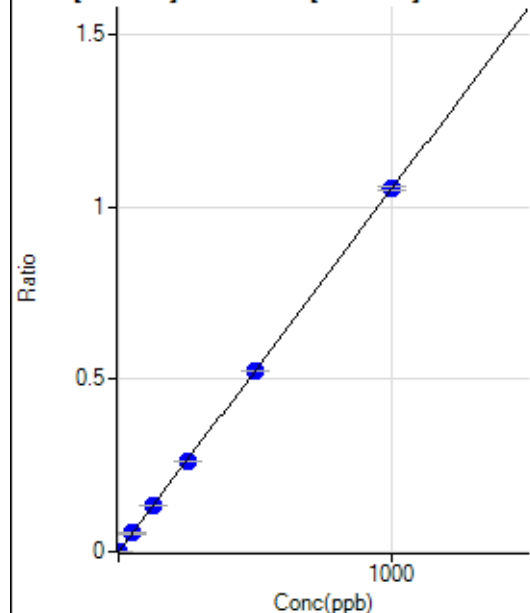


Calibration for 007CALS.d

Batch Folder: D:\ICP-MS Data\P7101217-MS.b\
 Analysis File: P7101217-MS.batch.bin
 DA Date-Time: 2017-10-13 09:11:04
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2017-10-12 10:50:19
2			
3	005CALS.d	S02	2017-10-12 10:57:44
4	006CALS.d	S03	2017-10-12 11:01:36
5	007CALS.d	S04	2017-10-12 11:05:28
6	008CALS.d	S05	2017-10-12 11:09:19
7	009CALS.d	S06	2017-10-12 11:13:09
8	010CALS.d	S07	2017-10-12 11:16:58
9	011CALS.d	S08	2017-10-12 11:20:43

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0000	P	33.7
2	☐	0.100					
3	☐	1.000	0.797	318.53	0.0009	P	8.3
4	☐	50.000	50.365	19488.92	0.0530	P	1.3
5	☐	125.000	126.786	48350.04	0.1334	P	0.1
6	☐	250.000	248.994	93918.06	0.2620	P	0.4
7	☐	500.000	498.331	187466.92	0.5243	P	0.5
8	☐	1000.000	1000.845	364506.41	1.0530	P	1.1
9	☐			59.26	0.0002	P	24.0

$$y = 0.0011 * x + 4.6416E-005$$

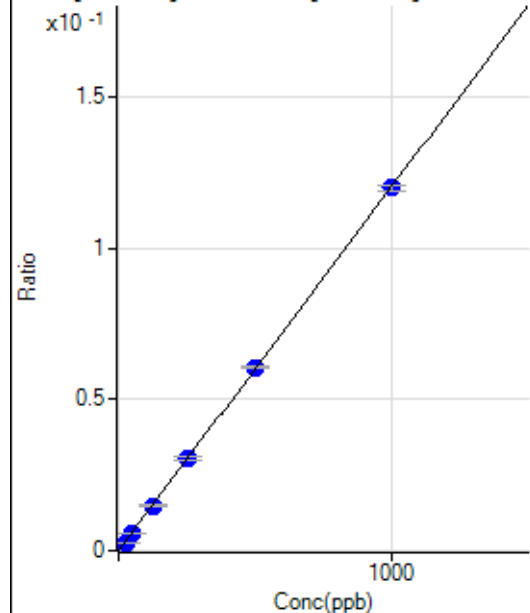
$$R = 1.0000$$

$$DL = 0.04459$$

$$BEC = 0.04412$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0000	P	132.
2	☐	2.500					
3	☐	25.000	21.556	950.07	0.0026	P	6.6
4	☐	50.000	48.957	2180.79	0.0059	P	1.6
5	☐	125.000	123.418	5395.61	0.0149	P	2.9
6	☐	250.000	254.992	11010.02	0.0307	P	3.3
7	☐	500.000	503.451	21666.36	0.0606	P	0.8
8	☐	1000.000	997.363	41538.99	0.1200	P	1.7
9	☐			719.49	0.0022	P	5.9

$$y = 1.2027E-004 * x + 4.6341E-005$$

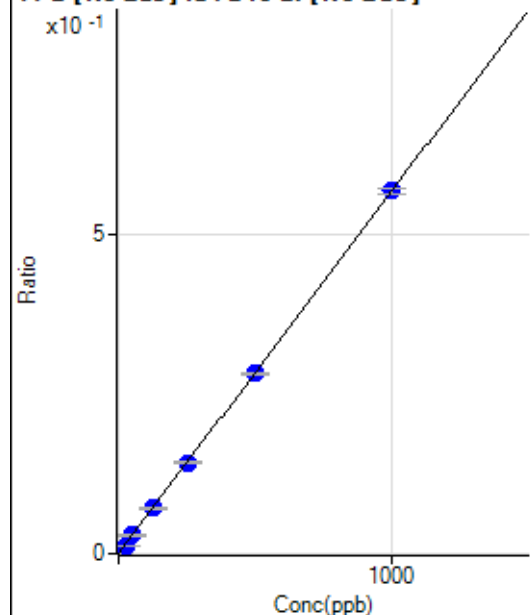
$$R = 1.0000$$

$$DL = 1.531$$

$$BEC = 0.3853$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	172.23	0.0005	P	15.5
2	☐	2.500					
3	☐	25.000	20.545	4356.37	0.0121	P	2.4
4	☐	50.000	49.983	10565.24	0.0288	P	4.7
5	☐	125.000	124.882	25772.95	0.0711	P	1.8
6	☐	250.000	249.479	50761.79	0.1416	P	2.1
7	☐	500.000	497.278	100752.08	0.2818	P	0.9
8	☐	1000.000	1001.618	196304.50	0.5671	P	1.3
9	☐			3742.30	0.0116	P	12.4

$$y = 5.6569\text{E-}004 * x + 4.7923\text{E-}004$$

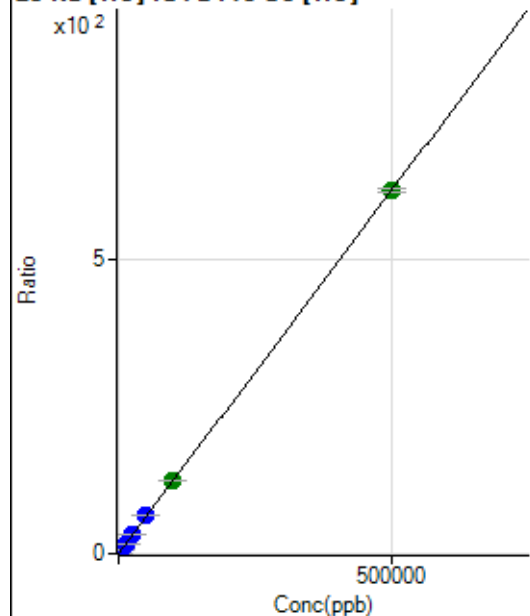
$$R = 1.0000$$

$$DL = 0.3941$$

$$BEC = 0.8472$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6540.59	0.1132	P	3.0
2	☐	50.000					
3	☐	500.000	466.931	40282.67	0.6893	P	1.3
4	☐	5000.000	5216.615	387455.75	6.5498	P	0.7
5	☐	12500.000	13194.353	968295.94	16.3934	P	0.4
6	☐	25000.000	26119.233	1947254.93	32.3411	P	0.7
7	☐	50000.000	52778.974	3965350.13	65.2360	P	0.4
8	☐	100000.00	100418.40	7747332.90	124.0173	A	1.1
9	☐	500000.00	499562.96	38973436.98	616.5133	A	1.1

$$y = 0.0012 * x + 0.1132$$

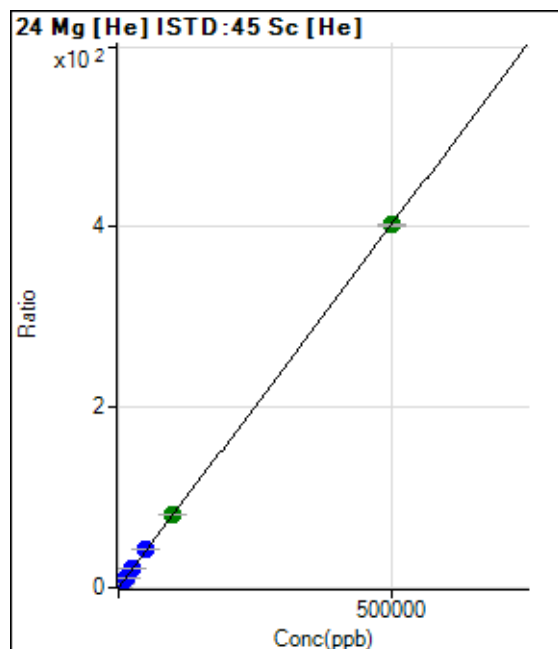
$$R = 1.0000$$

$$DL = 8.271$$

$$BEC = 91.71$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.44	0.0008	P	75.6
2	☐	50.000					
3	☐	500.000	468.851	22117.06	0.3784	P	1.8
4	☐	5000.000	5153.440	245607.42	4.1518	P	0.1
5	☐	12500.000	13077.317	622222.92	10.5345	P	0.5
6	☐	25000.000	25890.938	1255693.66	20.8558	P	1.0
7	☐	50000.000	51890.546	2540719.59	41.7984	P	0.2
8	☐	100000.00	100599.91	5062188.74	81.0335	A	0.8
9	☐	500000.00	499630.48	25442601.78	402.4508	A	0.4

$$y = 8.0550\text{E-}004 * x + 7.6720\text{E-}004$$

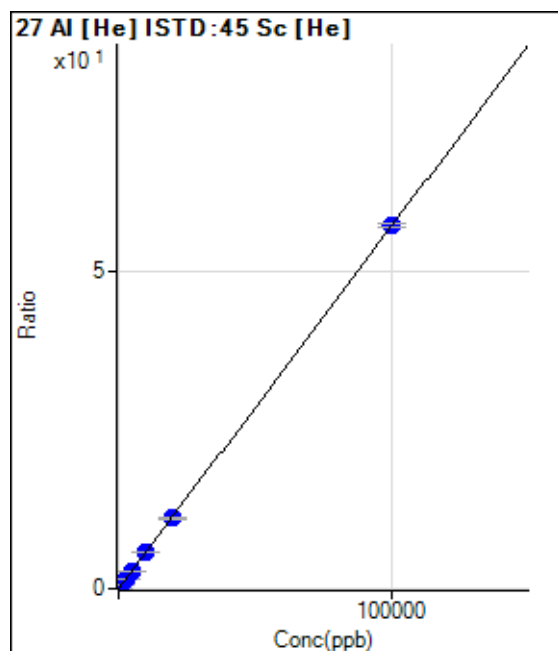
$$R = 1.0000$$

$$DL = 2.161$$

$$BEC = 0.9525$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52.78	0.0009	P	65.5
2	☐	2.000					
3	☐	20.000	19.361	700.05	0.0120	P	14.5
4	☐	1000.000	972.431	32914.79	0.5565	P	2.9
5	☐	2500.000	2447.854	82659.09	1.3994	P	1.4
6	☐	5000.000	4913.652	169082.60	2.8082	P	0.8
7	☐	10000.000	9925.109	344734.84	5.6714	P	0.7
8	☐	20000.000	19474.291	695103.29	11.1272	P	1.3
9	☐	100000.00	100118.52	3616086.37	57.2018	P	1.2

$$y = 5.7133\text{E-}004 * x + 9.1240\text{E-}004$$

$$R = 1.0000$$

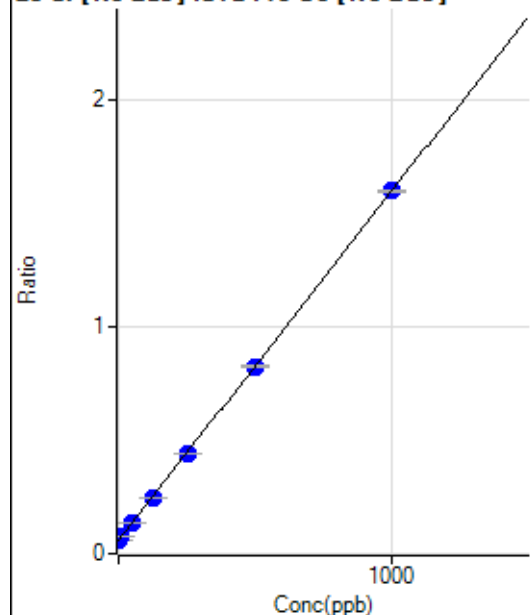
$$DL = 3.136$$

$$BEC = 1.597$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36406.68	0.0588	P	0.8
2	☐	1.000					
3	☐	10.000	13.287	50990.65	0.0793	P	1.1
4	☐	50.000	48.524	89425.81	0.1335	P	1.4
5	☐	125.000	123.419	163724.20	0.2487	P	0.8
6	☐	250.000	250.487	285675.13	0.4442	P	0.2
7	☐	500.000	498.049	537622.74	0.8250	P	0.5
8	☐	1000.000	1001.092	1021163.24	1.5988	P	0.7
9	☐			47443.27	0.0783	P	0.9

$$y = 0.0015 * x + 0.0588$$

$$R = 1.0000$$

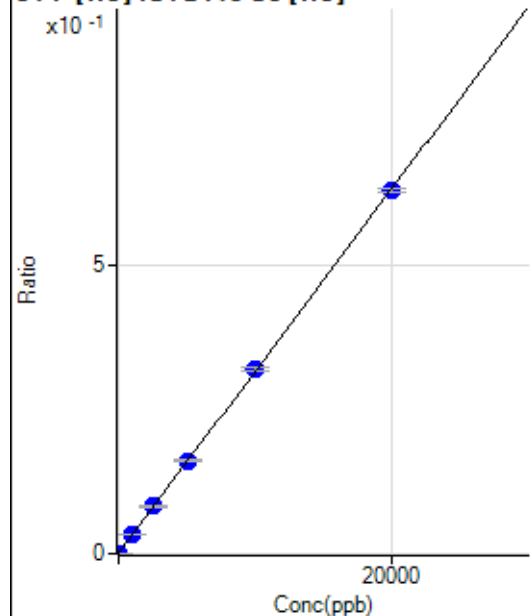
$$DL = 0.8946$$

$$BEC = 38.25$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-1.422	27.78	0.0005	P	69.1
2	☐	0.000					
3	☐	0.000	1.422	33.33	0.0006	P	49.8
4	☐	1000.000	1056.547	2005.79	0.0339	P	6.6
5	☐	2500.000	2573.329	4831.55	0.0818	P	4.3
6	☐	5000.000	5064.534	9664.60	0.1605	P	2.6
7	☐	10000.000	10129.773	19482.85	0.3205	P	1.3
8	☐	20000.000	19906.987	39316.66	0.6294	P	1.1
9	☐			52.78	0.0008	P	9.6

$$y = 3.1589E-005 * x + 5.2515E-004$$

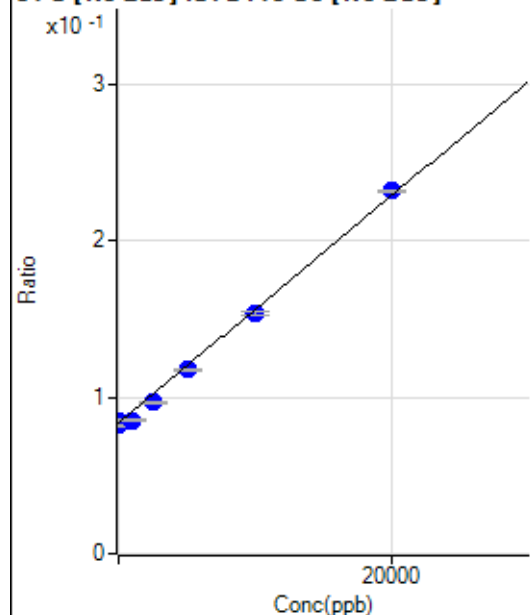
$$R = 1.0000$$

$$DL = 29.22$$

$$BEC = 16.62$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	190.833	52585.95	0.0850	P	0.3
2	☐	0.000					
3	☐	0.000	-190.833	52878.36	0.0822	P	1.6
4	☐	1000.000	177.201	56868.28	0.0849	P	1.8
5	☐	2500.000	1808.094	63678.90	0.0967	P	0.7
6	☐	5000.000	4691.185	75675.87	0.1177	P	1.3
7	☐	10000.000	9618.175	99984.74	0.1534	P	0.9
8	☐	20000.000	20395.745	147975.40	0.2317	P	0.6
9	☐			54263.67	0.0896	P	1.9

$$y = 7.2607\text{E-}006 * x + 0.0836$$

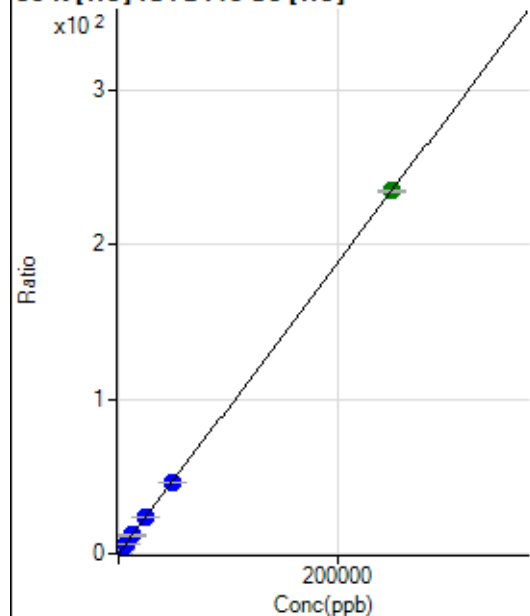
$$R = 0.9988$$

$$DL = 322.4$$

$$BEC = 1.151\text{E}+04$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	10201.18	0.1765	P	1.8
2	☐	50.000					
3	☐	500.000	439.022	34365.83	0.5880	P	1.0
4	☐	2500.000	2437.437	145600.21	2.4613	P	0.5
5	☐	6250.000	6223.418	354989.83	6.0101	P	0.4
6	☐	12500.000	12451.813	713385.64	11.8484	P	0.7
7	☐	25000.000	25037.535	1437301.96	23.6458	P	0.6
8	☐	50000.000	48920.069	2875605.51	46.0325	P	1.1
9	☐	250000.00	250216.05	14838580.02	234.7204	A	0.6

$$y = 9.3737\text{E-}004 * x + 0.1765$$

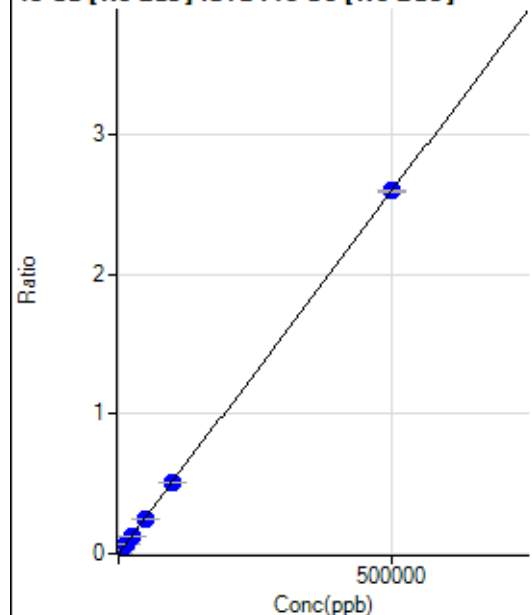
$$R = 1.0000$$

$$DL = 10.19$$

$$BEC = 188.3$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	127.78	0.0002	P	26.2
2	☐	50.000					
3	☐	500.000	413.363	1511.26	0.0023	P	15.2
4	☐	5000.000	4952.762	17330.35	0.0259	P	2.6
5	☐	12500.000	12392.128	42403.71	0.0644	P	0.9
6	☐	25000.000	24655.116	82288.12	0.1279	P	1.8
7	☐	50000.000	48687.224	164518.48	0.2525	P	0.6
8	☐	100000.00	97393.487	322420.67	0.5048	P	0.3
9	☐	500000.00	500673.08	1571446.89	2.5942	P	0.4

$$y = 5.1810E-006 * x + 2.0645E-004$$

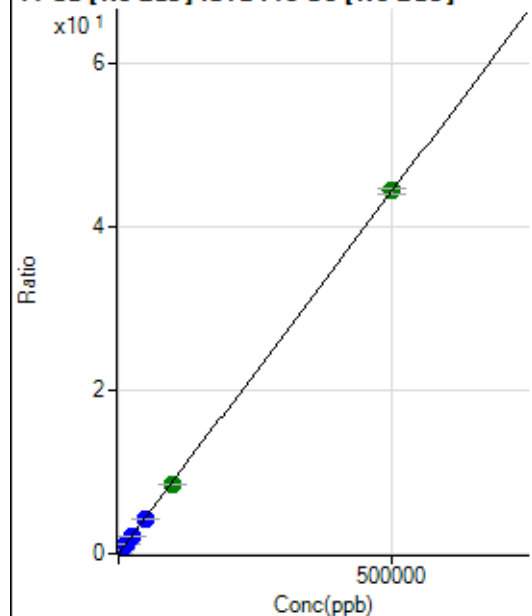
$$R = 1.0000$$

$$DL = 31.36$$

$$BEC = 39.85$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3039.34	0.0049	P	8.5
2	☐	50.000					
3	☐	500.000	420.641	27089.67	0.0421	P	1.6
4	☐	5000.000	4745.661	284474.20	0.4246	P	0.5
5	☐	12500.000	12011.893	702602.97	1.0672	P	0.7
6	☐	25000.000	23827.248	1358454.21	2.1121	P	1.0
7	☐	50000.000	47329.611	2730912.04	4.1907	P	0.1
8	☐	100000.00	95062.596	5372849.47	8.4121	A	1.0
9	☐	500000.00	501327.98	26859161.71	44.3414	A	1.3

$$y = 8.8438E-005 * x + 0.0049$$

$$R = 0.9999$$

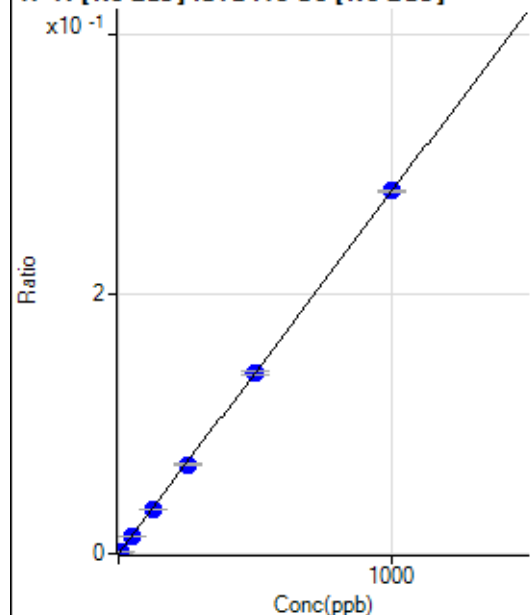
$$DL = 14.15$$

$$BEC = 55.53$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8.33	0.0000	P	99.9
2	☐	0.500					
3	☐	5.000	4.167	755.61	0.0012	P	4.8
4	☐	50.000	49.106	9178.21	0.0137	P	2.1
5	☐	125.000	121.547	22309.32	0.0339	P	3.1
6	☐	250.000	246.846	44256.59	0.0688	P	0.7
7	☐	500.000	498.953	90631.31	0.1391	P	1.2
8	☐	1000.000	1001.792	178335.17	0.2792	P	0.3
9	☐			205.57	0.0003	P	37.0

$$y = 2.7870\text{E-}004 * x + 1.3464\text{E-}005$$

$$R = 1.0000$$

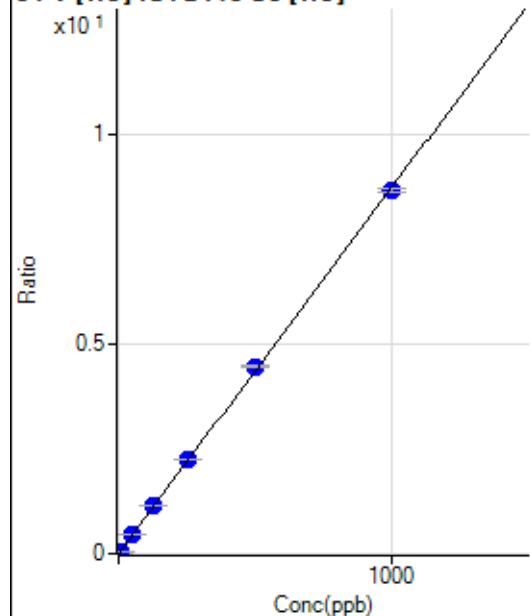
$$DL = 0.1448$$

$$BEC = 0.04831$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3.33	0.0001	P	99.8
2	☐	0.500					
3	☐	5.000	4.345	2214.65	0.0379	P	2.3
4	☐	50.000	51.336	26451.62	0.4472	P	1.4
5	☐	125.000	129.706	66726.86	1.1297	P	0.3
6	☐	250.000	256.346	134431.14	2.2327	P	0.7
7	☐	500.000	512.326	271226.48	4.4621	P	0.4
8	☐	1000.000	991.599	539502.05	8.6362	P	1.0
9	☐			76.67	0.0012	P	29.1

$$y = 0.0087 * x + 5.7646\text{E-}005$$

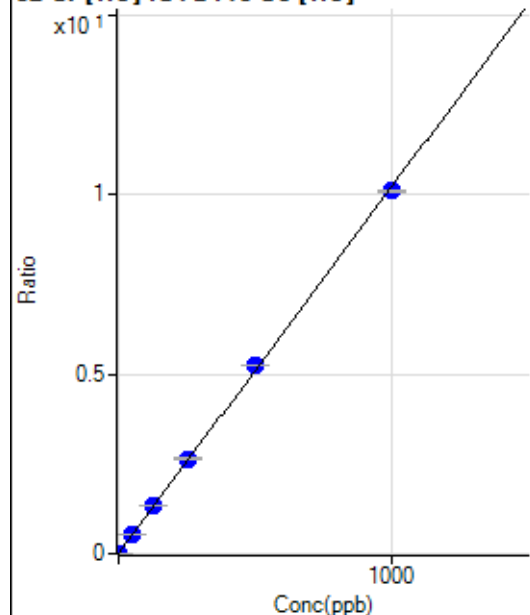
$$R = 0.9999$$

$$DL = 0.01981$$

$$BEC = 0.006619$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	274.45	0.0047	P	14.1
2	☐	0.200					
3	☐	2.000	1.921	1424.53	0.0244	P	5.0
4	☐	50.000	52.842	32215.31	0.5446	P	1.1
5	☐	125.000	130.704	79154.46	1.3401	P	0.4
6	☐	250.000	259.140	159696.59	2.6523	P	0.4
7	☐	500.000	514.335	319703.27	5.2595	P	0.5
8	☐	1000.000	989.693	631953.65	10.1161	P	0.7
9	☐			9409.81	0.1488	P	1.7

$$y = 0.0102 * x + 0.0047$$

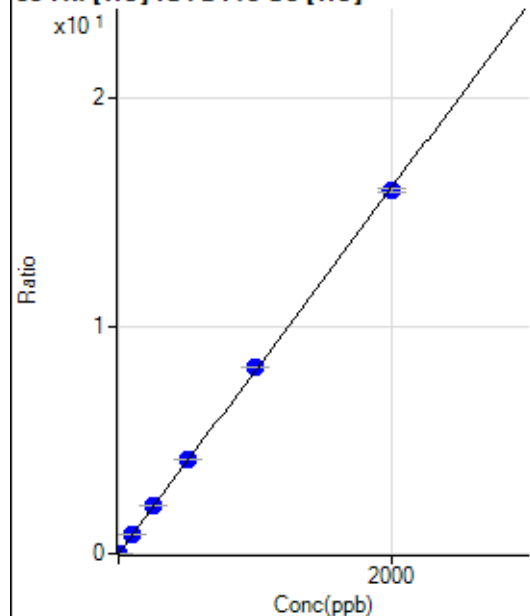
$$R = 0.9998$$

$$DL = 0.1967$$

$$BEC = 0.4646$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	35.56	0.0006	P	29.1
2	☐	0.100					
3	☐	1.000	0.950	482.24	0.0083	P	3.8
4	☐	100.000	103.179	49090.69	0.8299	P	0.9
5	☐	250.000	258.866	122923.91	2.0811	P	0.8
6	☐	500.000	514.157	248828.74	4.1329	P	1.4
7	☐	1000.000	1023.642	500125.67	8.2277	P	0.2
8	☐	2000.000	1983.372	995835.52	15.9411	P	1.0
9	☐			4346.27	0.0688	P	1.9

$$y = 0.0080 * x + 6.1561E-004$$

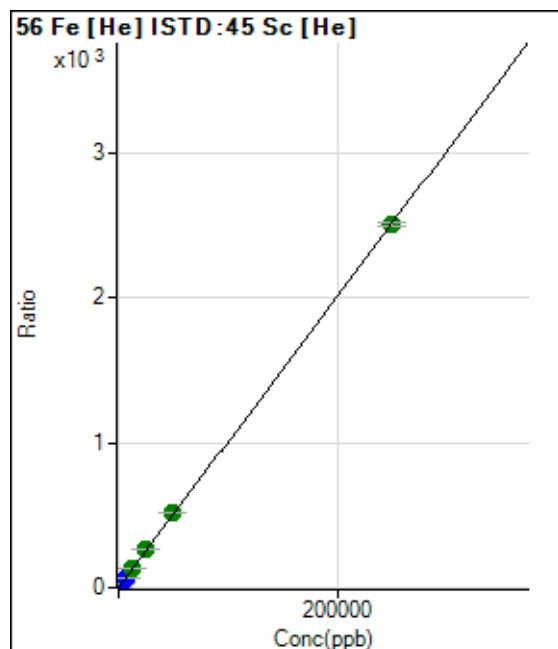
$$R = 0.9999$$

$$DL = 0.06684$$

$$BEC = 0.0766$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1272.32	0.0220	P	1.6
2	☐	5.000					
3	☐	50.000	49.084	30073.97	0.5146	P	1.8
4	☐	2500.000	2754.082	1636202.05	27.6603	P	0.9
5	☐	6250.000	6871.456	4074246.91	68.9797	P	0.7
6	☐	12500.000	13446.969	8125999.31	134.9675	A	1.2
7	☐	25000.000	26830.756	16368060.78	269.2790	A	0.6
8	☐	50000.000	51444.889	32252374.10	516.2913	A	1.0
9	☐	250000.00	249462.52	158263022.0	2,503.474	A	1.1

$$y = 0.0100 * x + 0.0220$$

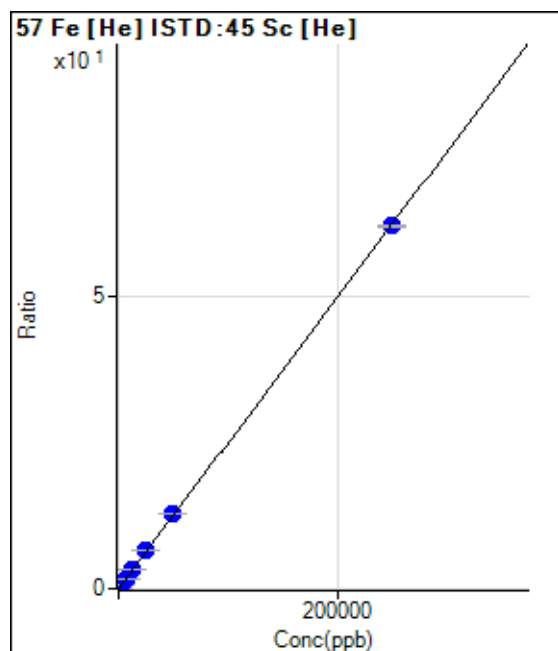
$$R = 1.0000$$

$$DL = 0.1063$$

$$BEC = 2.193$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	59.26	0.0010	P	56.9
2	☐	5.000					
3	☐	50.000	54.606	855.61	0.0146	P	6.1
4	☐	2500.000	2753.519	40660.46	0.6874	P	0.7
5	☐	6250.000	6843.986	100827.46	1.7069	P	1.2
6	☐	12500.000	13529.635	203117.23	3.3734	P	0.3
7	☐	25000.000	26874.308	407237.95	6.6997	P	0.5
8	☐	50000.000	51620.823	803856.18	12.8679	P	0.8
9	☐	250000.00	249419.53	3930294.79	62.1708	P	0.8

$$y = 2.4926E-004 * x + 0.0010$$

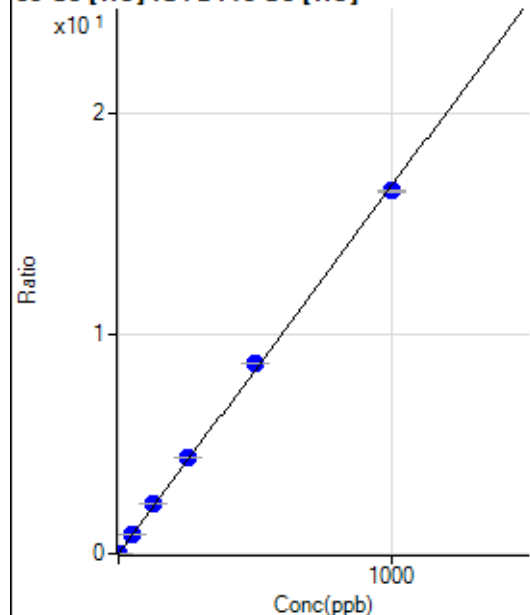
$$R = 1.0000$$

$$DL = 7.034$$

$$BEC = 4.119$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	13.33	0.0002	P	0.4
2	☐	0.100					
3	☐	1.000	0.933	925.60	0.0158	P	6.7
4	☐	50.000	53.624	53081.44	0.8973	P	1.3
5	☐	125.000	134.027	132452.20	2.2424	P	0.3
6	☐	250.000	261.209	263115.65	4.3701	P	1.1
7	☐	500.000	517.885	526656.25	8.6642	P	0.5
8	☐	1000.000	986.946	1031463.26	16.5113	P	0.8
9	☐			1284.52	0.0203	P	4.4

$$y = 0.0167 * x + 2.3061E-004$$

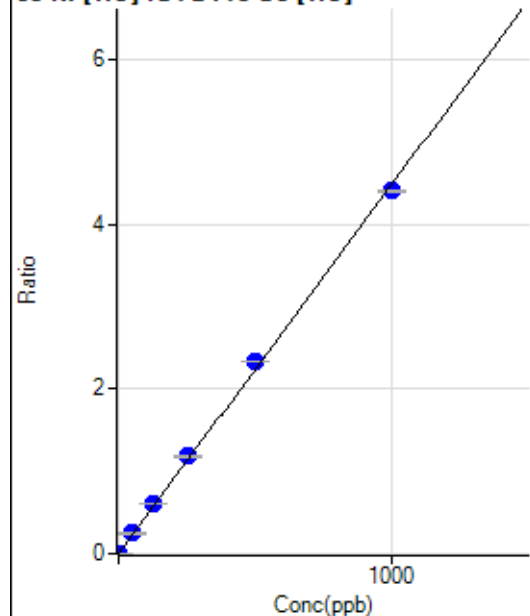
$$R = 0.9997$$

$$DL = 0.000185$$

$$BEC = 0.01378$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	21.11	0.0004	P	36.3
2	☐	0.100					
3	☐	1.000	1.067	301.12	0.0052	P	12.9
4	☐	50.000	55.116	14638.60	0.2475	P	1.7
5	☐	125.000	134.811	35720.31	0.6048	P	1.5
6	☐	250.000	263.292	71097.93	1.1808	P	0.7
7	☐	500.000	522.901	142527.11	2.3448	P	0.2
8	☐	1000.000	983.744	275555.34	4.4109	P	0.6
9	☐			2838.10	0.0449	P	7.0

$$y = 0.0045 * x + 3.6511E-004$$

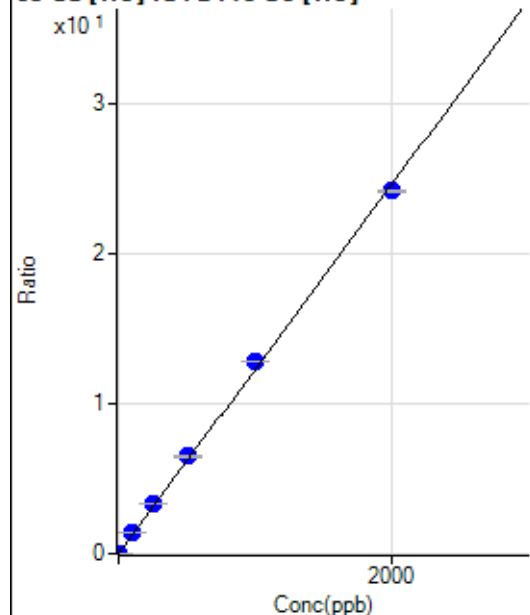
$$R = 0.9995$$

$$DL = 0.08858$$

$$BEC = 0.08143$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	124.45	0.0022	P	5.8
2	☐	0.200					
3	☐	2.000	2.029	1583.45	0.0271	P	4.9
4	☐	100.000	110.315	80315.63	1.3577	P	1.1
5	☐	250.000	273.907	198933.52	3.3679	P	0.6
6	☐	500.000	527.401	390322.74	6.4828	P	0.9
7	☐	1000.000	1045.330	780913.28	12.8471	P	0.4
8	☐	2000.000	1966.981	1510046.57	24.1722	P	0.7
9	☐			1899.05	0.0300	P	4.0

