944369	0.61	cps
Magnesium	24-2	156873	157486	155987	156782	0.48	cps
Manganese	55-2	655209	649894	658584	654563	0.67	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-02DL4X200	Instrumnet Name :	P7
Client Sample ID :	MH0S17D	Dilution Factor :	200
Date & Time Acquired ::	2018-04-19 19:01:50	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3409	3192	3134	3245	4.47	cps
Molybdenum	95-1	1050	1067	1050	1056	0.91	cps
Molybdenum	96-1	1609	1675	1617	1634	2.22	cps
Molybdenum	97-1	725	717	700	714	1.78	cps
Molybdenum	98-1	1859	1458	1575	1631	12.62	cps
Neodymium	150-1	453	467	593	504	15.32	cps
Neodymium	150-2	243	197	270	237	15.68	cps
Nickel	60-2	703	633	640	659	5.86	cps
Phosphorus	31-2	483	475	425	461	6.84	cps
Potassium	39-2	57278	59102	58274	58218	1.57	cps
Rhodium	103-1	9964917	9873841	9982257	9940338	0.59	cps
Rhodium	103-2	5169891	5198418	5264111	5210806	0.93	cps
Scandium	45-1	7153956	7103931	7185645	7147844	0.58	cps
Scandium	45-2	405835	408657	404846	406446	0.49	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	117	128	94	113	15.02	cps
Selenium	82-1	-32	26	61	18	253.52	cps
Silicon	28-1	598950	596264	597313	597509	0.23	cps
Silver	109-1	233	242	292	256	12.34	cps
Silver	107-1	300	283	433	339	24.26	cps
Sodium	23-2	21099	21099	19572	20590	4.28	cps
Strontium	86-1	12264	12456	12089	12270	1.50	cps
Strontium	88-1	98983	100132	98714	99276	0.76	cps
Sulfur	34-1	561896	557176	560338	559803	0.43	cps
Terbium	159-1	13461803	13491844	13499733	13484460	0.15	cps
Terbium	159-2	7643526	7634051	7693587	7657054	0.42	cps
Thallium	203-1	267	283	250	267	6.25	cps
Thallium	205-1	633	683	775	697	10.30	cps
Tin	118-1	1067	1083	1242	1131	8.54	cps
Titanium	47-1	18128	18012	18037	18059	0.34	cps
Uranium	238-1	225	242	242	236	4.08	cps
Vanadium	51-2	14374	14337	14437	14383	0.35	cps
Yttrium	89-1	11072072	11114567	11188277	11124972	0.53	cps
Yttrium	89-2	2030552	2027474	2036224	2031416	0.22	cps
Zinc	66-2	4191	3934	4064	4063	3.16	cps
Zirconium	90-1	7235	8111	7194	7513	6.89	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-02DL4X200	Instrumnet Name :	P7
Client Sample ID :	MH0S17D	Dilution Factor :	200
Date & Time Acquired ::	2018-04-19 19:01:50	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1534	1750	1492	1592	8.71	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01LDL4X1000	Instrumnet Name :	P7
Client Sample ID :	MH0S17L	Dilution Factor :	1000
Date & Time Acquired ::	2018-04-19 19:05:24	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5735	6143	6118	5999	3.82	cps
Antimony	121-1	217	225	350	264	28.30	cps
Arsenic	75-2	7	6	9	7	24.97	cps
Barium	135-1	2850	2850	2867	2856	0.34	cps
Barium	137-1	4676	4859	5001	4846	3.36	cps
Beryllium	9-1	89	94	72	85	13.58	cps
Bismuth	209-1	8206859	8231564	8242997	8227140	0.22	cps
Bismuth	209-2	5149039	5250612	5235292	5211648	1.05	cps
Boron	10-1	525	433	400	453	14.30	cps
Boron	11-1	2242	2175	2292	2236	2.62	cps
Cadmium	111-1	2460	2654	2400	2505	5.30	cps
Cadmium	106-1	3492	3792	3426	3570	5.47	cps
Cadmium	108-1	8	13	8	10	24.77	cps
Calcium	43-1	14708	14341	14349	14466	1.45	cps
Calcium	44-1	244685	245287	249587	246520	1.08	cps
Chromium	52-2	37588	37104	37063	37252	0.78	cps
Cobalt	59-2	137	163	97	132	25.38	cps
Copper	63-2	2194	2234	2300	2242	2.40	cps
Dysprosium	156-1	67	50	75	64	19.92	cps
Dysprosium	156-2	10	7	20	12	56.76	cps
Erbium	164-1	67	83	58	69	18.33	cps
Erbium	164-2	33	33	37	34	5.60	cps
Gadolinium	160-1	167	158	142	156	8.18	cps
Gadolinium	160-2	160	200	153	171	14.75	cps
Holmium	165-1	13099058	13288956	13013345	13133786	1.07	cps
Holmium	165-2	7659611	7684556	7692841	7679003	0.23	cps
Indium	115-1	10275106	10381552	10408390	10355016	0.68	cps
Indium	115-2	2551005	2572787	2572418	2565403	0.49	cps
Iron	56-2	989416	982824	985453	985898	0.34	cps
Iron	57-2	24443	24805	24916	24721	1.00	cps
Lead	206-1	945	806	700	817	15.01	cps
Lead	207-1	700	711	589	667	10.14	cps
Lead	208-1	3439	3228	2972	3213	7.27	cps
Lithium	6-1	2934695	2908138	2946415	2929749	0.67	cps
Magnesium	24-2	32486	32979	33038	32834	0.92	cps
Manganese	55-2	135399	135648	135258	135435	0.15	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01LDL4X1000	Instrumnet Name :	P7
Client Sample ID :	MH0S17L	Dilution Factor :	1000
Date & Time Acquired ::	2018-04-19 19:05:24	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	942	1008	750	900	14.90	cps
Molybdenum	95-1	242	242	258	247	3.89	cps
Molybdenum	96-1	425	500	492	472	8.70	cps
Molybdenum	97-1	200	333	167	233	37.80	cps
Molybdenum	98-1	450	367	625	481	27.44	cps
Neodymium	150-1	113	133	73	107	28.64	cps
Neodymium	150-2	27	77	37	47	56.69	cps
Nickel	60-2	190	190	170	183	6.30	cps
Phosphorus	31-2	350	433	242	342	28.13	cps
Potassium	39-2	58650	59529	58223	58801	1.13	cps
Rhodium	103-1	9925566	10017713	10019046	9987442	0.54	cps
Rhodium	103-2	5214748	5222264	5214898	5217303	0.08	cps
Scandium	45-1	7173877	7138972	7230387	7181079	0.64	cps
Scandium	45-2	406163	408447	410090	408233	0.48	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	113	102	122	112	9.08	cps
Selenium	82-1	48	30	0	26	93.17	cps
Silicon	28-1	443806	446922	440445	443725	0.73	cps
Silver	109-1	183	208	175	189	9.19	cps
Silver	107-1	242	200	292	244	18.78	cps
Sodium	23-2	20707	19013	19730	19817	4.29	cps
Strontium	86-1	3551	3109	3276	3312	6.74	cps
Strontium	88-1	21200	21008	20632	20947	1.38	cps
Sulfur	34-1	561002	565749	563166	563306	0.42	cps
Terbium	159-1	13412981	13560064	13505213	13492752	0.55	cps
Terbium	159-2	7662953	7584189	7647523	7631555	0.55	cps
Thallium	203-1	283	392	258	311	22.78	cps
Thallium	205-1	850	725	817	797	8.12	cps
Tin	118-1	683	658	650	664	2.61	cps
Titanium	47-1	3676	3242	3584	3501	6.53	cps
Uranium	238-1	75	83	100	86	14.78	cps
Vanadium	51-2	3214	2944	2924	3027	5.35	cps
Yttrium	89-1	11173871	11224272	11221149	11206431	0.25	cps
Yttrium	89-2	2033159	2039640	2027281	2033360	0.30	cps
Zinc	66-2	930	1007	960	966	4.00	cps
Zirconium	90-1	2292	2192	2150	2211	3.29	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01LDL4X1000	Instrumnet Name :	P7
Client Sample ID :	MH0S17L	Dilution Factor :	1000
Date & Time Acquired ::	2018-04-19 19:05:24	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	508	467	542	506	7.43	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-03DL4X200	Instrumnet Name :	P7
Client Sample ID :	MH0S17S	Dilution Factor :	200
Date & Time Acquired ::	2018-04-19 19:08:57	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	27660	28127	28812	28200	2.05	cps
Antimony	121-1	1100	1108	1042	1083	3.35	cps