$$y = 0.0123 * x + 0.0022$$

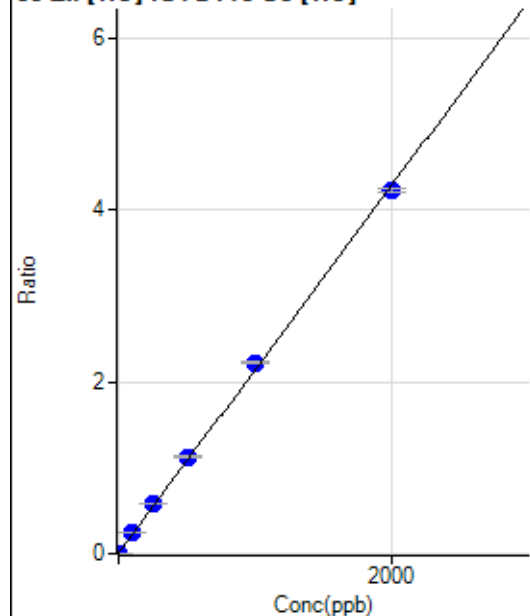
$$R = 0.9995$$

$$DL = 0.03024$$

$$BEC = 0.1752$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	223.34	0.0039	P	11.1
2	☐	0.200					
3	☐	2.000	2.128	492.24	0.0084	P	2.3
4	☐	100.000	109.438	14092.56	0.2382	P	0.1
5	☐	250.000	270.634	34460.79	0.5834	P	1.3
6	☐	500.000	524.756	67892.53	1.1276	P	0.9
7	☐	1000.000	1037.691	135311.92	2.2261	P	0.5
8	☐	2000.000	1971.914	264036.50	4.2267	P	1.1
9	☐			653.36	0.0103	P	11.8

$$y = 0.0021 * x + 0.0039$$

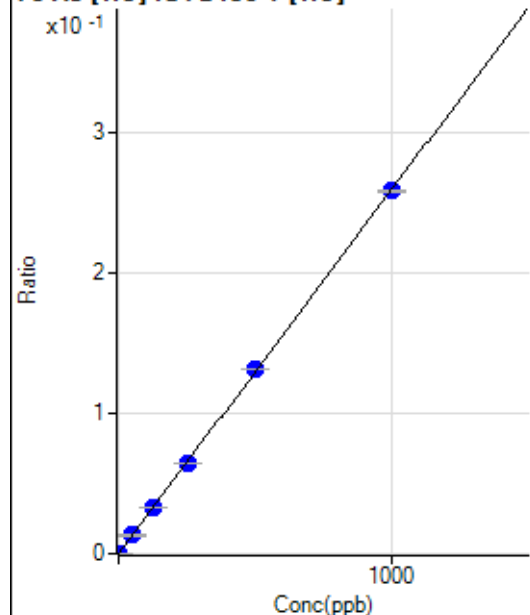
$$R = 0.9996$$

$$DL = 0.6021$$

$$BEC = 1.805$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1.23	0.0000	P	173.
2	☐	0.100					
3	☐	1.000	0.816	83.33	0.0002	P	11.1
4	☐	50.000	50.215	5121.32	0.0130	P	0.9
5	☐	125.000	127.102	12922.49	0.0330	P	0.6
6	☐	250.000	249.600	25382.67	0.0648	P	0.4
7	☐	500.000	505.721	52154.15	0.1312	P	0.2
8	☐	1000.000	996.966	102400.81	0.2587	P	0.6
9	☐			65.43	0.0002	P	19.2

$$y = 2.5948\text{E-}004 * x + 3.2970\text{E-}006$$

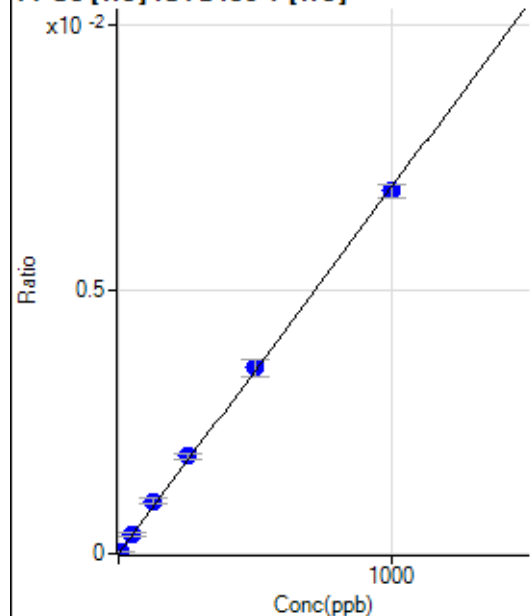
$$R = 1.0000$$

$$DL = 0.06602$$

$$BEC = 0.01271$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	4.957	13.33	0.0000	P	89.9
4	☐	50.000	50.098	136.67	0.0003	P	21.1
5	☐	125.000	143.902	391.12	0.0010	P	11.8
6	☐	250.000	265.584	722.25	0.0018	P	6.2
7	☐	500.000	507.127	1398.99	0.0035	P	8.6
8	☐	1000.000	990.173	2720.30	0.0069	P	3.5
9	☐			2.22	0.0000	P	86.6

$$y = 6.9407\text{E-}006 * x + 0.0000\text{E+}000$$

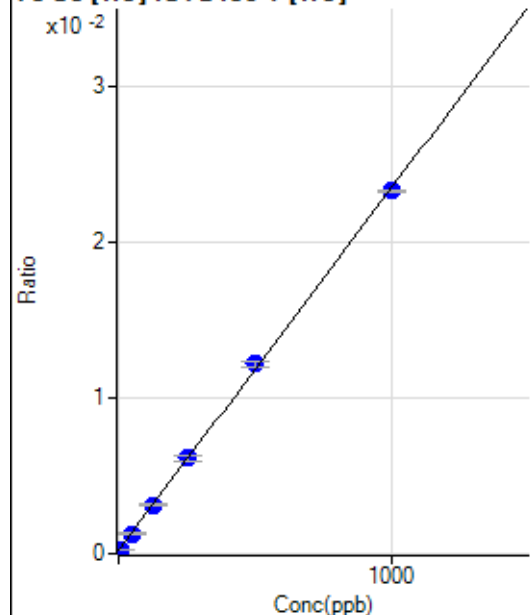
$$R = 0.9997$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	82.10	0.0002	P	8.2
2	☐	0.500					
3	☐	5.000	2.355	106.18	0.0003	P	15.3
4	☐	50.000	44.933	497.54	0.0013	P	9.4
5	☐	125.000	125.595	1232.16	0.0031	P	4.5
6	☐	250.000	253.887	2404.54	0.0061	P	4.8
7	☐	500.000	514.811	4854.56	0.0122	P	3.1
8	☐	1000.000	991.815	9234.49	0.0233	P	0.9
9	☐			125.31	0.0003	P	9.8

$$y = 2.3301\text{E-}005 * x + 2.1902\text{E-}004$$

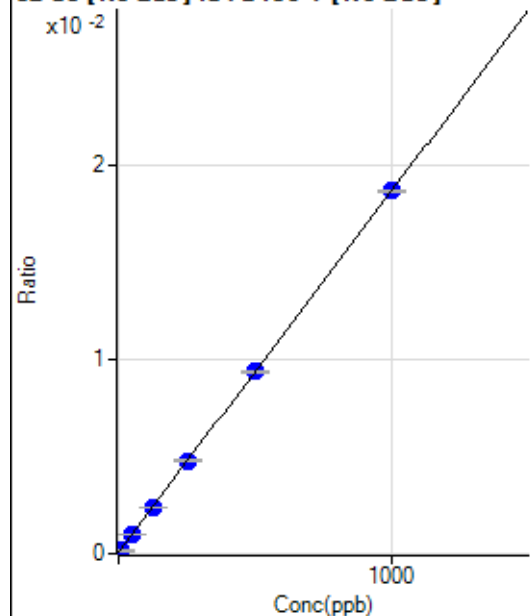
$$R = 0.9998$$

$$DL = 2.314$$

$$BEC = 9.4$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	69.53	0.0001	P	28.7
2	☐	0.500					
3	☐	5.000	4.012	147.70	0.0002	P	9.7
4	☐	50.000	47.733	1007.62	0.0010	P	3.5
5	☐	125.000	123.279	2417.80	0.0024	P	1.7
6	☐	250.000	252.873	4666.91	0.0048	P	1.4
7	☐	500.000	498.943	9131.76	0.0094	P	1.7
8	☐	1000.000	1000.144	17664.17	0.0187	P	0.5
9	☐			63.27	0.0001	P	20.5

$$y = 1.8640\text{E-}005 * x + 7.5670\text{E-}005$$

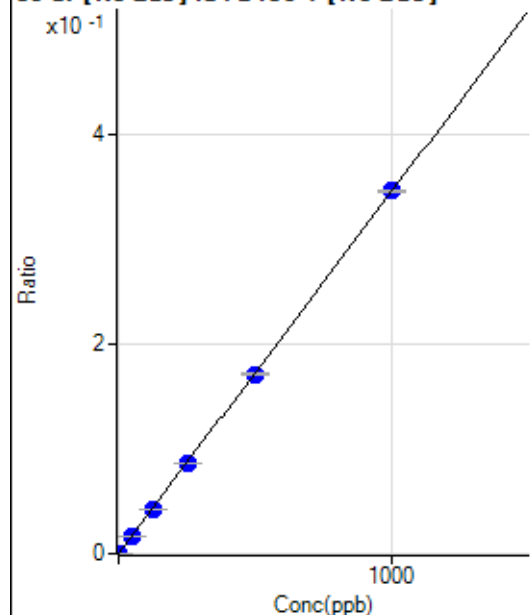
$$R = 1.0000$$

$$DL = 3.492$$

$$BEC = 4.06$$

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	91.67	0.0001	P	31.6
2	☐	0.100					
3	☐	1.000	0.975	427.80	0.0004	P	6.7
4	☐	50.000	49.309	17845.13	0.0171	P	1.3
5	☐	125.000	123.332	43408.92	0.0426	P	1.1
6	☐	250.000	249.361	83856.93	0.0861	P	1.4
7	☐	500.000	496.094	166697.96	0.1711	P	0.9
8	☐	1000.000	1002.356	326163.73	0.3456	P	0.8
9	☐			10523.74	0.0121	P	2.6

$$y = 3.4474\text{E-}004 * x + 9.9800\text{E-}005$$

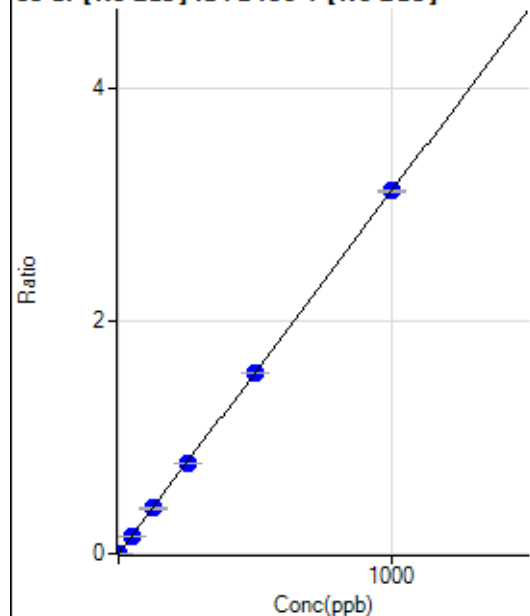
$$R = 1.0000$$

$$DL = 0.2741$$

$$BEC = 0.2895$$

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	97.23	0.0001	P	30.0
2	☐	0.100					
3	☐	1.000	0.894	2836.53	0.0029	P	5.3
4	☐	50.000	49.764	161940.86	0.1552	P	1.7
5	☐	125.000	124.725	395943.66	0.3887	P	0.7
6	☐	250.000	250.019	759143.43	0.7791	P	0.7
7	☐	500.000	498.202	1512098.99	1.5524	P	0.8
8	☐	1000.000	1000.941	2943147.57	3.1188	P	0.4
9	☐			94954.42	0.1088	P	0.9

$$y = 0.0031 * x + 1.0582\text{E-}004$$

$$R = 1.0000$$

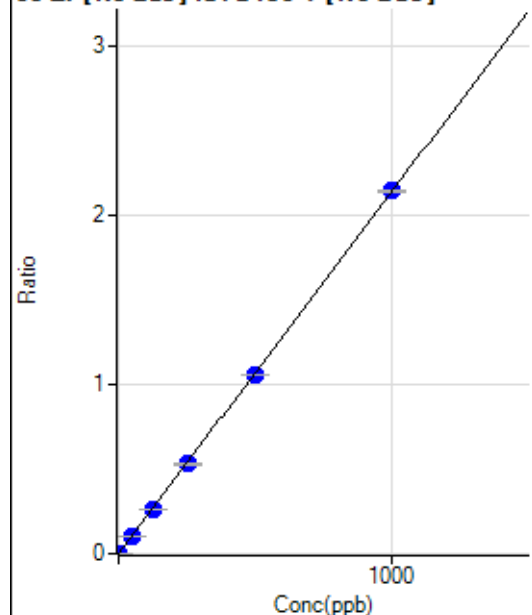
$$DL = 0.03061$$

$$BEC = 0.03396$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	69.45	0.0001	P	25.2
2	☐	0.100					
3	☐	1.000	0.831	1816.87	0.0019	P	3.7
4	☐	50.000	48.644	108623.29	0.1041	P	1.2
5	☐	125.000	123.651	269359.75	0.2644	P	0.7
6	☐	250.000	247.478	515638.91	0.5292	P	0.5
7	☐	500.000	494.920	1030819.31	1.0582	P	0.3
8	☐	1000.000	1003.407	2024592.32	2.1454	P	0.6
9	☐			480.59	0.0006	P	12.4

$$y = 0.0021 * x + 7.5627E-005$$

$$R = 1.0000$$

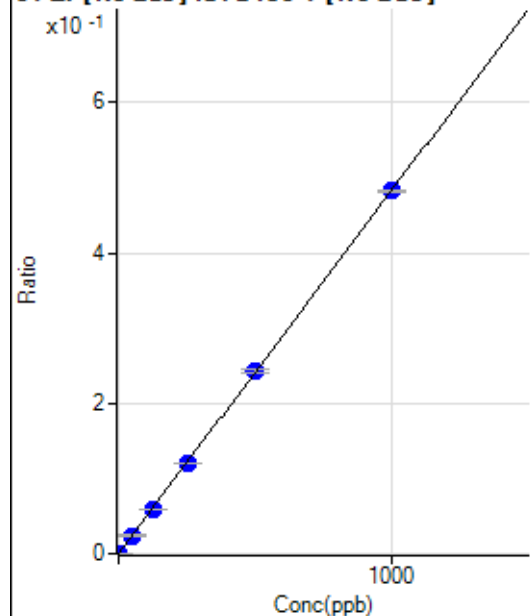
$$DL = 0.02672$$

$$BEC = 0.03537$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13.89	0.0000	P	91.7
2	☐	0.100					
3	☐	1.000	0.871	427.81	0.0004	P	13.4
4	☐	50.000	49.622	25028.49	0.0240	P	3.0
5	☐	125.000	122.739	60395.57	0.0593	P	1.0
6	☐	250.000	249.192	117281.16	0.1204	P	1.2
7	☐	500.000	502.242	236255.75	0.2426	P	1.9
8	☐	1000.000	999.383	455491.55	0.4827	P	0.3
9	☐			83.34	0.0001	P	9.7

$$y = 4.8296E-004 * x + 1.5107E-005$$

$$R = 1.0000$$

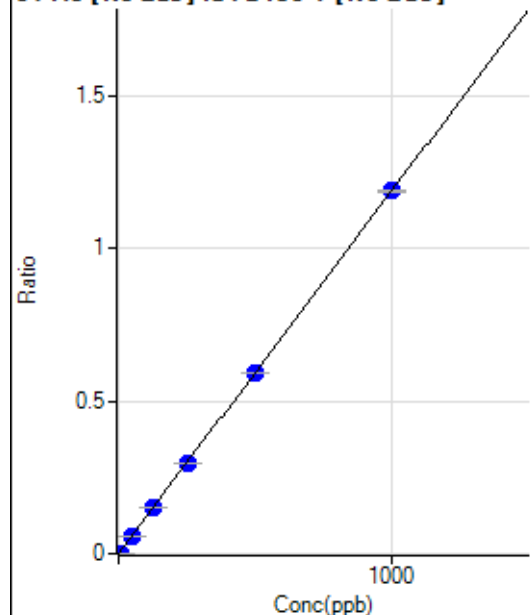
$$DL = 0.08608$$

$$BEC = 0.03128$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0000	P	43.3
2	☐	0.500					
3	☐	5.000	2.050	2414.20	0.0025	P	4.4
4	☐	50.000	49.226	61088.02	0.0585	P	0.6
5	☐	125.000	125.308	151726.02	0.1490	P	0.6
6	☐	250.000	249.540	289006.30	0.2966	P	1.0
7	☐	500.000	498.603	577259.72	0.5926	P	0.7
8	☐	1000.000	1000.828	1122521.93	1.1896	P	0.4
9	☐			1008.41	0.0012	P	10.0

$$y = 0.0012 * x + 2.4195E-005$$

$$R = 1.0000$$

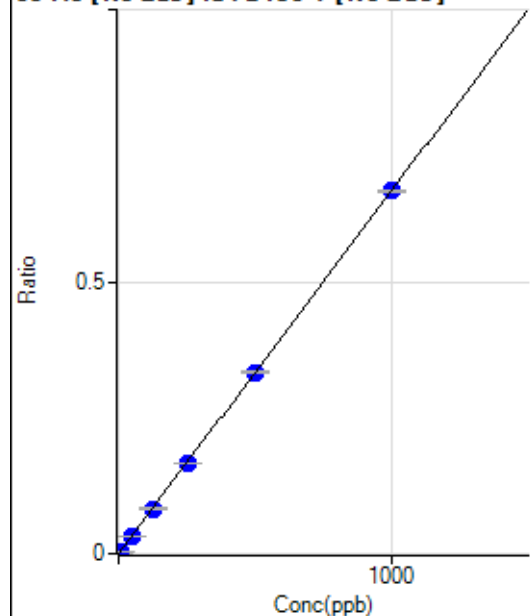
$$DL = 0.02647$$

$$BEC = 0.02036$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5.56	0.0000	P	173.
2	☐	0.500					
3	☐	5.000	4.426	2905.99	0.0030	P	5.6
4	☐	50.000	48.656	33922.22	0.0325	P	1.3
5	☐	125.000	124.448	84667.19	0.0831	P	1.1
6	☐	250.000	250.009	162704.19	0.1670	P	0.6
7	☐	500.000	500.410	325561.62	0.3342	P	1.1
8	☐	1000.000	999.932	630224.29	0.6678	P	0.3
9	☐			1794.64	0.0021	P	7.1

$$y = 6.6788E-004 * x + 6.0526E-006$$

$$R = 1.0000$$

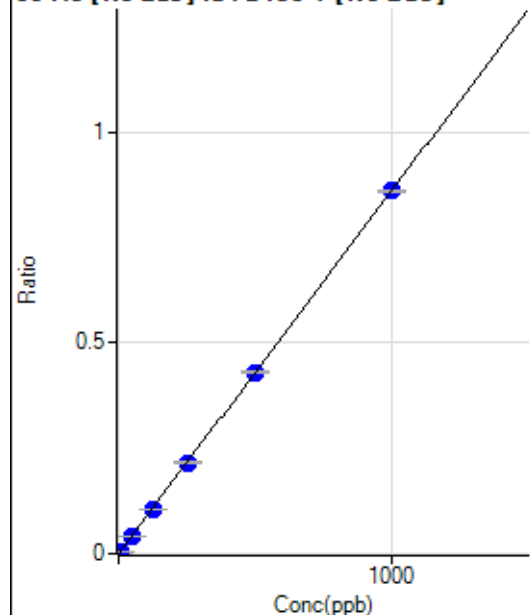
$$DL = 0.04709$$

$$BEC = 0.009062$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0000	P	114.
2	☐	0.500					
3	☐	5.000	3.831	3244.96	0.0033	P	5.4
4	☐	50.000	48.673	43696.36	0.0419	P	2.1
5	☐	125.000	123.544	108223.73	0.1062	P	1.0
6	☐	250.000	251.403	210654.30	0.2162	P	1.0
7	☐	500.000	499.347	418257.11	0.4294	P	0.8
8	☐	1000.000	1000.230	811654.50	0.8601	P	0.4
9	☐			2372.53	0.0027	P	9.4

$$y = 8.5991\text{E-}004 * x + 1.2119\text{E-}005$$

$$R = 1.0000$$

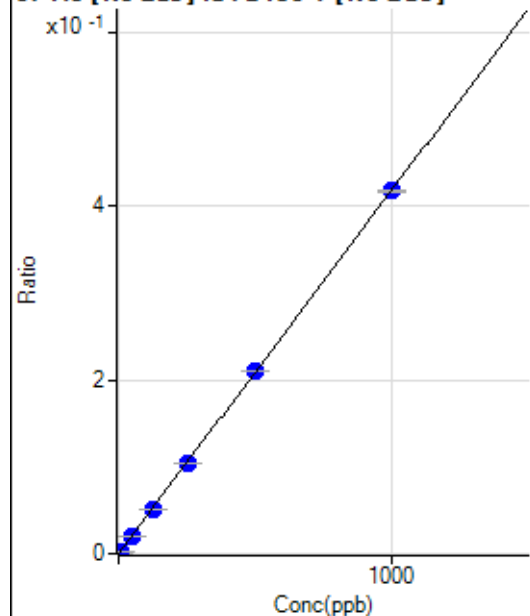
$$DL = 0.04847$$

$$BEC = 0.01409$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.78	0.0000	P	173.
2	☐	0.500					
3	☐	5.000	4.316	1775.19	0.0018	P	6.3
4	☐	50.000	48.749	21291.90	0.0204	P	0.4
5	☐	125.000	123.360	52578.67	0.0516	P	1.2
6	☐	250.000	248.029	101123.42	0.1038	P	0.9
7	☐	500.000	503.302	205133.83	0.2106	P	0.9
8	☐	1000.000	999.113	394489.44	0.4181	P	0.8
9	☐			1205.66	0.0014	P	9.4

$$y = 4.1842\text{E-}004 * x + 3.0130\text{E-}006$$

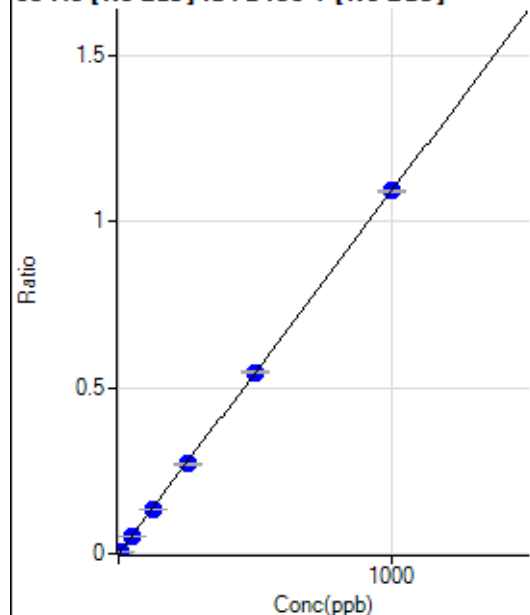
$$R = 1.0000$$

$$DL = 0.03742$$

$$BEC = 0.007201$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.89	0.0000	P	91.7
2	☐	0.500					
3	☐	5.000	4.224	4539.82	0.0046	P	2.5
4	☐	50.000	48.560	55342.74	0.0530	P	1.0
5	☐	125.000	123.277	137094.50	0.1346	P	0.8
6	☐	250.000	247.236	262992.00	0.2699	P	1.2
7	☐	500.000	500.062	531725.92	0.5459	P	1.1
8	☐	1000.000	1000.951	1031153.08	1.0927	P	0.6
9	☐			2750.38	0.0032	P	5.1

$$y = 0.0011 * x + 1.5147E-005$$

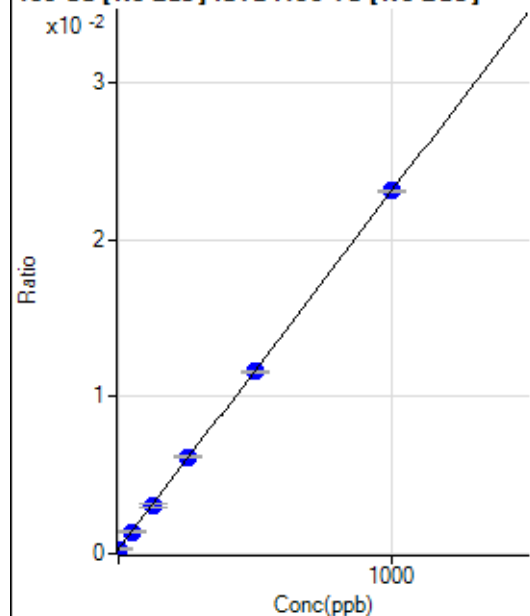
$$R = 1.0000$$

$$DL = 0.03817$$

$$BEC = 0.01387$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	411.14	0.0003	P	13.1
2	☐	0.100					
3	☐	1.000	0.768	466.70	0.0003	P	10.3
4	☐	50.000	48.341	2316.97	0.0014	P	4.5
5	☐	125.000	121.937	4992.78	0.0031	P	5.5
6	☐	250.000	256.595	9467.43	0.0061	P	1.7
7	☐	500.000	495.778	17820.13	0.0116	P	1.0
8	☐	1000.000	1000.928	34412.39	0.0231	P	0.2
9	☐			419.47	0.0003	P	7.6

$$y = 2.2784E-005 * x + 2.8146E-004$$

$$R = 1.0000$$

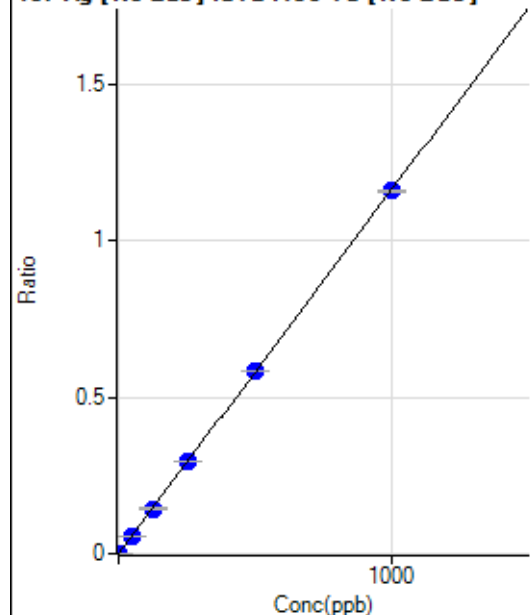
$$DL = 4.851$$

$$BEC = 12.35$$

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	13.89	0.0000	P	34.7
2	☐	0.100					
3	☐	1.000	0.955	1750.19	0.0011	P	6.7
4	☐	50.000	49.817	97089.21	0.0579	P	1.3
5	☐	125.000	124.096	235534.78	0.1443	P	0.6
6	☐	250.000	252.490	453695.28	0.2936	P	1.0
7	☐	500.000	504.162	902539.79	0.5863	P	0.2
8	☐	1000.000	997.419	1729036.75	1.1600	P	0.3
9	☐			255.57	0.0002	P	2.5

$$y = 0.0012 * x + 9.5105E-006$$

$$R = 1.0000$$

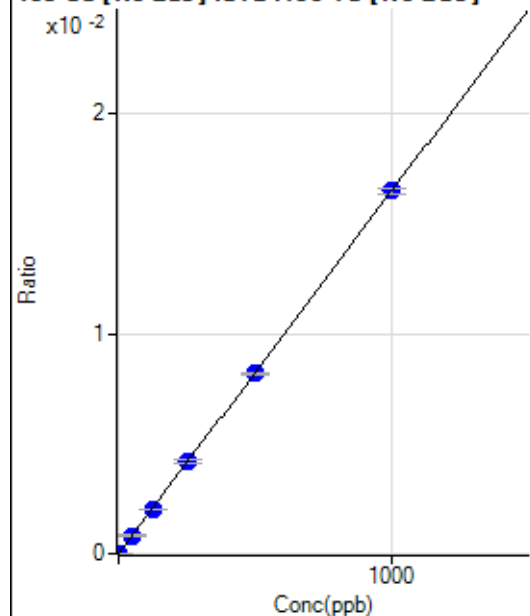
$$DL = 0.008522$$

$$BEC = 0.008178$$

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	1.39	0.0000	P	173.
2	☐	0.100					
3	☐	1.000	0.643	18.06	0.0000	P	34.5
4	☐	50.000	49.387	1365.37	0.0008	P	5.1
5	☐	125.000	121.730	3275.46	0.0020	P	1.0
6	☐	250.000	254.424	6479.40	0.0042	P	3.3
7	☐	500.000	497.180	12614.16	0.0082	P	1.1
8	☐	1000.000	1000.744	24585.62	0.0165	P	1.8
9	☐			16.67	0.0000	P	0.9

$$y = 1.6480E-005 * x + 9.5296E-007$$

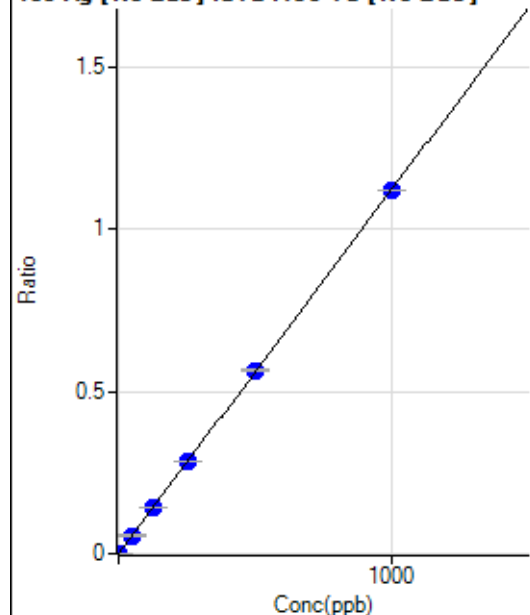
$$R = 1.0000$$

$$DL = 0.3005$$

$$BEC = 0.05783$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.78	0.0000	P	173.
2	☐	0.100					
3	☐	1.000	0.914	1600.16	0.0010	P	8.8
4	☐	50.000	50.014	93830.98	0.0560	P	1.0
5	☐	125.000	124.780	228000.02	0.1397	P	0.3
6	☐	250.000	254.192	439723.69	0.2846	P	0.3
7	☐	500.000	503.762	868204.94	0.5640	P	0.4
8	☐	1000.000	997.098	1664058.52	1.1164	P	0.1
9	☐			208.35	0.0002	P	3.3

$$y = 0.0011 * x + 1.9000E-006$$

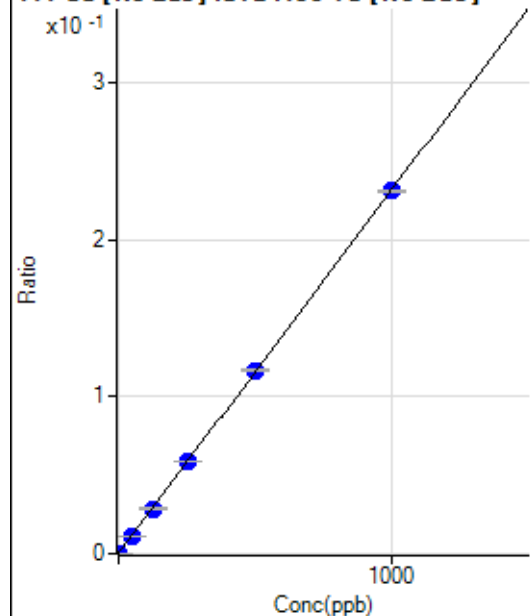
$$R = 1.0000$$

$$DL = 0.008818$$

$$BEC = 0.001697$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	290.99	0.0002	P	12.6
2	☐	0.100					
3	☐	1.000	0.897	634.90	0.0004	P	7.0
4	☐	50.000	48.921	19296.84	0.0115	P	1.3
5	☐	125.000	123.191	46831.69	0.0287	P	2.8
6	☐	250.000	253.125	90781.79	0.0588	P	0.7
7	☐	500.000	503.226	179500.22	0.1166	P	1.1
8	☐	1000.000	997.886	344393.07	0.2310	P	0.5
9	☐			322.24	0.0002	P	7.4

$$y = 2.3134E-004 * x + 1.9921E-004$$

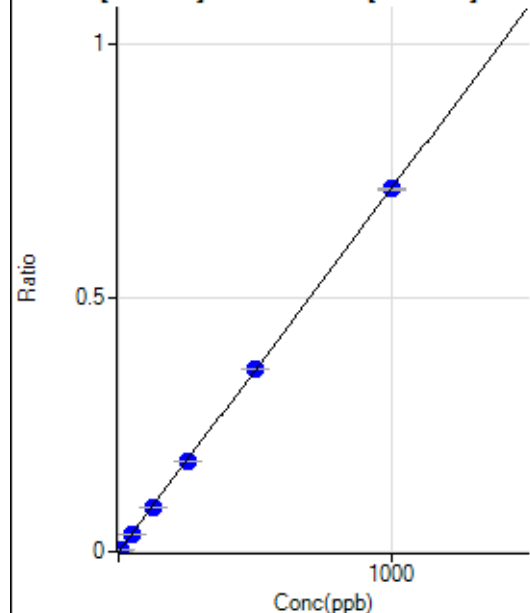
$$R = 1.0000$$

$$DL = 0.3251$$

$$BEC = 0.8611$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	147.23	0.0001	P	8.5
2	☐	0.500					
3	☐	5.000	4.404	5076.15	0.0032	P	2.5
4	☐	50.000	48.247	57962.77	0.0346	P	1.1
5	☐	125.000	122.445	143016.57	0.0876	P	0.9
6	☐	250.000	249.846	276119.12	0.1787	P	0.8
7	☐	500.000	502.869	553548.15	0.3596	P	0.2
8	☐	1000.000	999.014	1064681.13	0.7143	P	0.7
9	☐			1397.36	0.0010	P	10.1

$$y = 7.1489\text{E-}004 * x + 1.0078\text{E-}004$$

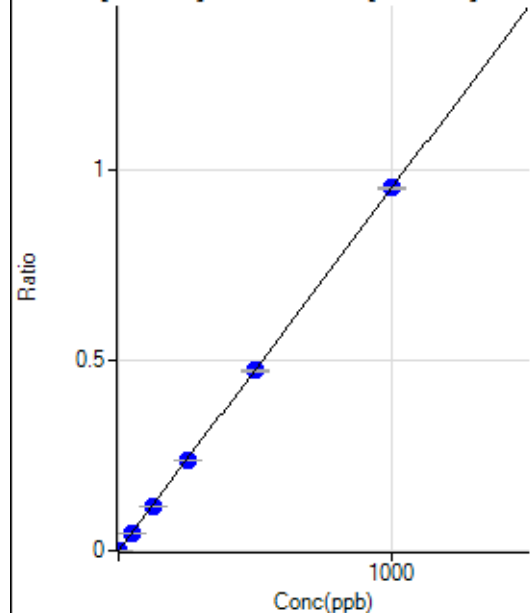
$$R = 1.0000$$

$$DL = 0.03602$$

$$BEC = 0.141$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0000	P	43.5
2	☐	0.200					
3	☐	2.000	1.698	2539.26	0.0016	P	5.3
4	☐	50.000	47.596	76029.60	0.0454	P	1.7
5	☐	125.000	122.295	190254.56	0.1166	P	0.6
6	☐	250.000	248.371	365797.59	0.2368	P	0.9
7	☐	500.000	498.514	731466.91	0.4752	P	1.2
8	☐	1000.000	1001.609	1423150.16	0.9547	P	0.4
9	☐			4220.25	0.0031	P	7.2

$$y = 9.5320\text{E-}004 * x + 7.6083\text{E-}006$$

$$R = 1.0000$$

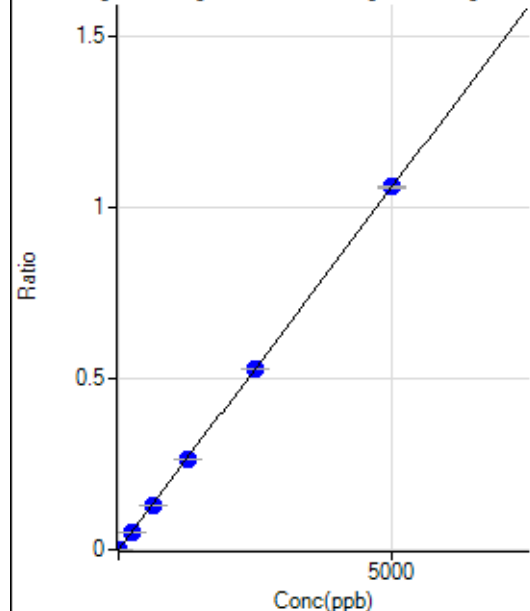
$$DL = 0.01041$$

$$BEC = 0.007982$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.89	0.0000	P	69.2
2	☐	1.000					
3	☐	10.000	8.637	2872.66	0.0018	P	3.4
4	☐	250.000	241.787	85837.83	0.0512	P	1.1
5	☐	625.000	607.018	209867.49	0.1286	P	1.1
6	☐	1250.000	1239.109	405573.29	0.2625	P	0.6
7	☐	2500.000	2490.935	812275.87	0.5277	P	0.2
8	☐	5000.000	5009.916	1581999.86	1.0613	P	0.4
9	☐			469.48	0.0003	P	11.0

$$y = 2.1184\text{E-}004 * x + 9.5020\text{E-}006$$

$$R = 1.0000$$

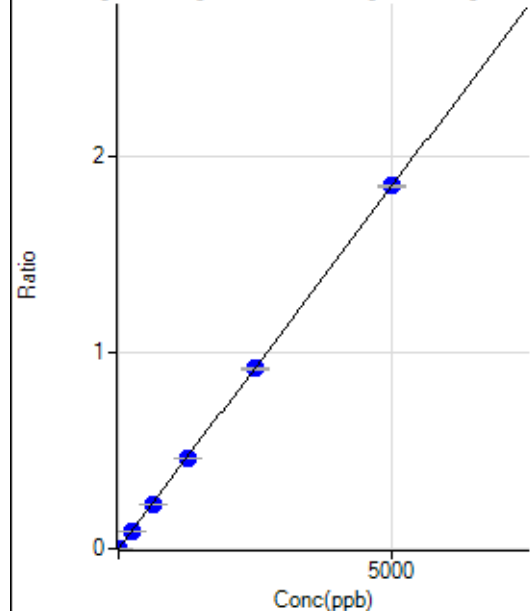
$$DL = 0.09312$$

$$BEC = 0.04485$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.00	0.0000	P	57.6
2	☐	1.000					
3	☐	10.000	8.933	5170.61	0.0033	P	5.2
4	☐	250.000	240.523	148634.45	0.0887	P	0.3
5	☐	625.000	606.566	365035.61	0.2237	P	0.4
6	☐	1250.000	1239.094	705956.03	0.4569	P	0.3
7	☐	2500.000	2493.157	1415092.55	0.9193	P	0.9
8	☐	5000.000	5008.928	2753120.79	1.8470	P	0.2
9	☐			847.29	0.0006	P	12.6

$$y = 3.6873\text{E-}004 * x + 1.7110\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.08021$$

$$BEC = 0.0464$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	100.
2	☐						
3	☐			0.00		P	
4	☐			8.89		P	43.3
5	☐			20.00		P	33.4
6	☐			35.55		P	10.8
7	☐			46.67		P	37.8
8	☐			126.67		P	15.8
9	☐			8.89		P	43.3

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐						
3	☐			1.11		P	173.
4	☐			2.22		P	86.6
5	☐			2.22		P	86.6
6	☐			2.22		P	86.6
7	☐			14.44		P	35.3
8	☐			37.78		P	27.0
9	☐			16.67		P	60.0

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			2.78		P	173.
4	☐			5.56		P	173.
5	☐			11.11		P	86.6
6	☐			11.11		P	43.3
7	☐			13.89		P	91.6
8	☐			22.22		P	78.1
9	☐			11.11		P	173.

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	173.
2	☐						
3	☐			1.11		P	173.
4	☐			3.33		P	100.
5	☐			7.78		P	24.7
6	☐			23.33		P	37.8
7	☐			36.67		P	32.8
8	☐			54.44		P	25.5
9	☐			7.78		P	49.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.56		P	63.0
2	☐						
3	☐			22.22		P	21.6
4	☐			27.78		P	45.8
5	☐			38.89		P	53.9
6	☐			44.45		P	39.0
7	☐			69.45		P	68.2
8	☐			36.11		P	13.3
9	☐			47.22		P	36.7

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			180.01		P	16.0
2	☐						
3	☐			148.89		P	21.3
4	☐			193.34		P	10.8
5	☐			144.45		P	11.6
6	☐			158.89		P	26.2
7	☐			170.00		P	5.2
8	☐			166.67		P	5.3
9	☐			195.56		P	11.3

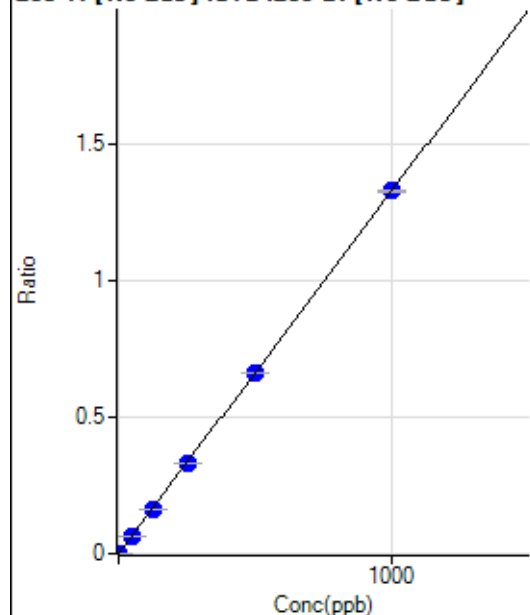
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44.45		P	28.7
2	☐						
3	☐			30.56		P	41.7
4	☐			61.11		P	41.7
5	☐			61.12		P	7.9
6	☐			41.67		P	40.0
7	☐			44.45		P	28.7
8	☐			50.00		P	44.1
9	☐			61.11		P	15.7

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	69.3
2	☐						
3	☐			20.00		P	72.7
4	☐			11.11		P	34.6
5	☐			8.89		P	43.3
6	☐			10.00		P	57.7
7	☐			5.55		P	124.
8	☐			4.44		P	43.4
9	☐			7.78		P	24.7

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.89	0.0000	P	91.7
2	☐	0.100					
3	☐	1.000	0.923	1552.95	0.0012	P	6.6
4	☐	50.000	48.896	86525.78	0.0649	P	0.8
5	☐	125.000	122.440	211075.32	0.1626	P	0.3
6	☐	250.000	248.672	405066.35	0.3301	P	0.9
7	☐	500.000	498.871	802211.37	0.6623	P	0.4
8	☐	1000.000	1001.272	1538979.02	1.3292	P	0.5
9	☐			619.49	0.0006	P	21.1

$$y = 0.0013 * x + 1.1778E-005$$

$$R = 1.0000$$

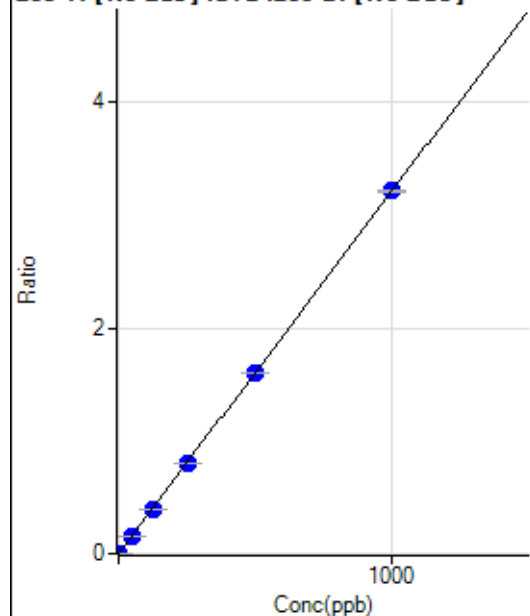
$$DL = 0.02442$$

$$BEC = 0.008872$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0000	P	25.2
2	☐	0.100					
3	☐	1.000	0.904	3678.45	0.0029	P	4.0
4	☐	50.000	49.195	210338.55	0.1578	P	0.7
5	☐	125.000	123.016	512410.54	0.3946	P	0.4
6	☐	250.000	248.596	978433.77	0.7974	P	1.1
7	☐	500.000	497.418	1932664.59	1.5955	P	0.1
8	☐	1000.000	1001.930	3720992.79	3.2138	P	0.7
9	☐			1533.50	0.0015	P	9.0

$$y = 0.0032 * x + 2.8250E-005$$

$$R = 1.0000$$

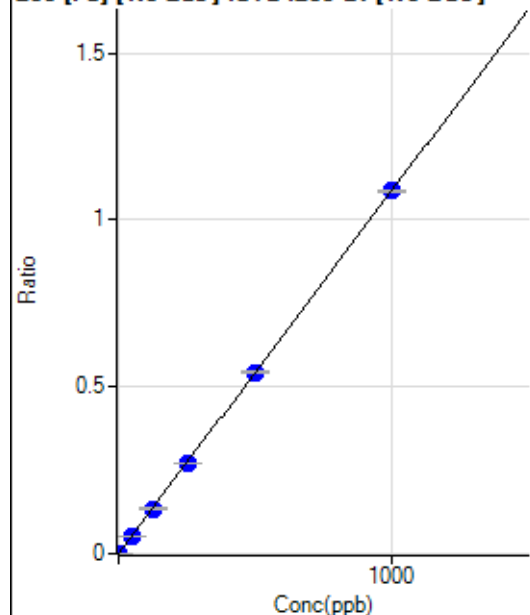
$$DL = 0.00665$$

$$BEC = 0.008807$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	161.12	0.0001	P	15.0
2	☐	0.100					
3	☐	1.000	0.926	1435.31	0.0011	P	4.9
4	☐	50.000	49.665	72061.66	0.0541	P	1.3
5	☐	125.000	124.149	175231.96	0.1349	P	0.8
6	☐	250.000	249.437	332513.95	0.2710	P	0.9
7	☐	500.000	499.763	657505.09	0.5428	P	0.6
8	☐	1000.000	1000.382	1257961.20	1.0864	P	0.7
9	☐			1476.06	0.0015	P	4.6

$$y = 0.0011 * x + 1.3651E-004$$

$$R = 1.0000$$

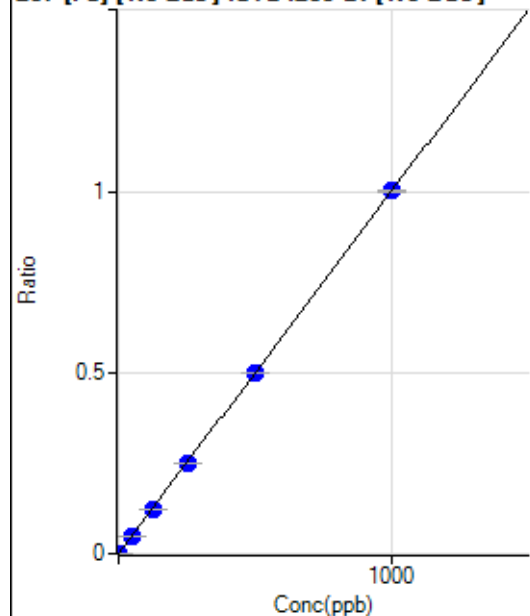
$$DL = 0.05649$$

$$BEC = 0.1257$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	124.08	0.0001	P	9.3
2	☐	0.100					
3	☐	1.000	0.972	1351.96	0.0011	P	9.4
4	☐	50.000	49.449	66071.25	0.0496	P	0.7
5	☐	125.000	123.500	160564.57	0.1237	P	0.3
6	☐	250.000	249.324	306180.44	0.2495	P	0.9
7	☐	500.000	498.241	603874.51	0.4985	P	0.2
8	☐	1000.000	1001.264	1159870.27	1.0017	P	0.7
9	☐			1272.32	0.0013	P	2.5

$$y = 0.0010 * x + 1.0513E-004$$

$$R = 1.0000$$

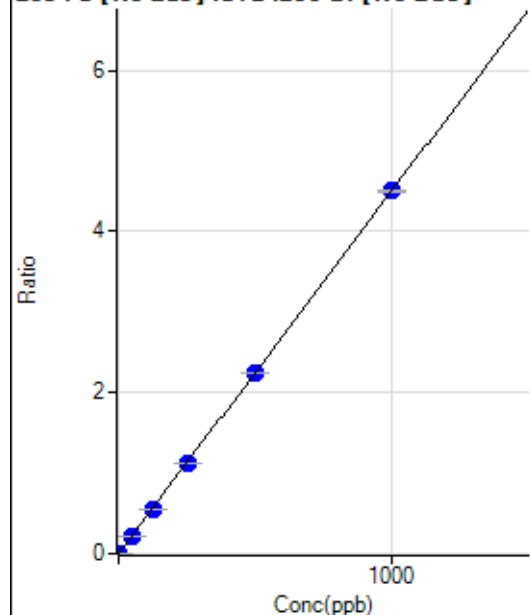
$$DL = 0.02943$$

$$BEC = 0.1051$$

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	688.92	0.0006	P	3.5
2	☐	0.100					
3	☐	1.000	0.949	6093.34	0.0049	P	2.8
4	☐	50.000	49.586	298071.49	0.2236	P	0.3
5	☐	125.000	124.072	725507.82	0.5587	P	0.3
6	☐	250.000	248.756	1373804.23	1.1196	P	0.3
7	☐	500.000	498.375	2716338.89	2.2425	P	0.3
8	☐	1000.000	1001.260	5215782.77	4.5047	P	0.3
9	☐			5832.16	0.0058	P	1.0

$$y = 0.0045 * x + 5.8368E-004$$

$$R = 1.0000$$

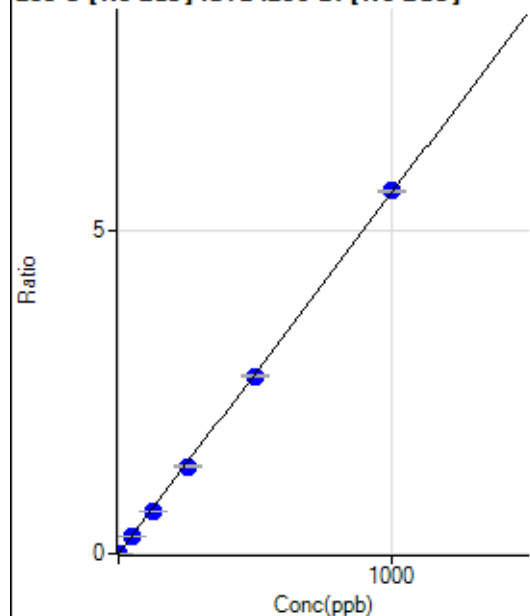
$$DL = 0.01363$$

$$BEC = 0.1298$$

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	33.33	0.0000	P	25.2
2	☐	0.100					
3	☐	1.000	0.836	5882.16	0.0047	P	4.6
4	☐	50.000	47.075	349425.13	0.2622	P	0.3
5	☐	125.000	119.223	862158.42	0.6640	P	0.5
6	☐	250.000	242.352	1656105.27	1.3496	P	0.5
7	☐	500.000	493.130	3326412.73	2.7462	P	0.4
8	☐	1000.000	1006.216	6487850.75	5.6034	P	0.4
9	☐			583.37	0.0006	P	13.9

$$y = 0.0056 * x + 2.8250E-005$$

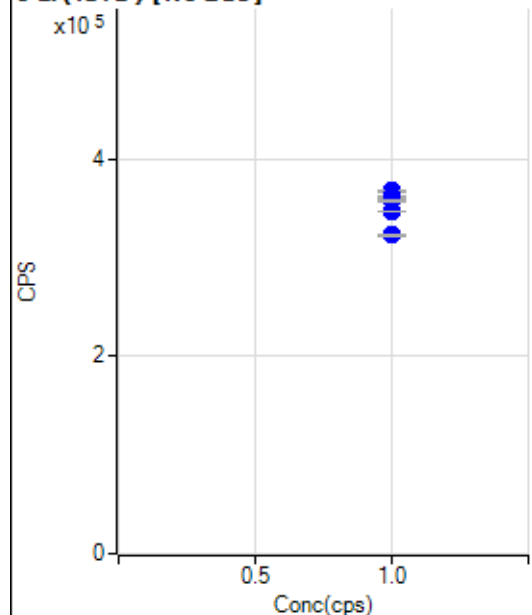
$$R = 0.9999$$

$$DL = 0.003831$$

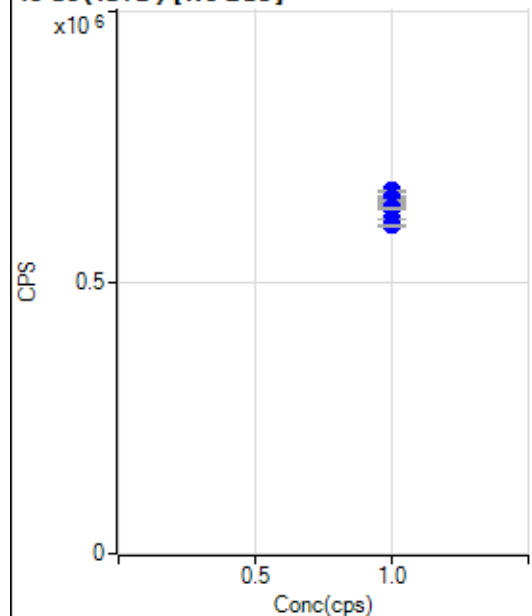
$$BEC = 0.005073$$

Weight: <None>

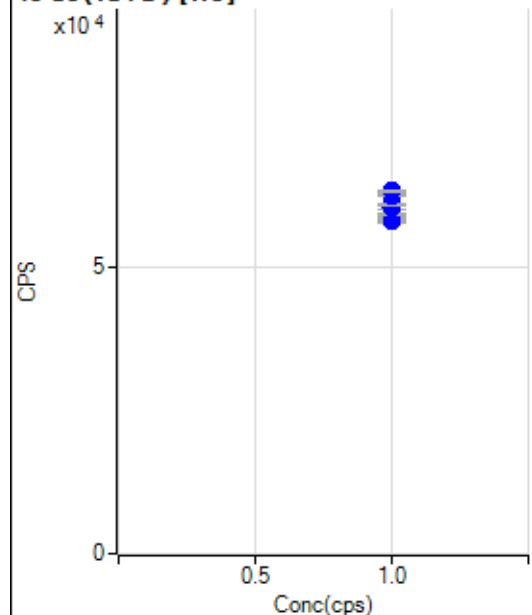
Min Conc: 0

6 Li (ISTD) [No Gas]

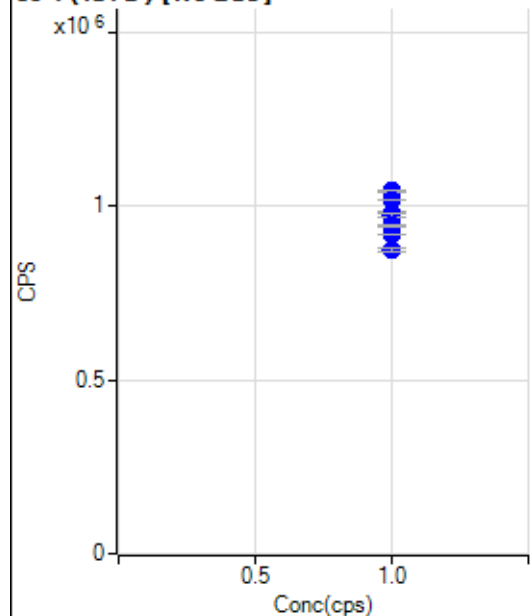
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		359377.86		P	0.4
2	☐	1.000					
3	☐	1.000		359978.87		P	0.5
4	☐	1.000		367510.56		P	0.8
5	☐	1.000		362366.94		P	0.1
6	☐	1.000		358473.84		P	0.1
7	☐	1.000		357556.55		P	0.2
8	☐	1.000		346170.11		P	0.1
9	☐	1.000		322925.52		P	0.8

45 Sc (ISTD) [No Gas]

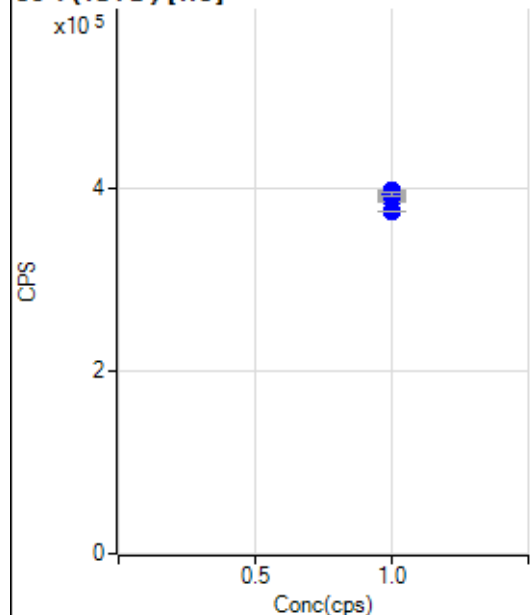
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		618787.64		P	0.2
2	☐	1.000					
3	☐	1.000		643237.46		P	0.8
4	☐	1.000		669967.24		P	0.2
5	☐	1.000		658355.17		P	0.4
6	☐	1.000		643176.29		P	0.4
7	☐	1.000		651669.56		P	0.4
8	☐	1.000		638710.50		P	0.6
9	☐	1.000		605760.02		P	1.0

45 Sc (ISTD) [He]

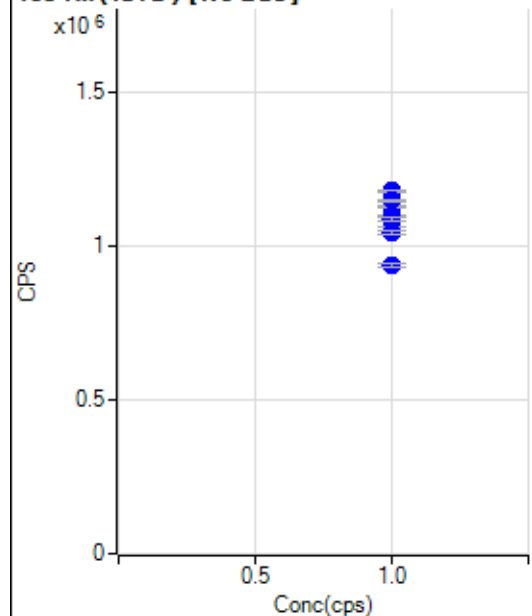
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		57803.51		P	0.4
2	☐	1.000					
3	☐	1.000		58442.67		P	0.4
4	☐	1.000		59156.55		P	0.9
5	☐	1.000		59066.10		P	0.7
6	☐	1.000		60213.15		P	1.2
7	☐	1.000		60785.23		P	0.3
8	☐	1.000		62472.31		P	0.7
9	☐	1.000		63219.98		P	0.9

89 Y (ISTD) [No Gas]

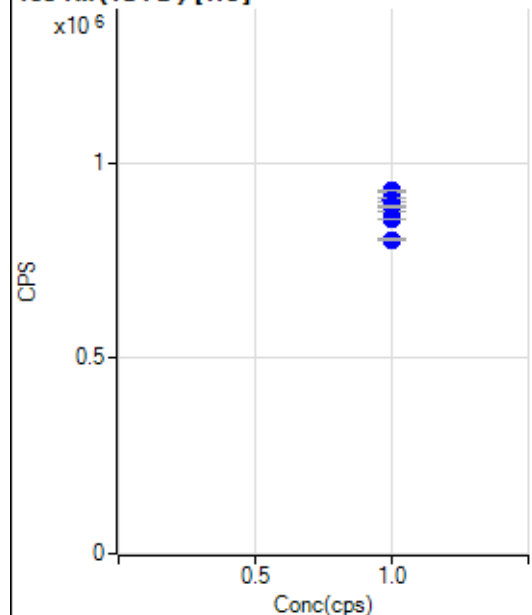
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		918653.93		P	0.3
2	☐	1.000					
3	☐	1.000		981237.13		P	0.8
4	☐	1.000		1043683.67		P	0.2
5	☐	1.000		1018592.87		P	0.3
6	☐	1.000		974411.17		P	0.9
7	☐	1.000		974098.45		P	1.3
8	☐	1.000		943665.99		P	0.7
9	☐	1.000		873167.98		P	0.9

89 Y (ISTD) [He]

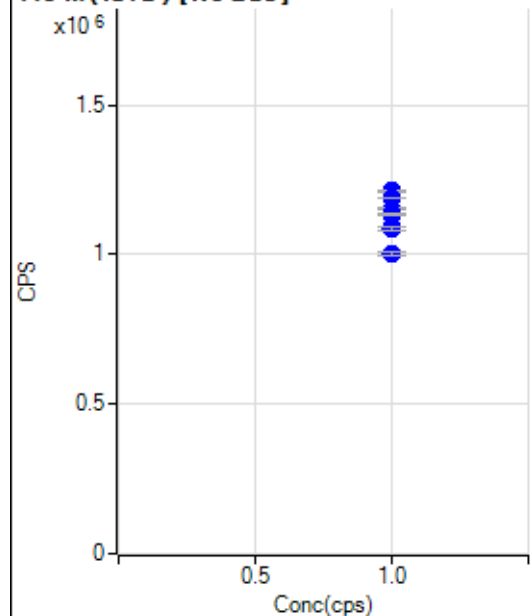
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		374903.75		P	0.3
2	☐	1.000					
3	☐	1.000		387464.93		P	0.5
4	☐	1.000		392959.97		P	0.5
5	☐	1.000		391797.31		P	0.7
6	☐	1.000		391897.76		P	0.6
7	☐	1.000		397437.04		P	0.5
8	☐	1.000		395837.08		P	0.2
9	☐	1.000		393771.39		P	0.7

103 Rh (ISTD) [No Gas]

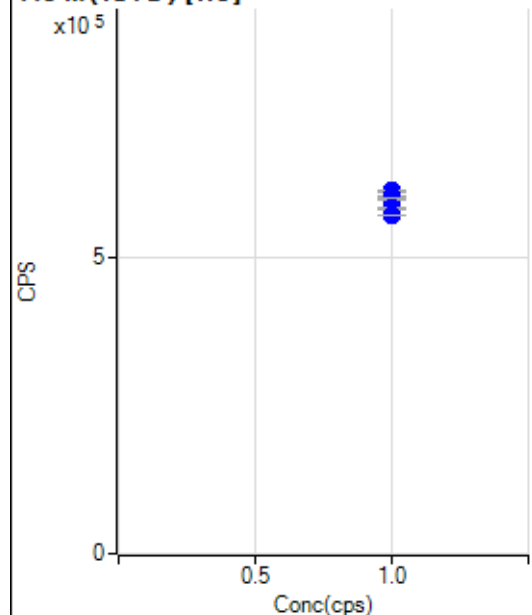
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1059574.05		P	0.3
2	☐	1.000					
3	☐	1.000		1127268.10		P	0.6
4	☐	1.000		1176752.88		P	0.4
5	☐	1.000		1145756.72		P	0.5
6	☐	1.000		1097141.08		P	0.4
7	☐	1.000		1087038.54		P	0.9
8	☐	1.000		1041962.07		P	0.9
9	☐	1.000		933982.53		P	1.2

103 Rh (ISTD) [He]

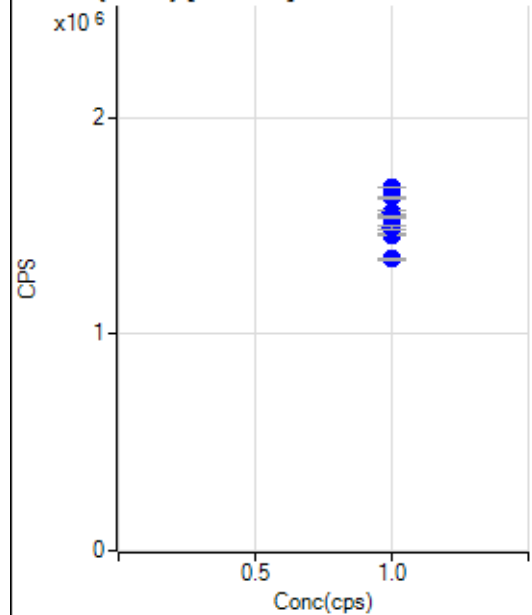
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		875218.49		P	0.1
2	☐	1.000					
3	☐	1.000		910169.28		P	0.1
4	☐	1.000		927973.58		P	0.4
5	☐	1.000		906080.31		P	0.8
6	☐	1.000		888891.91		P	0.4
7	☐	1.000		888886.91		P	0.6
8	☐	1.000		856907.77		P	0.3
9	☐	1.000		802831.06		P	0.7

115 In (ISTD) [No Gas]

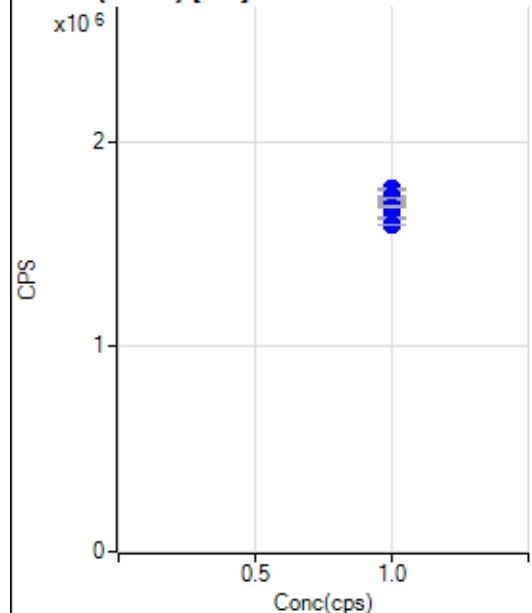
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1092280.43		P	0.4
2	☐	1.000					
3	☐	1.000		1153111.45		P	0.6
4	☐	1.000		1212164.29		P	0.5
5	☐	1.000		1186426.52		P	0.1
6	☐	1.000		1135719.55		P	0.1
7	☐	1.000		1133919.40		P	0.7
8	☐	1.000		1084116.81		P	1.0
9	☐	1.000		1000820.22		P	1.1

115 In (ISTD) [He]

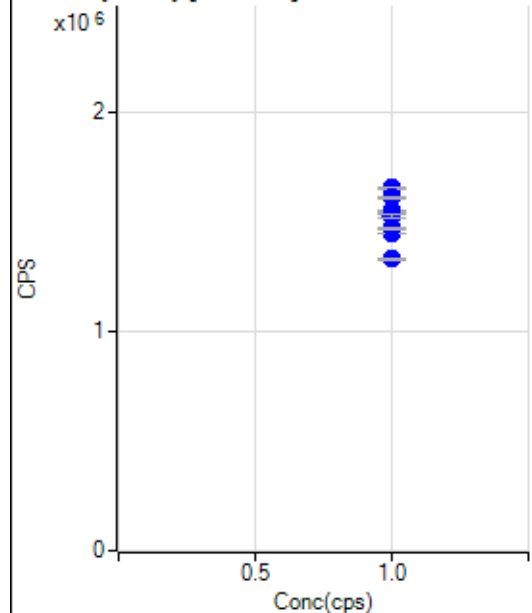
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		581053.10		P	0.7
2	☐	1.000					
3	☐	1.000		599471.48		P	0.4
4	☐	1.000		611119.27		P	0.4
5	☐	1.000		601608.33		P	0.8
6	☐	1.000		596612.10		P	0.4
7	☐	1.000		597822.74		P	0.1
8	☐	1.000		581718.44		P	0.5
9	☐	1.000		570605.69		P	0.2

159 Tb (ISTD) [No Gas]

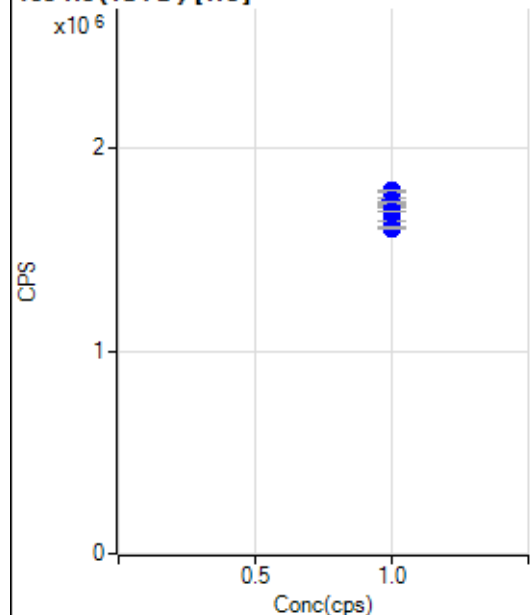
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1460807.67		P	0.1
2	☐	1.000					
3	☐	1.000		1562047.23		P	1.0
4	☐	1.000		1675583.05		P	0.2
5	☐	1.000		1631976.36		P	0.4
6	☐	1.000		1545052.77		P	0.3
7	☐	1.000		1539331.00		P	0.8
8	☐	1.000		1490583.21		P	0.9
9	☐	1.000		1346996.77		P	0.9

159 Tb (ISTD) [He]

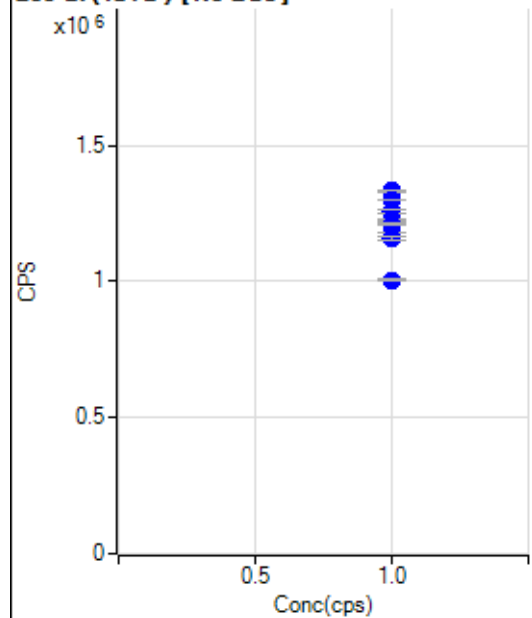
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1629723.31		P	0.3
2	☐	1.000					
3	☐	1.000		1711543.26		P	0.6
4	☐	1.000		1770542.44		P	0.2
5	☐	1.000		1732689.28		P	0.7
6	☐	1.000		1704275.81		P	0.4
7	☐	1.000		1722269.58		P	0.7
8	☐	1.000		1683405.11		P	0.2
9	☐	1.000		1596603.92		P	0.3

165 Ho (ISTD) [No Gas]

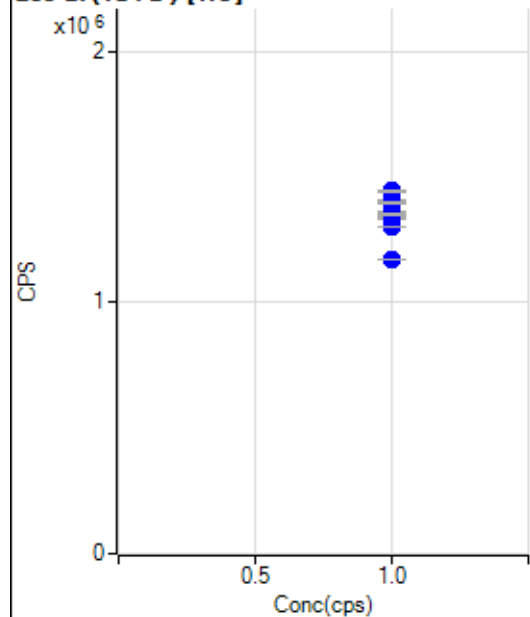
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1444596.63		P	0.3
2	☐	1.000					
3	☐	1.000		1547330.76		P	0.3
4	☐	1.000		1653646.62		P	0.5
5	☐	1.000		1609197.51		P	0.3
6	☐	1.000		1530504.78		P	0.1
7	☐	1.000		1524254.75		P	1.5
8	☐	1.000		1469825.84		P	0.6
9	☐	1.000		1328088.94		P	0.8

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1642236.85		P	0.5
2	☐	1.000					
3	☐	1.000		1731293.45		P	0.9
4	☐	1.000		1790948.90		P	0.4
5	☐	1.000		1745265.50		P	1.0
6	☐	1.000		1715982.65		P	0.4
7	☐	1.000		1730534.11		P	0.4
8	☐	1.000		1690579.49		P	0.2
9	☐	1.000		1608421.47		P	0.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1180245.73		P	0.2
2	☐	1.000					
3	☐	1.000		1256157.14		P	1.2
4	☐	1.000		1332782.52		P	0.6
5	☐	1.000		1298526.98		P	0.2
6	☐	1.000		1227055.62		P	0.7
7	☐	1.000		1211300.85		P	0.5
8	☐	1.000		1157863.52		P	1.1
9	☐	1.000		1006165.52		P	1.2

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1335010.91		P	0.7
2	☐	1.000					
3	☐	1.000		1407616.76		P	0.6
4	☐	1.000		1444009.48		P	0.6
5	☐	1.000		1395190.41		P	0.7
6	☐	1.000		1358164.55		P	0.6
7	☐	1.000		1349711.25		P	0.9
8	☐	1.000		1300763.07		P	0.1
9	☐	1.000		1172373.66		P	0.1

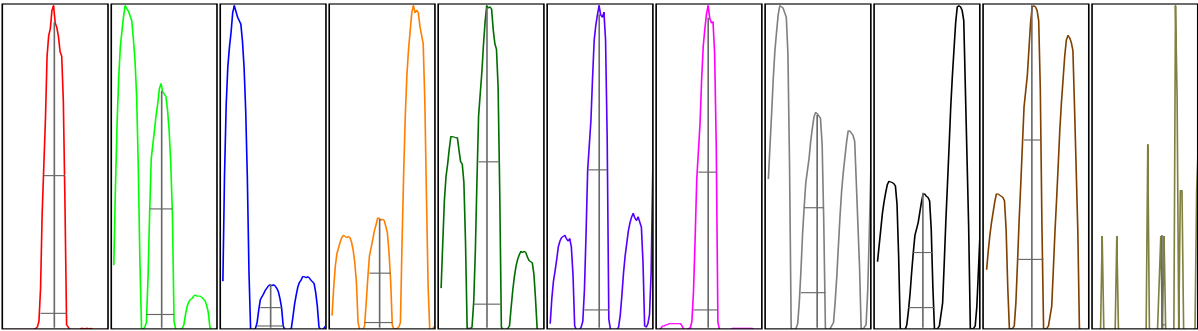
US EPA Tune Check Sample Report

Batch Folder D:\ICP-MS Data\P7101217-MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]					
Mass	Count	RSD%	RSD%	RSD%	
	(Mean)	(Actual)	(Required)	(Flag)	
9	1310	1.38	5.00		
24	6693	1.70	5.00		
25	948	1.92	5.00		
26	1129	1.71	5.00		
59	7956	1.32	5.00		
113	3602	1.77	5.00		
115	70552	1.68	5.00		
206	4230	2.19	5.00		
207	4137	2.82	5.00		
208	9125	2.35	5.00		
220	0	104.58			

Mass	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
	Count	Count	Count	Count	Count
9	1299	1315	1287	1314	1335
24	6558	6648	6640	6785	6837
25	930	931	945	969	964
26	1116	1115	1127	1125	1162
59	7835	7919	7906	8013	8106
113	3532	3582	3580	3611	3704
115	69199	70226	69984	71034	72316
206	4101	4209	4205	4296	4341
207	4016	4080	4085	4187	4314
208	8866	9012	9077	9255	9415
220	0	0	0	0	0

Integration Time [sec] = 0.1



Mass	Peak	Axis	Axis	Axis	Width-X%	Width-X%	Width-
	Height	(Actual)	(Required)	(Flag)	(Actual)	(Required)	X% (Flag)
9	2154	9.00	8.9 - 9.1		0.783	0.900	
24	10845	23.95	23.9 - 24.1		0.787	0.900	
25	1531	24.95	24.9 - 25.1		0.791	0.900	
26	1822	25.95	25.9 - 26.1		0.788	0.900	
59	13198	58.90	58.9 - 59.1		0.795	0.900	
113	6511	113.00	112.9 - 113.1		0.729	0.900	
115	128822	115.00	114.9 - 115.1		0.728	0.900	
206	7511	206.00	205.9 - 206.1		0.717	0.900	
207	6974	206.90	206.9 - 207.1		0.713	0.900	
208	16708	207.90	207.9 - 208.1		0.712	0.900	
220	0	220.50	-		0.095		

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	18.0	V	Deflect	20.0	V
Extract 2	-220.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-115	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination	5.0	V
He Flow	0.0	mL/min	OctP RF	120	V			

[He]