Arsenic	75-2	50	31	30	37	30.41	cps
Barium	135-1	16444	17236	17545	17075	3.33	cps
Barium	137-1	30017	29942	29624	29861	0.70	cps
Beryllium	9-1	200	144	194	180	17.03	cps
Bismuth	209-1	8285381	8294529	8225391	8268433	0.45	cps
Bismuth	209-2	5226894	5249532	5261102	5245843	0.33	cps
Boron	10-1	692	617	692	667	6.50	cps
Boron	11-1	2825	3250	3000	3025	7.06	cps
Cadmium	111-1	2528	2704	2581	2604	3.48	cps
Cadmium	106-1	3542	3726	3534	3601	3.01	cps
Cadmium	108-1	21	29	38	29	28.58	cps
Calcium	43-1	68543	68492	69446	68827	0.78	cps
Calcium	44-1	1131633	1125118	1128547	1128433	0.29	cps
Chromium	52-2	176940	177355	177700	177332	0.21	cps
Cobalt	59-2	2830	2520	2600	2650	6.07	cps
Copper	63-2	8980	9013	9153	9048	1.02	cps
Dysprosium	156-1	175	100	150	142	26.96	cps
Dysprosium	156-2	77	73	77	76	2.55	cps
Erbium	164-1	200	142	200	181	18.65	cps
Erbium	164-2	117	137	137	130	8.88	cps
Gadolinium	160-1	175	200	200	192	7.53	cps
Gadolinium	160-2	173	257	250	227	20.43	cps
Holmium	165-1	13225077	13235534	13115370	13191994	0.50	cps
Holmium	165-2	7757453	7707702	7778266	7747807	0.47	cps
Indium	115-1	10388144	10290669	10335347	10338053	0.47	cps
Indium	115-2	2609911	2604630	2615013	2609851	0.20	cps
Iron	56-2	4823412	4876232	4898678	4866108	0.79	cps
Iron	57-2	118238	117673	118755	118222	0.46	cps
Lead	206-1	2000	2139	2117	2085	3.58	cps
Lead	207-1	1811	1945	1772	1843	4.90	cps
Lead	208-1	8268	8779	8368	8472	3.20	cps
Lithium	6-1	2920215	2919227	2919482	2919641	0.02	cps
Magnesium	24-2	159928	157436	156761	158042	1.06	cps
Manganese	55-2	654233	661667	662526	659475	0.69	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-03DL4X200	Instrumnet Name :	P7
Client Sample ID :	MH0S17S	Dilution Factor :	200
Date & Time Acquired ::	2018-04-19 19:08:57	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3059	3551	3034	3214	9.07	cps
Molybdenum	95-1	1175	850	917	981	17.51	cps
Molybdenum	96-1	1317	1559	1392	1422	8.70	cps
Molybdenum	97-1	667	842	692	733	12.91	cps
Molybdenum	98-1	1575	1467	1684	1575	6.88	cps
Neodymium	150-1	567	473	467	502	11.13	cps
Neodymium	150-2	187	160	220	189	15.92	cps
Nickel	60-2	1237	1290	1277	1268	2.19	cps
Phosphorus	31-2	417	450	500	456	9.21	cps
Potassium	39-2	59395	61102	60868	60455	1.53	cps
Rhodium	103-1	9944633	9992810	9969105	9968849	0.24	cps
Rhodium	103-2	5221836	5266597	5297331	5261921	0.72	cps
Scandium	45-1	7167768	7212147	7182929	7187615	0.31	cps
Scandium	45-2	418199	418755	414142	417032	0.60	cps
Selenium	77-2	0	10	3	4	114.60	cps
Selenium	78-2	117	122	148	129	13.02	cps
Selenium	82-1	36	-37	17	5	724.88	cps
Silicon	28-1	599673	602210	610812	604232	0.97	cps
Silver	109-1	625	692	758	692	9.64	cps
Silver	107-1	700	758	758	739	4.56	cps
Sodium	23-2	19839	20364	20481	20228	1.69	cps
Strontium	86-1	12181	12247	11655	12028	2.70	cps
Strontium	88-1	98411	99059	99931	99133	0.77	cps
Sulfur	34-1	569818	574861	565724	570134	0.80	cps
Terbium	159-1	13497944	13448234	13454758	13466979	0.20	cps
Terbium	159-2	7732228	7735228	7682292	7716583	0.39	cps
Thallium	203-1	550	700	617	622	12.08	cps
Thallium	205-1	1717	1508	1383	1536	10.96	cps
Tin	118-1	1100	1142	1058	1100	3.79	cps
Titanium	47-1	17711	17595	17378	17561	0.96	cps
Uranium	238-1	300	242	242	261	12.90	cps
Vanadium	51-2	15969	15402	15976	15782	2.09	cps
Yttrium	89-1	11229159	11320514	11165420	11238365	0.69	cps
Yttrium	89-2	2056350	2056212	2073446	2062003	0.48	cps
Zinc	66-2	4551	4337	4294	4394	3.13	cps
Zirconium	90-1	7728	7627	7386	7580	2.32	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-03DL4X200	Instrumnet Name :	P7
Client Sample ID :	MH0S17S	Dilution Factor :	200
Date & Time Acquired ::	2018-04-19 19:08:57	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1642	1467	1684	1597	7.20	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01DL3X100	Instrumnet Name :	P7
Client Sample ID :	MH0S17	Dilution Factor :	100
Date & Time Acquired ::	2018-04-19 19:13:08	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	59679	57110	57779	58189	2.29	cps
Antimony	121-1	350	559	383	431	26.01	cps
Arsenic	75-2	33	35	50	40	23.12	cps
Barium	135-1	28013	28438	28605	28352	1.08	cps
Barium	137-1	49288	48955	48720	48988	0.58	cps
Beryllium	9-1	100	161	83	115	35.67	cps
Bismuth	209-1	8145942	8199514	8371803	8239086	1.43	cps
Bismuth	209-2	5326625	5273453	5262766	5287615	0.65	cps
Boron	10-1	1000	1042	967	1003	3.75	cps
Boron	11-1	4251	4484	4643	4459	4.42	cps
Cadmium	111-1	2492	2808	2600	2633	6.12	cps
Cadmium	106-1	3559	4009	3726	3765	6.04	cps
Cadmium	108-1	29	21	42	31	34.33	cps
Calcium	43-1	140847	143431	149195	144491	2.96	cps
Calcium	44-1	2327110	2325462	2393601	2348724	1.66	cps
Chromium	52-2	371898	371764	366045	369902	0.90	cps
Cobalt	59-2	423	467	507	466	8.95	cps
Copper	63-2	15762	15946	15328	15679	2.02	cps
Dysprosium	156-1	258	275	233	256	8.20	cps
Dysprosium	156-2	190	143	113	149	25.95	cps
Erbium	164-1	292	417	325	344	18.79	cps
Erbium	164-2	277	270	197	248	17.92	cps
Gadolinium	160-1	267	233	358	286	22.62	cps
Gadolinium	160-2	297	347	273	306	12.26	cps
Holmium	165-1	13012988	13112189	13451824	13192334	1.74	cps
Holmium	165-2	7886145	7836463	7706979	7809862	1.18	cps
Indium	115-1	10276504	10240209	10520229	10345647	1.47	cps
Indium	115-2	2651339	2632168	2615487	2632998	0.68	cps
Iron	56-2	10307236	10254390	10119725	10227117	0.95	cps
Iron	57-2	244525	242002	243663	243397	0.53	cps
Lead	206-1	3562	3401	3184	3382	5.61	cps
Lead	207-1	2761	2795	3045	2867	5.40	cps
Lead	208-1	12786	13281	13242	13103	2.10	cps
Lithium	6-1	2893091	2871357	2945872	2903440	1.32	cps
Magnesium	24-2	336075	327601	328630	330769	1.40	cps
Manganese	55-2	1387029	1377378	1361360	1375256	0.94	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01DL3X100	Instrumnet Name :	P7
Client Sample ID :	MH0S17	Dilution Factor :	100
Date & Time Acquired ::	2018-04-19 19:13:08	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6127	6160	6185	6157	0.48	cps
Molybdenum	95-1	1842	2059	2000	1967	5.70	cps
Molybdenum	96-1	3034	3125	2884	3014	4.05	cps
Molybdenum	97-1	1217	1258	1492	1322	11.21	cps
Molybdenum	98-1	3050	3192	3084	3109	2.38	cps
Neodymium	150-1	967	893	1047	969	7.92	cps
Neodymium	150-2	520	463	527	503	6.91	cps
Nickel	60-2	1383	1333	1337	1351	2.07	cps
Phosphorus	31-2	600	642	533	592	9.24	cps
Potassium	39-2	60700	61437	61436	61191	0.69	cps
Rhodium	103-1	9918512	9995336	10151421	10021756	1.18	cps
Rhodium	103-2	5371979	5267151	5280605	5306578	1.07	cps
Scandium	45-1	7163032	7147308	7362544	7224295	1.66	cps