Mass	Count	RSD%	RSD%
	(Mean)	(Actual)	(Required)
59	3682	0.99	
89	2706	0.56	
205	7487	1.41	

Mass	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
	Count	Count	Count	Count	Count
59	3651	3656	3664	3703	3736
89	2707	2691	2692	2714	2726
205	7387	7388	7469	7573	7618

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	18.0	V	Deflect	5.2	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	190	V			

LB Number : LB90798 Operator : Jaswal
 Lab Sample ID : S00 Instrumnet Name : P7
 Client Sample ID : S00 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-12 10:50:19 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.17	-0.33	-0.84	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.01	0.03	-0.01	0.00	N/A	ppb
Barium	135-1	-0.02	0.04	-0.02	0.00	N/A	ppb
Barium	137-1	-0.02	0.03	-0.02	0.00	N/A	ppb
Beryllium	9-1	0.00	0.01	-0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.58	-0.39	-0.19	0.00	N/A	ppb
Boron	11-1	-0.15	0.06	0.09	0.00	N/A	ppb
Cadmium	111-1	0.08	0.05	-0.12	0.00	N/A	ppb
Cadmium	106-1	1.19	0.65	-1.84	0.00	N/A	ppb
Cadmium	108-1	0.12	-0.06	-0.06	0.00	N/A	ppb
Calcium	43-1	9.51	1.69	-11.20	0.00	N/A	ppb
Calcium	44-1	0.32	4.55	-4.87	0.00	N/A	ppb
Chromium	52-2	0.02	-0.07	0.05	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.01	0.00	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	0.00	-0.04	0.03	0.00	N/A	ppb
Iron	57-2	-0.27	2.47	-2.19	0.00	N/A	ppb
Lead	206-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Lead	207-1	-0.01	0.00	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	0.65	-0.77	0.12	0.00	N/A	ppb
Manganese	55-2	-0.01	0.02	-0.02	0.00	N/A	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 10:50:19	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	-0.01	0.01	0.00	N/A	ppb
Molybdenum	95-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Molybdenum	96-1	0.02	-0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	-0.01	0.01	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.01	-0.01	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.02	0.03	0.00	N/A	ppb
Phosphorus	31-2	-7.52	-7.45	10.70	-1.42		ppb
Potassium	39-2	-3.30	3.49	-0.18	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.74	0.80	-0.06	0.00	N/A	ppb
Selenium	82-1	-1.16	-0.01	1.17	0.00	N/A	ppb
Silicon	28-1	-0.04	0.32	-0.28	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	1.50	1.68	-3.18	0.00	N/A	ppb
Strontium	86-1	-0.05	-0.05	0.11	0.00	N/A	ppb
Strontium	88-1	-0.01	0.00	0.01	0.00	N/A	ppb
Sulfur	34-1	227.41	173.69	171.40	190.83	16.61	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	0.01	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.01	0.01	0.00	0.00	N/A	ppb
Titanium	47-1	-0.05	0.05	0.00	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.01	0.00	-0.01	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.22	0.17	0.05	0.00	N/A	ppb
Zirconium	90-1	0.00	-0.01	0.01	0.00	N/A	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 10:50:19	DataFile Name :	003CALB.d

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

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 10:57:44	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.36	16.95	22.77	19.36	15.69	ppb
Antimony	121-1	1.73	1.76	1.59	1.70	5.32	ppb
Arsenic	75-2	0.71	0.87	0.87	0.82	11.23	ppb
Barium	135-1	8.87	8.31	8.74	8.64	3.40	ppb
Barium	137-1	9.17	9.23	8.40	8.93	5.18	ppb
Beryllium	9-1	0.72	0.85	0.83	0.80	8.78	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Boron	10-1	20.94	23.21	20.52	21.56	6.70	ppb
Boron	11-1	21.13	20.36	20.15	20.54	2.51	ppb
Cadmium	111-1	1.00	0.92	0.76	0.90	13.78	ppb
Cadmium	106-1	2.32	0.04	-0.06	0.77	175.12	ppb
Cadmium	108-1	0.60	0.43	0.90	0.64	37.65	ppb
Calcium	43-1	363.87	492.30	383.92	413.36	16.71	ppb
Calcium	44-1	413.30	420.22	428.40	420.64	1.80	ppb
Chromium	52-2	1.97	1.78	2.01	1.92	6.24	ppb
Cobalt	59-2	0.94	0.87	0.99	0.93	6.77	ppb
Copper	63-2	1.99	1.95	2.15	2.03	5.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	56-2	50.15	48.58	48.52	49.08	1.88	ppb
Iron	57-2	54.58	51.04	58.20	54.61	6.56	ppb
Lead	206-1	0.88	0.98	0.92	0.93	5.53	ppb
Lead	207-1	1.05	1.01	0.86	0.97	10.47	ppb
Lead	208-1	0.97	0.96	0.91	0.95	3.18	ppb
Lithium	6-1				100		%
Magnesium	24-2	464.69	463.22	478.65	468.85	1.82	ppb
Manganese	55-2	0.99	0.92	0.93	0.95	4.10	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 10:57:44	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.16	1.99	2.01	2.05	4.46	ppb
Molybdenum	95-1	4.61	4.53	4.14	4.43	5.66	ppb
Molybdenum	96-1	3.65	4.06	3.79	3.83	5.41	ppb
Molybdenum	97-1	4.06	4.60	4.28	4.32	6.27	ppb
Molybdenum	98-1	4.26	4.10	4.31	4.22	2.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.19	0.90	1.11	1.07	13.91	ppb
Phosphorus	31-2	-7.60	1.51	10.36	1.42	631.37	ppb
Potassium	39-2	443.38	432.22	441.47	439.02	1.36	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	77-2	3.74	9.90	1.23	4.96	89.93	ppb
Selenium	78-2	0.71	2.06	4.29	2.35	76.60	ppb
Selenium	82-1	3.69	3.44	4.91	4.01	19.58	ppb
Silicon	28-1	13.72	13.52	12.62	13.29	4.41	ppb
Silver	109-1	1.00	0.84	0.90	0.91	8.83	ppb
Silver	107-1	0.96	0.89	1.02	0.96	6.78	ppb
Sodium	23-2	465.14	475.08	460.57	466.93	1.59	ppb
Strontium	86-1	0.88	1.02	1.03	0.97	8.65	ppb
Strontium	88-1	0.88	0.95	0.85	0.89	5.46	ppb
Sulfur	34-1	-33.59	-146.89	-392.02	-190.83		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.98	0.86	0.93	0.92	6.67	ppb
Thallium	205-1	0.93	0.92	0.86	0.90	4.03	ppb
Tin	118-1	4.36	4.32	4.53	4.40	2.57	ppb
Titanium	47-1	4.31	4.25	3.94	4.17	4.85	ppb
Uranium	238-1	0.83	0.80	0.88	0.84	4.60	ppb
Vanadium	51-2	4.29	4.46	4.28	4.34	2.29	ppb
Yttrium	89-1				107		%
Yttrium	89-2				103		%
Zinc	66-2	2.03	2.21	2.15	2.13	4.30	ppb
Zirconium	90-1	0.84	0.86	0.80	0.83	3.86	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 10:57:44	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.73	0.94	0.95	0.87	13.92	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 11:01:36	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	952.88	1004.42	959.99	972.43	2.87	ppb
Antimony	121-1	46.66	48.06	48.07	47.60	1.70	ppb
Arsenic	75-2	50.44	49.68	50.53	50.22	0.93	ppb
Barium	135-1	238.87	242.73	243.76	241.79	1.07	ppb
Barium	137-1	240.37	241.23	239.97	240.52	0.27	ppb
Beryllium	9-1	49.86	50.14	51.09	50.36	1.28	ppb
Bismuth	209-1				113		%
Bismuth	209-2				108		%
Boron	10-1	48.19	48.96	49.73	48.96	1.57	ppb
Boron	11-1	47.50	50.17	52.28	49.98	4.79	ppb
Cadmium	111-1	48.74	48.39	49.63	48.92	1.31	ppb
Cadmium	106-1	45.62	48.35	51.06	48.34	5.63	ppb
Cadmium	108-1	49.50	51.86	46.80	49.39	5.13	ppb
Calcium	43-1	5093.89	4832.28	4932.11	4952.76	2.67	ppb
Calcium	44-1	4730.67	4732.29	4774.03	4745.66	0.52	ppb
Chromium	52-2	52.60	53.53	52.40	52.84	1.14	ppb
Cobalt	59-2	52.83	53.88	54.16	53.62	1.31	ppb
Copper	63-2	111.32	110.67	108.95	110.31	1.11	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				114		%
Holmium	165-2				109		%
Indium	115-1				111		%
Indium	115-2				105		%
Iron	56-2	2732.54	2782.15	2747.56	2754.08	0.92	ppb
Iron	57-2	2735.95	2774.34	2750.27	2753.52	0.70	ppb
Lead	206-1	49.09	49.57	50.34	49.67	1.27	ppb
Lead	207-1	49.32	49.17	49.85	49.45	0.73	ppb
Lead	208-1	49.43	49.58	49.75	49.59	0.32	ppb
Lithium	6-1				102		%
Magnesium	24-2	5149.60	5157.70	5153.02	5153.44	0.08	ppb
Manganese	55-2	103.49	103.91	102.14	103.18	0.90	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 11:01:36	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	49.09	49.56	49.03	49.23	0.59	ppb
Molybdenum	95-1	48.20	49.37	48.40	48.66	1.29	ppb
Molybdenum	96-1	49.19	49.36	47.47	48.67	2.15	ppb
Molybdenum	97-1	48.60	48.66	48.99	48.75	0.43	ppb
Molybdenum	98-1	48.82	47.98	48.88	48.56	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.93	56.13	54.29	55.12	1.70	ppb
Phosphorus	31-2	1021.06	1010.46	1138.13	1056.55	6.71	ppb
Potassium	39-2	2452.03	2436.55	2423.73	2437.44	0.58	ppb
Rhodium	103-1				111		%
Rhodium	103-2				106		%
Scandium	45-1				108		%
Scandium	45-2				102		%
Selenium	77-2	43.03	45.01	62.24	50.10	21.09	ppb
Selenium	78-2	41.47	42.54	50.79	44.93	11.35	ppb
Selenium	82-1	49.71	46.10	47.39	47.73	3.83	ppb
Silicon	28-1	47.96	49.89	47.72	48.52	2.45	ppb
Silver	109-1	50.11	50.46	49.47	50.01	1.00	ppb
Silver	107-1	49.39	49.53	50.54	49.82	1.26	ppb
Sodium	23-2	5232.38	5245.70	5171.76	5216.62	0.76	ppb
Strontium	86-1	48.57	49.66	49.70	49.31	1.31	ppb
Strontium	88-1	50.53	49.90	48.87	49.76	1.69	ppb
Sulfur	34-1	239.65	344.01	-52.06	177.20	115.85	ppb
Terbium	159-1				115		%
Terbium	159-2				109		%
Thallium	203-1	48.45	49.18	49.06	48.90	0.80	ppb
Thallium	205-1	49.14	49.57	48.88	49.19	0.70	ppb
Tin	118-1	48.57	48.51	47.66	48.25	1.06	ppb
Titanium	47-1	49.26	48.00	50.06	49.11	2.11	ppb
Uranium	238-1	47.10	47.19	46.94	47.08	0.27	ppb
Vanadium	51-2	51.80	51.72	50.48	51.34	1.44	ppb
Yttrium	89-1				114		%
Yttrium	89-2				105		%
Zinc	66-2	109.39	109.39	109.53	109.44	0.07	ppb
Zirconium	90-1	48.09	48.62	49.23	48.64	1.17	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 11:01:36	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	51.19	48.18	49.50	49.62	3.04	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 11:05:28	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2477.95	2408.96	2456.65	2447.85	1.44	ppb
Antimony	121-1	121.48	122.70	122.70	122.30	0.58	ppb
Arsenic	75-2	127.39	126.28	127.64	127.10	0.57	ppb
Barium	135-1	611.31	599.59	610.15	607.02	1.06	ppb
Barium	137-1	607.64	603.72	608.33	606.57	0.41	ppb
Beryllium	9-1	126.63	126.96	126.77	126.79	0.13	ppb
Bismuth	209-1				110		%
Bismuth	209-2				105		%
Boron	10-1	121.34	127.58	121.34	123.42	2.92	ppb
Boron	11-1	125.79	126.50	122.36	124.88	1.77	ppb
Cadmium	111-1	121.23	121.14	127.20	123.19	2.82	ppb
Cadmium	106-1	115.07	121.07	129.67	121.94	6.01	ppb
Cadmium	108-1	123.16	121.05	120.97	121.73	1.02	ppb
Calcium	43-1	12299.60	12509.45	12367.33	12392.13	0.86	ppb
Calcium	44-1	11929.25	12007.28	12099.15	12011.89	0.71	ppb
Chromium	52-2	130.12	131.24	130.75	130.70	0.43	ppb
Cobalt	59-2	134.48	133.66	133.94	134.03	0.31	ppb
Copper	63-2	274.13	275.45	272.14	273.91	0.61	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				111		%
Holmium	165-2				106		%
Indium	115-1				109		%
Indium	115-2				104		%
Iron	56-2	6822.72	6871.50	6920.14	6871.46	0.71	ppb
Iron	57-2	6852.67	6922.43	6756.85	6843.99	1.21	ppb
Lead	206-1	123.04	124.47	124.94	124.15	0.79	ppb
Lead	207-1	123.30	123.97	123.22	123.50	0.33	ppb
Lead	208-1	123.63	124.24	124.34	124.07	0.31	ppb
Lithium	6-1				101		%
Magnesium	24-2	12999.31	13115.36	13117.28	13077.32	0.52	ppb
Manganese	55-2	256.62	260.58	259.40	258.87	0.78	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 11:05:28	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	124.67	126.21	125.04	125.31	0.64	ppb
Molybdenum	95-1	123.12	124.43	125.79	124.45	1.08	ppb
Molybdenum	96-1	124.04	124.40	122.18	123.54	0.96	ppb
Molybdenum	97-1	123.36	124.86	121.86	123.36	1.21	ppb
Molybdenum	98-1	123.20	124.27	122.36	123.28	0.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	134.69	132.90	136.84	134.81	1.46	ppb
Phosphorus	31-2	2550.13	2476.06	2693.80	2573.33	4.30	ppb
Potassium	39-2	6235.42	6193.27	6241.56	6223.42	0.42	ppb
Rhodium	103-1				108		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				102		%
Selenium	77-2	162.93	130.35	138.43	143.90	11.79	ppb
Selenium	78-2	131.54	119.42	125.82	125.60	4.83	ppb
Selenium	82-1	124.71	120.75	124.37	123.28	1.78	ppb
Silicon	28-1	122.08	124.78	123.40	123.42	1.09	ppb
Silver	109-1	124.37	125.00	124.98	124.78	0.29	ppb
Silver	107-1	123.55	123.72	125.02	124.10	0.65	ppb
Sodium	23-2	13143.79	13256.37	13182.90	13194.35	0.43	ppb
Strontium	86-1	122.33	122.86	124.81	123.33	1.06	ppb
Strontium	88-1	123.74	125.17	125.26	124.72	0.68	ppb
Sulfur	34-1	1839.95	1885.78	1698.55	1808.09	5.40	ppb
Terbium	159-1				112		%
Terbium	159-2				106		%
Thallium	203-1	122.12	122.87	122.33	122.44	0.32	ppb
Thallium	205-1	123.06	123.46	122.53	123.02	0.38	ppb
Tin	118-1	121.95	121.70	123.69	122.44	0.88	ppb
Titanium	47-1	117.44	122.54	124.66	121.55	3.05	ppb
Uranium	238-1	118.92	119.95	118.80	119.22	0.53	ppb
Vanadium	51-2	129.66	129.31	130.15	129.71	0.32	ppb
Yttrium	89-1				111		%
Yttrium	89-2				105		%
Zinc	66-2	274.31	267.35	270.25	270.63	1.29	ppb
Zirconium	90-1	122.85	124.55	123.56	123.65	0.69	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 11:05:28	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	123.64	123.30	121.27	122.74	1.04	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 11:09:19	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4929.51	4939.93	4871.51	4913.65	0.75	ppb
Antimony	121-1	245.82	249.20	250.08	248.37	0.91	ppb
Arsenic	75-2	248.65	250.46	249.69	249.60	0.36	ppb
Barium	135-1	1238.18	1232.49	1246.66	1239.11	0.58	ppb
Barium	137-1	1243.70	1236.58	1237.00	1239.09	0.32	ppb
Beryllium	9-1	249.06	249.86	248.06	248.99	0.36	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	10-1	246.04	256.07	262.86	254.99	3.32	ppb
Boron	11-1	255.33	245.73	247.38	249.48	2.06	ppb
Cadmium	111-1	254.40	250.95	254.04	253.13	0.75	ppb
Cadmium	106-1	260.62	251.53	257.64	256.60	1.81	ppb
Cadmium	108-1	246.70	253.04	263.53	254.42	3.34	ppb
Calcium	43-1	24219.76	24645.32	25100.27	24655.12	1.79	ppb
Calcium	44-1	23577.87	23878.61	24025.27	23827.25	0.96	ppb
Chromium	52-2	259.84	259.78	257.80	259.14	0.45	ppb
Cobalt	59-2	261.23	264.04	258.35	261.21	1.09	ppb
Copper	63-2	527.40	532.03	522.77	527.40	0.88	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				104		%
Indium	115-2				103		%
Iron	56-2	13510.46	13572.22	13258.22	13446.97	1.24	ppb
Iron	57-2	13553.50	13559.49	13475.91	13529.64	0.34	ppb
Lead	206-1	250.79	246.77	250.76	249.44	0.93	ppb
Lead	207-1	251.07	250.24	246.66	249.32	0.94	ppb
Lead	208-1	249.69	248.17	248.40	248.76	0.33	ppb
Lithium	6-1				100		%
Magnesium	24-2	25929.36	26118.75	25624.71	25890.94	0.96	ppb
Manganese	55-2	514.00	521.48	506.99	514.16	1.41	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 11:09:19	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	247.24	249.10	252.29	249.54	1.02	ppb
Molybdenum	95-1	248.39	250.35	251.29	250.01	0.59	ppb
Molybdenum	96-1	248.90	251.61	253.70	251.40	0.96	ppb
Molybdenum	97-1	245.71	248.13	250.25	248.03	0.92	ppb
Molybdenum	98-1	244.44	247.09	250.18	247.24	1.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	262.27	265.44	262.16	263.29	0.71	ppb
Phosphorus	31-2	4918.49	5167.20	5107.91	5064.53	2.56	ppb
Potassium	39-2	12478.92	12527.99	12348.53	12451.81	0.74	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	77-2	283.02	263.09	250.64	265.58	6.15	ppb
Selenium	78-2	239.45	259.78	262.43	253.89	4.95	ppb
Selenium	82-1	252.46	256.61	249.55	252.87	1.40	ppb
Silicon	28-1	249.90	250.29	251.27	250.49	0.28	ppb
Silver	109-1	254.93	253.66	253.99	254.19	0.26	ppb
Silver	107-1	249.65	254.84	252.98	252.49	1.04	ppb
Sodium	23-2	26211.16	26234.22	25912.31	26119.23	0.69	ppb
Strontium	86-1	245.26	251.54	251.29	249.36	1.43	ppb
Strontium	88-1	249.04	249.01	252.01	250.02	0.69	ppb
Sulfur	34-1	4755.51	4448.96	4869.09	4691.18	4.63	ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	249.44	246.04	250.54	248.67	0.94	ppb
Thallium	205-1	251.57	246.51	247.70	248.60	1.06	ppb
Tin	118-1	249.29	248.11	252.13	249.85	0.83	ppb
Titanium	47-1	247.38	248.16	245.00	246.85	0.67	ppb
Uranium	238-1	240.86	243.04	243.15	242.35	0.53	ppb
Vanadium	51-2	258.13	256.21	254.70	256.35	0.67	ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	526.67	528.29	519.31	524.76	0.91	ppb
Zirconium	90-1	246.13	247.70	248.60	247.48	0.51	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 11:09:19	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	245.87	251.53	250.18	249.19	1.19	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 11:13:09	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9996.43	9867.89	9911.01	9925.11	0.66	ppb
Antimony	121-1	502.36	491.87	501.32	498.51	1.16	ppb
Arsenic	75-2	505.20	505.28	506.68	505.72	0.16	ppb
Barium	135-1	2492.18	2484.22	2496.40	2490.94	0.25	ppb
Barium	137-1	2490.58	2471.21	2517.68	2493.16	0.94	ppb
Beryllium	9-1	501.23	495.97	497.79	498.33	0.54	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	498.69	506.24	505.43	503.45	0.82	ppb
Boron	11-1	495.14	494.00	502.69	497.28	0.95	ppb
Cadmium	111-1	502.64	498.16	508.87	503.23	1.07	ppb
Cadmium	106-1	492.70	493.00	501.63	495.78	1.02	ppb
Cadmium	108-1	494.47	503.53	493.54	497.18	1.11	ppb
Calcium	43-1	48949.44	48740.06	48372.18	48687.22	0.60	ppb
Calcium	44-1	47297.93	47402.70	47288.21	47329.61	0.13	ppb
Chromium	52-2	512.05	516.89	514.06	514.33	0.47	ppb
Cobalt	59-2	516.58	516.28	520.79	517.88	0.49	ppb
Copper	63-2	1044.35	1041.75	1049.88	1045.33	0.40	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				103		%
Iron	56-2	26948.32	26891.78	26652.17	26830.76	0.59	ppb
Iron	57-2	26973.29	26939.52	26710.11	26874.31	0.53	ppb
Lead	206-1	496.64	499.74	502.92	499.76	0.63	ppb
Lead	207-1	497.67	499.26	497.79	498.24	0.18	ppb
Lead	208-1	497.15	499.98	498.00	498.37	0.29	ppb
Lithium	6-1				99		%
Magnesium	24-2	51936.40	51957.95	51777.29	51890.55	0.19	ppb
Manganese	55-2	1021.44	1025.70	1023.78	1023.64	0.21	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 11:13:09	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	496.42	502.47	496.93	498.60	0.67	ppb
Molybdenum	95-1	501.55	505.19	494.49	500.41	1.09	ppb
Molybdenum	96-1	495.51	503.47	499.06	499.35	0.80	ppb
Molybdenum	97-1	499.76	501.46	508.68	503.30	0.94	ppb
Molybdenum	98-1	493.55	503.76	502.88	500.06	1.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	523.84	522.93	521.93	522.90	0.18	ppb
Phosphorus	31-2	10011.95	10099.91	10277.46	10129.77	1.34	ppb
Potassium	39-2	25141.25	24852.79	25118.56	25037.54	0.64	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	77-2	486.16	557.43	477.79	507.13	8.63	ppb
Selenium	78-2	518.83	496.81	528.80	514.81	3.18	ppb
Selenium	82-1	489.95	506.36	500.52	498.94	1.67	ppb
Silicon	28-1	496.47	496.85	500.83	498.05	0.49	ppb
Silver	109-1	503.80	501.51	505.98	503.76	0.44	ppb
Silver	107-1	504.28	503.35	504.85	504.16	0.15	ppb
Sodium	23-2	53022.97	52685.00	52628.95	52778.97	0.40	ppb
Strontium	86-1	500.37	496.14	491.77	496.09	0.87	ppb
Strontium	88-1	495.22	502.80	496.58	498.20	0.81	ppb
Sulfur	34-1	9525.57	9836.93	9492.02	9618.17	1.98	ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	500.96	498.86	496.79	498.87	0.42	ppb
Thallium	205-1	497.76	497.24	497.26	497.42	0.06	ppb
Tin	118-1	503.57	503.36	501.67	502.87	0.21	ppb
Titanium	47-1	504.00	492.22	500.64	498.95	1.22	ppb
Uranium	238-1	492.32	491.50	495.58	493.13	0.44	ppb
Vanadium	51-2	514.09	510.46	512.43	512.33	0.36	ppb
Yttrium	89-1				106		%
Yttrium	89-2				106		%
Zinc	66-2	1037.34	1043.26	1032.47	1037.69	0.52	ppb
Zirconium	90-1	495.01	496.36	493.39	494.92	0.30	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 11:13:09	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	491.18	508.11	507.44	502.24	1.91	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 11:16:58	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19448.65	19736.01	19238.22	19474.29	1.28	ppb
Antimony	121-1	1004.76	997.82	1002.25	1001.61	0.35	ppb
Arsenic	75-2	991.12	997.16	1002.62	996.97	0.58	ppb
Barium	135-1	5033.23	5006.14	4990.37	5009.92	0.43	ppb
Barium	137-1	5022.94	4999.74	5004.10	5008.93	0.25	ppb
Beryllium	9-1	1010.23	989.27	1003.03	1000.84	1.06	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	10-1	993.00	1016.38	982.71	997.36	1.73	ppb
Boron	11-1	986.98	1006.25	1011.63	1001.62	1.29	ppb
Cadmium	111-1	995.11	995.04	1003.51	997.89	0.49	ppb
Cadmium	106-1	1001.69	998.27	1002.83	1000.93	0.24	ppb
Cadmium	108-1	1010.72	979.67	1011.84	1000.74	1.82	ppb
Calcium	43-1	97215.36	97245.58	97719.52	97393.49	0.29	ppb
Calcium	44-1	94818.44	94285.33	96084.02	95062.60	0.97	ppb
Chromium	52-2	983.94	996.82	988.32	989.69	0.66	ppb
Cobalt	59-2	980.21	995.53	985.10	986.95	0.79	ppb
Copper	63-2	1955.57	1982.21	1963.17	1966.98	0.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	51217.42	52032.25	51084.99	51444.89	1.00	ppb
Iron	57-2	51329.80	52123.45	51409.22	51620.82	0.85	ppb
Lead	206-1	1002.24	1005.97	992.93	1000.38	0.67	ppb
Lead	207-1	998.22	1008.79	996.78	1001.26	0.65	ppb
Lead	208-1	998.49	1004.92	1000.37	1001.26	0.33	ppb
Lithium	6-1				96		%
Magnesium	24-2	100559.07	101391.12	99849.54	100599.91	0.77	ppb
Manganese	55-2	1963.99	2003.92	1982.20	1983.37	1.01	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 11:16:58	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	996.41	1002.15	1003.92	1000.83	0.39	ppb
Molybdenum	95-1	1002.94	999.32	997.53	999.93	0.28	ppb
Molybdenum	96-1	995.19	1002.48	1003.02	1000.23	0.44	ppb
Molybdenum	97-1	990.72	1007.43	999.19	999.11	0.84	ppb
Molybdenum	98-1	999.79	1007.93	995.14	1000.95	0.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	984.04	989.74	977.45	983.74	0.62	ppb
Phosphorus	31-2	20007.48	20054.88	19658.60	19906.99	1.09	ppb
Potassium	39-2	48627.14	49528.11	48604.95	48920.07	1.08	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				108		%
Selenium	77-2	1028.80	962.21	979.51	990.17	3.49	ppb
Selenium	78-2	1001.66	988.57	985.22	991.81	0.88	ppb
Selenium	82-1	1005.23	996.36	998.84	1000.14	0.46	ppb
Silicon	28-1	992.74	1007.10	1003.44	1001.09	0.75	ppb
Silver	109-1	997.97	996.80	996.52	997.10	0.08	ppb
Silver	107-1	1000.50	997.76	993.99	997.42	0.33	ppb
Sodium	23-2	100549.92	101425.86	99279.43	100418.40	1.07	ppb
Strontium	86-1	993.01	1009.01	1005.05	1002.36	0.83	ppb
Strontium	88-1	1004.51	1002.23	996.08	1000.94	0.44	ppb
Sulfur	34-1	20167.41	20563.25	20456.57	20395.74	1.00	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	995.47	1003.67	1004.67	1001.27	0.50	ppb
Thallium	205-1	996.26	1009.45	1000.08	1001.93	0.68	ppb
Tin	118-1	993.87	996.34	1006.83	999.01	0.69	ppb
Titanium	47-1	1000.77	999.23	1005.38	1001.79	0.32	ppb
Uranium	238-1	1001.88	1008.44	1008.32	1006.22	0.37	ppb
Vanadium	51-2	989.30	1001.98	983.51	991.60	0.95	ppb
Yttrium	89-1				103		%
Yttrium	89-2				106		%
Zinc	66-2	1959.07	1997.37	1959.30	1971.91	1.12	ppb
Zirconium	90-1	1009.23	997.16	1003.84	1003.41	0.60	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 11:16:58	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1002.76	997.83	997.56	999.38	0.29	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 11:20:43	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100121.03	98960.81	101273.74	100118.53	1.16	ppb
Antimony	121-1	3.54	3.22	3.07	3.28	7.25	ppb
Arsenic	75-2	0.77	0.54	0.57	0.63	19.55	ppb
Barium	135-1	1.64	1.76	1.40	1.60	11.32	ppb
Barium	137-1	1.91	1.54	1.53	1.66	12.99	ppb
Beryllium	9-1	0.13	0.09	0.17	0.13	32.11	ppb
Bismuth	209-1				85		%
Bismuth	209-2				88		%
Boron	10-1	19.00	18.49	16.92	18.14	5.99	ppb
Boron	11-1	22.20	19.54	17.13	19.63	12.93	ppb
Cadmium	111-1	0.21	0.22	0.08	0.17	44.15	ppb
Cadmium	106-1	0.89	2.50	0.54	1.31	79.71	ppb
Cadmium	108-1	0.69	0.69	0.70	0.69	0.97	ppb
Calcium	43-1	502319.57	498672.91	501026.75	500673.08	0.37	ppb
Calcium	44-1	494124.21	503990.66	505869.07	501327.98	1.26	ppb
Chromium	52-2	14.39	13.99	13.94	14.10	1.78	ppb
Cobalt	59-2	1.25	1.14	1.21	1.20	4.45	ppb
Copper	63-2	2.18	2.37	2.25	2.27	4.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				98		%
Indium	115-1				92		%
Indium	115-2				98		%
Iron	56-2	252465.04	247368.18	248554.34	249462.52	1.07	ppb
Iron	57-2	249192.31	247617.21	251449.09	249419.54	0.77	ppb
Lead	206-1	1.17	1.29	1.21	1.23	5.09	ppb
Lead	207-1	1.19	1.14	1.14	1.16	2.70	ppb
Lead	208-1	1.14	1.16	1.17	1.16	1.11	ppb
Lithium	6-1				90		%
Magnesium	24-2	501747.75	498325.16	498818.53	499630.48	0.37	ppb
Manganese	55-2	8.66	8.37	8.40	8.48	1.87	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 11:20:43	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.00	1.01	0.84	0.95	10.20	ppb
Molybdenum	95-1	2.90	3.32	2.99	3.07	7.15	ppb
Molybdenum	96-1	3.09	3.47	2.88	3.14	9.48	ppb
Molybdenum	97-1	3.41	3.52	2.94	3.29	9.38	ppb
Molybdenum	98-1	2.88	2.72	3.01	2.87	5.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.37	9.13	10.31	9.94	7.03	ppb
Phosphorus	31-2	8.54	8.16	12.74	9.81	25.89	ppb
Potassium	39-2	251513.85	248742.25	250392.06	250216.05	0.56	ppb
Rhodium	103-1				88		%
Rhodium	103-2				92		%
Scandium	45-1				98		%
Scandium	45-2				109		%
Selenium	77-2	1.22	1.21	0.00	0.81	86.61	ppb
Selenium	78-2	3.56	3.42	5.81	4.26	31.52	ppb
Selenium	82-1	-0.84	-0.38	0.72	-0.17		ppb
Silicon	28-1	13.10	12.22	12.69	12.67	3.46	ppb
Silver	109-1	0.14	0.14	0.13	0.14	3.34	ppb
Silver	107-1	0.16	0.15	0.16	0.15	2.61	ppb
Sodium	23-2	503605.03	493103.85	501980.03	499562.97	1.13	ppb
Strontium	86-1	35.43	34.91	33.66	34.67	2.62	ppb
Strontium	88-1	34.89	34.56	35.16	34.87	0.87	ppb
Sulfur	34-1	915.19	562.33	997.94	825.15	28.04	ppb
Terbium	159-1				92		%
Terbium	159-2				98		%
Thallium	203-1	0.55	0.45	0.36	0.45	21.48	ppb
Thallium	205-1	0.48	0.50	0.42	0.47	9.14	ppb
Tin	118-1	1.46	1.17	1.30	1.31	11.23	ppb
Titanium	47-1	1.48	1.37	0.65	1.17	38.56	ppb
Uranium	238-1	0.12	0.09	0.09	0.10	14.60	ppb
Vanadium	51-2	0.13	0.10	0.18	0.13	30.58	ppb
Yttrium	89-1				95		%
Yttrium	89-2				105		%
Zinc	66-2	3.59	3.02	2.45	3.02	18.82	ppb
Zirconium	90-1	0.20	0.26	0.20	0.22	14.35	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 11:20:43	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.18	0.15	0.17	0.17	11.48	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 11:42:26	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	485.60	516.24	478.31	493.38	4.08	ppb
Antimony	121-1	188.71	188.17	187.51	188.13	0.32	ppb
Arsenic	75-2	188.90	187.07	190.82	188.93	0.99	ppb
Barium	135-1	97.81	96.66	95.81	96.76	1.04	ppb
Barium	137-1	97.49	96.36	96.24	96.70	0.71	ppb
Beryllium	9-1	92.43	91.47	93.62	92.51	1.16	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	455.52	493.85	493.82	481.06	4.60	ppb
Boron	11-1	457.86	478.27	475.46	470.53	2.35	ppb
Cadmium	111-1	100.09	100.58	99.38	100.02	0.60	ppb
Cadmium	106-1	141.99	143.04	137.79	140.94	1.97	ppb
Cadmium	108-1	129.91	128.80	134.42	131.04	2.27	ppb
Calcium	43-1	2216.19	2373.47	2256.70	2282.12	3.58	ppb
Calcium	44-1	2021.54	2051.86	2061.96	2045.12	1.03	ppb
Chromium	52-2	95.35	95.89	96.90	96.05	0.82	ppb
Cobalt	59-2	99.57	100.44	99.59	99.86	0.50	ppb
Copper	63-2	99.23	101.12	101.34	100.56	1.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	56-2	1001.91	1016.14	1019.46	1012.50	0.92	ppb
Iron	57-2	977.93	1013.59	981.77	991.09	1.98	ppb
Lead	206-1	191.81	192.85	194.07	192.91	0.59	ppb
Lead	207-1	184.93	183.55	183.93	184.14	0.39	ppb
Lead	208-1	189.03	187.71	189.16	188.63	0.42	ppb
Lithium	6-1				98		%
Magnesium	24-2	1196.54	1161.14	1186.05	1181.24	1.54	ppb
Manganese	55-2	94.79	96.31	97.37	96.15	1.35	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 11:42:26	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	484.93	480.76	475.02	480.24	1.04	ppb
Molybdenum	95-1	494.02	484.01	484.79	487.61	1.14	ppb
Molybdenum	96-1	490.50	484.25	480.64	485.13	1.03	ppb
Molybdenum	97-1	485.53	488.05	478.27	483.95	1.05	ppb
Molybdenum	98-1	485.58	481.17	479.31	482.02	0.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.05	102.52	101.47	101.34	1.22	ppb
Phosphorus	31-2	4.84	-7.92	-3.67	-2.25		ppb
Potassium	39-2	1879.14	1925.30	1918.67	1907.70	1.31	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				106		%
Selenium	77-2	173.98	176.19	210.45	186.87	10.94	ppb
Selenium	78-2	197.99	192.88	193.52	194.80	1.43	ppb
Selenium	82-1	193.90	188.83	190.64	191.12	1.34	ppb
Silicon	28-1	472.25	474.99	477.68	474.97	0.57	ppb
Silver	109-1	100.23	98.96	99.07	99.42	0.70	ppb
Silver	107-1	99.58	98.63	97.78	98.66	0.91	ppb
Sodium	23-2	2010.84	1999.34	2007.44	2005.87	0.29	ppb
Strontium	86-1	484.58	488.17	482.50	485.08	0.59	ppb
Strontium	88-1	490.89	483.82	485.72	486.81	0.75	ppb
Sulfur	34-1	-262.56	-404.24	-295.82	-320.87		ppb
Terbium	159-1				100		%
Terbium	159-2				103		%
Thallium	203-1	193.92	192.75	195.57	194.08	0.73	ppb
Thallium	205-1	194.57	190.62	191.49	192.23	1.08	ppb
Tin	118-1	499.85	494.57	499.08	497.83	0.57	ppb
Titanium	47-1	483.66	481.20	495.49	486.78	1.57	ppb
Uranium	238-1	495.01	495.08	500.09	496.73	0.59	ppb
Vanadium	51-2	92.75	95.36	95.49	94.54	1.63	ppb
Yttrium	89-1				102		%
Yttrium	89-2				105		%
Zinc	66-2	198.75	194.61	196.41	196.59	1.06	ppb
Zirconium	90-1	482.41	478.43	473.86	478.23	0.89	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 11:42:26	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	485.75	479.41	481.81	482.33	0.66	ppb

LB Number : LB90798 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P7
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2017-10-12 11:45:59 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.63	-1.12	-0.40	-0.72		ppb
Antimony	121-1	1.04	0.98	0.84	0.95	11.16	ppb
Arsenic	75-2	0.02	0.15	0.09	0.09	71.30	ppb
Barium	135-1	0.01	0.06	-0.02	0.01	269.24	ppb
Barium	137-1	0.00	-0.03	0.00	-0.01		ppb
Beryllium	9-1	0.03	0.09	0.02	0.05	87.22	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Boron	10-1	9.02	6.82	7.38	7.74	14.78	ppb
Boron	11-1	8.57	6.94	5.55	7.02	21.55	ppb
Cadmium	111-1	0.35	0.03	0.08	0.15	110.69	ppb
Cadmium	106-1	5.39	0.64	1.30	2.45	105.24	ppb
Cadmium	108-1	0.43	0.27	0.11	0.27	60.96	ppb
Calcium	43-1	-22.76	-27.54	-30.16	-26.82		ppb
Calcium	44-1	-15.77	-14.44	-15.37	-15.19		ppb
Chromium	52-2	0.17	0.24	0.10	0.17	41.30	ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.04	0.01	0.10	0.05	95.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				108		%
Indium	115-1				108		%
Indium	115-2				108		%
Iron	56-2	0.58	0.59	0.22	0.46	45.20	ppb
Iron	57-2	-0.80	0.25	-0.45	-0.33		ppb
Lead	206-1	0.08	0.08	0.07	0.08	5.94	ppb
Lead	207-1	0.12	0.13	0.16	0.14	14.76	ppb
Lead	208-1	0.09	0.09	0.09	0.09	0.81	ppb
Lithium	6-1				99		%
Magnesium	24-2	0.93	0.40	0.75	0.69	39.12	ppb
Manganese	55-2	-0.06	-0.04	0.00	-0.03		ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 11:45:59	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.28	0.18	0.17	0.21	29.00	ppb
Molybdenum	95-1	0.48	0.28	0.34	0.37	26.77	ppb
Molybdenum	96-1	0.41	0.32	0.42	0.38	14.04	ppb
Molybdenum	97-1	0.44	0.52	0.38	0.45	16.25	ppb
Molybdenum	98-1	0.61	0.35	0.46	0.47	27.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.01	0.02	-0.01		ppb
Phosphorus	31-2	-7.88	9.22	22.45	7.93	191.79	ppb
Potassium	39-2	11.82	14.56	8.60	11.66	25.58	ppb
Rhodium	103-1				108		%
Rhodium	103-2				108		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-3.32	-1.33	-2.56	-2.40		ppb
Selenium	82-1	0.10	-0.12	-0.80	-0.28		ppb
Silicon	28-1	-1.18	-0.56	-0.67	-0.80		ppb
Silver	109-1	0.03	0.04	0.02	0.03	34.98	ppb
Silver	107-1	0.02	0.00	0.01	0.01	132.75	ppb
Sodium	23-2	66.80	64.38	68.77	66.65	3.30	ppb
Strontium	86-1	0.11	0.18	0.00	0.10	91.27	ppb
Strontium	88-1	0.06	0.02	0.00	0.03	116.26	ppb
Sulfur	34-1	-592.28	-517.86	-952.35	-687.50		ppb
Terbium	159-1				106		%
Terbium	159-2				108		%
Thallium	203-1	0.08	0.07	0.08	0.08	6.24	ppb
Thallium	205-1	0.08	0.07	0.05	0.07	24.28	ppb
Tin	118-1	0.35	0.33	0.18	0.29	31.77	ppb
Titanium	47-1	0.36	0.13	0.09	0.19	75.27	ppb
Uranium	238-1	0.05	0.03	0.03	0.04	30.67	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				107		%
Yttrium	89-2				108		%
Zinc	66-2	-1.19	-0.97	-1.29	-1.15		ppb
Zirconium	90-1	0.08	0.06	0.12	0.09	32.93	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 11:45:59	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.07	0.06	0.07	15.56	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 11:54:02	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90146.27	90374.25	89588.16	90036.22	0.45	ppb
Antimony	121-1	1.24	1.30	1.34	1.29	3.93	ppb
Arsenic	75-2	0.37	0.28	0.34	0.33	13.76	ppb
Barium	135-1	1.94	1.59	1.60	1.71	11.77	ppb
Barium	137-1	1.27	1.54	1.31	1.37	10.46	ppb
Beryllium	9-1	0.29	0.27	0.38	0.31	18.43	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Boron	10-1	2.37	2.40	3.59	2.79	24.90	ppb
Boron	11-1	3.34	4.11	2.92	3.46	17.49	ppb
Cadmium	111-1	0.33	0.48	0.60	0.47	29.23	ppb
Cadmium	106-1	-1.70	-0.26	-0.90	-0.95		ppb
Cadmium	108-1	14.18	12.89	12.32	13.13	7.26	ppb
Calcium	43-1	95005.55	95756.13	94099.72	94953.80	0.87	ppb
Calcium	44-1	92855.41	93912.57	93250.19	93339.39	0.57	ppb
Chromium	52-2	20.04	19.98	20.29	20.10	0.82	ppb
Cobalt	59-2	1.14	1.23	1.19	1.19	3.72	ppb
Copper	63-2	7.85	8.39	7.90	8.05	3.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	102351.86	101922.52	101900.50	102058.29	0.25	ppb
Iron	57-2	101650.55	102262.38	101292.75	101735.23	0.48	ppb
Lead	206-1	4.69	4.71	4.78	4.73	0.96	ppb
Lead	207-1	4.13	4.11	4.20	4.15	1.16	ppb
Lead	208-1	4.38	4.40	4.31	4.36	1.09	ppb
Lithium	6-1				97		%
Magnesium	24-2	99054.00	99792.43	98900.51	99248.98	0.48	ppb
Manganese	55-2	7.95	7.75	8.32	8.01	3.65	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 11:54:02	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	599.08	596.96	590.96	595.66	0.71	ppb
Molybdenum	95-1	1871.89	1882.59	1876.69	1877.05	0.29	ppb
Molybdenum	96-1	1579.58	1573.05	1574.44	1575.69	0.22	ppb
Molybdenum	97-1	1871.71	1878.46	1876.36	1875.51	0.18	ppb
Molybdenum	98-1	1869.54	1877.12	1874.35	1873.67	0.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.80	5.45	5.56	5.61	3.21	ppb
Phosphorus	31-2	96094.56	96127.87	96145.91	96122.78	0.03	ppb
Potassium	39-2	97403.68	96048.64	96869.19	96773.83	0.71	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	77-2	2.45	0.00	0.00	0.82	173.21	ppb
Selenium	78-2	-1.31	-2.28	0.03	-1.19		ppb
Selenium	82-1	-0.49	-0.67	-0.43	-0.53		ppb
Silicon	28-1	16.73	16.07	16.20	16.33	2.14	ppb
Silver	109-1	0.12	0.09	0.10	0.10	18.77	ppb
Silver	107-1	0.03	0.05	0.12	0.07	68.20	ppb
Sodium	23-2	98949.81	98936.77	99065.71	98984.10	0.07	ppb
Strontium	86-1	33.71	32.99	31.91	32.87	2.76	ppb
Strontium	88-1	32.94	31.84	32.94	32.57	1.95	ppb
Sulfur	34-1	98605.60	98876.77	98506.79	98663.05	0.19	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.11	0.12	0.10	0.11	11.30	ppb
Thallium	205-1	0.14	0.17	0.11	0.14	23.63	ppb
Tin	118-1	0.26	0.19	0.25	0.24	16.02	ppb
Titanium	47-1	1873.22	1882.74	1903.66	1886.54	0.83	ppb
Uranium	238-1	0.02	0.02	0.01	0.02	20.84	ppb
Vanadium	51-2	0.16	0.21	0.21	0.19	13.51	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	11.51	11.80	11.62	11.64	1.24	ppb
Zirconium	90-1	0.31	0.20	0.19	0.23	29.98	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 11:54:02	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.18	0.29	0.09	0.19	51.84	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 11:57:32	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89532.52	89374.13	89895.96	89600.87	0.30	ppb
Antimony	121-1	19.37	20.18	20.38	19.98	2.67	ppb
Arsenic	75-2	18.93	18.38	19.17	18.83	2.17	ppb
Barium	135-1	19.94	21.05	21.32	20.77	3.52	ppb
Barium	137-1	19.60	21.72	21.88	21.07	6.04	ppb
Beryllium	9-1	19.20	19.49	20.54	19.74	3.57	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Boron	10-1	56.46	62.54	67.08	62.03	8.58	ppb
Boron	11-1	58.93	61.08	59.40	59.80	1.89	ppb
Cadmium	111-1	19.89	19.35	19.74	19.66	1.40	ppb
Cadmium	106-1	20.43	21.21	15.70	19.11	15.60	ppb
Cadmium	108-1	30.16	33.33	31.81	31.77	5.00	ppb
Calcium	43-1	94056.31	94752.57	95642.98	94817.29	0.84	ppb
Calcium	44-1	92417.47	94637.17	95029.38	94028.01	1.50	ppb
Chromium	52-2	39.37	40.35	38.93	39.55	1.84	ppb
Cobalt	59-2	21.44	21.36	21.02	21.27	1.03	ppb
Copper	63-2	28.08	28.17	28.09	28.11	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				104		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	100285.87	102168.35	100871.77	101108.66	0.95	ppb
Iron	57-2	99945.01	102058.62	100718.81	100907.48	1.06	ppb
Lead	206-1	24.93	25.21	25.04	25.06	0.55	ppb
Lead	207-1	22.95	23.10	23.02	23.02	0.31	ppb
Lead	208-1	23.65	23.67	23.59	23.64	0.16	ppb
Lithium	6-1				96		%
Magnesium	24-2	96952.16	98513.05	98391.38	97952.19	0.89	ppb
Manganese	55-2	27.59	28.67	27.98	28.08	1.95	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 11:57:32	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	653.90	651.48	656.45	653.94	0.38	ppb
Molybdenum	95-1	1953.11	1945.02	1946.71	1948.28	0.22	ppb
Molybdenum	96-1	1646.57	1647.54	1632.77	1642.29	0.50	ppb
Molybdenum	97-1	1951.08	1953.37	1954.53	1952.99	0.09	ppb
Molybdenum	98-1	1944.54	1937.13	1947.31	1943.00	0.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.70	24.74	25.44	24.96	1.66	ppb
Phosphorus	31-2	93142.33	97044.98	95790.02	95325.78	2.09	ppb
Potassium	39-2	94944.77	95593.73	95696.61	95411.70	0.43	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				102		%
Scandium	45-2				104		%
Selenium	77-2	23.46	9.81	14.93	16.07	42.93	ppb
Selenium	78-2	18.80	19.62	19.21	19.21	2.13	ppb
Selenium	82-1	20.38	20.76	23.00	21.38	6.63	ppb
Silicon	28-1	72.08	72.96	74.07	73.04	1.36	ppb
Silver	109-1	18.38	17.97	18.42	18.26	1.35	ppb
Silver	107-1	17.91	18.27	18.57	18.25	1.82	ppb
Sodium	23-2	97361.78	98250.03	97776.19	97796.00	0.45	ppb
Strontium	86-1	88.01	89.92	93.28	90.40	2.95	ppb
Strontium	88-1	91.41	90.35	90.44	90.73	0.65	ppb
Sulfur	34-1	98777.00	99064.86	98681.14	98841.00	0.20	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	19.56	20.10	19.33	19.66	2.01	ppb
Thallium	205-1	19.64	20.31	19.77	19.91	1.80	ppb
Tin	118-1	58.31	56.25	59.59	58.05	2.91	ppb
Titanium	47-1	1928.78	1941.30	1959.85	1943.31	0.80	ppb
Uranium	238-1	57.25	57.44	57.29	57.33	0.18	ppb
Vanadium	51-2	19.25	18.91	19.68	19.28	2.00	ppb
Yttrium	89-1				103		%
Yttrium	89-2				104		%
Zinc	66-2	30.58	31.98	32.41	31.66	3.02	ppb
Zirconium	90-1	57.32	56.45	57.14	56.97	0.81	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 11:57:32	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	57.05	57.67	59.15	57.96	1.86	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	CCV077	Instrumnet Name :	P7
Client Sample ID :	CCV077	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:01:01	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50341.79	49579.39	50010.75	49977.31	0.76	ppb
Antimony	121-1	496.28	499.45	500.67	498.80	0.45	ppb
Arsenic	75-2	499.12	491.43	498.25	496.26	0.85	ppb
Barium	135-1	2539.77	2528.63	2533.44	2533.94	0.22	ppb
Barium	137-1	2531.72	2513.20	2532.99	2525.97	0.44	ppb
Beryllium	9-1	509.71	508.97	516.16	511.61	0.77	ppb
Bismuth	209-1				95		%
Bismuth	209-2				93		%
Boron	10-1	518.48	496.25	517.90	510.88	2.48	ppb
Boron	11-1	496.89	493.75	504.31	498.32	1.09	ppb
Cadmium	111-1	496.44	490.54	500.17	495.72	0.98	ppb
Cadmium	106-1	478.29	494.55	487.97	486.94	1.68	ppb
Cadmium	108-1	486.27	508.38	493.77	496.14	2.27	ppb
Calcium	43-1	240899.47	239107.94	239640.34	239882.58	0.38	ppb
Calcium	44-1	235641.53	240788.30	235749.60	237393.14	1.24	ppb
Chromium	52-2	505.19	501.74	500.27	502.40	0.50	ppb
Cobalt	59-2	490.23	487.76	485.99	487.99	0.44	ppb
Copper	63-2	955.94	949.19	950.36	951.83	0.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	124831.54	124112.39	124278.02	124407.31	0.30	ppb
Iron	57-2	124482.31	123258.92	123103.39	123614.88	0.61	ppb
Lead	206-1	510.39	502.79	509.68	507.62	0.83	ppb
Lead	207-1	507.14	503.71	506.37	505.74	0.36	ppb
Lead	208-1	505.96	502.46	505.02	504.48	0.36	ppb
Lithium	6-1				93		%
Magnesium	24-2	249755.74	248674.00	252233.35	250221.03	0.73	ppb
Manganese	55-2	1000.33	999.79	985.24	995.12	0.86	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	CCV077	Instrumnet Name :	P7
Client Sample ID :	CCV077	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:01:01	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	508.82	503.70	504.19	505.57	0.56	ppb
Molybdenum	95-1	508.68	502.68	499.85	503.74	0.89	ppb
Molybdenum	96-1	504.57	506.28	506.94	505.93	0.24	ppb
Molybdenum	97-1	507.04	504.90	511.72	507.89	0.69	ppb
Molybdenum	98-1	504.48	500.92	504.85	503.42	0.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	490.46	483.02	487.52	487.00	0.77	ppb
Phosphorus	31-2	10500.31	9955.14	10118.83	10191.43	2.74	ppb
Potassium	39-2	123158.35	122670.52	122857.97	122895.61	0.20	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				102		%
Scandium	45-2				109		%
Selenium	77-2	532.60	466.08	488.94	495.87	6.82	ppb
Selenium	78-2	494.09	512.03	492.19	499.44	2.19	ppb
Selenium	82-1	490.00	497.96	487.29	491.75	1.13	ppb
Silicon	28-1	538.31	544.82	545.59	542.91	0.74	ppb
Silver	109-1	495.38	492.51	497.45	495.11	0.50	ppb
Silver	107-1	492.76	490.17	494.56	492.50	0.45	ppb
Sodium	23-2	248507.68	244927.26	246783.52	246739.49	0.73	ppb
Strontium	86-1	522.77	516.27	514.22	517.75	0.86	ppb
Strontium	88-1	518.42	512.30	515.36	515.36	0.59	ppb
Sulfur	34-1	9513.41	9861.77	9933.26	9769.48	2.30	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	510.00	507.20	506.27	507.82	0.38	ppb
Thallium	205-1	510.02	500.28	509.76	506.69	1.10	ppb
Tin	118-1	504.56	502.37	505.27	504.07	0.30	ppb
Titanium	47-1	504.44	509.29	507.61	507.11	0.49	ppb
Uranium	238-1	506.91	513.20	511.49	510.53	0.64	ppb
Vanadium	51-2	503.85	501.17	498.44	501.15	0.54	ppb
Yttrium	89-1				102		%
Yttrium	89-2				106		%
Zinc	66-2	965.75	954.03	958.33	959.37	0.62	ppb
Zirconium	90-1	501.49	501.57	499.28	500.78	0.26	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	CCV077	Instrumnet Name :	P7
Client Sample ID :	CCV077	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:01:01	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	507.72	509.70	505.14	507.52	0.45	ppb

LB Number : LB90798 Operator : Jaswal
 Lab Sample ID : CCB077 Instrumnet Name : P7
 Client Sample ID : CCB077 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-12 12:05:56 DataFile Name : 018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.04	1.77	1.03	1.28	33.35	ppb
Antimony	121-1	0.78	0.83	0.76	0.79	4.53	ppb
Arsenic	75-2	0.10	0.11	0.17	0.13	29.11	ppb
Barium	135-1	0.01	-0.02	0.09	0.03	201.89	ppb
Barium	137-1	0.10	0.06	0.03	0.06	49.43	ppb
Beryllium	9-1	0.05	0.05	0.02	0.04	47.08	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	4.27	4.85	6.06	5.06	18.08	ppb
Boron	11-1	4.96	5.10	4.98	5.01	1.56	ppb
Cadmium	111-1	0.17	0.10	0.09	0.12	39.32	ppb
Cadmium	106-1	2.72	1.88	0.67	1.76	58.65	ppb
Cadmium	108-1	0.30	0.64	-0.06	0.29	119.48	ppb
Calcium	43-1	-3.75	19.31	-14.08	0.49	3470.75	ppb
Calcium	44-1	17.13	11.37	18.30	15.60	23.77	ppb
Chromium	52-2	-0.11	0.05	-0.04	-0.03		ppb
Cobalt	59-2	0.01	0.02	0.01	0.01	74.89	ppb
Copper	63-2	0.13	0.27	0.22	0.21	33.28	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				97		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	56-2	4.25	4.50	4.10	4.28	4.71	ppb
Iron	57-2	6.86	6.54	2.44	5.28	46.66	ppb
Lead	206-1	0.08	0.13	0.03	0.08	64.68	ppb
Lead	207-1	0.07	0.05	0.08	0.06	24.93	ppb
Lead	208-1	0.08	0.11	0.07	0.09	23.69	ppb
Lithium	6-1				96		%
Magnesium	24-2	4.48	6.21	5.65	5.45	16.19	ppb
Manganese	55-2	0.03	0.07	0.09	0.06	47.44	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	CCB077	Instrumnet Name :	P7
Client Sample ID :	CCB077	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:05:56	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.19	0.13	0.20	0.17	21.20	ppb
Molybdenum	95-1	0.68	0.30	0.45	0.48	39.67	ppb
Molybdenum	96-1	0.50	0.36	0.35	0.41	19.97	ppb
Molybdenum	97-1	0.42	0.62	0.36	0.47	29.12	ppb
Molybdenum	98-1	0.51	0.51	0.42	0.48	11.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.03	-0.04	-0.03		ppb
Phosphorus	31-2	0.70	13.83	26.52	13.68	94.36	ppb
Potassium	39-2	97.82	71.03	82.42	83.75	16.06	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				105		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.07	2.12	-0.80	0.42	364.93	ppb
Selenium	82-1	-0.82	-1.94	-0.65	-1.14		ppb
Silicon	28-1	-1.26	-1.43	-1.87	-1.52		ppb
Silver	109-1	0.08	0.07	0.08	0.08	7.08	ppb
Silver	107-1	0.08	0.05	0.06	0.06	29.40	ppb
Sodium	23-2	124.20	121.34	117.25	120.93	2.89	ppb
Strontium	86-1	-0.03	0.03	0.05	0.02	254.10	ppb
Strontium	88-1	0.02	0.02	0.02	0.02	22.71	ppb
Sulfur	34-1	-538.73	-467.70	-647.26	-551.23		ppb
Terbium	159-1				98		%
Terbium	159-2				101		%
Thallium	203-1	0.11	0.18	0.09	0.13	36.38	ppb
Thallium	205-1	0.11	0.11	0.12	0.12	6.04	ppb
Tin	118-1	0.18	0.25	0.28	0.24	20.77	ppb
Titanium	47-1	0.29	0.43	0.14	0.29	49.96	ppb
Uranium	238-1	0.01	0.01	0.02	0.01	32.01	ppb
Vanadium	51-2	0.01	0.02	0.01	0.01	67.46	ppb
Yttrium	89-1				101		%
Yttrium	89-2				105		%
Zinc	66-2	0.47	0.02	-0.20	0.10	358.60	ppb
Zirconium	90-1	0.06	0.08	0.12	0.09	33.87	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	CCB077	Instrumnet Name :	P7
Client Sample ID :	CCB077	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:05:56	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.04	0.17	0.07	118.25	ppb

LB Number : LB90798 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P7
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2017-10-12 12:09:27 DataFile Name : 019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.73	19.22	21.06	20.00	4.75	ppb
Antimony	121-1	2.17	1.89	2.00	2.02	6.86	ppb
Arsenic	75-2	0.78	0.69	1.04	0.84	21.75	ppb
Barium	135-1	9.14	9.44	9.13	9.24	1.86	ppb
Barium	137-1	9.24	9.53	9.66	9.48	2.26	ppb
Beryllium	9-1	0.99	1.13	1.03	1.05	7.21	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	25.46	26.84	27.69	26.66	4.23	ppb
Boron	11-1	22.72	23.26	24.31	23.43	3.46	ppb
Cadmium	111-1	1.11	1.02	0.89	1.00	10.66	ppb
Cadmium	106-1	2.86	1.62	0.38	1.62	76.57	ppb
Cadmium	108-1	0.82	0.64	1.00	0.82	21.56	ppb
Calcium	43-1	452.86	451.58	357.36	420.60	13.02	ppb
Calcium	44-1	415.40	415.13	408.28	412.94	0.98	ppb
Chromium	52-2	2.08	2.19	2.14	2.14	2.75	ppb
Cobalt	59-2	1.06	0.97	0.99	1.01	4.51	ppb
Copper	63-2	2.14	2.15	1.99	2.09	4.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	56-2	50.60	51.22	51.34	51.06	0.77	ppb
Iron	57-2	49.71	57.28	55.65	54.21	7.35	ppb
Lead	206-1	0.94	0.97	0.79	0.90	10.90	ppb
Lead	207-1	0.97	1.02	0.96	0.98	3.13	ppb
Lead	208-1	0.91	1.00	0.88	0.93	6.81	ppb
Lithium	6-1				96		%
Magnesium	24-2	451.31	479.76	477.96	469.68	3.39	ppb
Manganese	55-2	1.03	1.01	1.17	1.07	8.08	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:09:27	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.08	2.07	2.14	2.09	1.76	ppb
Molybdenum	95-1	4.58	5.29	4.65	4.84	8.00	ppb
Molybdenum	96-1	3.98	3.94	3.72	3.88	3.60	ppb
Molybdenum	97-1	5.09	4.76	4.35	4.73	7.85	ppb
Molybdenum	98-1	5.00	4.73	4.81	4.85	2.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.02	1.14	1.07	1.08	5.68	ppb
Phosphorus	31-2	13.72	35.90	13.57	21.06	61.02	ppb
Potassium	39-2	522.79	530.69	507.02	520.17	2.32	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				105		%
Selenium	77-2	2.43	1.21	2.41	2.02	34.51	ppb
Selenium	78-2	4.49	5.29	5.16	4.98	8.67	ppb
Selenium	82-1	3.42	4.06	3.24	3.58	12.00	ppb
Silicon	28-1	12.94	13.15	11.26	12.45	8.34	ppb
Silver	109-1	1.03	1.02	1.14	1.06	6.56	ppb
Silver	107-1	1.05	1.00	0.88	0.98	8.82	ppb
Sodium	23-2	562.77	587.23	578.60	576.20	2.15	ppb
Strontium	86-1	0.70	1.05	0.82	0.85	20.56	ppb
Strontium	88-1	0.86	0.94	1.03	0.94	9.32	ppb
Sulfur	34-1	-228.01	-436.08	-434.39	-366.16		ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	0.91	0.85	1.03	0.93	9.38	ppb
Thallium	205-1	0.96	0.98	0.94	0.96	2.15	ppb
Tin	118-1	4.98	4.81	4.71	4.83	2.83	ppb
Titanium	47-1	5.06	4.59	3.48	4.37	18.55	ppb
Uranium	238-1	0.80	0.88	0.85	0.84	5.29	ppb
Vanadium	51-2	4.43	4.70	4.49	4.54	3.16	ppb
Yttrium	89-1				101		%
Yttrium	89-2				106		%
Zinc	66-2	0.60	1.68	1.02	1.10	49.62	ppb
Zirconium	90-1	1.00	1.10	0.96	1.02	6.81	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:09:27	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.12	1.33	0.96	1.14	16.27	ppb