Scandium	45-2	427160	423527	418316	423001	1.05	cps
Selenium	77-2	0	7	7	4	86.60	cps
Selenium	78-2	102	111	100	104	5.71	cps
Selenium	82-1	52	107	-102	19	572.07	cps
Silicon	28-1	814958	813955	827107	818673	0.89	cps
Silver	109-1	342	425	417	394	11.63	cps
Silver	107-1	483	358	292	378	25.76	cps
Sodium	23-2	21399	21524	21633	21519	0.54	cps
Strontium	86-1	23787	24163	24831	24260	2.18	cps
Strontium	88-1	203390	201113	208350	204284	1.81	cps
Sulfur	34-1	571325	565214	567112	567884	0.55	cps
Terbium	159-1	13473084	13448748	13785376	13569070	1.38	cps
Terbium	159-2	7926467	7778335	7664076	7789626	1.69	cps
Thallium	203-1	283	258	317	286	10.23	cps
Thallium	205-1	700	683	733	706	3.61	cps
Tin	118-1	1725	1767	1800	1764	2.13	cps
Titanium	47-1	34984	36671	36463	36039	2.55	cps
Uranium	238-1	583	575	517	558	6.51	cps
Vanadium	51-2	29894	29747	29723	29788	0.31	cps
Yttrium	89-1	11188032	11121914	11525476	11278474	1.92	cps
Yttrium	89-2	2126044	2078729	2061210	2088661	1.61	cps
Zinc	66-2	8816	8923	8826	8855	0.67	cps
Zirconium	90-1	14333	14608	15225	14722	3.10	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01DL3X100	Instrumnet Name :	P7
Client Sample ID :	MH0S17	Dilution Factor :	100
Date & Time Acquired ::	2018-04-19 19:13:08	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3351	3409	3434	3398	1.26	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-02DL3X100	Instrumnet Name :	P7
Client Sample ID :	MH0S17D	Dilution Factor :	100
Date & Time Acquired ::	2018-04-19 19:16:42	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58666	58791	59302	58920	0.57	cps
Antimony	121-1	333	250	375	319	19.92	cps
Arsenic	75-2	37	41	43	40	7.04	cps
Barium	135-1	28705	27771	27311	27929	2.54	cps
Barium	137-1	49097	49916	49105	49372	0.95	cps
Beryllium	9-1	94	100	128	107	16.63	cps
Bismuth	209-1	8163576	8227111	8266826	8219171	0.63	cps
Bismuth	209-2	5207091	5189668	5223003	5206587	0.32	cps
Boron	10-1	833	900	908	881	4.67	cps
Boron	11-1	4576	4309	4651	4512	3.98	cps
Cadmium	111-1	2633	2541	2736	2637	3.70	cps
Cadmium	106-1	3726	3617	3892	3745	3.70	cps
Cadmium	108-1	13	17	25	18	35.25	cps
Calcium	43-1	144381	143829	144239	144150	0.20	cps
Calcium	44-1	2377281	2366743	2361315	2368446	0.34	cps
Chromium	52-2	363775	370130	364441	366115	0.95	cps
Cobalt	59-2	497	410	490	466	10.36	cps
Copper	63-2	15972	15946	15869	15929	0.34	cps
Dysprosium	156-1	283	200	225	236	18.11	cps
Dysprosium	156-2	140	120	147	136	10.24	cps
Erbium	164-1	508	383	342	411	21.10	cps
Erbium	164-2	213	200	207	207	3.22	cps
Gadolinium	160-1	283	233	350	289	20.26	cps
Gadolinium	160-2	260	287	333	293	12.65	cps
Holmium	165-1	13126866	13258237	13218765	13201290	0.51	cps
Holmium	165-2	7747283	7622269	7689172	7686241	0.81	cps
Indium	115-1	10438719	10414856	10487664	10447080	0.36	cps
Indium	115-2	2588821	2610518	2612499	2603946	0.50	cps
Iron	56-2	10221041	10339583	10306547	10289057	0.59	cps
Iron	57-2	242438	245618	243444	243833	0.67	cps
Lead	206-1	4156	4062	4223	4147	1.95	cps
Lead	207-1	3323	3312	3406	3347	1.54	cps
Lead	208-1	15576	15371	15910	15619	1.74	cps
Lithium	6-1	2893167	2877970	2908518	2893218	0.53	cps
Magnesium	24-2	328607	327522	329022	328384	0.24	cps
Manganese	55-2	1359476	1383050	1368401	1370309	0.87	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-02DL3X100	Instrumnet Name :	P7
Client Sample ID :	MH0S17D	Dilution Factor :	100
Date & Time Acquired ::	2018-04-19 19:16:42	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6877	6527	6427	6610	3.58	cps
Molybdenum	95-1	2109	2192	1892	2064	7.50	cps
Molybdenum	96-1	2967	2900	3242	3037	5.97	cps
Molybdenum	97-1	1400	1158	1292	1283	9.43	cps
Molybdenum	98-1	3384	3025	3159	3189	5.68	cps
Neodymium	150-1	840	993	913	916	8.38	cps
Neodymium	150-2	463	440	487	463	5.04	cps
Nickel	60-2	1310	1330	1327	1322	0.81	cps
Phosphorus	31-2	617	567	617	600	4.81	cps
Potassium	39-2	61921	61721	62306	61983	0.48	cps
Rhodium	103-1	10060642	10117032	10027713	10068462	0.45	cps
Rhodium	103-2	5254341	5305251	5233835	5264475	0.70	cps
Scandium	45-1	7257738	7322822	7320138	7300233	0.50	cps
Scandium	45-2	420994	422772	418948	420905	0.45	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	111	96	106	104	7.17	cps
Selenium	82-1	-8	-81	11	-26	-188.20	cps
Silicon	28-1	825229	819038	835861	826709	1.03	cps
Silver	109-1	267	308	292	289	7.26	cps
Silver	107-1	367	458	292	372	22.43	cps
Sodium	23-2	21124	21274	21399	21266	0.65	cps
Strontium	86-1	24864	24705	24330	24633	1.11	cps
Strontium	88-1	202858	203321	204141	203440	0.32	cps
Sulfur	34-1	573025	571297	562254	568859	1.02	cps
Terbium	159-1	13490610	13674233	13527083	13563975	0.72	cps
Terbium	159-2	7649201	7694699	7681234	7675044	0.30	cps
Thallium	203-1	292	317	275	294	7.12	cps
Thallium	205-1	608	717	592	639	10.62	cps
Tin	118-1	1742	1458	1550	1583	9.13	cps
Titanium	47-1	36254	34767	36880	35967	3.02	cps
Uranium	238-1	508	525	550	528	3.97	cps
Vanadium	51-2	29687	29847	29439	29658	0.69	cps
Yttrium	89-1	11223819	11263297	11286200	11257772	0.28	cps
Yttrium	89-2	2066472	2080075	2067332	2071293	0.37	cps
Zinc	66-2	8339	8409	8172	8307	1.46	cps
Zirconium	90-1	15342	15392	15342	15359	0.19	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-02DL3X100	Instrumnet Name :	P7
Client Sample ID :	MH0S17D	Dilution Factor :	100
Date & Time Acquired ::	2018-04-19 19:16:42	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3409	2975	3209	3198	6.78	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01LDL3X500	Instrumnet Name :	P7
Client Sample ID :	MH0S17L	Dilution Factor :	500
Date & Time Acquired ::	2018-04-19 19:20:16	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12522	11713	11772	12003	3.76	cps
Antimony	121-1	300	275	250	275	9.09	cps
Arsenic	75-2	6	6	7	6	17.29	cps
Barium	135-1	6302	5968	5601	5957	5.88	cps
Barium	137-1	10379	10730	10037	10382	3.33	cps
Beryllium	9-1	67	94	61	74	24.11	cps
Bismuth	209-1	8298181	8294162	8342555	8311633	0.32	cps
Bismuth	209-2	5275052	5321227	5271122	5289134	0.53	cps
Boron	10-1	317	433	458	403	18.77	cps
Boron	11-1	2050	1709	1992	1917	9.54	cps
Cadmium	111-1	2510	2612	2841	2654	6.40	cps
Cadmium	106-1	3576	3726	4042	3781	6.30	cps
Cadmium	108-1	8	0	25	11	114.58	cps
Calcium	43-1	30507	30541	29614	30221	1.74	cps
Calcium	44-1	497123	493439	495650	495404	0.37	cps
Chromium	52-2	76313	76521	76166	76333	0.23	cps
Cobalt	59-2	160	127	163	150	13.52	cps
Copper	63-2	4151	3864	3864	3959	4.18	cps
Dysprosium	156-1	75	75	50	67	21.65	cps
Dysprosium	156-2	37	17	17	23	49.48	cps