LB Number : LB90798 Operator : Jaswal
 Lab Sample ID : PB103158BL Instrumnet Name : P7
 Client Sample ID : PBS008 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-12 12:12:59 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.88	0.32	-0.39	-0.32		ppb
Antimony	121-1	0.25	0.20	0.22	0.22	9.27	ppb
Arsenic	75-2	0.08	0.11	0.06	0.08	33.22	ppb
Barium	135-1	-0.02	0.06	-0.02	0.01	493.56	ppb
Barium	137-1	0.06	0.05	0.00	0.04	88.43	ppb
Beryllium	9-1	0.03	0.03	-0.01	0.02	155.24	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	2.19	2.84	2.24	2.42	14.93	ppb
Boron	11-1	2.65	3.14	2.54	2.78	11.45	ppb
Cadmium	111-1	0.04	0.06	0.20	0.10	91.09	ppb
Cadmium	106-1	0.52	0.59	2.75	1.29	98.32	ppb
Cadmium	108-1	-0.06	-0.06	-0.06	-0.06		ppb
Calcium	43-1	-7.02	-27.13	-16.86	-17.01		ppb
Calcium	44-1	-3.91	-6.97	-6.89	-5.92		ppb
Chromium	52-2	-0.13	-0.17	-0.12	-0.14		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	949.98	ppb
Copper	63-2	0.09	0.07	0.12	0.10	27.45	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				99		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	56-2	0.48	0.97	1.56	1.00	53.50	ppb
Iron	57-2	0.61	1.38	3.23	1.74	77.30	ppb
Lead	206-1	0.02	0.00	0.10	0.04	136.30	ppb
Lead	207-1	0.09	0.16	0.05	0.10	54.34	ppb
Lead	208-1	0.06	0.06	0.06	0.06	3.06	ppb
Lithium	6-1				96		%
Magnesium	24-2	1.41	1.94	3.14	2.16	40.91	ppb
Manganese	55-2	0.05	0.01	-0.05	0.00	1030.29	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	PB103158BL	Instrumnet Name :	P7
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:12:59	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.11	0.03	0.11	0.08	53.39	ppb
Molybdenum	95-1	0.16	0.13	0.15	0.15	13.28	ppb
Molybdenum	96-1	0.16	0.14	0.17	0.16	9.42	ppb
Molybdenum	97-1	0.04	0.19	0.12	0.11	66.38	ppb
Molybdenum	98-1	0.20	0.13	0.15	0.16	20.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.07	-0.01	0.03	-0.02		ppb
Phosphorus	31-2	0.61	9.39	0.77	3.59	139.92	ppb
Potassium	39-2	47.66	57.91	56.98	54.18	10.47	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				105		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.92	0.31	0.06	-0.19		ppb
Selenium	82-1	-0.60	-0.58	-0.33	-0.50		ppb
Silicon	28-1	-3.61	-3.67	-3.86	-3.71		ppb
Silver	109-1	0.02	0.01	0.02	0.02	46.92	ppb
Silver	107-1	0.00	0.01	0.01	0.00	169.67	ppb
Sodium	23-2	88.86	103.65	96.51	96.34	7.68	ppb
Strontium	86-1	0.10	0.00	-0.03	0.02	313.93	ppb
Strontium	88-1	0.00	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-503.17	-243.58	-133.75	-293.50		ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	0.03	0.02	0.03	0.03	11.10	ppb
Thallium	205-1	0.02	0.05	0.02	0.03	58.71	ppb
Tin	118-1	0.12	0.03	0.09	0.08	57.14	ppb
Titanium	47-1	0.09	0.09	0.00	0.06	87.79	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	97.13	ppb
Vanadium	51-2	0.02	0.01	0.01	0.01	50.80	ppb
Yttrium	89-1				102		%
Yttrium	89-2				105		%
Zinc	66-2	-0.28	-0.53	-0.50	-0.43		ppb
Zirconium	90-1	0.03	0.03	0.05	0.04	35.97	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	PB103158BL	Instrumnet Name :	P7
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:12:59	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.02	0.08	0.05	57.32	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	PB103158BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:16:32	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31.52	39.83	39.68	37.01	12.84	ppb
Antimony	121-1	3.62	3.97	3.91	3.83	4.84	ppb
Arsenic	75-2	2.04	1.96	1.90	1.97	3.58	ppb
Barium	135-1	19.64	20.05	18.34	19.34	4.61	ppb
Barium	137-1	18.60	19.68	19.02	19.10	2.87	ppb
Beryllium	9-1	1.79	1.98	1.74	1.84	6.97	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	46.49	43.45	48.96	46.30	5.96	ppb
Boron	11-1	44.22	41.72	45.65	43.86	4.54	ppb
Cadmium	111-1	2.01	1.96	1.98	1.98	1.19	ppb
Cadmium	106-1	2.60	1.46	4.24	2.77	50.52	ppb
Cadmium	108-1	2.01	1.16	2.72	1.96	39.92	ppb
Calcium	43-1	951.62	819.69	871.39	880.90	7.55	ppb
Calcium	44-1	898.30	847.07	889.35	878.24	3.12	ppb
Chromium	52-2	4.02	3.79	4.24	4.02	5.64	ppb
Cobalt	59-2	2.02	2.08	1.91	2.00	4.29	ppb
Copper	63-2	3.88	3.95	4.12	3.99	3.16	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				99		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	400.97	414.61	404.15	406.58	1.75	ppb
Iron	57-2	419.04	407.23	388.98	405.08	3.74	ppb
Lead	206-1	2.03	1.87	1.79	1.90	6.40	ppb
Lead	207-1	1.88	2.03	1.88	1.93	4.37	ppb
Lead	208-1	2.01	2.02	1.90	1.98	3.37	ppb
Lithium	6-1				97		%
Magnesium	24-2	960.47	987.41	958.55	968.81	1.67	ppb
Manganese	55-2	2.13	2.34	1.97	2.14	8.80	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	PB103158BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:16:32	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.09	3.96	4.08	4.05	1.76	ppb
Molybdenum	95-1	9.81	9.42	9.09	9.44	3.82	ppb
Molybdenum	96-1	7.40	8.81	8.29	8.16	8.74	ppb
Molybdenum	97-1	8.62	8.69	8.67	8.66	0.44	ppb
Molybdenum	98-1	9.21	9.28	9.51	9.33	1.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.92	2.34	2.27	2.18	10.22	ppb
Phosphorus	31-2	17.85	14.05	26.53	19.48	32.85	ppb
Potassium	39-2	966.48	1013.38	962.06	980.64	2.90	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				105		%
Selenium	77-2	18.36	10.97	14.58	14.64	25.22	ppb
Selenium	78-2	9.84	13.20	11.32	11.45	14.71	ppb
Selenium	82-1	11.68	13.75	10.17	11.87	15.16	ppb
Silicon	28-1	24.03	25.23	25.20	24.82	2.75	ppb
Silver	109-1	1.95	1.99	2.11	2.01	4.13	ppb
Silver	107-1	1.95	1.97	2.17	2.03	5.99	ppb
Sodium	23-2	1031.11	1064.56	1052.98	1049.55	1.62	ppb
Strontium	86-1	1.94	1.96	1.92	1.94	0.93	ppb
Strontium	88-1	1.81	1.82	1.90	1.84	2.54	ppb
Sulfur	34-1	-236.01	-287.77	-502.13	-341.97		ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	1.87	2.00	2.02	1.97	4.16	ppb
Thallium	205-1	1.82	1.92	1.81	1.85	3.34	ppb
Tin	118-1	9.12	9.68	9.66	9.49	3.38	ppb
Titanium	47-1	9.17	8.20	8.99	8.79	5.85	ppb
Uranium	238-1	1.74	1.70	1.75	1.73	1.39	ppb
Vanadium	51-2	9.18	9.80	9.91	9.63	4.07	ppb
Yttrium	89-1				102		%
Yttrium	89-2				105		%
Zinc	66-2	3.59	3.81	4.41	3.93	10.82	ppb
Zirconium	90-1	2.01	1.78	1.75	1.85	7.79	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	PB103158BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:16:32	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	2.17	2.07	2.01	2.08	3.87	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-01	Instrumnet Name :	P7
Client Sample ID :	B-38(FILL)_100917	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:20:04	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12046.80	12312.92	12380.83	12246.85	1.44	ppb
Antimony	121-1	13.51	14.00	13.91	13.81	1.89	ppb
Arsenic	75-2	15.76	17.22	16.39	16.46	4.46	ppb
Barium	135-1	1692.06	1688.76	1683.13	1687.98	0.27	ppb
Barium	137-1	1693.36	1677.62	1673.21	1681.39	0.63	ppb
Beryllium	9-1	0.77	0.87	1.07	0.90	16.87	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	17.36	18.50	20.00	18.62	7.13	ppb
Boron	11-1	22.68	20.16	21.07	21.30	5.99	ppb
Cadmium	111-1	7.93	7.64	8.08	7.88	2.85	ppb
Cadmium	106-1	9.72	9.38	9.34	9.48	2.23	ppb
Cadmium	108-1	9.33	7.37	6.85	7.85	16.69	ppb
Calcium	43-1	37106.40	37005.10	36906.43	37005.98	0.27	ppb
Calcium	44-1	36446.46	35398.88	36323.14	36056.16	1.59	ppb
Chromium	52-2	98.34	100.31	101.15	99.93	1.44	ppb
Cobalt	59-2	34.84	35.51	36.55	35.63	2.42	ppb
Copper	63-2	248.32	251.72	252.87	250.97	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				103		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	37420.95	38329.81	38606.24	38119.00	1.63	ppb
Iron	57-2	37375.46	38157.14	38330.14	37954.25	1.34	ppb
Lead	206-1	2032.74	1998.39	2022.76	2017.96	0.88	ppb
Lead	207-1	1880.11	1859.37	1886.32	1875.27	0.75	ppb
Lead	208-1	1949.89	1921.41	1950.23	1940.51	0.85	ppb
Lithium	6-1				101		%
Magnesium	24-2	5578.07	5717.02	5705.97	5667.02	1.36	ppb
Manganese	55-2	772.61	793.10	797.19	787.63	1.67	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-01	Instrumnet Name :	P7
Client Sample ID :	B-38(FILL)_100917	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:20:04	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.26	2.16	2.25	2.22	2.46	ppb
Molybdenum	95-1	2.76	2.91	2.49	2.72	7.77	ppb
Molybdenum	96-1	2.70	2.73	2.82	2.75	2.38	ppb
Molybdenum	97-1	2.72	2.68	2.60	2.66	2.31	ppb
Molybdenum	98-1	2.57	2.42	2.91	2.63	9.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	37.27	38.07	38.58	37.97	1.74	ppb
Phosphorus	31-2	827.49	813.79	912.95	851.41	6.31	ppb
Potassium	39-2	1015.90	1064.30	1046.87	1042.36	2.35	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	77-2	15.45	7.22	9.78	10.82	38.94	ppb
Selenium	78-2	-0.94	0.55	-0.30	-0.23		ppb
Selenium	82-1	1.28	1.41	0.59	1.10	40.22	ppb
Silicon	28-1	2518.45	2502.81	2574.59	2531.95	1.49	ppb
Silver	109-1	2.61	2.64	2.56	2.60	1.44	ppb
Silver	107-1	2.51	2.63	2.50	2.55	2.74	ppb
Sodium	23-2	514.35	528.00	534.93	525.76	1.99	ppb
Strontium	86-1	171.89	167.34	170.14	169.79	1.35	ppb
Strontium	88-1	173.46	173.01	172.46	172.98	0.29	ppb
Sulfur	34-1	656.78	792.30	839.09	762.72	12.41	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.23	0.24	0.24	0.24	3.44	ppb
Thallium	205-1	0.25	0.27	0.27	0.26	4.90	ppb
Tin	118-1	52.58	51.60	52.32	52.17	0.97	ppb
Titanium	47-1	340.87	329.31	334.32	334.83	1.73	ppb
Uranium	238-1	0.83	0.80	0.83	0.82	2.03	ppb
Vanadium	51-2	36.96	37.17	38.26	37.46	1.86	ppb
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	3037.54	3120.81	3154.63	3104.32	1.94	ppb
Zirconium	90-1	1.85	1.77	1.83	1.81	2.39	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-01	Instrumnet Name :	P7
Client Sample ID :	B-38(FILL)_100917	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:20:04	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.93	1.72	1.61	1.75	9.23	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-02	Instrumnet Name :	P7
Client Sample ID :	B-38(FILL)_100917D	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:23:35	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12159.34	12172.10	12274.72	12202.05	0.52	ppb
Antimony	121-1	13.24	13.80	13.02	13.35	3.02	ppb
Arsenic	75-2	15.75	16.05	17.40	16.40	5.35	ppb
Barium	135-1	1650.88	1642.28	1642.33	1645.16	0.30	ppb
Barium	137-1	1660.20	1643.89	1643.82	1649.30	0.57	ppb
Beryllium	9-1	0.85	0.90	0.98	0.91	7.18	ppb
Bismuth	209-1				107		%
Bismuth	209-2				100		%
Boron	10-1	17.12	22.60	21.42	20.38	14.16	ppb
Boron	11-1	20.22	21.41	19.84	20.49	3.99	ppb
Cadmium	111-1	6.74	7.02	7.56	7.11	5.81	ppb
Cadmium	106-1	6.61	6.38	5.47	6.15	9.78	ppb
Cadmium	108-1	6.09	6.58	6.10	6.26	4.45	ppb
Calcium	43-1	37283.04	36630.77	36349.05	36754.29	1.30	ppb
Calcium	44-1	35754.59	35541.14	35650.79	35648.84	0.30	ppb
Chromium	52-2	100.89	103.79	104.12	102.93	1.73	ppb
Cobalt	59-2	35.42	36.90	36.54	36.29	2.13	ppb
Copper	63-2	259.18	261.30	263.11	261.20	0.75	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				108		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				101		%
Iron	56-2	38372.01	38907.50	38841.07	38706.86	0.75	ppb
Iron	57-2	37982.13	38848.93	38827.43	38552.83	1.28	ppb
Lead	206-1	2032.74	2010.50	2023.27	2022.17	0.55	ppb
Lead	207-1	1895.08	1867.07	1880.87	1881.01	0.74	ppb
Lead	208-1	1958.48	1937.44	1945.16	1947.02	0.55	ppb
Lithium	6-1				103		%
Magnesium	24-2	5782.32	5833.68	5703.48	5773.16	1.14	ppb
Manganese	55-2	791.50	802.65	798.54	797.57	0.71	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-02	Instrumnet Name :	P7
Client Sample ID :	B-38(FILL)_100917D	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:23:35	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.89	1.96	1.98	1.94	2.43	ppb
Molybdenum	95-1	2.60	2.52	2.62	2.58	2.00	ppb
Molybdenum	96-1	2.68	2.38	2.77	2.61	7.83	ppb
Molybdenum	97-1	2.80	2.81	2.50	2.70	6.49	ppb
Molybdenum	98-1	2.62	2.74	2.54	2.63	3.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	38.64	38.76	39.96	39.12	1.86	ppb
Phosphorus	31-2	860.50	882.17	910.96	884.54	2.86	ppb
Potassium	39-2	1009.12	1055.42	1048.08	1037.54	2.40	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				98		%
Selenium	77-2	14.63	13.54	4.92	11.03	48.26	ppb
Selenium	78-2	-0.72	-3.70	1.38	-1.01		ppb
Selenium	82-1	1.36	1.10	-1.33	0.38	394.79	ppb
Silicon	28-1	2446.06	2491.64	2463.50	2467.07	0.93	ppb
Silver	109-1	2.62	2.84	2.57	2.68	5.37	ppb
Silver	107-1	2.82	2.76	2.52	2.70	5.85	ppb
Sodium	23-2	511.06	495.74	496.89	501.23	1.70	ppb
Strontium	86-1	169.64	168.42	173.14	170.40	1.44	ppb
Strontium	88-1	170.19	172.12	170.11	170.81	0.67	ppb
Sulfur	34-1	596.25	568.02	510.26	558.18	7.85	ppb
Terbium	159-1				107		%
Terbium	159-2				102		%
Thallium	203-1	0.15	0.16	0.21	0.17	17.67	ppb
Thallium	205-1	0.20	0.22	0.22	0.21	5.72	ppb
Tin	118-1	49.90	50.88	50.06	50.28	1.04	ppb
Titanium	47-1	331.44	337.48	340.20	336.37	1.33	ppb
Uranium	238-1	0.83	0.86	0.81	0.83	2.71	ppb
Vanadium	51-2	37.48	38.78	38.73	38.33	1.93	ppb
Yttrium	89-1				110		%
Yttrium	89-2				104		%
Zinc	66-2	3110.60	3169.61	3155.62	3145.28	0.98	ppb
Zirconium	90-1	1.70	1.68	1.80	1.73	3.96	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-02	Instrumnet Name :	P7
Client Sample ID :	B-38(FILL)_100917D	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:23:35	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.77	1.63	1.88	1.76	7.07	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-01LX5	Instrumnet Name :	P7
Client Sample ID :	B-38(FILL)_100917L	Dilution Factor :	5
Date & Time Acquired ::	2017-10-12 12:27:07	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2561.12	2518.62	2572.11	2550.62	1.11	ppb
Antimony	121-1	2.58	2.74	2.83	2.72	4.61	ppb
Arsenic	75-2	3.29	3.87	3.64	3.60	8.12	ppb
Barium	135-1	337.30	342.40	341.60	340.43	0.81	ppb
Barium	137-1	338.85	344.49	344.12	342.49	0.92	ppb
Beryllium	9-1	0.15	0.38	0.12	0.21	68.09	ppb
Bismuth	209-1				109		%
Bismuth	209-2				103		%
Boron	10-1	5.17	4.64	4.20	4.67	10.33	ppb
Boron	11-1	4.65	5.61	4.80	5.02	10.22	ppb
Cadmium	111-1	1.65	1.67	1.30	1.54	13.31	ppb
Cadmium	106-1	1.80	2.06	0.55	1.47	54.81	ppb
Cadmium	108-1	1.39	2.03	1.22	1.54	27.85	ppb
Calcium	43-1	7840.32	7829.34	7879.58	7849.74	0.34	ppb
Calcium	44-1	7579.69	7573.71	7587.83	7580.41	0.09	ppb
Chromium	52-2	21.46	21.01	21.09	21.19	1.15	ppb
Cobalt	59-2	7.79	7.70	7.83	7.77	0.85	ppb
Copper	63-2	54.25	53.86	54.22	54.11	0.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				107		%
Indium	115-2				101		%
Iron	56-2	8128.52	8144.13	8153.24	8141.96	0.15	ppb
Iron	57-2	8117.71	8147.01	8149.52	8138.08	0.22	ppb
Lead	206-1	418.82	417.30	416.48	417.53	0.28	ppb
Lead	207-1	389.15	389.07	387.26	388.49	0.27	ppb
Lead	208-1	402.31	400.76	400.66	401.24	0.23	ppb
Lithium	6-1				100		%
Magnesium	24-2	1207.73	1228.59	1195.21	1210.51	1.39	ppb
Manganese	55-2	168.97	167.40	165.22	167.20	1.13	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-01LX5	Instrumnet Name :	P7
Client Sample ID :	B-38(FILL)_ 100917L	Dilution Factor :	5
Date & Time Acquired ::	2017-10-12 12:27:07	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.43	0.46	0.49	0.46	6.62	ppb
Molybdenum	95-1	0.58	0.53	0.46	0.52	11.36	ppb
Molybdenum	96-1	0.62	0.63	0.55	0.60	7.52	ppb
Molybdenum	97-1	0.63	0.44	0.68	0.58	21.63	ppb
Molybdenum	98-1	0.64	0.64	0.62	0.63	2.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.28	8.39	8.27	8.32	0.81	ppb
Phosphorus	31-2	193.68	164.62	163.70	174.00	9.80	ppb
Potassium	39-2	203.20	223.13	203.23	209.85	5.48	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	77-2	2.53	0.00	2.52	1.68	86.60	ppb
Selenium	78-2	-1.88	-0.21	-3.15	-1.75		ppb
Selenium	82-1	-0.45	-0.26	-1.03	-0.58		ppb
Silicon	28-1	531.99	510.95	522.21	521.71	2.02	ppb
Silver	109-1	0.55	0.54	0.57	0.55	2.63	ppb
Silver	107-1	0.60	0.61	0.54	0.58	6.64	ppb
Sodium	23-2	143.04	136.85	139.00	139.63	2.25	ppb
Strontium	86-1	36.76	37.80	37.62	37.40	1.48	ppb
Strontium	88-1	37.37	37.38	36.49	37.08	1.38	ppb
Sulfur	34-1	-688.99	-1189.63	-1307.72	-1062.11		ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	0.03	0.05	0.03	0.04	24.61	ppb
Thallium	205-1	0.06	0.06	0.07	0.07	8.34	ppb
Tin	118-1	10.84	10.81	10.63	10.76	1.06	ppb
Titanium	47-1	65.63	69.19	82.39	72.40	12.20	ppb
Uranium	238-1	0.18	0.17	0.19	0.18	5.90	ppb
Vanadium	51-2	7.86	8.16	8.09	8.04	1.96	ppb
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	683.18	671.51	674.53	676.41	0.90	ppb
Zirconium	90-1	0.57	0.37	0.43	0.46	22.79	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-01LX5	Instrumnet Name :	P7
Client Sample ID :	B-38(FILL)_100917L	Dilution Factor :	5
Date & Time Acquired ::	2017-10-12 12:27:07	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.27	0.29	0.21	0.26	14.61	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-03	Instrumnet Name :	P7
Client Sample ID :	B-38(FILL)_100917S	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:30:40	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12043.73	12112.92	12223.37	12126.67	0.75	ppb
Antimony	121-1	30.60	30.47	30.43	30.50	0.28	ppb
Arsenic	75-2	21.14	22.52	22.89	22.18	4.15	ppb
Barium	135-1	1933.84	1938.46	1936.89	1936.40	0.12	ppb
Barium	137-1	1946.77	1935.53	1946.29	1942.86	0.33	ppb
Beryllium	9-1	9.97	8.89	9.95	9.60	6.41	ppb
Bismuth	209-1				111		%
Bismuth	209-2				101		%
Boron	10-1	17.42	18.91	16.55	17.63	6.78	ppb
Boron	11-1	19.82	18.47	17.51	18.60	6.23	ppb
Cadmium	111-1	15.37	14.74	15.53	15.21	2.75	ppb
Cadmium	106-1	11.83	17.38	12.32	13.84	22.21	ppb
Cadmium	108-1	16.34	16.41	12.73	15.16	13.89	ppb
Calcium	43-1	35804.98	35458.01	35626.18	35629.73	0.49	ppb
Calcium	44-1	35124.21	34306.70	34673.49	34701.47	1.18	ppb
Chromium	52-2	135.26	137.17	138.70	137.04	1.26	ppb
Cobalt	59-2	131.15	131.49	134.73	132.46	1.49	ppb
Copper	63-2	305.88	307.02	311.79	308.23	1.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				100		%
Iron	56-2	37463.03	37858.80	38299.84	37873.89	1.11	ppb
Iron	57-2	37696.68	37435.89	38042.41	37725.00	0.81	ppb
Lead	206-1	1962.30	1959.70	1996.36	1972.79	1.04	ppb
Lead	207-1	1830.02	1827.39	1848.25	1835.22	0.62	ppb
Lead	208-1	1892.81	1889.96	1906.36	1896.38	0.46	ppb
Lithium	6-1				106		%
Magnesium	24-2	5534.89	5646.51	5702.54	5627.98	1.52	ppb
Manganese	55-2	865.63	865.08	882.33	871.01	1.13	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-03	Instrumnet Name :	P7
Client Sample ID :	B-38(FILL)_100917S	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:30:40	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.01	2.05	2.00	2.02	1.37	ppb
Molybdenum	95-1	2.50	2.69	2.55	2.58	3.78	ppb
Molybdenum	96-1	2.70	2.73	2.60	2.67	2.62	ppb
Molybdenum	97-1	2.24	2.64	2.79	2.56	11.16	ppb
Molybdenum	98-1	2.46	2.51	2.58	2.52	2.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	135.25	134.08	138.80	136.04	1.81	ppb
Phosphorus	31-2	764.85	780.55	898.90	814.77	8.99	ppb
Potassium	39-2	983.28	987.26	980.84	983.79	0.33	ppb
Rhodium	103-1				105		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				97		%
Selenium	77-2	29.68	24.81	27.48	27.32	8.93	ppb
Selenium	78-2	17.62	17.08	13.96	16.22	12.20	ppb
Selenium	82-1	18.95	18.84	19.93	19.24	3.14	ppb
Silicon	28-1	2367.83	2391.95	2337.23	2365.67	1.16	ppb
Silver	109-1	11.37	11.09	11.15	11.21	1.32	ppb
Silver	107-1	11.04	11.14	11.05	11.08	0.51	ppb
Sodium	23-2	469.53	466.25	466.76	467.51	0.38	ppb
Strontium	86-1	168.72	164.94	165.46	166.37	1.23	ppb
Strontium	88-1	166.17	165.56	166.21	165.98	0.22	ppb
Sulfur	34-1	363.28	-23.33	31.14	123.70	169.17	ppb
Terbium	159-1				110		%
Terbium	159-2				102		%
Thallium	203-1	8.91	9.10	8.75	8.92	1.99	ppb
Thallium	205-1	8.82	9.04	8.94	8.93	1.24	ppb
Tin	118-1	47.69	48.37	46.86	47.64	1.58	ppb
Titanium	47-1	327.19	311.96	328.15	322.43	2.82	ppb
Uranium	238-1	0.78	0.78	0.83	0.80	3.48	ppb
Vanadium	51-2	129.47	129.55	129.48	129.50	0.03	ppb
Yttrium	89-1				111		%
Yttrium	89-2				103		%
Zinc	66-2	3167.34	3191.56	3223.47	3194.12	0.88	ppb
Zirconium	90-1	1.68	1.70	1.76	1.71	2.32	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-03	Instrumnet Name :	P7
Client Sample ID :	B-38(FILL)_100917S	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:30:40	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.65	1.51	1.49	1.55	5.63	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-04	Instrumnet Name :	P7
Client Sample ID :	B-38(0-1)_100917	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:34:12	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10560.15	10806.65	10866.20	10744.33	1.51	ppb
Antimony	121-1	3.06	3.01	3.08	3.05	1.20	ppb
Arsenic	75-2	7.53	7.68	7.57	7.59	1.04	ppb
Barium	135-1	959.66	978.02	961.19	966.29	1.05	ppb
Barium	137-1	962.73	969.56	964.43	965.57	0.37	ppb
Beryllium	9-1	0.46	0.42	0.53	0.47	11.62	ppb
Bismuth	209-1				106		%
Bismuth	209-2				96		%
Boron	10-1	25.75	31.35	22.09	26.40	17.66	ppb
Boron	11-1	25.68	24.25	24.31	24.75	3.27	ppb
Cadmium	111-1	4.16	3.94	3.51	3.87	8.58	ppb
Cadmium	106-1	4.85	0.28	2.86	2.66	86.06	ppb
Cadmium	108-1	4.50	3.07	5.69	4.42	29.67	ppb
Calcium	43-1	31329.90	31704.92	31882.35	31639.06	0.89	ppb
Calcium	44-1	31477.95	31549.97	31225.54	31417.82	0.54	ppb
Chromium	52-2	43.21	42.67	43.09	42.99	0.66	ppb
Cobalt	59-2	13.11	14.06	13.90	13.69	3.73	ppb
Copper	63-2	100.73	102.14	103.24	102.03	1.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				99		%
Indium	115-1				103		%
Indium	115-2				96		%
Iron	56-2	24908.24	24915.38	25363.92	25062.51	1.04	ppb
Iron	57-2	24633.73	24689.58	25172.76	24832.02	1.19	ppb
Lead	206-1	1459.42	1476.27	1462.34	1466.01	0.61	ppb
Lead	207-1	1309.89	1325.86	1322.30	1319.35	0.64	ppb
Lead	208-1	1375.12	1388.32	1383.18	1382.21	0.48	ppb
Lithium	6-1				104		%
Magnesium	24-2	7285.71	7414.50	7291.18	7330.46	0.99	ppb
Manganese	55-2	452.53	455.76	462.70	457.00	1.14	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-04	Instrumnet Name :	P7
Client Sample ID :	B-38(0-1)_100917	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:34:12	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.66	1.49	1.49	1.55	6.35	ppb
Molybdenum	95-1	1.50	1.51	1.39	1.47	4.64	ppb
Molybdenum	96-1	1.49	1.45	1.26	1.40	8.62	ppb
Molybdenum	97-1	1.66	1.55	1.13	1.44	19.38	ppb
Molybdenum	98-1	1.19	1.53	1.36	1.36	12.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	27.41	26.95	27.27	27.21	0.87	ppb
Phosphorus	31-2	727.95	643.11	799.48	723.51	10.82	ppb
Potassium	39-2	1068.68	1062.29	1084.91	1071.96	1.09	ppb
Rhodium	103-1				101		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				95		%
Selenium	77-2	11.11	8.86	3.81	7.92	47.19	ppb
Selenium	78-2	-3.68	-2.07	-2.26	-2.67		ppb
Selenium	82-1	0.30	0.82	-0.09	0.35	131.42	ppb
Silicon	28-1	1866.64	1877.76	1873.50	1872.63	0.30	ppb
Silver	109-1	0.99	1.08	1.16	1.08	8.06	ppb
Silver	107-1	1.07	1.08	1.24	1.13	8.03	ppb
Sodium	23-2	755.72	771.29	774.64	767.22	1.32	ppb
Strontium	86-1	121.94	121.89	121.24	121.69	0.32	ppb
Strontium	88-1	122.87	122.56	123.43	122.95	0.36	ppb
Sulfur	34-1	413.91	638.03	898.86	650.27	37.32	ppb
Terbium	159-1				106		%
Terbium	159-2				99		%
Thallium	203-1	0.14	0.08	0.08	0.10	35.66	ppb
Thallium	205-1	0.11	0.12	0.11	0.11	7.51	ppb
Tin	118-1	236.43	239.08	237.66	237.72	0.56	ppb
Titanium	47-1	395.06	403.10	391.71	396.63	1.48	ppb
Uranium	238-1	0.77	0.81	0.76	0.78	3.08	ppb
Vanadium	51-2	36.14	37.73	37.39	37.09	2.26	ppb
Yttrium	89-1				109		%
Yttrium	89-2				102		%
Zinc	66-2	1173.29	1182.37	1207.95	1187.87	1.51	ppb
Zirconium	90-1	1.61	1.60	1.70	1.63	3.56	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-04	Instrumnet Name :	P7
Client Sample ID :	B-38(0-1)_100917	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:34:12	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.46	1.79	1.57	1.61	10.32	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-05	Instrumnet Name :	P7
Client Sample ID :	B-38(1-3)_100917	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:37:45	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14700.56	14007.09	14319.44	14342.36	2.42	ppb
Antimony	121-1	0.42	0.41	0.51	0.44	12.25	ppb
Arsenic	75-2	5.01	4.45	5.18	4.88	7.73	ppb
Barium	135-1	99.62	96.08	95.92	97.21	2.15	ppb
Barium	137-1	100.32	96.31	100.13	98.92	2.29	ppb
Beryllium	9-1	0.56	0.77	0.75	0.69	16.41	ppb
Bismuth	209-1				104		%
Bismuth	209-2				96		%
Boron	10-1	4.98	5.51	4.24	4.91	12.95	ppb
Boron	11-1	5.56	5.81	5.49	5.62	2.99	ppb
Cadmium	111-1	0.18	0.15	0.16	0.17	10.04	ppb
Cadmium	106-1	-0.13	-0.67	-0.76	-0.52		ppb
Cadmium	108-1	0.61	0.44	0.78	0.61	28.06	ppb
Calcium	43-1	20539.23	20081.54	20753.92	20458.23	1.68	ppb
Calcium	44-1	19841.33	19884.99	19794.39	19840.24	0.23	ppb
Chromium	52-2	20.75	19.99	21.02	20.59	2.59	ppb
Cobalt	59-2	11.16	10.98	11.21	11.12	1.07	ppb
Copper	63-2	43.22	41.78	42.40	42.47	1.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				98		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	56-2	21310.13	20692.31	21334.92	21112.45	1.72	ppb
Iron	57-2	21360.20	20608.54	21188.55	21052.43	1.87	ppb
Lead	206-1	45.82	46.10	45.90	45.94	0.31	ppb
Lead	207-1	41.93	41.49	42.94	42.12	1.77	ppb
Lead	208-1	43.97	43.60	44.08	43.88	0.58	ppb
Lithium	6-1				104		%
Magnesium	24-2	4139.31	3968.44	4150.60	4086.12	2.50	ppb
Manganese	55-2	324.25	310.73	322.02	319.00	2.27	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-05	Instrumnet Name :	P7
Client Sample ID :	B-38(1-3)_100917	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:37:45	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.57	1.72	1.67	1.65	4.49	ppb
Molybdenum	95-1	0.76	0.64	0.94	0.78	19.31	ppb
Molybdenum	96-1	0.99	0.90	0.88	0.92	6.21	ppb
Molybdenum	97-1	0.76	0.62	0.54	0.64	17.10	ppb
Molybdenum	98-1	0.67	0.65	0.78	0.70	9.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	21.65	20.34	20.29	20.76	3.74	ppb
Phosphorus	31-2	593.32	563.49	674.55	610.45	9.42	ppb
Potassium	39-2	965.02	935.83	996.44	965.76	3.14	ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				95		%
Selenium	77-2	7.65	12.73	7.64	9.34	31.45	ppb
Selenium	78-2	-2.86	-3.50	-0.12	-2.16		ppb
Selenium	82-1	0.27	0.91	0.79	0.65	51.82	ppb
Silicon	28-1	2911.70	2863.00	2875.65	2883.45	0.88	ppb
Silver	109-1	0.28	0.26	0.24	0.26	7.23	ppb
Silver	107-1	0.23	0.29	0.29	0.27	12.68	ppb
Sodium	23-2	391.39	370.61	372.41	378.14	3.04	ppb
Strontium	86-1	54.38	58.00	58.19	56.85	3.78	ppb
Strontium	88-1	57.35	57.69	57.76	57.60	0.38	ppb
Sulfur	34-1	-221.64	-301.90	-629.87	-384.47		ppb
Terbium	159-1				104		%
Terbium	159-2				98		%
Thallium	203-1	0.13	0.07	0.09	0.10	29.88	ppb
Thallium	205-1	0.11	0.12	0.12	0.12	3.82	ppb
Tin	118-1	4.21	4.27	4.02	4.17	3.17	ppb
Titanium	47-1	405.80	398.06	407.05	403.64	1.21	ppb
Uranium	238-1	1.03	1.01	1.00	1.01	1.42	ppb
Vanadium	51-2	31.56	31.76	31.93	31.75	0.59	ppb
Yttrium	89-1				107		%
Yttrium	89-2				101		%
Zinc	66-2	84.77	80.98	81.29	82.35	2.55	ppb
Zirconium	90-1	2.07	2.10	1.98	2.05	2.89	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-05	Instrumnet Name :	P7
Client Sample ID :	B-38(1-3)_100917	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:37:45	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	2.37	2.50	2.45	2.44	2.65	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-06	Instrumnet Name :	P7
Client Sample ID :	B-8(5-6.25)_101017	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:41:16	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10999.47	11309.64	11272.28	11193.80	1.51	ppb
Antimony	121-1	0.84	0.85	0.98	0.89	8.90	ppb
Arsenic	75-2	3.53	3.23	3.83	3.53	8.50	ppb
Barium	135-1	139.72	144.45	146.86	143.68	2.53	ppb
Barium	137-1	142.85	143.46	143.56	143.29	0.27	ppb
Beryllium	9-1	0.77	0.77	0.75	0.77	1.35	ppb
Bismuth	209-1				104		%
Bismuth	209-2				96		%
Boron	10-1	14.19	16.79	15.41	15.46	8.40	ppb
Boron	11-1	14.45	14.39	14.23	14.36	0.80	ppb
Cadmium	111-1	0.10	0.29	0.46	0.28	62.81	ppb
Cadmium	106-1	-3.58	-0.40	3.49	-0.16		ppb
Cadmium	108-1	0.27	1.10	1.10	0.82	58.25	ppb
Calcium	43-1	78678.19	77025.55	79786.08	78496.61	1.77	ppb
Calcium	44-1	77255.22	75582.51	76991.22	76609.65	1.17	ppb
Chromium	52-2	25.56	24.90	24.48	24.98	2.16	ppb
Cobalt	59-2	11.61	12.05	11.96	11.87	1.96	ppb
Copper	63-2	76.75	78.54	78.49	77.93	1.31	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				99		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	56-2	20900.79	21380.75	21155.12	21145.55	1.14	ppb
Iron	57-2	20733.73	21130.60	20764.51	20876.28	1.06	ppb
Lead	206-1	133.23	133.04	132.43	132.90	0.31	ppb
Lead	207-1	122.52	120.52	121.87	121.64	0.84	ppb
Lead	208-1	127.77	126.23	126.82	126.94	0.61	ppb
Lithium	6-1				105		%
Magnesium	24-2	6193.08	6236.11	6402.18	6277.12	1.76	ppb
Manganese	55-2	725.22	736.59	737.55	733.12	0.93	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-06	Instrumnet Name :	P7
Client Sample ID :	B-8(5-6.25)_101017	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:41:16	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.00	1.10	1.06	1.05	4.46	ppb
Molybdenum	95-1	0.89	0.81	1.06	0.92	13.72	ppb
Molybdenum	96-1	0.90	0.95	0.85	0.90	5.35	ppb
Molybdenum	97-1	0.79	0.98	0.82	0.87	11.78	ppb
Molybdenum	98-1	0.95	0.87	1.08	0.97	10.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	27.43	26.50	27.58	27.17	2.16	ppb
Phosphorus	31-2	818.82	813.67	907.51	846.67	6.23	ppb
Potassium	39-2	1174.65	1184.38	1224.85	1194.63	2.23	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	77-2	7.29	12.12	14.57	11.33	32.70	ppb
Selenium	78-2	-1.56	0.03	-0.76	-0.76		ppb
Selenium	82-1	0.52	1.30	0.12	0.65	92.97	ppb
Silicon	28-1	1039.73	1000.24	988.67	1009.55	2.65	ppb
Silver	109-1	0.60	0.62	0.57	0.59	4.42	ppb
Silver	107-1	0.52	0.63	0.65	0.60	11.26	ppb
Sodium	23-2	382.68	415.75	386.69	395.04	4.57	ppb
Strontium	86-1	66.41	66.30	68.96	67.22	2.24	ppb
Strontium	88-1	65.92	66.96	66.25	66.38	0.81	ppb
Sulfur	34-1	-1251.80	-1100.64	-545.28	-965.91		ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	0.11	0.14	0.14	0.13	15.02	ppb
Thallium	205-1	0.10	0.12	0.10	0.11	10.91	ppb
Tin	118-1	3.79	3.55	3.79	3.71	3.80	ppb
Titanium	47-1	213.07	204.63	212.96	210.22	2.30	ppb
Uranium	238-1	0.78	0.79	0.83	0.80	3.41	ppb
Vanadium	51-2	28.42	29.31	28.83	28.85	1.53	ppb
Yttrium	89-1				110		%
Yttrium	89-2				106		%
Zinc	66-2	141.53	141.90	140.79	141.41	0.40	ppb
Zirconium	90-1	1.00	1.14	1.13	1.09	7.28	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-06	Instrumnet Name :	P7
Client Sample ID :	B-8(5-6.25)_101017	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:41:16	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.97	1.02	0.90	0.96	6.28	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-07	Instrumnet Name :	P7
Client Sample ID :	B-8(1.5-2.5)_101017	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:44:46	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13437.65	13389.09	13445.61	13424.12	0.23	ppb
Antimony	121-1	1.70	1.51	1.65	1.62	6.13	ppb
Arsenic	75-2	5.61	5.81	5.43	5.62	3.39	ppb
Barium	135-1	120.53	113.08	116.54	116.72	3.20	ppb
Barium	137-1	118.24	116.61	118.70	117.85	0.93	ppb
Beryllium	9-1	0.60	0.75	0.68	0.68	10.73	ppb
Bismuth	209-1				104		%
Bismuth	209-2				95		%
Boron	10-1	13.84	15.41	12.78	14.01	9.43	ppb
Boron	11-1	14.04	15.08	14.57	14.56	3.54	ppb
Cadmium	111-1	2.94	2.81	2.11	2.62	17.13	ppb
Cadmium	106-1	2.81	8.56	2.43	4.60	74.68	ppb
Cadmium	108-1	4.77	5.09	4.63	4.83	4.91	ppb
Calcium	43-1	10676.81	10553.49	10278.40	10502.90	1.94	ppb
Calcium	44-1	10113.80	10021.47	10204.34	10113.20	0.90	ppb
Chromium	52-2	26.09	25.97	26.49	26.19	1.04	ppb
Cobalt	59-2	12.70	12.97	12.90	12.86	1.08	ppb
Copper	63-2	111.91	111.68	111.53	111.71	0.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	56-2	25240.69	24966.92	25246.86	25151.49	0.64	ppb
Iron	57-2	24896.54	24730.21	25019.03	24881.92	0.58	ppb
Lead	206-1	178.01	175.47	175.79	176.42	0.78	ppb
Lead	207-1	160.56	161.87	163.81	162.08	1.01	ppb
Lead	208-1	168.15	166.99	168.47	167.87	0.46	ppb
Lithium	6-1				104		%
Magnesium	24-2	4601.08	4629.49	4592.15	4607.57	0.42	ppb
Manganese	55-2	922.16	917.34	922.48	920.66	0.31	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-07	Instrumnet Name :	P7
Client Sample ID :	B-8(1.5-2.5)_101017	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:44:46	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.93	1.05	0.97	0.98	6.49	ppb
Molybdenum	95-1	1.25	1.13	1.36	1.25	9.28	ppb
Molybdenum	96-1	1.26	1.22	1.22	1.23	1.73	ppb
Molybdenum	97-1	0.94	1.23	1.25	1.14	15.22	ppb
Molybdenum	98-1	1.04	1.05	1.17	1.09	6.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.28	24.04	23.69	24.01	1.24	ppb
Phosphorus	31-2	698.48	752.34	848.94	766.59	9.94	ppb
Potassium	39-2	566.20	574.88	580.87	573.98	1.29	ppb
Rhodium	103-1				100		%
Rhodium	103-2				95		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	77-2	11.39	13.99	8.84	11.41	22.60	ppb
Selenium	78-2	-3.33	-4.35	-2.30	-3.32		ppb
Selenium	82-1	-0.14	1.61	-0.95	0.17	750.41	ppb
Silicon	28-1	1052.84	1039.68	1064.17	1052.23	1.16	ppb
Silver	109-1	0.83	1.02	0.99	0.95	10.57	ppb
Silver	107-1	1.05	0.85	0.93	0.94	10.86	ppb
Sodium	23-2	267.71	247.02	260.88	258.54	4.08	ppb
Strontium	86-1	51.05	53.51	54.19	52.92	3.12	ppb
Strontium	88-1	52.49	52.19	52.62	52.44	0.42	ppb
Sulfur	34-1	-907.39	-1037.57	-1209.35	-1051.44		ppb
Terbium	159-1				104		%
Terbium	159-2				97		%
Thallium	203-1	0.12	0.09	0.16	0.12	31.19	ppb
Thallium	205-1	0.10	0.13	0.11	0.11	12.21	ppb
Tin	118-1	6.96	6.94	6.53	6.81	3.53	ppb
Titanium	47-1	250.41	257.05	259.43	255.63	1.83	ppb
Uranium	238-1	0.99	1.03	0.96	0.99	3.68	ppb
Vanadium	51-2	31.70	31.32	32.76	31.93	2.33	ppb
Yttrium	89-1				107		%
Yttrium	89-2				101		%
Zinc	66-2	357.56	348.34	350.28	352.06	1.38	ppb
Zirconium	90-1	1.07	0.96	0.84	0.95	12.05	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-07	Instrumnet Name :	P7
Client Sample ID :	B-8(1.5-2.5)_101017	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:44:46	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.82	0.76	0.92	0.83	9.67	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-08	Instrumnet Name :	P7
Client Sample ID :	B-7(0.5-1.5)_101017	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:48:17	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10716.68	10862.10	10868.60	10815.79	0.79	ppb
Antimony	121-1	3.72	3.78	3.52	3.67	3.61	ppb
Arsenic	75-2	9.53	9.69	9.92	9.71	1.99	ppb
Barium	135-1	1005.44	961.59	968.16	978.40	2.42	ppb
Barium	137-1	1004.29	958.38	967.06	976.57	2.50	ppb
Beryllium	9-1	0.93	0.92	0.90	0.92	1.28	ppb
Bismuth	209-1				101		%
Bismuth	209-2				94		%
Boron	10-1	7.37	7.86	7.30	7.51	4.10	ppb
Boron	11-1	5.98	5.51	6.58	6.02	8.95	ppb
Cadmium	111-1	1.64	1.66	1.73	1.67	2.89	ppb
Cadmium	106-1	0.19	2.66	1.53	1.46	84.83	ppb
Cadmium	108-1	2.89	1.81	3.20	2.63	27.60	ppb
Calcium	43-1	6552.08	6335.22	6259.14	6382.15	2.38	ppb
Calcium	44-1	6409.98	6162.73	6215.83	6262.85	2.08	ppb
Chromium	52-2	43.73	43.04	43.10	43.29	0.89	ppb
Cobalt	59-2	12.19	12.41	12.34	12.31	0.91	ppb
Copper	63-2	100.50	103.44	100.79	101.58	1.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				96		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	56-2	23923.59	23858.18	24058.29	23946.69	0.43	ppb
Iron	57-2	23487.60	23799.14	23749.14	23678.63	0.71	ppb
Lead	206-1	871.59	841.97	848.60	854.05	1.82	ppb
Lead	207-1	780.92	756.84	760.05	765.94	1.71	ppb
Lead	208-1	821.67	794.05	798.74	804.82	1.84	ppb
Lithium	6-1				105		%
Magnesium	24-2	4957.62	4987.17	5006.90	4983.90	0.50	ppb
Manganese	55-2	1237.54	1245.82	1245.05	1242.80	0.37	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-08	Instrumnet Name :	P7
Client Sample ID :	B-7(0.5-1.5)_101017	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:48:17	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.73	0.67	0.78	0.73	7.70	ppb
Molybdenum	95-1	1.44	1.44	1.24	1.37	8.18	ppb
Molybdenum	96-1	1.14	1.22	1.26	1.21	5.08	ppb
Molybdenum	97-1	1.64	1.57	1.43	1.55	6.90	ppb
Molybdenum	98-1	1.22	1.21	1.13	1.18	4.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.34	25.02	24.54	25.30	3.67	ppb
Phosphorus	31-2	993.59	1087.32	1158.30	1079.74	7.65	ppb
Potassium	39-2	1630.54	1637.09	1666.00	1644.54	1.15	ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				96		%
Scandium	45-2				94		%
Selenium	77-2	19.19	16.54	20.56	18.76	10.88	ppb
Selenium	78-2	-0.93	1.55	1.02	0.55	239.48	ppb
Selenium	82-1	0.25	-0.08	0.36	0.18	126.73	ppb
Silicon	28-1	947.35	891.29	919.75	919.46	3.05	ppb
Silver	109-1	0.74	0.92	0.89	0.85	11.21	ppb
Silver	107-1	0.80	0.77	0.92	0.83	9.61	ppb
Sodium	23-2	272.00	281.19	262.82	272.01	3.38	ppb
Strontium	86-1	47.85	47.17	47.35	47.46	0.75	ppb
Strontium	88-1	46.67	45.87	45.38	45.97	1.41	ppb
Sulfur	34-1	-988.77	-1022.04	-1352.28	-1121.03		ppb
Terbium	159-1				101		%
Terbium	159-2				96		%
Thallium	203-1	0.34	0.22	0.19	0.25	32.06	ppb
Thallium	205-1	0.20	0.21	0.23	0.21	6.97	ppb
Tin	118-1	15.53	15.52	14.31	15.12	4.62	ppb
Titanium	47-1	243.33	225.95	235.61	234.97	3.71	ppb
Uranium	238-1	0.95	0.95	0.85	0.92	6.09	ppb
Vanadium	51-2	30.88	30.79	32.18	31.28	2.50	ppb
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	714.81	718.68	721.46	718.32	0.46	ppb
Zirconium	90-1	0.46	0.41	0.39	0.42	8.50	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-08	Instrumnet Name :	P7
Client Sample ID :	B-7(0.5-1.5)_101017	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:48:17	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.37	0.38	0.49	0.41	16.55	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-09	Instrumnet Name :	P7
Client Sample ID :	B-7(5-6)_101017	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:51:48	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8901.46	8840.01	8606.59	8782.69	1.77	ppb
Antimony	121-1	1.16	1.12	1.17	1.15	2.32	ppb
Arsenic	75-2	10.81	10.33	11.18	10.78	3.97	ppb
Barium	135-1	118.75	120.96	117.49	119.07	1.48	ppb
Barium	137-1	119.39	122.56	123.37	121.77	1.73	ppb
Beryllium	9-1	0.72	0.54	0.59	0.61	15.11	ppb
Bismuth	209-1				102		%
Bismuth	209-2				93		%
Boron	10-1	5.24	7.58	6.48	6.43	18.23	ppb
Boron	11-1	4.71	5.39	5.88	5.32	11.04	ppb
Cadmium	111-1	0.58	0.16	0.31	0.35	61.21	ppb
Cadmium	106-1	2.79	-1.04	-0.38	0.46	448.91	ppb
Cadmium	108-1	0.80	1.33	0.46	0.86	50.91	ppb
Calcium	43-1	5512.07	5685.15	5828.82	5675.35	2.79	ppb
Calcium	44-1	5334.98	5437.17	5412.21	5394.79	0.99	ppb
Chromium	52-2	24.18	24.40	24.59	24.39	0.85	ppb
Cobalt	59-2	10.32	10.43	10.19	10.32	1.15	ppb
Copper	63-2	72.23	71.87	72.06	72.05	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				100		%
Holmium	165-2				96		%
Indium	115-1				98		%
Indium	115-2				94		%
Iron	56-2	36580.52	36023.62	35606.16	36070.10	1.36	ppb
Iron	57-2	36182.47	35936.84	35085.27	35734.86	1.61	ppb
Lead	206-1	60.15	57.84	58.77	58.92	1.98	ppb
Lead	207-1	54.18	53.23	53.74	53.72	0.89	ppb
Lead	208-1	56.62	55.75	56.09	56.15	0.78	ppb
Lithium	6-1				106		%
Magnesium	24-2	2983.63	2978.52	2925.71	2962.62	1.08	ppb
Manganese	55-2	847.98	836.66	826.92	837.19	1.26	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-09	Instrumnet Name :	P7
Client Sample ID :	B-7(5-6)_101017	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:51:48	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.36	2.23	2.22	2.27	3.32	ppb
Molybdenum	95-1	2.17	2.33	2.02	2.17	7.15	ppb
Molybdenum	96-1	2.30	2.47	2.25	2.34	5.03	ppb
Molybdenum	97-1	2.40	2.42	2.84	2.56	9.74	ppb
Molybdenum	98-1	2.32	2.43	2.47	2.40	3.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.84	24.05	23.98	23.96	0.45	ppb
Phosphorus	31-2	622.93	557.10	615.67	598.56	6.03	ppb
Potassium	39-2	1049.39	1050.17	1008.01	1035.86	2.33	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				96		%
Scandium	45-2				93		%
Selenium	77-2	6.61	9.14	5.22	6.99	28.42	ppb
Selenium	78-2	0.01	-2.70	0.32	-0.79		ppb
Selenium	82-1	0.01	1.33	1.12	0.82	86.91	ppb
Silicon	28-1	1322.84	1314.64	1313.48	1316.99	0.39	ppb
Silver	109-1	0.30	0.36	0.41	0.35	16.01	ppb
Silver	107-1	0.27	0.23	0.23	0.24	10.49	ppb
Sodium	23-2	214.50	217.06	205.66	212.41	2.82	ppb
Strontium	86-1	34.37	34.12	34.37	34.29	0.42	ppb
Strontium	88-1	34.35	34.18	35.01	34.52	1.28	ppb
Sulfur	34-1	-1505.16	-1518.24	-1720.99	-1581.46		ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	0.15	0.18	0.16	0.16	8.81	ppb
Thallium	205-1	0.22	0.17	0.19	0.19	13.38	ppb
Tin	118-1	2.83	2.90	2.99	2.90	2.89	ppb
Titanium	47-1	236.94	242.59	229.22	236.25	2.84	ppb
Uranium	238-1	0.72	0.74	0.67	0.71	5.49	ppb
Vanadium	51-2	26.10	26.07	25.13	25.77	2.15	ppb
Yttrium	89-1				103		%
Yttrium	89-2				98		%
Zinc	66-2	232.73	231.63	225.05	229.80	1.81	ppb
Zirconium	90-1	2.31	2.31	2.25	2.29	1.40	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-09	Instrumnet Name :	P7
Client Sample ID :	B-7(5-6)_101017	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:51:48	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.89	2.35	2.68	2.31	17.02	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-10	Instrumnet Name :	P7
Client Sample ID :	DUP-4	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:55:20	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11767.21	11798.75	11641.74	11735.90	0.71	ppb
Antimony	121-1	3.34	3.36	3.25	3.32	1.80	ppb
Arsenic	75-2	7.96	8.59	7.44	8.00	7.26	ppb
Barium	135-1	1090.49	1072.82	1075.28	1079.53	0.89	ppb
Barium	137-1	1095.93	1086.93	1089.64	1090.83	0.42	ppb
Beryllium	9-1	0.22	0.62	0.57	0.47	46.89	ppb
Bismuth	209-1				107		%
Bismuth	209-2				97		%
Boron	10-1	34.37	38.84	37.44	36.89	6.20	ppb
Boron	11-1	36.26	36.90	37.47	36.88	1.64	ppb
Cadmium	111-1	3.63	3.91	3.55	3.69	5.15	ppb
Cadmium	106-1	1.71	3.53	1.27	2.17	55.05	ppb
Cadmium	108-1	3.57	4.20	3.03	3.60	16.33	ppb
Calcium	43-1	35652.54	35985.61	35633.05	35757.07	0.55	ppb
Calcium	44-1	35240.50	35180.33	34701.11	35040.64	0.84	ppb
Chromium	52-2	51.49	51.69	51.60	51.59	0.19	ppb
Cobalt	59-2	20.09	20.16	20.23	20.16	0.34	ppb
Copper	63-2	116.44	117.87	117.24	117.18	0.61	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				99		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	56-2	29374.83	29605.46	29829.89	29603.40	0.77	ppb
Iron	57-2	29188.98	29312.99	29312.16	29271.37	0.24	ppb
Lead	206-1	1616.54	1622.31	1625.93	1621.59	0.29	ppb
Lead	207-1	1478.94	1460.49	1473.30	1470.91	0.64	ppb
Lead	208-1	1535.48	1532.68	1535.97	1534.71	0.12	ppb
Lithium	6-1				107		%
Magnesium	24-2	9374.50	9460.48	9397.20	9410.73	0.47	ppb
Manganese	55-2	1000.31	1011.25	1003.61	1005.06	0.56	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-10	Instrumnet Name :	P7
Client Sample ID :	DUP-4	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:55:20	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.79	2.21	2.20	2.07	11.52	ppb
Molybdenum	95-1	2.02	1.82	1.99	1.94	5.62	ppb
Molybdenum	96-1	2.23	2.01	1.99	2.08	6.37	ppb
Molybdenum	97-1	2.47	1.86	1.92	2.09	16.20	ppb
Molybdenum	98-1	2.25	2.27	1.97	2.16	7.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	31.30	32.58	31.53	31.80	2.16	ppb
Phosphorus	31-2	695.16	635.01	701.47	677.21	5.42	ppb
Potassium	39-2	1064.42	1123.80	1083.56	1090.59	2.78	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				94		%
Selenium	77-2	1.30	11.61	6.49	6.47	79.69	ppb
Selenium	78-2	-2.93	-0.65	-3.17	-2.25		ppb
Selenium	82-1	0.43	-0.06	-0.01	0.12	220.52	ppb
Silicon	28-1	2900.56	2912.24	2856.45	2889.75	1.02	ppb
Silver	109-1	0.83	0.82	0.89	0.85	4.41	ppb
Silver	107-1	0.88	0.80	0.87	0.85	5.02	ppb
Sodium	23-2	818.11	840.66	810.74	823.17	1.89	ppb
Strontium	86-1	136.59	142.23	135.16	137.99	2.71	ppb
Strontium	88-1	138.20	137.90	136.68	137.59	0.59	ppb
Sulfur	34-1	162.36	394.19	351.47	302.68	40.76	ppb
Terbium	159-1				106		%
Terbium	159-2				99		%
Thallium	203-1	0.08	0.07	0.06	0.07	15.54	ppb
Thallium	205-1	0.11	0.13	0.12	0.12	5.27	ppb
Tin	118-1	138.11	136.50	138.68	137.76	0.82	ppb
Titanium	47-1	434.75	443.52	437.00	438.42	1.04	ppb
Uranium	238-1	0.71	0.70	0.73	0.71	1.93	ppb
Vanadium	51-2	44.48	46.81	46.60	45.96	2.81	ppb
Yttrium	89-1				106		%
Yttrium	89-2				99		%
Zinc	66-2	1322.85	1348.53	1341.63	1337.67	0.99	ppb
Zirconium	90-1	1.94	1.80	1.86	1.87	3.81	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-10	Instrumnet Name :	P7
Client Sample ID :	DUP-4	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:55:20	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	2.19	2.19	1.83	2.07	9.98	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-11	Instrumnet Name :	P7
Client Sample ID :	B-66(1.5-2.5)_101017	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:58:50	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14508.19	14478.05	14372.40	14452.88	0.49	ppb
Antimony	121-1	4.61	4.16	3.86	4.21	8.91	ppb
Arsenic	75-2	8.65	8.04	8.98	8.56	5.56	ppb
Barium	135-1	713.46	712.54	706.85	710.95	0.50	ppb
Barium	137-1	712.89	717.26	714.12	714.75	0.32	ppb
Beryllium	9-1	0.65	0.79	0.61	0.68	13.49	ppb
Bismuth	209-1				111		%
Bismuth	209-2				101		%
Boron	10-1	32.78	34.11	32.83	33.24	2.26	ppb
Boron	11-1	29.88	32.57	32.68	31.71	5.00	ppb
Cadmium	111-1	1.84	1.85	1.60	1.76	8.18	ppb
Cadmium	106-1	2.29	3.29	3.95	3.18	26.38	ppb
Cadmium	108-1	2.63	2.65	0.72	2.00	55.23	ppb
Calcium	43-1	79323.17	78532.52	78587.01	78814.23	0.56	ppb
Calcium	44-1	76142.59	76587.30	76577.42	76435.77	0.33	ppb
Chromium	52-2	81.55	82.32	81.31	81.73	0.65	ppb
Cobalt	59-2	14.59	14.47	15.28	14.78	2.95	ppb
Copper	63-2	145.39	148.32	145.16	146.29	1.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				97		%
Iron	56-2	30708.12	30835.32	30726.53	30756.66	0.22	ppb
Iron	57-2	30835.61	30405.72	30360.83	30534.05	0.86	ppb
Lead	206-1	1153.94	1162.39	1157.81	1158.05	0.37	ppb
Lead	207-1	1069.05	1073.51	1069.97	1070.84	0.22	ppb
Lead	208-1	1104.47	1108.13	1106.96	1106.52	0.17	ppb
Lithium	6-1				105		%
Magnesium	24-2	7449.09	7386.52	7317.33	7384.31	0.89	ppb
Manganese	55-2	413.31	412.84	408.39	411.51	0.66	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-11	Instrumnet Name :	P7
Client Sample ID :	B-66(1.5-2.5)_101017	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:58:50	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5.47	5.85	5.85	5.72	3.87	ppb
Molybdenum	95-1	1.68	2.17	1.84	1.90	13.10	ppb
Molybdenum	96-1	2.56	2.90	2.54	2.67	7.70	ppb
Molybdenum	97-1	1.93	1.98	1.70	1.87	7.90	ppb
Molybdenum	98-1	2.04	1.96	2.03	2.01	2.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	44.08	43.53	43.67	43.76	0.66	ppb
Phosphorus	31-2	1275.47	1331.09	1381.05	1329.20	3.97	ppb
Potassium	39-2	1148.58	1139.89	1101.74	1130.07	2.21	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				94		%
Selenium	77-2	5.05	6.26	6.24	5.85	11.87	ppb
Selenium	78-2	-0.63	-1.94	-1.76	-1.44		ppb
Selenium	82-1	0.39	-0.30	0.18	0.09	391.81	ppb
Silicon	28-1	17512.46	17519.97	17387.65	17473.36	0.43	ppb
Silver	109-1	1.12	0.97	1.07	1.05	7.22	ppb
Silver	107-1	1.05	1.06	1.04	1.05	0.65	ppb
Sodium	23-2	1189.59	1145.37	1160.50	1165.15	1.93	ppb
Strontium	86-1	399.21	397.14	401.59	399.31	0.56	ppb
Strontium	88-1	405.25	401.05	398.69	401.67	0.83	ppb
Sulfur	34-1	-667.85	-417.39	-606.77	-564.01		ppb
Terbium	159-1				110		%
Terbium	159-2				103		%
Thallium	203-1	0.16	0.13	0.11	0.13	18.89	ppb
Thallium	205-1	0.10	0.14	0.15	0.13	20.54	ppb
Tin	118-1	11.01	10.27	10.43	10.57	3.68	ppb
Titanium	47-1	574.31	581.37	571.75	575.81	0.87	ppb
Uranium	238-1	0.79	0.87	0.89	0.85	5.98	ppb
Vanadium	51-2	38.65	39.56	38.95	39.05	1.18	ppb
Yttrium	89-1				111		%
Yttrium	89-2				102		%
Zinc	66-2	870.52	885.36	884.77	880.22	0.95	ppb
Zirconium	90-1	7.00	7.19	7.27	7.15	1.89	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-11	Instrumnet Name :	P7
Client Sample ID :	B-66(1.5-2.5)_101017	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:58:50	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	7.09	6.83	7.15	7.02	2.43	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-12	Instrumnet Name :	P7
Client Sample ID :	B-67(1.5-2.5)_101017	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 13:02:21	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11901.52	12209.68	12058.55	12056.58	1.28	ppb
Antimony	121-1	0.46	0.49	0.41	0.45	8.93	ppb
Arsenic	75-2	3.46	3.75	3.71	3.64	4.25	ppb
Barium	135-1	125.80	123.85	124.37	124.68	0.81	ppb
Barium	137-1	125.79	123.39	123.88	124.35	1.02	ppb
Beryllium	9-1	0.67	0.63	0.71	0.67	6.59	ppb
Bismuth	209-1				113		%
Bismuth	209-2				99		%
Boron	10-1	21.89	26.51	22.99	23.80	10.13	ppb
Boron	11-1	20.88	23.04	21.77	21.90	4.95	ppb
Cadmium	111-1	1.19	0.86	0.92	0.99	17.80	ppb
Cadmium	106-1	15.73	17.09	10.65	14.49	23.43	ppb
Cadmium	108-1	17.04	20.76	14.30	17.37	18.66	ppb
Calcium	43-1	50184.54	49573.68	49588.46	49782.23	0.70	ppb
Calcium	44-1	48781.26	48756.94	48915.83	48818.01	0.18	ppb
Chromium	52-2	30.20	32.37	31.21	31.26	3.46	ppb
Cobalt	59-2	14.73	15.15	15.19	15.03	1.72	ppb
Copper	63-2	132.43	135.28	134.20	133.97	1.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				96		%
Iron	56-2	30745.19	31537.91	31245.04	31176.05	1.29	ppb
Iron	57-2	30293.92	31413.69	30982.05	30896.55	1.83	ppb
Lead	206-1	117.52	117.76	117.45	117.57	0.14	ppb
Lead	207-1	108.86	108.83	107.99	108.56	0.45	ppb
Lead	208-1	112.63	112.85	112.18	112.55	0.30	ppb
Lithium	6-1				105		%
Magnesium	24-2	6014.41	6306.98	6178.67	6166.69	2.38	ppb
Manganese	55-2	859.07	875.70	873.89	869.55	1.05	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-12	Instrumnet Name :	P7
Client Sample ID :	B-67(1.5-2.5)_101017	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 13:02:21	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.06	3.79	3.70	3.85	4.93	ppb
Molybdenum	95-1	2.73	2.63	2.82	2.73	3.43	ppb
Molybdenum	96-1	2.94	2.99	3.00	2.98	1.15	ppb
Molybdenum	97-1	2.46	2.58	2.62	2.55	3.11	ppb
Molybdenum	98-1	2.60	2.54	2.49	2.54	2.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	61.10	63.27	62.61	62.33	1.78	ppb
Phosphorus	31-2	986.60	1079.12	1025.40	1030.37	4.51	ppb
Potassium	39-2	1148.94	1187.85	1183.70	1173.50	1.82	ppb
Rhodium	103-1				104		%
Rhodium	103-2				97		%
Scandium	45-1				102		%
Scandium	45-2				94		%
Selenium	77-2	12.37	13.64	4.94	10.32	45.59	ppb
Selenium	78-2	-1.21	-2.22	-1.23	-1.55		ppb
Selenium	82-1	-0.08	0.36	0.31	0.20	122.93	ppb
Silicon	28-1	10276.69	10294.36	10228.29	10266.45	0.33	ppb
Silver	109-1	0.93	1.17	1.02	1.04	11.98	ppb
Silver	107-1	1.02	0.99	0.87	0.96	8.08	ppb
Sodium	23-2	846.63	862.37	881.50	863.50	2.02	ppb
Strontium	86-1	180.26	183.69	179.82	181.26	1.17	ppb
Strontium	88-1	182.52	181.60	182.34	182.16	0.27	ppb
Sulfur	34-1	-1125.87	-1454.36	-1267.73	-1282.65		ppb
Terbium	159-1				112		%
Terbium	159-2				102		%
Thallium	203-1	0.08	0.08	0.11	0.09	20.12	ppb
Thallium	205-1	0.12	0.11	0.10	0.11	8.81	ppb
Tin	118-1	2.59	2.07	2.68	2.45	13.55	ppb
Titanium	47-1	412.75	411.74	422.53	415.67	1.43	ppb
Uranium	238-1	0.79	0.79	0.79	0.79	0.29	ppb
Vanadium	51-2	39.60	40.00	40.66	40.08	1.34	ppb
Yttrium	89-1				116		%
Yttrium	89-2				104		%
Zinc	66-2	178.61	190.18	184.54	184.44	3.14	ppb
Zirconium	90-1	4.46	4.42	5.12	4.67	8.43	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-12	Instrumnet Name :	P7
Client Sample ID :	B-67(1.5-2.5)_101017	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 13:02:21	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	4.25	4.85	4.48	4.53	6.71	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-13	Instrumnet Name :	P7
Client Sample ID :	B-66(2.5-4.5)_101017	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 13:05:52	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8933.06	8813.97	8926.03	8891.02	0.75	ppb
Antimony	121-1	6.06	6.39	6.26	6.24	2.62	ppb
Arsenic	75-2	34.88	34.80	35.54	35.07	1.16	ppb
Barium	135-1	1926.50	1903.60	1909.21	1913.11	0.62	ppb
Barium	137-1	1931.68	1909.71	1902.04	1914.48	0.80	ppb
Beryllium	9-1	0.71	0.90	0.90	0.84	13.61	ppb
Bismuth	209-1				105		%
Bismuth	209-2				95		%
Boron	10-1	6.30	7.05	5.83	6.39	9.60	ppb
Boron	11-1	5.63	5.12	5.29	5.35	4.88	ppb
Cadmium	111-1	2.82	2.72	2.94	2.83	3.90	ppb
Cadmium	106-1	4.69	5.99	3.80	4.83	22.87	ppb
Cadmium	108-1	3.31	2.61	2.94	2.95	11.79	ppb
Calcium	43-1	11060.44	11247.90	11568.95	11292.43	2.28	ppb
Calcium	44-1	10808.35	10898.42	10953.08	10886.62	0.67	ppb
Chromium	52-2	129.45	128.99	130.91	129.78	0.77	ppb
Cobalt	59-2	11.77	11.94	11.97	11.89	0.91	ppb
Copper	63-2	215.65	214.56	215.91	215.38	0.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				97		%
Indium	115-1				100		%
Indium	115-2				94		%
Iron	56-2	32153.62	31928.75	32059.84	32047.40	0.35	ppb
Iron	57-2	31660.79	31864.89	31922.16	31815.94	0.43	ppb
Lead	206-1	3006.96	2963.89	2989.87	2986.91	0.73	ppb
Lead	207-1	2776.27	2747.51	2739.11	2754.30	0.71	ppb
Lead	208-1	2931.31	2881.44	2900.40	2904.39	0.87	ppb
Lithium	6-1				104		%
Magnesium	24-2	2068.84	2043.38	2058.30	2056.84	0.62	ppb
Manganese	55-2	513.00	517.23	511.02	513.75	0.62	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-13	Instrumnet Name :	P7
Client Sample ID :	B-66(2.5-4.5)_101017	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 13:05:52	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.22	1.17	1.15	1.18	3.20	ppb
Molybdenum	95-1	3.25	2.90	2.41	2.85	14.76	ppb
Molybdenum	96-1	2.06	2.14	2.55	2.25	11.73	ppb
Molybdenum	97-1	2.40	2.63	2.74	2.59	6.68	ppb
Molybdenum	98-1	2.69	2.58	2.40	2.56	5.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	20.50	21.36	20.33	20.73	2.66	ppb
Phosphorus	31-2	1445.76	1510.65	1599.07	1518.49	5.07	ppb
Potassium	39-2	573.71	570.34	573.76	572.60	0.34	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				96		%
Scandium	45-2				94		%
Selenium	77-2	5.18	7.78	6.47	6.47	20.08	ppb
Selenium	78-2	-0.40	-3.18	-0.20	-1.26		ppb
Selenium	82-1	0.98	1.54	0.46	1.00	54.07	ppb
Silicon	28-1	2009.45	2071.20	2093.78	2058.14	2.12	ppb
Silver	109-1	0.62	0.60	0.65	0.63	3.87	ppb
Silver	107-1	0.65	0.63	0.69	0.65	4.41	ppb
Sodium	23-2	400.48	410.98	388.30	399.92	2.84	ppb
Strontium	86-1	151.35	149.63	147.53	149.50	1.28	ppb
Strontium	88-1	151.31	150.93	149.00	150.41	0.83	ppb
Sulfur	34-1	-170.04	81.52	39.41	-16.37		ppb
Terbium	159-1				103		%
Terbium	159-2				97		%
Thallium	203-1	0.30	0.25	0.20	0.25	18.64	ppb
Thallium	205-1	0.33	0.25	0.31	0.29	14.61	ppb
Tin	118-1	28.87	27.34	27.68	27.97	2.88	ppb
Titanium	47-1	277.25	291.45	281.37	283.36	2.58	ppb
Uranium	238-1	0.80	0.78	0.78	0.78	1.36	ppb
Vanadium	51-2	29.30	30.24	29.63	29.72	1.61	ppb
Yttrium	89-1				105		%
Yttrium	89-2				99		%
Zinc	66-2	1392.63	1409.81	1408.88	1403.77	0.69	ppb
Zirconium	90-1	0.66	0.64	0.51	0.60	12.89	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-13	Instrumnet Name :	P7
Client Sample ID :	B-66(2.5-4.5)_101017	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 13:05:52	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.58	0.52	0.56	0.55	5.28	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-01DLX20	Instrumnet Name :	P7
Client Sample ID :	B-38(FILL)_100917	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:09:24	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	606.72	600.47	596.69	601.29	0.84	ppb
Antimony	121-1	0.66	0.63	0.68	0.66	4.33	ppb
Arsenic	75-2	0.92	0.67	1.01	0.86	20.46	ppb
Barium	135-1	78.85	79.71	79.21	79.26	0.55	ppb
Barium	137-1	80.06	79.94	79.95	79.98	0.08	ppb
Beryllium	9-1	0.10	0.06	0.03	0.06	57.70	ppb
Bismuth	209-1				103		%
Bismuth	209-2				95		%
Boron	10-1	1.73	3.50	2.12	2.45	37.86	ppb
Boron	11-1	1.12	1.83	1.53	1.49	24.14	ppb
Cadmium	111-1	0.24	0.38	0.34	0.32	21.48	ppb
Cadmium	106-1	-0.17	-0.35	-0.17	-0.23		ppb
Cadmium	108-1	0.29	0.12	0.11	0.17	57.53	ppb
Calcium	43-1	1780.88	1684.39	1603.28	1689.51	5.26	ppb
Calcium	44-1	1764.14	1752.92	1779.62	1765.56	0.76	ppb
Chromium	52-2	5.04	5.11	4.58	4.91	5.87	ppb
Cobalt	59-2	1.84	1.82	1.76	1.81	2.28	ppb
Copper	63-2	12.60	13.20	12.35	12.72	3.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				96		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	56-2	1871.74	1861.66	1855.80	1863.06	0.43	ppb
Iron	57-2	1915.65	1884.38	1852.36	1884.13	1.68	ppb
Lead	206-1	97.94	96.71	97.74	97.46	0.68	ppb
Lead	207-1	89.74	90.20	90.25	90.07	0.31	ppb
Lead	208-1	93.37	93.14	93.74	93.42	0.32	ppb
Lithium	6-1				100		%
Magnesium	24-2	276.49	283.43	285.54	281.82	1.68	ppb
Manganese	55-2	39.55	39.36	37.56	38.83	2.83	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-01DLX20	Instrumnet Name :	P7
Client Sample ID :	B-38(FILL)_ 100917	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:09:24	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.10	0.10	0.15	0.12	21.91	ppb
Molybdenum	95-1	0.17	0.12	0.14	0.14	19.31	ppb
Molybdenum	96-1	0.06	0.22	0.17	0.15	54.61	ppb
Molybdenum	97-1	0.17	0.21	0.32	0.24	33.27	ppb
Molybdenum	98-1	0.12	0.16	0.09	0.12	31.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.84	1.88	2.04	1.92	5.62	ppb
Phosphorus	31-2	37.40	61.11	50.63	49.71	23.90	ppb
Potassium	39-2	41.02	42.17	38.62	40.60	4.45	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				96		%
Scandium	45-2				94		%
Selenium	77-2	0.00	0.00	1.35	0.45	173.21	ppb
Selenium	78-2	-3.11	-3.39	1.09	-1.80		ppb
Selenium	82-1	0.75	0.34	-0.24	0.28	174.76	ppb
Silicon	28-1	123.38	120.57	121.67	121.87	1.16	ppb
Silver	109-1	0.15	0.18	0.13	0.15	17.46	ppb
Silver	107-1	0.12	0.06	0.08	0.09	38.79	ppb
Sodium	23-2	6.76	3.46	2.28	4.16	55.73	ppb
Strontium	86-1	9.63	8.23	8.20	8.69	9.44	ppb
Strontium	88-1	8.85	8.60	8.94	8.80	2.00	ppb
Sulfur	34-1	-879.03	-759.59	-1289.59	-976.07		ppb
Terbium	159-1				101		%
Terbium	159-2				96		%
Thallium	203-1	0.00	0.02	0.01	0.01	95.35	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	13.84	ppb
Tin	118-1	2.54	2.65	2.23	2.47	8.82	ppb
Titanium	47-1	16.82	16.84	16.54	16.73	1.01	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	4.96	ppb
Vanadium	51-2	1.85	1.72	1.78	1.78	3.53	ppb
Yttrium	89-1				98		%
Yttrium	89-2				95		%
Zinc	66-2	155.54	156.32	156.55	156.14	0.34	ppb
Zirconium	90-1	0.07	0.13	0.11	0.10	30.52	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-01DLX20	Instrumnet Name :	P7
Client Sample ID :	B-38(FILL)_100917	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:09:24	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.14	0.06	0.08	76.21	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-02DLX20	Instrumnet Name :	P7
Client Sample ID :	B-38(FILL)_100917D	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:12:56	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	625.84	632.94	634.63	631.14	0.74	ppb
Antimony	121-1	0.75	0.56	0.68	0.66	14.31	ppb
Arsenic	75-2	1.03	0.84	1.02	0.96	11.03	ppb
Barium	135-1	81.38	79.26	83.20	81.28	2.42	ppb
Barium	137-1	81.92	82.23	82.54	82.23	0.37	ppb
Beryllium	9-1	0.06	0.12	0.00	0.06	98.56	ppb
Bismuth	209-1				102		%
Bismuth	209-2				95		%
Boron	10-1	1.76	1.95	1.78	1.83	5.78	ppb
Boron	11-1	1.44	1.35	0.62	1.13	39.68	ppb
Cadmium	111-1	0.21	0.25	0.15	0.20	25.34	ppb
Cadmium	106-1	-1.67	-0.86	-1.81	-1.45		ppb
Cadmium	108-1	0.11	0.81	0.29	0.40	89.25	ppb
Calcium	43-1	1775.09	1798.91	1976.75	1850.25	5.96	ppb
Calcium	44-1	1761.61	1784.46	1776.35	1774.14	0.65	ppb
Chromium	52-2	5.09	4.98	4.74	4.94	3.62	ppb
Cobalt	59-2	1.89	1.89	1.81	1.87	2.47	ppb
Copper	63-2	13.18	13.44	12.80	13.14	2.42	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				96		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	56-2	1897.54	1929.40	1917.26	1914.74	0.84	ppb
Iron	57-2	1928.73	1907.49	1933.77	1923.33	0.72	ppb
Lead	206-1	101.29	100.48	100.07	100.62	0.62	ppb
Lead	207-1	93.34	94.38	92.46	93.39	1.03	ppb
Lead	208-1	96.46	96.50	95.92	96.29	0.33	ppb
Lithium	6-1				99		%
Magnesium	24-2	298.87	286.33	283.79	289.66	2.79	ppb
Manganese	55-2	39.33	40.23	39.66	39.74	1.15	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-02DLX20	Instrumnet Name :	P7
Client Sample ID :	B-38(FILL)_ 100917D	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:12:56	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.12	0.06	0.14	0.11	41.75	ppb
Molybdenum	95-1	0.14	0.13	0.27	0.18	42.73	ppb
Molybdenum	96-1	0.13	0.05	0.14	0.10	45.19	ppb
Molybdenum	97-1	0.21	0.12	0.19	0.18	26.07	ppb
Molybdenum	98-1	0.15	0.15	0.19	0.16	15.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.72	2.04	2.21	1.99	12.57	ppb
Phosphorus	31-2	51.69	37.04	46.40	45.04	16.48	ppb
Potassium	39-2	37.43	41.31	31.38	36.71	13.63	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				96		%
Scandium	45-2				94		%
Selenium	77-2	0.00	0.00	1.34	0.45	173.21	ppb
Selenium	78-2	-2.26	-1.22	-0.32	-1.27		ppb
Selenium	82-1	0.40	1.53	-0.35	0.53	179.77	ppb
Silicon	28-1	122.05	122.20	117.43	120.56	2.25	ppb
Silver	109-1	0.14	0.18	0.19	0.17	12.99	ppb
Silver	107-1	0.13	0.14	0.19	0.15	20.48	ppb
Sodium	23-2	13.76	8.85	7.61	10.07	32.28	ppb
Strontium	86-1	8.44	8.41	8.25	8.37	1.23	ppb
Strontium	88-1	9.16	8.69	8.79	8.88	2.78	ppb
Sulfur	34-1	-751.88	-868.36	-966.72	-862.32		ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	0.02	0.02	0.00	0.01	75.36	ppb
Thallium	205-1	0.02	0.01	0.02	0.02	20.48	ppb
Tin	118-1	2.69	2.72	2.63	2.68	1.72	ppb
Titanium	47-1	16.80	15.85	16.43	16.36	2.92	ppb
Uranium	238-1	0.04	0.05	0.03	0.04	20.38	ppb
Vanadium	51-2	1.58	1.87	1.69	1.71	8.54	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	160.05	161.76	161.58	161.13	0.58	ppb
Zirconium	90-1	0.11	0.06	0.12	0.10	30.98	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-02DLX20	Instrumnet Name :	P7
Client Sample ID :	B-38(FILL)_100917D	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:12:56	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.20	0.12	0.10	0.14	35.70	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-01LDLX100	Instrumnet Name :	P7
Client Sample ID :	B-38(FILL)_100917L	Dilution Factor :	100
Date & Time Acquired ::	2017-10-12 13:16:28	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	118.71	111.48	115.81	115.33	3.16	ppb
Antimony	121-1	0.12	0.13	0.19	0.14	26.63	ppb
Arsenic	75-2	0.15	0.13	0.05	0.11	49.63	ppb
Barium	135-1	15.73	15.42	14.07	15.07	5.85	ppb
Barium	137-1	15.62	15.39	14.51	15.17	3.87	ppb
Beryllium	9-1	0.00	-0.03	-0.03	-0.02		ppb
Bismuth	209-1				102		%
Bismuth	209-2				95		%
Boron	10-1	0.61	0.20	0.78	0.53	55.74	ppb
Boron	11-1	0.59	0.32	-0.02	0.30	103.37	ppb
Cadmium	111-1	0.17	0.05	0.06	0.09	68.30	ppb
Cadmium	106-1	2.31	0.32	0.09	0.91	134.07	ppb
Cadmium	108-1	0.12	0.12	-0.06	0.06	171.60	ppb
Calcium	43-1	297.53	307.04	366.01	323.52	11.47	ppb
Calcium	44-1	337.92	337.29	329.15	334.78	1.46	ppb
Chromium	52-2	0.91	0.90	0.80	0.87	6.83	ppb
Cobalt	59-2	0.27	0.30	0.33	0.30	10.63	ppb
Copper	63-2	2.56	2.55	2.58	2.56	0.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				96		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	56-2	356.34	351.75	358.04	355.38	0.92	ppb
Iron	57-2	361.91	319.06	349.89	343.62	6.43	ppb
Lead	206-1	18.91	18.83	18.86	18.87	0.20	ppb
Lead	207-1	17.13	17.32	17.44	17.30	0.92	ppb
Lead	208-1	18.01	17.93	18.14	18.03	0.58	ppb
Lithium	6-1				98		%
Magnesium	24-2	58.30	61.24	56.43	58.65	4.14	ppb
Manganese	55-2	7.36	7.46	7.32	7.38	0.96	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-01LDLX100	Instrumnet Name :	P7
Client Sample ID :	B-38(FILL)_ 100917L	Dilution Factor :	100
Date & Time Acquired ::	2017-10-12 13:16:28	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.06	0.00	0.02	132.08	ppb
Molybdenum	95-1	0.05	0.06	0.06	0.06	14.39	ppb
Molybdenum	96-1	0.04	0.08	0.03	0.05	56.44	ppb
Molybdenum	97-1	0.06	0.01	0.06	0.04	57.46	ppb
Molybdenum	98-1	0.02	0.00	0.07	0.03	112.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.40	0.23	0.29	0.31	28.85	ppb
Phosphorus	31-2	17.60	-2.42	7.13	7.43	134.73	ppb
Potassium	39-2	8.17	-8.13	-6.06	-2.01		ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.37	-4.74	-1.89	-2.67		ppb
Selenium	82-1	-1.09	-1.44	-1.46	-1.33		ppb
Silicon	28-1	18.93	21.07	20.35	20.12	5.41	ppb
Silver	109-1	0.06	0.04	0.06	0.05	24.12	ppb
Silver	107-1	0.04	0.01	0.07	0.04	83.88	ppb
Sodium	23-2	-9.33	-12.32	-6.57	-9.41		ppb
Strontium	86-1	1.41	1.41	2.05	1.62	22.91	ppb
Strontium	88-1	1.56	1.61	1.59	1.59	1.54	ppb
Sulfur	34-1	-666.10	-960.85	-984.55	-870.50		ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	0.01	0.00	0.01	0.01	76.44	ppb
Thallium	205-1	0.02	0.01	0.00	0.01	77.53	ppb
Tin	118-1	0.53	0.41	0.41	0.45	14.92	ppb
Titanium	47-1	3.16	3.18	2.60	2.98	10.99	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	287.67	ppb
Vanadium	51-2	0.30	0.30	0.39	0.33	15.07	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	30.02	29.87	27.71	29.20	4.42	ppb
Zirconium	90-1	0.02	0.01	0.03	0.02	67.35	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-01LDLX100	Instrumnet Name :	P7
Client Sample ID :	B-38(FILL)_100917L	Dilution Factor :	100
Date & Time Acquired ::	2017-10-12 13:16:28	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	-0.01	0.03	0.01	268.02	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-03DLX20	Instrumnet Name :	P7
Client Sample ID :	B-38(FILL)_100917S	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:20:01	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	597.55	575.43	581.35	584.78	1.96	ppb
Antimony	121-1	1.67	1.58	1.43	1.56	7.70	ppb
Arsenic	75-2	0.98	1.48	0.97	1.14	25.54	ppb
Barium	135-1	97.33	95.27	97.44	96.68	1.26	ppb
Barium	137-1	94.33	95.38	96.28	95.33	1.02	ppb
Beryllium	9-1	0.46	0.61	0.53	0.53	13.74	ppb
Bismuth	209-1				101		%
Bismuth	209-2				96		%
Boron	10-1	2.34	0.78	1.54	1.55	50.27	ppb
Boron	11-1	0.93	1.34	1.24	1.17	18.14	ppb
Cadmium	111-1	0.84	0.74	0.78	0.79	6.87	ppb
Cadmium	106-1	0.26	-1.28	0.44	-0.19		ppb
Cadmium	108-1	1.16	0.64	0.12	0.64	81.96	ppb
Calcium	43-1	1785.59	1711.96	1807.67	1768.41	2.83	ppb
Calcium	44-1	1757.81	1725.33	1717.15	1733.43	1.24	ppb
Chromium	52-2	6.48	6.28	6.96	6.57	5.31	ppb
Cobalt	59-2	6.42	6.45	6.46	6.44	0.31	ppb