Erbium	164-1	150	142	92	128	24.69	cps
Erbium	164-2	77	77	70	74	5.17	cps
Gadolinium	160-1	83	100	133	106	24.12	cps
Gadolinium	160-2	163	160	187	170	8.55	cps
Holmium	165-1	13287241	13272079	13301976	13287099	0.11	cps
Holmium	165-2	7845139	7718377	7705951	7756489	0.99	cps
Indium	115-1	10629165	10618155	10539198	10595506	0.46	cps
Indium	115-2	2662928	2638739	2641759	2647809	0.50	cps
Iron	56-2	2042807	2050191	2045791	2046263	0.18	cps
Iron	57-2	51106	50403	50521	50677	0.74	cps
Lead	206-1	1061	911	1178	1050	12.73	cps
Lead	207-1	978	917	844	913	7.31	cps
Lead	208-1	4073	3856	4156	4028	3.85	cps
Lithium	6-1	2907280	2911926	2915747	2911651	0.15	cps
Magnesium	24-2	69805	67771	67712	68429	1.74	cps
Manganese	55-2	283533	281278	281562	282124	0.44	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01LDL3X500	Instrumnet Name :	P7
Client Sample ID :	MH0S17L	Dilution Factor :	500
Date & Time Acquired ::	2018-04-19 19:20:16	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1508	1517	1467	1497	1.79	cps
Molybdenum	95-1	392	467	458	439	9.37	cps
Molybdenum	96-1	750	708	908	789	13.38	cps
Molybdenum	97-1	292	283	342	306	10.33	cps
Molybdenum	98-1	642	667	600	636	5.29	cps
Neodymium	150-1	227	187	293	236	22.88	cps
Neodymium	150-2	117	110	90	106	13.15	cps
Nickel	60-2	323	303	340	322	5.70	cps
Phosphorus	31-2	300	425	367	364	17.19	cps
Potassium	39-2	60951	60692	60776	60806	0.22	cps
Rhodium	103-1	10097416	10183243	10122327	10134329	0.44	cps
Rhodium	103-2	5327886	5321085	5327297	5325423	0.07	cps
Scandium	45-1	7396599	7359666	7386393	7380886	0.26	cps
Scandium	45-2	428577	423033	427046	426219	0.67	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	104	106	98	102	3.76	cps
Selenium	82-1	13	84	-33	21	273.80	cps
Silicon	28-1	494062	504827	492446	497111	1.35	cps
Silver	109-1	150	167	158	158	5.26	cps
Silver	107-1	225	233	175	211	14.95	cps
Sodium	23-2	19914	19555	19714	19728	0.91	cps
Strontium	86-1	5951	5768	5851	5857	1.57	cps
Strontium	88-1	42907	43250	42230	42795	1.21	cps
Sulfur	34-1	578975	571584	577882	576147	0.69	cps
Terbium	159-1	13653310	13660724	13723097	13679044	0.28	cps
Terbium	159-2	7823677	7765623	7766584	7785295	0.43	cps
Thallium	203-1	392	342	342	358	8.06	cps
Thallium	205-1	800	625	575	667	17.72	cps
Tin	118-1	708	642	600	650	8.41	cps
Titanium	47-1	8069	7961	7886	7972	1.16	cps
Uranium	238-1	100	83	125	103	20.41	cps
Vanadium	51-2	6355	6305	6388	6349	0.66	cps
Yttrium	89-1	11504338	11419785	11494899	11473007	0.40	cps
Yttrium	89-2	2112924	2089091	2093788	2098601	0.60	cps
Zinc	66-2	1990	1994	1950	1978	1.22	cps
Zirconium	90-1	3817	3784	3742	3781	0.99	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01LDL3X500	Instrumnet Name :	P7
Client Sample ID :	MH0S17L	Dilution Factor :	500
Date & Time Acquired ::	2018-04-19 19:20:16	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	867	700	775	781	10.69	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-03DL3X100	Instrumnet Name :	P7
Client Sample ID :	MH0S17S	Dilution Factor :	100
Date & Time Acquired ::	2018-04-19 19:23:50	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	60590	59328	59201	59706	1.29	cps
Antimony	121-1	1975	2000	2242	2072	7.11	cps
Arsenic	75-2	63	63	54	60	8.93	cps
Barium	135-1	34886	35496	35196	35193	0.87	cps
Barium	137-1	62542	62960	62995	62832	0.40	cps
Beryllium	9-1	328	333	333	331	0.97	cps
Bismuth	209-1	8196966	8315225	8324893	8279028	0.86	cps
Bismuth	209-2	5275262	5287449	5263385	5275365	0.23	cps
Boron	10-1	800	908	842	850	6.43	cps
Boron	11-1	4251	4376	4476	4367	2.58	cps
Cadmium	111-1	2756	2929	2788	2824	3.26	cps
Cadmium	106-1	3626	3976	3726	3776	4.78	cps
Cadmium	108-1	46	42	46	44	5.40	cps
Calcium	43-1	143279	145283	146983	145182	1.28	cps
Calcium	44-1	2349418	2372930	2379541	2367297	0.67	cps
Chromium	52-2	369047	380478	372213	373913	1.58	cps
Cobalt	59-2	5631	5681	5678	5663	0.49	cps
Copper	63-2	17898	17935	17541	17791	1.22	cps
Dysprosium	156-1	250	242	258	250	3.33	cps
Dysprosium	156-2	153	117	117	129	16.43	cps
Erbium	164-1	375	408	450	411	9.14	cps
Erbium	164-2	203	210	240	218	8.97	cps
Gadolinium	160-1	200	217	267	228	15.23	cps
Gadolinium	160-2	290	240	290	273	10.56	cps
Holmium	165-1	13239533	13321308	13303923	13288255	0.32	cps
Holmium	165-2	7863037	7806448	7765190	7811558	0.63	cps
Indium	115-1	10450376	10481876	10614237	10515497	0.83	cps
Indium	115-2	2670217	2666297	2663396	2666637	0.13	cps
Iron	56-2	10382196	10356058	10338517	10358923	0.21	cps
Iron	57-2	244560	246271	245398	245409	0.35	cps
Lead	206-1	3867	3995	3801	3888	2.54	cps
Lead	207-1	2778	3045	3067	2963	5.43	cps
Lead	208-1	14087	14832	14859	14593	3.00	cps
Lithium	6-1	2883300	2946455	2921390	2917048	1.09	cps
Magnesium	24-2	337823	335400	336996	336740	0.37	cps
Manganese	55-2	1399831	1394847	1398904	1397861	0.19	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-03DL3X100	Instrumnet Name :	P7
Client Sample ID :	MH0S17S	Dilution Factor :	100
Date & Time Acquired ::	2018-04-19 19:23:50	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6660	6477	6343	6493	2.45	cps
Molybdenum	95-1	2017	2092	1909	2006	4.60	cps
Molybdenum	96-1	3034	2775	3076	2962	5.49	cps
Molybdenum	97-1	1267	1500	1267	1345	10.02	cps
Molybdenum	98-1	3025	2917	3251	3064	5.55	cps
Neodymium	150-1	913	953	980	949	3.54	cps
Neodymium	150-2	510	453	463	476	6.36	cps
Nickel	60-2	2637	2774	2844	2751	3.82	cps
Phosphorus	31-2	592	483	642	572	14.15	cps
Potassium	39-2	62047	63169	61529	62248	1.35	cps
Rhodium	103-1	10085840	10160427	10226311	10157526	0.69	cps
Rhodium	103-2	5362531	5357845	5339486	5353287	0.23	cps
Scandium	45-1	7305782	7398825	7349646	7351418	0.63	cps
Scandium	45-2	434026	430156	431148	431777	0.47	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	104	124	120	116	9.35	cps
Selenium	82-1	35	44	1	26	86.08	cps
Silicon	28-1	823140	825305	832809	827085	0.61	cps
Silver	109-1	1242	1242	1167	1217	3.56	cps
Silver	107-1	1300	1417	1367	1361	4.30	cps
Sodium	23-2	21291	21633	21466	21463	0.80	cps
Strontium	86-1	24689	24146	23921	24252	1.63	cps
Strontium	88-1	205578	209188	206542	207103	0.90	cps
Sulfur	34-1	576022	577761	578938	577574	0.25	cps
Terbium	159-1	13584106	13754664	13813568	13717446	0.87	cps
Terbium	159-2	7787529	7843108	7825146	7818594	0.36	cps
Thallium	203-1	933	867	900	900	3.70	cps
Thallium	205-1	2625	2542	2350	2506	5.63	cps
Tin	118-1	1675	1717	1625	1672	2.75	cps
Titanium	47-1	36454	38117	37850	37474	2.38	cps
Uranium	238-1	425	508	475	469	8.93	cps
Vanadium	51-2	33054	33338	32803	33065	0.81	cps
Yttrium	89-1	11441058	11526019	11598649	11521909	0.68	cps
Yttrium	89-2	2116010	2122437	2094874	2111107	0.68	cps
Zinc	66-2	9530	9447	9210	9395	1.77	cps
Zirconium	90-1	15643	14992	14850	15161	2.79	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-03DL3X100	Instrumnet Name :	P7
Client Sample ID :	MH0S17S	Dilution Factor :	100
Date & Time Acquired ::	2018-04-19 19:23:50	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3367	3192	3209	3256	2.97	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	CCV086	Instrumnet Name :	P7
Client Sample ID :	CCV086	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 19:31:43	DataFile Name :	048CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6059483	6061168	6092190	6070947	0.30	cps
Antimony	121-1	4250656	4200103	4173273	4208011	0.93	cps
Arsenic	75-2	196196	195038	198121	196451	0.79	cps
Barium	135-1	4941060	4927637	4930177	4932958	0.14	cps
Barium	137-1	8648992	8627830	8671542	8649455	0.25	cps
Beryllium	9-1	1082012	1065365	1069487	1072288	0.81	cps
Bismuth	209-1	7733696	7750577	7669734	7718002	0.55	cps
Bismuth	209-2	4870507	4901990	4902853	4891783	0.38	cps
Boron	10-1	120956	124241	123441	122879	1.39	cps
Boron	11-1	574468	581119	581443	579010	0.68	cps
Cadmium	111-1	965807	954738	965759	962101	0.66	cps
Cadmium	106-1	107102	108606	108967	108225	0.91	cps
Cadmium	108-1	71919	72329	72275	72174	0.31	cps
Calcium	43-1	6442661	6412434	6414326	6423140	0.26	cps
Calcium	44-1	104871023	104359200	103894284	104374836	0.47	cps
Chromium	52-2	1638478	1630630	1646575	1638561	0.49	cps
Cobalt	59-2	2407511	2396625	2415257	2406464	0.39	cps
Copper	63-2	3267088	3278614	3285778	3277160	0.29	cps
Dysprosium	156-1	58	83	108	83	30.00	cps
Dysprosium	156-2	83	87	87	86	2.25	cps
Erbium	164-1	33	58	58	50	28.86	cps
Erbium	164-2	27	20	17	21	24.12	cps
Gadolinium	160-1	150	125	133	136	9.35	cps
Gadolinium	160-2	210	170	183	188	10.85	cps
Holmium	165-1	13302849	13272071	13177533	13250818	0.49	cps
Holmium	165-2	7734092	7731475	7724553	7730040	0.06	cps
Indium	115-1	9906822	9885510	9947422	9913251	0.32	cps
Indium	115-2	2501302	2502649	2519801	2507917	0.41	cps
Iron	56-2	337227363	334876941	338150252	336751519	0.50	cps
Iron	57-2	8221251	8242336	8237994	8233860	0.14	cps
Lead	206-1	2963043	2975828	2945952	2961607	0.51	cps
Lead	207-1	2584453	2579727	2599977	2588052	0.41	cps
Lead	208-1	11916306	11891991	11874710	11894336	0.18	cps
Lithium	6-1	2856061	2847549	2897866	2867159	0.94	cps
Magnesium	24-2	63301658	63473651	63701920	63492410	0.32	cps
Manganese	55-2	1875478	1869168	1877218	1873955	0.23	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	CCV086	Instrumnet Name :	P7
Client Sample ID :	CCV086	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 19:31:43	DataFile Name :	048CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8542326	8472954	8460458	8491913	0.52	cps
Molybdenum	95-1	10585186	10587424	10416054	10529555	0.93	cps
Molybdenum	96-1	11533982	11585221	11360790	11493331	1.02	cps
Molybdenum	97-1	6597591	6549711	6490830	6546044	0.82	cps
Molybdenum	98-1	16615690	16748345	16676029	16680021	0.40	cps
Neodymium	150-1	293	447	367	369	20.79	cps
Neodymium	150-2	67	90	57	71	24.05	cps
Nickel	60-2	628997	625834	630719	628517	0.39	cps
Phosphorus	31-2	69939	69412	70977	70110	1.14	cps
Potassium	39-2	34662100	34536339	34726836	34641758	0.28	cps
Rhodium	103-1	9241835	9325483	9284783	9284034	0.45	cps
Rhodium	103-2	4898722	4876432	4901245	4892133	0.28	cps
Scandium	45-1	7260558	7176859	7194293	7210570	0.61	cps
Scandium	45-2	418462	417762	421573	419266	0.48	cps
Selenium	77-2	3904	4177	4167	4083	3.80	cps
Selenium	78-2	14044	13905	14201	14050	1.06	cps
Selenium	82-1	62952	62920	63799	63224	0.79	cps
Silicon	28-1	3748733	3754559	3772800	3758697	0.33	cps
Silver	109-1	4542499	4496449	4510810	4516586	0.52	cps
Silver	107-1	4773015	4742193	4730207	4748472	0.47	cps
Sodium	23-2	120671540	119415457	119367286	119818094	0.62	cps
Strontium	86-1	1326096	1310036	1303584	1313238	0.88	cps
Strontium	88-1	11891042	11876893	11792784	11853573	0.45	cps
Sulfur	34-1	993441	988354	976558	986118	0.88	cps
Terbium	159-1	13562977	13575263	13560429	13566223	0.06	cps
Terbium	159-2	7670049	7751491	7686587	7702709	0.56	cps
Thallium	203-1	3662474	3656954	3617359	3645596	0.68	cps
Thallium	205-1	8962501	9007884	8915691	8962025	0.51	cps
Tin	118-1	3124945	3134442	3125096	3128161	0.17	cps
Titanium	47-1	3099363	3077535	3086585	3087827	0.36	cps
Uranium	238-1	12673775	12733027	12605772	12670858	0.50	cps
Vanadium	51-2	1347770	1356247	1354835	1352951	0.34	cps
Yttrium	89-1	11094335	11129539	11042135	11088669	0.40	cps
Yttrium	89-2	2052476	2045075	2062765	2053439	0.43	cps
Zinc	66-2	497478	498238	497968	497895	0.08	cps
Zirconium	90-1	7024657	7197529	7157482	7126556	1.27	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	CCV086	Instrumnet Name :	P7
Client Sample ID :	CCV086	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 19:31:43	DataFile Name :	048CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1528491	1551876	1542253	1540873	0.76	cps

LB Number : LB94752 Operator : Jaswal
 Lab Sample ID : CCB086 Instrumnet Name : P7
 Client Sample ID : CCB086 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-19 19:36:24 DataFile Name : 049CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	83	67	86	24.35	cps
Antimony	121-1	4426	5285	5985	5232	14.92	cps
Arsenic	75-2	19	17	22	19	14.77	cps
Barium	135-1	150	208	83	147	42.48	cps
Barium	137-1	342	408	275	342	19.51	cps
Beryllium	9-1	178	144	89	137	32.77	cps
Bismuth	209-1	8299639	8258737	8230742	8263040	0.42	cps
Bismuth	209-2	5309707	5291791	5288408	5296635	0.22	cps
Boron	10-1	1300	1417	1342	1353	4.37	cps
Boron	11-1	6727	6443	5876	6349	6.82	cps
Cadmium	111-1	2737	2480	2406	2541	6.83	cps
Cadmium	106-1	3859	3476	3442	3592	6.45	cps
Cadmium	108-1	21	4	17	14	62.43	cps
Calcium	43-1	342	308	375	342	9.76	cps
Calcium	44-1	17019	15509	15576	16034	5.32	cps
Chromium	52-2	767	817	770	784	3.56	cps
Cobalt	59-2	83	140	110	111	25.52	cps
Copper	63-2	927	1007	880	938	6.83	cps
Dysprosium	156-1	0	50	17	22	114.56	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	58	33	50	47	26.97	cps
Erbium	164-2	20	13	13	16	24.76	cps
Gadolinium	160-1	100	50	75	75	33.33	cps
Gadolinium	160-2	127	140	193	153	23.01	cps
Holmium	165-1	13171191	13349061	13294634	13271629	0.69	cps
Holmium	165-2	7860937	7911178	7855706	7875941	0.39	cps
Indium	115-1	10527292	10574333	10481723	10527783	0.44	cps
Indium	115-2	2717043	2717417	2691539	2708666	0.55	cps
Iron	56-2	15347	14252	13195	14265	7.54	cps
Iron	57-2	783	756	933	824	11.61	cps
Lead	206-1	761	856	761	793	6.88	cps
Lead	207-1	722	589	644	652	10.27	cps
Lead	208-1	3250	3228	3011	3163	4.17	cps
Lithium	6-1	2900711	2898108	2896326	2898382	0.08	cps
Magnesium	24-2	858	758	650	756	13.79	cps
Manganese	55-2	280	250	197	242	17.43	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	CCB086	Instrumnet Name :	P7
Client Sample ID :	CCB086	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 19:36:24	DataFile Name :	049CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1392	1433	1050	1292	16.28	cps
Molybdenum	95-1	1467	1483	1508	1486	1.41	cps
Molybdenum	96-1	1975	1900	1667	1847	8.71	cps
Molybdenum	97-1	1083	1117	1092	1097	1.58	cps
Molybdenum	98-1	2659	2392	2300	2450	7.60	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	60	60	43	54	17.68	cps
Phosphorus	31-2	292	350	333	325	9.25	cps
Potassium	39-2	66181	67320	66064	66522	1.04	cps
Rhodium	103-1	10105876	10176045	10171598	10151173	0.39	cps
Rhodium	103-2	5437932	5426447	5387456	5417278	0.49	cps
Scandium	45-1	7418320	7493957	7507196	7473158	0.64	cps
Scandium	45-2	439716	442626	436089	439477	0.75	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	100	124	135	120	15.02	cps
Selenium	82-1	35	87	-50	24	289.18	cps
Silicon	28-1	423178	420633	423755	422522	0.39	cps
Silver	109-1	350	350	350	350	0.00	cps
Silver	107-1	433	458	483	458	5.45	cps
Sodium	23-2	35927	34240	34733	34967	2.48	cps
Strontium	86-1	800	950	800	850	10.19	cps
Strontium	88-1	333	258	208	267	23.59	cps
Sulfur	34-1	558333	561709	557874	559305	0.37	cps
Terbium	159-1	13656614	13695479	13757952	13703348	0.37	cps
Terbium	159-2	7961139	7895567	7886435	7914380	0.51	cps
Thallium	203-1	792	683	700	725	8.05	cps
Thallium	205-1	1950	1684	1392	1675	16.67	cps
Tin	118-1	1042	975	992	1003	3.46	cps
Titanium	47-1	175	183	167	175	4.76	cps
Uranium	238-1	325	242	225	264	20.30	cps
Vanadium	51-2	43	23	23	30	38.49	cps
Yttrium	89-1	11468789	11569148	11513517	11517151	0.44	cps
Yttrium	89-2	2154810	2157208	2162200	2158072	0.17	cps
Zinc	66-2	183	173	163	173	5.77	cps
Zirconium	90-1	758	1025	808	864	16.41	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	CCB086	Instrumnet Name :	P7
Client Sample ID :	CCB086	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 19:36:24	DataFile Name :	049CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	283	275	225	261	12.08	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01A	Instrumnet Name :	P7
Client Sample ID :	MH0S17A	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 19:39:56	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5621158	5677031	5714157	5670782	0.83	cps
Antimony	121-1	13674	13565	13540	13593	0.52	cps
Arsenic	75-2	2950	2802	2948	2900	2.93	cps
Barium	135-1	2827523	2797340	2796060	2806974	0.63	cps
Barium	137-1	4953133	4938778	4930702	4940871	0.23	cps
Beryllium	9-1	2589	2567	2350	2502	5.28	cps
Bismuth	209-1	7803488	7805016	7818014	7808839	0.10	cps
Bismuth	209-2	4885696	4884025	4937833	4902518	0.62	cps
Boron	10-1	65635	67292	67066	66664	1.35	cps
Boron	11-1	308952	310111	309826	309630	0.19	cps
Cadmium	111-1	6099	5939	6424	6154	4.01	cps
Cadmium	106-1	7644	7752	7861	7752	1.40	cps
Cadmium	108-1	1688	1833	1625	1715	6.23	cps
Calcium	43-1	14298163	14201815	14265014	14254998	0.34	cps
Calcium	44-1	232961122	232263564	231562164	232262283	0.30	cps
Chromium	52-2	35640773	35950957	36084854	35892195	0.63	cps
Cobalt	59-2	37204	37264	37495	37321	0.41	cps
Copper	63-2	1358415	1362901	1381734	1367683	0.90	cps
Dysprosium	156-1	24306	24706	24423	24478	0.84	cps
Dysprosium	156-2	13083	12723	13060	12955	1.56	cps
Erbium	164-1	35155	36391	35297	35614	1.90	cps
Erbium	164-2	20362	20168	20138	20223	0.60	cps
Gadolinium	160-1	21009	21468	21276	21251	1.08	cps
Gadolinium	160-2	12386	12462	12409	12419	0.32	cps
Holmium	165-1	13316965	13448445	13302951	13356121	0.60	cps
Holmium	165-2	7845388	7866489	7923981	7878619	0.52	cps
Indium	115-1	10251091	10259718	10250712	10253840	0.05	cps
Indium	115-2	2527748	2579272	2577987	2561669	1.15	cps
Iron	56-2	964998710	978022822	1000101756	981041096	1.81	cps
Iron	57-2	23523368	23796187	24053496	23791017	1.11	cps
Lead	206-1	275008	275904	271939	274284	0.76	cps
Lead	207-1	218431	220284	219171	219295	0.43	cps
Lead	208-1	1040633	1043570	1033346	1039183	0.51	cps
Lithium	6-1	2891349	2871552	2890336	2884412	0.39	cps
Magnesium	24-2	31107366	31282618	31784266	31391417	1.12	cps
Manganese	55-2	131039825	132160051	134064231	132421369	1.15	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01A	Instrumnet Name :	P7
Client Sample ID :	MH0S17A	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 19:39:56	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	627697	632621	625898	628739	0.55	cps
Molybdenum	95-1	193005	194171	194357	193844	0.38	cps
Molybdenum	96-1	290124	292189	293088	291800	0.52	cps
Molybdenum	97-1	118993	118448	117540	118327	0.62	cps
Molybdenum	98-1	302312	301973	300478	301588	0.32	cps
Neodymium	150-1	99410	102539	101405	101118	1.57	cps
Neodymium	150-2	46736	47983	48274	47664	1.71	cps
Nickel	60-2	118495	120755	120564	119938	1.05	cps
Phosphorus	31-2	22334	21500	21825	21886	1.92	cps
Potassium	39-2	146627	144918	147879	146475	1.01	cps
Rhodium	103-1	9460252	9476844	9577152	9504749	0.67	cps
Rhodium	103-2	4918329	4979680	5009800	4969269	0.94	cps
Scandium	45-1	7256391	7189650	7273218	7239753	0.61	cps
Scandium	45-2	408143	409336	411834	409771	0.46	cps
Selenium	77-2	230	210	170	203	15.03	cps
Selenium	78-2	439	494	504	479	7.32	cps
Selenium	82-1	1609	1600	1581	1596	0.89	cps
Silicon	28-1	31946778	31724488	32067998	31913088	0.55	cps
Silver	109-1	22085	21509	22035	21876	1.46	cps
Silver	107-1	22418	22110	22953	22494	1.90	cps
Sodium	23-2	239610	240356	241346	240437	0.36	cps
Strontium	86-1	2315193	2314608	2327796	2319199	0.32	cps
Strontium	88-1	20832106	20822278	20941350	20865245	0.32	cps
Sulfur	34-1	594590	597779	610051	600806	1.36	cps
Terbium	159-1	13895267	13676288	13670968	13747508	0.93	cps
Terbium	159-2	7769946	7791851	7877678	7813158	0.73	cps
Thallium	203-1	1617	1542	1200	1453	15.29	cps
Thallium	205-1	3384	3334	3117	3278	4.33	cps
Tin	118-1	121690	121886	119538	121038	1.08	cps
Titanium	47-1	3643410	3613497	3617637	3624848	0.45	cps
Uranium	238-1	43725	44645	44855	44408	1.35	cps
Vanadium	51-2	5918411	5963957	6019346	5967238	0.85	cps
Yttrium	89-1	11698481	11661779	11638896	11666385	0.26	cps
Yttrium	89-2	2073285	2113227	2113842	2100118	1.11	cps
Zinc	66-2	759054	767158	774195	766802	0.99	cps
Zirconium	90-1	1435623	1449067	1439703	1441464	0.48	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01A	Instrumnet Name :	P7
Client Sample ID :	MH0S17A	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 19:39:56	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	320388	320604	318689	319894	0.33	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01ADLX3	Instrumnet Name :	P7
Client Sample ID :	MH0S17A	Dilution Factor :	3
Date & Time Acquired ::	2018-04-19 19:43:35	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1792694	1800169	1803857	1798907	0.32	cps
Antimony	121-1	4443	4993	5109	4848	7.35	cps
Arsenic	75-2	1007	924	994	975	4.60	cps
Barium	135-1	936808	924922	938687	933472	0.80	cps
Barium	137-1	1620446	1619345	1630386	1623392	0.37	cps
Beryllium	9-1	839	778	839	819	4.31	cps
Bismuth	209-1	8040573	8069602	8212729	8107634	1.14	cps
Bismuth	209-2	5005147	4980601	5070743	5018830	0.93	cps
Boron	10-1	22835	23002	24137	23324	3.04	cps
Boron	11-1	107052	108948	110032	108677	1.39	cps
Cadmium	111-1	3778	3409	3747	3645	5.61	cps
Cadmium	106-1	5193	4634	4993	4940	5.73	cps
Cadmium	108-1	642	621	521	594	10.87	cps
Calcium	43-1	4737778	4740237	4714774	4730930	0.30	cps
Calcium	44-1	76677723	77149287	77728295	77185102	0.68	cps
Chromium	52-2	11874438	11830141	11772436	11825672	0.43	cps
Cobalt	59-2	12105	12245	12689	12346	2.47	cps
Copper	63-2	460882	460907	461609	461133	0.09	cps
Dysprosium	156-1	8303	7944	8003	8083	2.38	cps
Dysprosium	156-2	4327	4271	4277	4292	0.72	cps
Erbium	164-1	12106	12139	11780	12009	1.65	cps
Erbium	164-2	6782	7039	6935	6919	1.87	cps
Gadolinium	160-1	7027	6602	6952	6860	3.31	cps
Gadolinium	160-2	4067	4274	4044	4128	3.07	cps
Holmium	165-1	13345951	13492864	13411731	13416849	0.55	cps
Holmium	165-2	7756384	7769459	7821358	7782400	0.44	cps
Indium	115-1	10293178	10384081	10413982	10363747	0.61	cps
Indium	115-2	2520393	2511741	2539187	2523773	0.56	cps
Iron	56-2	321783118	321214707	319057552	320685126	0.45	cps
Iron	57-2	7865825	7841944	7809015	7838928	0.36	cps
Lead	206-1	93892	96511	94977	95127	1.38	cps
Lead	207-1	74607	75907	76891	75801	1.51	cps
Lead	208-1	357052	360508	363252	360271	0.86	cps
Lithium	6-1	2915149	2921995	2929624	2922256	0.25	cps
Magnesium	24-2	10316917	10335480	10358341	10336912	0.20	cps
Manganese	55-2	43693688	43489701	43538449	43573946	0.24	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01ADLX3	Instrumnet Name :	P7
Client Sample ID :	MH0S17A	Dilution Factor :	3
Date & Time Acquired ::	2018-04-19 19:43:35	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	207309	209119	208078	208169	0.44	cps
Molybdenum	95-1	64438	64697	65258	64798	0.65	cps
Molybdenum	96-1	98338	97315	100567	98740	1.68	cps
Molybdenum	97-1	38545	39782	39731	39353	1.78	cps
Molybdenum	98-1	102242	101057	99832	101043	1.19	cps
Neodymium	150-1	33415	33595	34985	33998	2.53	cps
Neodymium	150-2	15722	15542	15989	15751	1.43	cps
Nickel	60-2	41041	40312	40275	40543	1.07	cps
Phosphorus	31-2	7010	7335	7502	7283	3.44	cps
Potassium	39-2	85035	86116	85002	85385	0.74	cps
Rhodium	103-1	9753263	9799764	9803108	9785378	0.28	cps
Rhodium	103-2	5033266	5017203	5023511	5024660	0.16	cps
Scandium	45-1	7132814	7123519	7193696	7150010	0.53	cps
Scandium	45-2	397936	398145	399936	398672	0.28	cps
Selenium	77-2	53	63	50	56	12.49	cps
Selenium	78-2	217	226	194	212	7.62	cps
Selenium	82-1	548	552	418	506	15.10	cps
Silicon	28-1	10874095	10930820	10892921	10899279	0.27	cps
Silver	109-1	7319	7419	7569	7436	1.69	cps
Silver	107-1	8019	7569	7519	7702	3.58	cps
Sodium	23-2	95596	94740	95025	95120	0.46	cps
Strontium	86-1	771880	773474	772332	772562	0.11	cps
Strontium	88-1	6994399	6951603	7072768	7006257	0.88	cps
Sulfur	34-1	546898	547244	545294	546479	0.19	cps
Terbium	159-1	13704865	13737377	13837043	13759762	0.50	cps
Terbium	159-2	7746034	7781070	7687709	7738271	0.61	cps
Thallium	203-1	292	383	358	344	13.76	cps
Thallium	205-1	875	900	925	900	2.78	cps
Tin	118-1	42424	41521	40493	41479	2.33	cps
Titanium	47-1	1174137	1183421	1183420	1180326	0.45	cps
Uranium	238-1	16169	15068	15251	15496	3.81	cps
Vanadium	51-2	1902268	1898541	1906157	1902322	0.20	cps
Yttrium	89-1	11442881	11401859	11541641	11462127	0.63	cps
Yttrium	89-2	2034189	2019787	2029877	2027951	0.36	cps
Zinc	66-2	260202	259660	261023	260295	0.26	cps
Zirconium	90-1	474857	473925	480283	476355	0.72	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	J2438-01ADLX3	Instrumnet Name :	P7
Client Sample ID :	MH0S17A	Dilution Factor :	3
Date & Time Acquired ::	2018-04-19 19:43:35	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	106721	106468	107208	106799	0.35	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	CCV087	Instrumnet Name :	P7
Client Sample ID :	CCV087	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 19:47:10	DataFile Name :	052CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6331579	6420468	6374753	6375600	0.70	cps
Antimony	121-1	4353786	4358212	4297014	4336337	0.79	cps
Arsenic	75-2	205455	206787	206872	206371	0.38	cps
Barium	135-1	5130871	5095154	5089811	5105279	0.44	cps
Barium	137-1	8945919	8994770	8980427	8973705	0.28	cps
Beryllium	9-1	1078797	1078635	1079013	1078815	0.02	cps
Bismuth	209-1	7758721	7751431	7695918	7735357	0.44	cps
Bismuth	209-2	4914002	5022227	4938522	4958250	1.14	cps
Boron	10-1	123533	126248	125962	125247	1.19	cps
Boron	11-1	582491	594476	595839	590935	1.24	cps
Cadmium	111-1	988348	995319	992560	992076	0.35	cps
Cadmium	106-1	110654	111083	108900	110213	1.05	cps
Cadmium	108-1	73435	74013	74122	73857	0.50	cps
Calcium	43-1	6628569	6660931	6625804	6638435	0.29	cps
Calcium	44-1	107690277	108649373	107943457	108094369	0.46	cps
Chromium	52-2	1711060	1724201	1720995	1718752	0.40	cps
Cobalt	59-2	2493906	2535984	2520807	2516899	0.85	cps
Copper	63-2	3377045	3423159	3405353	3401853	0.68	cps
Dysprosium	156-1	133	75	133	114	29.57	cps
Dysprosium	156-2	110	93	90	98	10.96	cps
Erbium	164-1	125	33	125	94	56.04	cps
Erbium	164-2	17	43	40	33	43.58	cps
Gadolinium	160-1	133	217	133	161	29.86	cps
Gadolinium	160-2	163	130	207	167	23.07	cps
Holmium	165-1	13319146	13362968	13311298	13331137	0.21	cps
Holmium	165-2	7842899	7988874	7889190	7906988	0.94	cps
Indium	115-1	10020986	9952005	10022922	9998637	0.40	cps
Indium	115-2	2516179	2564176	2563970	2548108	1.09	cps
Iron	56-2	348396941	354530552	354021986	352316493	0.97	cps
Iron	57-2	8522218	8622054	8657793	8600689	0.82	cps
Lead	206-1	3038032	3044413	3031831	3038092	0.21	cps
Lead	207-1	2667737	2655585	2640827	2654717	0.51	cps
Lead	208-1	12400119	12307798	12245974	12317963	0.63	cps
Lithium	6-1	2828578	2792325	2799398	2806767	0.68	cps
Magnesium	24-2	66423483	67380514	66880491	66894829	0.72	cps
Manganese	55-2	1947956	1976204	1963126	1962429	0.72	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	CCV087	Instrumnet Name :	P7
Client Sample ID :	CCV087	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 19:47:10	DataFile Name :	052CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8780346	8884334	8804390	8823023	0.62	cps
Molybdenum	95-1	10946416	10970757	10886632	10934602	0.40	cps
Molybdenum	96-1	11936715	11960189	11838728	11911877	0.54	cps
Molybdenum	97-1	6744469	6843293	6715252	6767671	0.99	cps
Molybdenum	98-1	17330241	17334230	17228056	17297509	0.35	cps
Neodymium	150-1	320	320	353	331	5.81	cps
Neodymium	150-2	60	57	57	58	3.33	cps
Nickel	60-2	651011	657359	652924	653765	0.50	cps
Phosphorus	31-2	71246	71748	73205	72066	1.41	cps
Potassium	39-2	36048738	36509906	36526903	36361849	0.75	cps
Rhodium	103-1	9357348	9364245	9389753	9370448	0.18	cps
Rhodium	103-2	4892022	4983753	4959683	4945153	0.96	cps
Scandium	45-1	7217404	7204589	7255913	7225968	0.37	cps
Scandium	45-2	420769	427302	425185	424419	0.79	cps
Selenium	77-2	4267	4381	4347	4332	1.35	cps
Selenium	78-2	14294	14505	14342	14381	0.77	cps
Selenium	82-1	65276	63928	64709	64637	1.05	cps
Silicon	28-1	3665541	3695592	3689249	3683461	0.43	cps
Silver	109-1	4711198	4736454	4672855	4706836	0.68	cps
Silver	107-1	4932293	4926645	4930050	4929663	0.06	cps
Sodium	23-2	121620211	123946182	122915253	122827215	0.95	cps
Strontium	86-1	1360133	1357732	1354355	1357407	0.21	cps
Strontium	88-1	12206009	12309587	12276440	12264012	0.43	cps
Sulfur	34-1	957321	954649	958534	956835	0.21	cps
Terbium	159-1	13729530	13731573	13612488	13691197	0.50	cps
Terbium	159-2	7859123	7950574	7841611	7883769	0.74	cps
Thallium	203-1	3766789	3797874	3735128	3766597	0.83	cps
Thallium	205-1	9148376	9168403	9229086	9181955	0.46	cps
Tin	118-1	3252618	3229020	3226464	3236034	0.45	cps
Titanium	47-1	3156016	3180560	3172405	3169660	0.39	cps
Uranium	238-1	13040308	13131800	12918935	13030348	0.82	cps
Vanadium	51-2	1399800	1418136	1419761	1412565	0.78	cps
Yttrium	89-1	11338943	11214315	11193376	11248878	0.70	cps
Yttrium	89-2	2070856	2102671	2100523	2091350	0.85	cps
Zinc	66-2	510394	515042	512256	512564	0.46	cps
Zirconium	90-1	7408266	7490581	7428839	7442562	0.58	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	CCV087	Instrumnet Name :	P7
Client Sample ID :	CCV087	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 19:47:10	DataFile Name :	052CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1592312	1606216	1583494	1594007	0.72	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	CCB087	Instrumnet Name :	P7
Client Sample ID :	CCB087	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	83	92	81	15.80	cps
Antimony	121-1	2400	3117	3517	3012	18.79	cps
Arsenic	75-2	13	6	13	10	40.72	cps
Barium	135-1	58	75	92	75	22.22	cps
Barium	137-1	75	142	158	125	35.28	cps
Beryllium	9-1	133	94	139	122	19.81	cps
Bismuth	209-1	8027159	8221249	8210938	8153115	1.34	cps
Bismuth	209-2	5216854	5266921	5280250	5254675	0.64	cps
Boron	10-1	1267	1158	1042	1156	9.74	cps
Boron	11-1	5268	5560	5560	5462	3.08	cps
Cadmium	111-1	2352	2329	2541	2407	4.84	cps
Cadmium	106-1	3342	3301	3617	3420	5.03	cps
Cadmium	108-1	0	21	17	13	88.19	cps
Calcium	43-1	258	300	233	264	12.76	cps
Calcium	44-1	14316	15150	14433	14633	3.09	cps
Chromium	52-2	893	767	740	800	10.24	cps
Cobalt	59-2	67	73	80	73	9.09	cps
Copper	63-2	887	817	847	850	4.13	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	10	0	3	4	114.60	cps
Erbium	164-1	50	8	58	39	68.89	cps
Erbium	164-2	30	27	23	27	12.51	cps
Gadolinium	160-1	108	50	75	78	37.63	cps
Gadolinium	160-2	167	193	187	182	7.62	cps
Holmium	165-1	13187403	13384917	13216028	13262783	0.80	cps
Holmium	165-2	7831282	7872849	7843199	7849110	0.27	cps
Indium	115-1	10511298	10533240	10631075	10558538	0.60	cps
Indium	115-2	2689821	2719237	2716413	2708490	0.60	cps
Iron	56-2	10054	10048	9792	9965	1.50	cps
Iron	57-2	728	644	756	709	8.15	cps
Lead	206-1	833	833	711	793	8.90	cps
Lead	207-1	606	706	667	659	7.65	cps
Lead	208-1	3006	3167	2895	3022	4.53	cps
Lithium	6-1	2833141	2863229	2919084	2871818	1.52	cps
Magnesium	24-2	525	458	442	475	9.28	cps
Manganese	55-2	367	353	360	360	1.85	cps

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Lab Sample ID :	CCB087	Instrumnet Name :	P7
Client Sample ID :	CCB087	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 19:54:44	DataFile Name :	053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	683	708	717	703	2.47	cps
Molybdenum	95-1	608	750	625	661	11.71	cps
Molybdenum	96-1	858	842	900	867	3.47	cps
Molybdenum	97-1	500	442	633	525	18.71	cps
Molybdenum	98-1	992	1233	1467	1231	19.30	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	33	57	40	43	27.74	cps
Phosphorus	31-2	317	283	250	283	11.76	cps
Potassium	39-2	67723	67320	67487	67510	0.30	cps
Rhodium	103-1	10067518	10195077	10197796	10153464	0.73	cps
Rhodium	103-2	5434890	5442479	5399800	5425723	0.42	cps
Scandium	45-1	7326395	7424298	7416878	7389190	0.74	cps
Scandium	45-2	441724	442656	444562	442981	0.33	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	130	119	111	120	7.78	cps
Selenium	82-1	76	81	-50	36	208.43	cps
Silicon	28-1	426417	419053	423077	422849	0.87	cps
Silver	109-1	308	317	250	292	12.46	cps
Silver	107-1	333	267	333	311	12.37	cps
Sodium	23-2	35660	35234	35184	35359	0.74	cps
Strontium	86-1	808	883	833	842	4.54	cps
Strontium	88-1	175	167	158	167	5.00	cps
Sulfur	34-1	552290	556128	555919	554779	0.39	cps
Terbium	159-1	13429788	13623466	13757852	13603702	1.21	cps
Terbium	159-2	7888317	7869624	7811055	7856332	0.51	cps
Thallium	203-1	542	625	508	558	10.76	cps
Thallium	205-1	1475	1400	1275	1383	7.30	cps
Tin	118-1	725	575	758	686	14.23	cps
Titanium	47-1	142	83	175	133	34.80	cps
Uranium	238-1	75	50	92	72	29.04	cps
Vanadium	51-2	30	27	30	29	6.65	cps
Yttrium	89-1	11383974	11526851	11469421	11460082	0.63	cps
Yttrium	89-2	2171969	2175101	2167417	2171495	0.18	cps
Zinc	66-2	157	190	193	180	11.27	cps
Zirconium	90-1	758	708	667	711	6.45	cps

LB Number :	LB94752	Operator :	Jaswal
Lab Sample ID :	CCB087	Instrumnet Name :	P7
Client Sample ID :	CCB087	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	142	167	161	10.77	cps