Copper	63-2	14.82	14.96	14.96	14.91	0.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				97		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	1828.28	1848.63	1852.15	1843.02	0.70	ppb
Iron	57-2	1851.01	1880.32	1824.49	1851.94	1.51	ppb
Lead	206-1	97.16	96.73	97.21	97.03	0.27	ppb
Lead	207-1	89.76	89.19	90.20	89.71	0.57	ppb
Lead	208-1	93.53	92.72	93.36	93.20	0.46	ppb
Lithium	6-1				100		%
Magnesium	24-2	276.28	267.08	263.27	268.88	2.49	ppb
Manganese	55-2	42.15	41.89	42.99	42.35	1.35	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-03DLX20	Instrumnet Name :	P7
Client Sample ID :	B-38(FILL)_ 100917S	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:20:01	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.12	0.09	0.12	0.11	16.13	ppb
Molybdenum	95-1	0.12	0.14	0.27	0.18	45.82	ppb
Molybdenum	96-1	0.07	0.13	0.13	0.11	28.74	ppb
Molybdenum	97-1	0.10	0.06	0.10	0.09	28.57	ppb
Molybdenum	98-1	0.16	0.15	0.16	0.15	2.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.66	6.58	6.25	6.50	3.34	ppb
Phosphorus	31-2	44.99	60.14	26.15	43.76	38.91	ppb
Potassium	39-2	33.81	23.11	27.39	28.10	19.17	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				95		%
Scandium	45-2				96		%
Selenium	77-2	2.66	1.34	0.00	1.33	99.81	ppb
Selenium	78-2	0.07	-0.53	-3.25	-1.24		ppb
Selenium	82-1	0.53	-0.93	-0.75	-0.38		ppb
Silicon	28-1	125.20	122.66	118.05	121.97	2.97	ppb
Silver	109-1	0.50	0.65	0.71	0.62	18.03	ppb
Silver	107-1	0.58	0.55	0.53	0.55	4.33	ppb
Sodium	23-2	5.38	15.67	5.29	8.78	67.94	ppb
Strontium	86-1	8.76	8.29	8.87	8.64	3.55	ppb
Strontium	88-1	8.43	8.34	8.71	8.49	2.29	ppb
Sulfur	34-1	-686.10	-563.42	-726.59	-658.70		ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	0.41	0.45	0.37	0.41	9.75	ppb
Thallium	205-1	0.49	0.45	0.54	0.49	9.56	ppb
Tin	118-1	2.43	2.35	2.32	2.37	2.41	ppb
Titanium	47-1	16.41	17.74	16.69	16.94	4.13	ppb
Uranium	238-1	0.03	0.04	0.05	0.04	24.06	ppb
Vanadium	51-2	6.36	6.28	6.37	6.34	0.80	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	153.18	158.35	153.76	155.10	1.82	ppb
Zirconium	90-1	0.10	0.11	0.12	0.11	9.25	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-03DLX20	Instrumnet Name :	P7
Client Sample ID :	B-38(FILL)_100917S	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:20:01	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.03	0.03	0.05	73.17	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-04DLX20	Instrumnet Name :	P7
Client Sample ID :	B-38(0-1)_100917	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:23:32	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	531.53	515.12	533.81	526.82	1.94	ppb
Antimony	121-1	0.18	0.12	0.18	0.16	20.31	ppb
Arsenic	75-2	0.56	0.32	0.38	0.42	29.72	ppb
Barium	135-1	47.52	48.19	46.16	47.29	2.18	ppb
Barium	137-1	47.49	48.56	47.20	47.75	1.50	ppb
Beryllium	9-1	0.04	-0.03	0.04	0.02	220.45	ppb
Bismuth	209-1				106		%
Bismuth	209-2				98		%
Boron	10-1	1.73	2.30	1.90	1.98	14.87	ppb
Boron	11-1	1.65	2.17	1.30	1.71	25.81	ppb
Cadmium	111-1	0.01	0.09	0.13	0.08	78.81	ppb
Cadmium	106-1	-2.40	-1.27	-1.19	-1.62		ppb
Cadmium	108-1	0.28	-0.06	0.11	0.11	154.19	ppb
Calcium	43-1	1606.10	1554.56	1718.03	1626.23	5.14	ppb
Calcium	44-1	1562.96	1573.70	1526.28	1554.31	1.60	ppb
Chromium	52-2	2.26	1.96	1.86	2.02	10.26	ppb
Cobalt	59-2	0.70	0.65	0.77	0.71	9.12	ppb
Copper	63-2	4.91	5.25	5.18	5.11	3.51	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				105		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	56-2	1244.91	1228.40	1232.69	1235.33	0.69	ppb
Iron	57-2	1271.91	1180.45	1250.10	1234.16	3.87	ppb
Lead	206-1	72.54	73.55	72.91	73.00	0.70	ppb
Lead	207-1	65.37	65.95	64.50	65.27	1.12	ppb
Lead	208-1	68.74	68.45	67.75	68.31	0.74	ppb
Lithium	6-1				101		%
Magnesium	24-2	377.56	356.04	365.34	366.32	2.95	ppb
Manganese	55-2	22.86	22.69	22.63	22.72	0.54	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-04DLX20	Instrumnet Name :	P7
Client Sample ID :	B-38(0-1)_100917	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:23:32	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.11	0.06	0.11	0.09	29.78	ppb
Molybdenum	95-1	0.08	0.07	0.07	0.08	10.93	ppb
Molybdenum	96-1	0.06	0.09	0.13	0.09	38.29	ppb
Molybdenum	97-1	0.12	0.12	0.01	0.09	72.51	ppb
Molybdenum	98-1	0.08	0.08	0.06	0.07	17.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.45	1.63	1.23	1.44	13.84	ppb
Phosphorus	31-2	45.83	40.36	21.48	35.89	35.60	ppb
Potassium	39-2	33.28	27.19	36.04	32.17	14.06	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	77-2	2.64	2.62	1.31	2.19	34.90	ppb
Selenium	78-2	-3.50	-3.11	-1.60	-2.74		ppb
Selenium	82-1	0.52	0.16	-1.41	-0.24		ppb
Silicon	28-1	87.99	87.14	89.40	88.17	1.29	ppb
Silver	109-1	0.08	0.10	0.06	0.08	22.15	ppb
Silver	107-1	0.06	0.06	0.05	0.06	15.18	ppb
Sodium	23-2	19.63	17.49	17.94	18.35	6.14	ppb
Strontium	86-1	6.38	6.19	5.88	6.15	4.18	ppb
Strontium	88-1	6.27	6.51	6.32	6.37	2.05	ppb
Sulfur	34-1	-1124.77	-1546.73	-1426.15	-1365.88		ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	0.03	0.03	0.00	0.02	106.42	ppb
Thallium	205-1	0.01	0.01	0.02	0.01	51.56	ppb
Tin	118-1	12.41	11.76	11.42	11.86	4.24	ppb
Titanium	47-1	17.31	19.61	19.33	18.75	6.70	ppb
Uranium	238-1	0.04	0.03	0.03	0.04	13.22	ppb
Vanadium	51-2	1.81	1.77	1.84	1.81	1.89	ppb
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	61.68	58.53	56.66	58.96	4.30	ppb
Zirconium	90-1	0.10	0.11	0.09	0.10	9.17	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-04DLX20	Instrumnet Name :	P7
Client Sample ID :	B-38(0-1)_100917	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:23:32	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.06	0.04	0.04	77.37	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-05DLX20	Instrumnet Name :	P7
Client Sample ID :	B-38(1-3)_100917	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:27:04	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	701.89	722.05	743.77	722.57	2.90	ppb
Antimony	121-1	0.01	0.04	0.00	0.02	109.93	ppb
Arsenic	75-2	0.28	0.28	0.40	0.32	20.91	ppb
Barium	135-1	5.30	4.57	4.77	4.88	7.68	ppb
Barium	137-1	4.70	4.43	4.83	4.65	4.35	ppb
Beryllium	9-1	0.00	0.01	0.03	0.01	103.73	ppb
Bismuth	209-1				109		%
Bismuth	209-2				100		%
Boron	10-1	1.72	0.56	0.75	1.01	61.18	ppb
Boron	11-1	0.01	0.44	0.20	0.22	101.23	ppb
Cadmium	111-1	-0.18	-0.23	0.04	-0.12		ppb
Cadmium	106-1	-2.46	-3.30	0.48	-1.76		ppb
Cadmium	108-1	-0.06	-0.06	0.10	0.00		ppb
Calcium	43-1	969.61	1100.40	1160.72	1076.91	9.07	ppb
Calcium	44-1	995.42	1029.32	996.98	1007.24	1.90	ppb
Chromium	52-2	1.06	0.95	0.84	0.95	11.40	ppb
Cobalt	59-2	0.58	0.53	0.57	0.56	4.26	ppb
Copper	63-2	2.25	2.10	2.42	2.26	7.04	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				107		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				97		%
Iron	56-2	1074.16	1066.82	1079.59	1073.52	0.60	ppb
Iron	57-2	1050.03	1071.79	1040.77	1054.20	1.51	ppb
Lead	206-1	2.60	2.31	2.53	2.48	6.10	ppb
Lead	207-1	2.42	2.22	2.20	2.28	5.51	ppb
Lead	208-1	2.55	2.31	2.43	2.43	4.89	ppb
Lithium	6-1				101		%
Magnesium	24-2	210.08	212.39	210.31	210.93	0.60	ppb
Manganese	55-2	15.86	16.13	16.23	16.07	1.17	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-05DLX20	Instrumnet Name :	P7
Client Sample ID :	B-38(1-3)_100917	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:27:04	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.07	0.07	0.09	0.07	16.61	ppb
Molybdenum	95-1	0.08	0.03	0.06	0.06	46.26	ppb
Molybdenum	96-1	0.04	0.07	0.04	0.05	38.08	ppb
Molybdenum	97-1	0.10	0.03	0.06	0.06	50.97	ppb
Molybdenum	98-1	0.04	0.08	0.04	0.06	42.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.06	1.06	0.91	1.01	8.62	ppb
Phosphorus	31-2	51.47	17.40	36.89	35.25	48.49	ppb
Potassium	39-2	41.78	42.25	37.72	40.58	6.14	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				94		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.90	-1.33	-1.80	-1.34		ppb
Selenium	82-1	-0.09	0.16	-0.58	-0.17		ppb
Silicon	28-1	138.76	134.50	146.66	139.97	4.41	ppb
Silver	109-1	0.01	0.03	0.01	0.01	76.93	ppb
Silver	107-1	0.02	0.02	0.05	0.03	61.55	ppb
Sodium	23-2	4.32	3.99	0.35	2.89	76.29	ppb
Strontium	86-1	2.92	3.01	2.69	2.87	5.84	ppb
Strontium	88-1	2.92	3.01	3.03	2.99	2.03	ppb
Sulfur	34-1	-1253.31	-1207.28	-1154.02	-1204.87		ppb
Terbium	159-1				107		%
Terbium	159-2				101		%
Thallium	203-1	0.02	0.02	0.00	0.01	82.83	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	47.27	ppb
Tin	118-1	0.23	0.29	0.18	0.23	23.41	ppb
Titanium	47-1	19.40	19.39	20.01	19.60	1.83	ppb
Uranium	238-1	0.06	0.05	0.03	0.05	27.51	ppb
Vanadium	51-2	1.69	1.68	1.64	1.67	1.57	ppb
Yttrium	89-1				104		%
Yttrium	89-2				97		%
Zinc	66-2	5.23	5.54	4.74	5.17	7.77	ppb
Zirconium	90-1	0.14	0.04	0.11	0.09	53.28	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-05DLX20	Instrumnet Name :	P7
Client Sample ID :	B-38(1-3)_100917	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:27:04	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.11	0.17	0.12	37.91	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-06DLX20	Instrumnet Name :	P7
Client Sample ID :	B-8(5-6.25)_101017	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:30:35	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	513.49	516.59	548.97	526.35	3.73	ppb
Antimony	121-1	0.06	0.05	0.02	0.04	50.86	ppb
Arsenic	75-2	0.31	0.22	0.24	0.26	19.72	ppb
Barium	135-1	6.80	6.03	7.02	6.62	7.89	ppb
Barium	137-1	7.00	7.14	7.15	7.10	1.18	ppb
Beryllium	9-1	0.03	0.00	0.04	0.02	93.41	ppb
Bismuth	209-1				113		%
Bismuth	209-2				101		%
Boron	10-1	0.95	0.95	0.97	0.96	0.69	ppb
Boron	11-1	0.62	0.54	0.34	0.50	28.29	ppb
Cadmium	111-1	0.05	-0.16	-0.07	-0.06		ppb
Cadmium	106-1	0.74	-1.92	-1.29	-0.82		ppb
Cadmium	108-1	0.25	0.57	-0.06	0.26	122.85	ppb
Calcium	43-1	3960.33	3953.39	3951.54	3955.09	0.12	ppb
Calcium	44-1	3819.38	3773.46	3736.30	3776.38	1.10	ppb
Chromium	52-2	1.11	1.21	1.39	1.24	11.52	ppb
Cobalt	59-2	0.59	0.51	0.65	0.58	11.94	ppb
Copper	63-2	3.78	3.74	4.00	3.84	3.71	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				111		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				98		%
Iron	56-2	1023.23	1019.63	1042.88	1028.58	1.22	ppb
Iron	57-2	991.07	1021.54	1001.40	1004.67	1.54	ppb
Lead	206-1	6.98	6.61	6.90	6.83	2.82	ppb
Lead	207-1	6.46	6.09	6.19	6.25	3.10	ppb
Lead	208-1	6.61	6.34	6.50	6.49	2.14	ppb
Lithium	6-1				100		%
Magnesium	24-2	298.02	307.26	321.27	308.85	3.79	ppb
Manganese	55-2	35.41	35.27	36.20	35.63	1.41	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-06DLX20	Instrumnet Name :	P7
Client Sample ID :	B-8(5-6.25)_101017	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:30:35	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.06	0.09	0.05	0.06	29.30	ppb
Molybdenum	95-1	0.05	0.12	0.02	0.06	82.00	ppb
Molybdenum	96-1	0.04	0.08	0.10	0.08	39.26	ppb
Molybdenum	97-1	0.11	0.09	0.05	0.09	34.94	ppb
Molybdenum	98-1	0.03	0.06	0.04	0.04	28.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.43	1.11	1.26	1.26	12.65	ppb
Phosphorus	31-2	44.95	35.49	27.11	35.85	24.89	ppb
Potassium	39-2	24.70	27.83	42.88	31.80	30.55	ppb
Rhodium	103-1				106		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	77-2	2.59	0.00	1.30	1.29	99.89	ppb
Selenium	78-2	-2.34	-0.63	-3.17	-2.04		ppb
Selenium	82-1	0.22	-0.10	-0.74	-0.21		ppb
Silicon	28-1	44.54	43.43	50.42	46.13	8.14	ppb
Silver	109-1	0.02	0.03	0.04	0.03	30.09	ppb
Silver	107-1	0.02	0.04	0.02	0.03	36.11	ppb
Sodium	23-2	1.92	-3.14	2.74	0.50	631.71	ppb
Strontium	86-1	3.76	4.07	3.39	3.74	9.15	ppb
Strontium	88-1	3.53	3.27	3.42	3.41	3.87	ppb
Sulfur	34-1	-1769.87	-1691.54	-1636.22	-1699.21		ppb
Terbium	159-1				111		%
Terbium	159-2				102		%
Thallium	203-1	0.01	0.00	0.01	0.00	194.36	ppb
Thallium	205-1	0.00	0.01	0.00	0.01	83.01	ppb
Tin	118-1	0.22	0.24	0.18	0.21	15.90	ppb
Titanium	47-1	9.39	11.79	10.43	10.54	11.42	ppb
Uranium	238-1	0.04	0.03	0.02	0.03	31.98	ppb
Vanadium	51-2	1.29	1.29	1.48	1.36	8.04	ppb
Yttrium	89-1				108		%
Yttrium	89-2				99		%
Zinc	66-2	6.75	7.34	7.26	7.11	4.50	ppb
Zirconium	90-1	0.07	0.04	0.07	0.06	24.15	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-06DLX20	Instrumnet Name :	P7
Client Sample ID :	B-8(5-6.25)_101017	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:30:35	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.04	0.00	0.04	98.29	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-07DLX20	Instrumnet Name :	P7
Client Sample ID :	B-8(1.5-2.5)_101017	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:34:06	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	686.09	673.90	671.14	677.04	1.17	ppb
Antimony	121-1	0.04	0.09	0.08	0.07	37.17	ppb
Arsenic	75-2	0.34	0.38	0.36	0.36	5.13	ppb
Barium	135-1	5.26	5.47	5.52	5.42	2.56	ppb
Barium	137-1	5.47	5.84	5.78	5.69	3.50	ppb
Beryllium	9-1	0.07	0.00	0.00	0.02	173.20	ppb
Bismuth	209-1				110		%
Bismuth	209-2				97		%
Boron	10-1	1.53	0.00	0.97	0.83	92.95	ppb
Boron	11-1	0.09	1.36	0.55	0.67	96.21	ppb
Cadmium	111-1	0.20	-0.04	0.01	0.06	218.63	ppb
Cadmium	106-1	0.95	-2.19	-1.07	-0.77		ppb
Cadmium	108-1	-0.06	0.90	-0.06	0.26	211.50	ppb
Calcium	43-1	552.35	550.01	532.19	544.85	2.02	ppb
Calcium	44-1	491.67	513.53	502.15	502.45	2.18	ppb
Chromium	52-2	1.56	1.21	1.22	1.33	15.16	ppb
Cobalt	59-2	0.67	0.65	0.69	0.67	2.97	ppb
Copper	63-2	5.35	5.35	5.82	5.50	4.89	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				108		%
Holmium	165-2				99		%
Indium	115-1				105		%
Indium	115-2				96		%
Iron	56-2	1257.05	1242.73	1234.78	1244.85	0.91	ppb
Iron	57-2	1276.88	1237.77	1217.32	1243.99	2.43	ppb
Lead	206-1	8.91	8.83	9.02	8.92	1.07	ppb
Lead	207-1	8.21	8.64	8.22	8.36	2.96	ppb
Lead	208-1	8.55	8.57	8.52	8.55	0.34	ppb
Lithium	6-1				100		%
Magnesium	24-2	221.73	232.78	224.03	226.18	2.58	ppb
Manganese	55-2	46.39	45.21	45.16	45.59	1.53	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-07DLX20	Instrumnet Name :	P7
Client Sample ID :	B-8(1.5-2.5)_101017	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:34:06	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.06	0.09	0.05	0.07	28.00	ppb
Molybdenum	95-1	0.08	0.02	0.02	0.04	96.54	ppb
Molybdenum	96-1	0.03	0.04	0.07	0.04	50.51	ppb
Molybdenum	97-1	0.01	0.12	0.03	0.05	99.26	ppb
Molybdenum	98-1	0.07	0.06	0.06	0.06	10.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.13	1.23	1.22	1.19	4.38	ppb
Phosphorus	31-2	17.31	40.98	45.15	34.48	43.54	ppb
Potassium	39-2	15.99	9.65	7.93	11.19	37.90	ppb
Rhodium	103-1				104		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				95		%
Selenium	77-2	0.00	1.32	0.00	0.44	173.21	ppb
Selenium	78-2	1.85	-2.39	-3.31	-1.28		ppb
Selenium	82-1	0.38	-1.02	0.40	-0.08		ppb
Silicon	28-1	46.79	46.60	45.78	46.39	1.16	ppb
Silver	109-1	0.05	0.07	0.05	0.06	20.46	ppb
Silver	107-1	0.05	0.03	0.04	0.04	17.12	ppb
Sodium	23-2	3.13	-1.35	1.37	1.05	215.34	ppb
Strontium	86-1	3.05	2.59	2.32	2.65	14.01	ppb
Strontium	88-1	2.75	2.55	2.73	2.68	4.14	ppb
Sulfur	34-1	-1890.79	-1584.14	-1634.30	-1703.08		ppb
Terbium	159-1				108		%
Terbium	159-2				99		%
Thallium	203-1	0.01	0.01	0.00	0.00	183.60	ppb
Thallium	205-1	0.02	0.02	0.00	0.01	79.57	ppb
Tin	118-1	0.36	0.30	0.26	0.31	16.28	ppb
Titanium	47-1	12.01	12.84	12.63	12.49	3.46	ppb
Uranium	238-1	0.07	0.04	0.03	0.05	39.30	ppb
Vanadium	51-2	1.61	1.50	1.50	1.54	4.01	ppb
Yttrium	89-1				105		%
Yttrium	89-2				97		%
Zinc	66-2	19.33	17.37	17.68	18.13	5.81	ppb
Zirconium	90-1	0.07	0.07	0.07	0.07	1.68	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-07DLX20	Instrumnet Name :	P7
Client Sample ID :	B-8(1.5-2.5)_101017	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:34:06	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.09	0.06	0.06	42.39	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-08DLX20	Instrumnet Name :	P7
Client Sample ID :	B-7(0.5-1.5)_101017	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:37:38	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	552.07	551.76	543.76	549.20	0.86	ppb
Antimony	121-1	0.18	0.15	0.15	0.16	12.73	ppb
Arsenic	75-2	0.50	0.38	0.28	0.39	27.85	ppb
Barium	135-1	48.05	46.91	48.24	47.73	1.51	ppb
Barium	137-1	47.67	48.76	47.19	47.87	1.68	ppb
Beryllium	9-1	0.02	0.11	0.00	0.04	139.84	ppb
Bismuth	209-1				104		%
Bismuth	209-2				96		%
Boron	10-1	0.00	0.21	0.80	0.34	122.75	ppb
Boron	11-1	0.23	0.24	-0.13	0.11	188.63	ppb
Cadmium	111-1	0.16	-0.01	0.13	0.09	98.96	ppb
Cadmium	106-1	0.71	-0.79	1.21	0.38	274.73	ppb
Cadmium	108-1	0.11	0.11	0.28	0.17	58.97	ppb
Calcium	43-1	251.61	310.95	361.83	308.13	17.90	ppb
Calcium	44-1	308.23	303.21	325.32	312.25	3.71	ppb
Chromium	52-2	2.21	2.26	2.18	2.22	1.87	ppb
Cobalt	59-2	0.59	0.53	0.58	0.57	5.86	ppb
Copper	63-2	5.08	5.05	4.75	4.96	3.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				97		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	56-2	1173.39	1161.30	1194.41	1176.36	1.42	ppb
Iron	57-2	1150.33	1156.47	1200.12	1168.97	2.32	ppb
Lead	206-1	41.85	41.70	40.82	41.46	1.35	ppb
Lead	207-1	37.20	37.04	37.14	37.13	0.21	ppb
Lead	208-1	39.27	38.93	38.66	38.95	0.79	ppb
Lithium	6-1				98		%
Magnesium	24-2	244.98	234.60	245.50	241.69	2.54	ppb
Manganese	55-2	60.67	61.81	61.74	61.40	1.04	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-08DLX20	Instrumnet Name :	P7
Client Sample ID :	B-7(0.5-1.5)_101017	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:37:38	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.07	0.06	0.03	0.06	34.99	ppb
Molybdenum	95-1	0.07	0.15	0.13	0.12	36.12	ppb
Molybdenum	96-1	0.03	0.07	0.08	0.06	47.82	ppb
Molybdenum	97-1	0.12	0.14	0.04	0.10	56.54	ppb
Molybdenum	98-1	0.04	0.04	0.08	0.05	43.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.40	1.13	1.21	1.25	10.86	ppb
Phosphorus	31-2	35.77	53.52	70.36	53.22	32.50	ppb
Potassium	39-2	82.98	65.54	63.75	70.76	15.01	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	77-2	0.00	1.31	0.00	0.44	173.21	ppb
Selenium	78-2	-0.88	-1.58	-2.81	-1.76		ppb
Selenium	82-1	-0.32	-0.53	-0.77	-0.54		ppb
Silicon	28-1	40.77	40.76	39.25	40.26	2.17	ppb
Silver	109-1	0.05	0.05	0.08	0.06	30.39	ppb
Silver	107-1	0.06	0.03	0.05	0.05	34.29	ppb
Sodium	23-2	7.70	-4.66	5.80	2.95	225.63	ppb
Strontium	86-1	2.76	2.11	2.41	2.43	13.47	ppb
Strontium	88-1	2.28	2.24	2.54	2.35	6.78	ppb
Sulfur	34-1	-1195.81	-1280.32	-994.88	-1157.00		ppb
Terbium	159-1				102		%
Terbium	159-2				97		%
Thallium	203-1	0.00	0.04	0.01	0.02	110.90	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	32.87	ppb
Tin	118-1	0.62	0.71	0.75	0.69	9.28	ppb
Titanium	47-1	11.82	11.99	10.58	11.46	6.74	ppb
Uranium	238-1	0.04	0.04	0.03	0.04	7.77	ppb
Vanadium	51-2	1.42	1.55	1.64	1.53	7.33	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	37.13	36.25	38.03	37.14	2.40	ppb
Zirconium	90-1	0.05	0.05	0.04	0.04	16.72	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-08DLX20	Instrumnet Name :	P7
Client Sample ID :	B-7(0.5-1.5)_101017	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:37:38	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.04	0.03	0.05	55.37	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-09DLX20	Instrumnet Name :	P7
Client Sample ID :	B-7(5-6)_101017	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:41:09	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	425.89	435.07	401.61	420.86	4.11	ppb
Antimony	121-1	0.04	0.05	0.07	0.05	27.66	ppb
Arsenic	75-2	0.36	0.65	0.61	0.54	29.20	ppb
Barium	135-1	6.46	5.83	6.10	6.13	5.15	ppb
Barium	137-1	5.54	5.83	6.13	5.83	5.08	ppb
Beryllium	9-1	0.03	0.03	0.01	0.03	35.29	ppb
Bismuth	209-1				104		%
Bismuth	209-2				96		%
Boron	10-1	1.18	1.18	0.97	1.11	10.77	ppb
Boron	11-1	0.57	0.27	0.47	0.44	33.92	ppb
Cadmium	111-1	0.09	-0.12	-0.04	-0.02		ppb
Cadmium	106-1	0.74	-2.06	-0.84	-0.72		ppb
Cadmium	108-1	-0.06	-0.06	0.11	0.00		ppb
Calcium	43-1	297.94	289.38	208.78	265.37	18.54	ppb
Calcium	44-1	262.51	247.36	250.04	253.30	3.19	ppb
Chromium	52-2	1.17	1.10	1.14	1.14	2.74	ppb
Cobalt	59-2	0.53	0.42	0.44	0.46	13.56	ppb
Copper	63-2	3.47	3.34	3.40	3.40	1.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				97		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	56-2	1709.11	1761.98	1715.44	1728.84	1.67	ppb
Iron	57-2	1695.75	1718.43	1710.23	1708.14	0.67	ppb
Lead	206-1	3.10	3.06	3.16	3.11	1.58	ppb
Lead	207-1	2.94	2.84	2.79	2.86	2.56	ppb
Lead	208-1	2.99	3.02	3.00	3.00	0.46	ppb
Lithium	6-1				99		%
Magnesium	24-2	144.36	147.39	138.86	143.54	3.01	ppb
Manganese	55-2	40.37	41.81	40.29	40.83	2.09	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-09DLX20	Instrumnet Name :	P7
Client Sample ID :	B-7(5-6)_101017	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:41:09	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.06	0.09	0.13	0.09	40.71	ppb
Molybdenum	95-1	0.07	0.15	0.17	0.13	39.20	ppb
Molybdenum	96-1	0.18	0.13	0.17	0.16	14.04	ppb
Molybdenum	97-1	0.10	0.10	0.14	0.12	21.85	ppb
Molybdenum	98-1	0.10	0.04	0.10	0.08	40.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.15	1.18	1.04	1.12	6.70	ppb
Phosphorus	31-2	21.47	41.70	25.92	29.70	35.81	ppb
Potassium	39-2	35.02	33.28	33.88	34.06	2.60	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	77-2	0.00	1.32	0.00	0.44	173.21	ppb
Selenium	78-2	-2.59	-1.75	-1.54	-1.96		ppb
Selenium	82-1	-0.20	-1.19	-0.77	-0.72		ppb
Silicon	28-1	59.42	56.03	63.67	59.70	6.41	ppb
Silver	109-1	0.04	0.02	0.02	0.03	39.06	ppb
Silver	107-1	0.04	0.03	0.01	0.02	51.12	ppb
Sodium	23-2	-5.87	2.52	-0.32	-1.22		ppb
Strontium	86-1	1.89	1.88	1.89	1.89	0.24	ppb
Strontium	88-1	1.72	1.66	1.69	1.69	1.66	ppb
Sulfur	34-1	-951.65	-950.17	-1291.64	-1064.49		ppb
Terbium	159-1				102		%
Terbium	159-2				97		%
Thallium	203-1	0.02	0.03	0.02	0.02	29.38	ppb
Thallium	205-1	0.02	0.01	0.01	0.02	33.87	ppb
Tin	118-1	0.07	0.19	0.26	0.17	54.15	ppb
Titanium	47-1	11.51	11.07	11.02	11.20	2.45	ppb
Uranium	238-1	0.04	0.02	0.05	0.03	45.65	ppb
Vanadium	51-2	1.25	1.30	1.26	1.27	2.06	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	13.26	13.40	11.92	12.86	6.34	ppb
Zirconium	90-1	0.14	0.17	0.13	0.15	11.64	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-09DLX20	Instrumnet Name :	P7
Client Sample ID :	B-7(5-6)_101017	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:41:09	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.21	0.10	0.11	97.05	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-10DLX20	Instrumnet Name :	P7
Client Sample ID :	DUP-4	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:44:41	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	583.37	585.33	605.97	591.56	2.12	ppb
Antimony	121-1	0.20	0.17	0.15	0.17	13.75	ppb
Arsenic	75-2	0.32	0.38	0.44	0.38	15.54	ppb
Barium	135-1	55.75	57.30	55.81	56.29	1.57	ppb
Barium	137-1	53.57	53.65	55.04	54.09	1.53	ppb
Beryllium	9-1	0.05	0.00	0.02	0.02	109.79	ppb
Bismuth	209-1				102		%
Bismuth	209-2				95		%
Boron	10-1	1.96	1.78	2.16	1.96	9.52	ppb
Boron	11-1	2.18	1.75	1.31	1.75	24.81	ppb
Cadmium	111-1	-0.06	0.26	0.21	0.14	124.46	ppb
Cadmium	106-1	-2.47	1.12	1.12	-0.07		ppb
Cadmium	108-1	-0.06	0.29	0.29	0.17	115.70	ppb
Calcium	43-1	1786.88	1849.82	1774.87	1803.86	2.23	ppb
Calcium	44-1	1778.48	1767.62	1746.20	1764.10	0.93	ppb
Chromium	52-2	2.49	2.91	2.71	2.70	7.86	ppb
Cobalt	59-2	1.05	0.99	0.90	0.98	7.83	ppb
Copper	63-2	6.12	5.97	5.72	5.94	3.41	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				100		%
Holmium	165-2				97		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	1458.18	1463.12	1451.68	1457.66	0.39	ppb
Iron	57-2	1454.54	1458.66	1438.44	1450.55	0.74	ppb
Lead	206-1	80.56	80.83	79.61	80.33	0.79	ppb
Lead	207-1	71.93	73.41	71.54	72.29	1.36	ppb
Lead	208-1	75.50	75.85	75.14	75.50	0.47	ppb
Lithium	6-1				98		%
Magnesium	24-2	462.98	479.84	473.34	472.05	1.80	ppb
Manganese	55-2	50.26	51.79	50.30	50.78	1.72	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-10DLX20	Instrumnet Name :	P7
Client Sample ID :	DUP-4	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:44:41	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.09	0.05	0.09	0.08	32.85	ppb
Molybdenum	95-1	0.07	0.09	0.10	0.09	15.81	ppb
Molybdenum	96-1	0.11	0.03	0.12	0.09	58.79	ppb
Molybdenum	97-1	0.17	0.01	0.04	0.07	113.19	ppb
Molybdenum	98-1	0.10	0.11	0.10	0.11	5.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.64	1.50	1.69	1.61	6.26	ppb
Phosphorus	31-2	55.67	59.98	69.77	61.81	11.69	ppb
Potassium	39-2	43.73	40.42	38.09	40.75	6.96	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	77-2	0.00	0.00	2.66	0.89	173.21	ppb
Selenium	78-2	-2.16	-4.58	-3.25	-3.33		ppb
Selenium	82-1	0.34	-0.19	-0.69	-0.18		ppb
Silicon	28-1	141.78	142.75	142.40	142.31	0.35	ppb
Silver	109-1	0.04	0.06	0.05	0.05	19.23	ppb
Silver	107-1	0.04	0.05	0.06	0.05	21.98	ppb
Sodium	23-2	35.78	30.89	32.07	32.91	7.76	ppb
Strontium	86-1	6.59	7.09	7.87	7.18	8.98	ppb
Strontium	88-1	7.09	7.10	7.16	7.12	0.52	ppb
Sulfur	34-1	-878.61	-707.97	-1187.24	-924.61		ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	0.00	0.02	0.01	0.01	128.29	ppb
Thallium	205-1	0.02	0.01	0.00	0.01	115.84	ppb
Tin	118-1	7.05	6.73	6.84	6.88	2.34	ppb
Titanium	47-1	21.60	19.68	20.49	20.59	4.67	ppb
Uranium	238-1	0.02	0.04	0.02	0.03	46.19	ppb
Vanadium	51-2	2.38	2.16	2.42	2.32	6.02	ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	66.71	68.07	69.47	68.08	2.02	ppb
Zirconium	90-1	0.11	0.14	0.08	0.11	30.20	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-10DLX20	Instrumnet Name :	P7
Client Sample ID :	DUP-4	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:44:41	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.14	0.16	0.08	0.13	31.60	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-11DLX20	Instrumnet Name :	P7
Client Sample ID :	B-66(1.5-2.5)_101017	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:48:13	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	749.71	738.62	728.02	738.78	1.47	ppb
Antimony	121-1	0.20	0.19	0.20	0.20	4.83	ppb
Arsenic	75-2	0.39	0.47	0.64	0.50	26.00	ppb
Barium	135-1	35.30	35.94	35.72	35.65	0.91	ppb
Barium	137-1	35.44	35.81	36.15	35.80	0.99	ppb
Beryllium	9-1	0.06	0.03	0.06	0.05	34.25	ppb
Bismuth	209-1				103		%
Bismuth	209-2				94		%
Boron	10-1	1.55	0.59	2.35	1.50	58.89	ppb
Boron	11-1	1.92	1.76	1.27	1.65	20.36	ppb
Cadmium	111-1	0.04	-0.07	0.06	0.01	921.34	ppb
Cadmium	106-1	-0.97	-2.52	-0.11	-1.20		ppb
Cadmium	108-1	0.11	-0.06	0.12	0.06	174.71	ppb
Calcium	43-1	3755.54	3976.14	3721.78	3817.82	3.62	ppb
Calcium	44-1	3791.08	3841.71	3757.74	3796.84	1.11	ppb
Chromium	52-2	3.87	3.91	4.16	3.98	4.03	ppb
Cobalt	59-2	0.65	0.70	0.70	0.69	4.54	ppb
Copper	63-2	6.98	7.16	6.86	7.00	2.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				96		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	56-2	1509.50	1500.78	1484.02	1498.10	0.86	ppb
Iron	57-2	1484.27	1500.19	1454.02	1479.49	1.59	ppb
Lead	206-1	56.14	57.26	55.98	56.46	1.24	ppb
Lead	207-1	51.04	53.45	51.36	51.95	2.52	ppb
Lead	208-1	53.44	54.43	53.97	53.95	0.92	ppb
Lithium	6-1				99		%
Magnesium	24-2	370.39	368.85	352.99	364.08	2.65	ppb
Manganese	55-2	20.71	20.35	19.56	20.21	2.90	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-11DLX20	Instrumnet Name :	P7
Client Sample ID :	B-66(1.5-2.5)_101017	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:48:13	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.32	0.19	0.31	0.27	24.75	ppb
Molybdenum	95-1	0.03	0.09	0.07	0.06	44.78	ppb
Molybdenum	96-1	0.19	0.18	0.15	0.17	12.19	ppb
Molybdenum	97-1	0.06	0.10	0.08	0.08	27.34	ppb
Molybdenum	98-1	0.09	0.10	0.07	0.09	18.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.15	2.26	1.93	2.11	8.08	ppb
Phosphorus	31-2	65.46	71.00	116.52	84.33	33.23	ppb
Potassium	39-2	57.53	56.10	44.01	52.55	14.13	ppb
Rhodium	103-1				99		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-2.09	1.55	-1.04	-0.52		ppb
Selenium	82-1	-1.05	-1.49	-0.88	-1.14		ppb
Silicon	28-1	888.60	883.79	889.80	887.40	0.36	ppb
Silver	109-1	0.09	0.04	0.08	0.07	39.05	ppb
Silver	107-1	0.07	0.09	0.08	0.08	8.86	ppb
Sodium	23-2	44.93	46.18	45.53	45.55	1.37	ppb
Strontium	86-1	21.21	20.81	20.52	20.85	1.65	ppb
Strontium	88-1	21.30	21.66	21.22	21.39	1.09	ppb
Sulfur	34-1	-1077.78	-912.13	-872.63	-954.18		ppb
Terbium	159-1				101		%
Terbium	159-2				96		%
Thallium	203-1	0.00	0.00	0.04	0.01	154.94	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	4.54	ppb
Tin	118-1	0.58	0.61	0.46	0.55	14.14	ppb
Titanium	47-1	28.38	29.11	29.84	29.11	2.52	ppb
Uranium	238-1	0.04	0.04	0.03	0.04	14.56	ppb
Vanadium	51-2	1.84	1.96	1.94	1.91	3.42	ppb
Yttrium	89-1				99		%
Yttrium	89-2				96		%
Zinc	66-2	42.42	43.41	43.52	43.12	1.41	ppb
Zirconium	90-1	0.41	0.37	0.29	0.36	16.42	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-11DLX20	Instrumnet Name :	P7
Client Sample ID :	B-66(1.5-2.5)_101017	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:48:13	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.31	0.31	0.35	0.32	7.66	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-12DLX20	Instrumnet Name :	P7
Client Sample ID :	B-67(1.5-2.5)_101017	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:51:46	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	597.38	622.75	593.96	604.69	2.60	ppb
Antimony	121-1	0.04	0.02	0.02	0.03	56.70	ppb
Arsenic	75-2	0.29	0.23	0.11	0.21	44.47	ppb
Barium	135-1	6.38	6.03	5.93	6.11	3.83	ppb
Barium	137-1	6.33	5.90	6.85	6.36	7.47	ppb
Beryllium	9-1	0.07	0.02	0.06	0.05	62.01	ppb
Bismuth	209-1				105		%
Bismuth	209-2				96		%
Boron	10-1	0.78	1.75	1.55	1.36	37.74	ppb
Boron	11-1	1.38	1.06	1.00	1.15	17.91	ppb
Cadmium	111-1	-0.10	-0.06	0.03	-0.04		ppb
Cadmium	106-1	-1.44	-1.15	0.37	-0.74		ppb
Cadmium	108-1	1.12	0.78	0.62	0.84	30.19	ppb
Calcium	43-1	2360.98	2519.39	2662.42	2514.26	6.00	ppb
Calcium	44-1	2388.16	2407.68	2401.97	2399.27	0.42	ppb
Chromium	52-2	1.59	1.46	1.76	1.60	9.59	ppb
Cobalt	59-2	0.80	0.71	0.77	0.76	5.67	ppb
Copper	63-2	5.86	6.48	6.53	6.29	5.89	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				103		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	56-2	1507.68	1503.94	1505.82	1505.81	0.12	ppb
Iron	57-2	1464.88	1516.75	1551.89	1511.17	2.90	ppb
Lead	206-1	6.00	5.94	5.94	5.96	0.58	ppb
Lead	207-1	5.49	5.33	5.46	5.43	1.61	ppb
Lead	208-1	5.71	5.54	5.59	5.61	1.55	ppb
Lithium	6-1				99		%
Magnesium	24-2	302.51	306.82	306.49	305.27	0.79	ppb
Manganese	55-2	42.92	42.43	43.80	43.05	1.61	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-12DLX20	Instrumnet Name :	P7
Client Sample ID :	B-67(1.5-2.5)_101017	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:51:46	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.16	0.17	0.25	0.20	24.63	ppb
Molybdenum	95-1	0.10	0.16	0.17	0.14	26.69	ppb
Molybdenum	96-1	0.12	0.16	0.15	0.15	14.38	ppb
Molybdenum	97-1	0.08	0.18	0.16	0.14	39.31	ppb
Molybdenum	98-1	0.15	0.18	0.14	0.16	13.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.76	3.11	3.15	3.01	7.13	ppb
Phosphorus	31-2	50.59	40.88	60.20	50.56	19.11	ppb
Potassium	39-2	35.25	44.99	40.61	40.28	12.12	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	77-2	0.00	0.00	1.33	0.44	173.21	ppb
Selenium	78-2	-2.75	-2.77	-2.57	-2.70		ppb
Selenium	82-1	-0.93	-0.75	0.27	-0.47		ppb
Silicon	28-1	515.15	518.80	518.95	517.64	0.42	ppb
Silver	109-1	0.05	0.04	0.07	0.05	29.63	ppb
Silver	107-1	0.05	0.02	0.08	0.05	66.42	ppb
Sodium	23-2	25.83	24.50	25.22	25.18	2.65	ppb
Strontium	86-1	8.99	10.25	9.98	9.74	6.78	ppb
Strontium	88-1	9.26	9.80	9.65	9.57	2.92	ppb
Sulfur	34-1	-1214.30	-1146.65	-1009.56	-1123.50		ppb
Terbium	159-1				103		%
Terbium	159-2				97		%
Thallium	203-1	0.01	0.01	0.02	0.01	76.88	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	33.92	ppb
Tin	118-1	0.15	0.14	0.12	0.13	11.33	ppb
Titanium	47-1	20.78	21.44	20.28	20.83	2.79	ppb
Uranium	238-1	0.04	0.03	0.03	0.03	19.92	ppb
Vanadium	51-2	2.03	1.93	1.80	1.92	5.99	ppb
Yttrium	89-1				101		%
Yttrium	89-2				96		%
Zinc	66-2	10.55	9.62	9.39	9.85	6.24	ppb
Zirconium	90-1	0.26	0.16	0.25	0.22	24.36	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-12DLX20	Instrumnet Name :	P7
Client Sample ID :	B-67(1.5-2.5)_101017	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:51:46	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.27	0.17	0.28	0.24	25.08	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	CCV078	Instrumnet Name :	P7
Client Sample ID :	CCV078	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 13:55:18	DataFile Name :	049CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49421.93	49504.29	49262.71	49396.31	0.25	ppb
Antimony	121-1	484.86	490.23	490.08	488.39	0.63	ppb
Arsenic	75-2	498.88	484.75	490.87	491.50	1.44	ppb
Barium	135-1	2472.69	2516.88	2490.65	2493.41	0.89	ppb
Barium	137-1	2475.53	2500.43	2502.23	2492.73	0.60	ppb
Beryllium	9-1	498.29	507.40	492.02	499.24	1.55	ppb
Bismuth	209-1				94		%
Bismuth	209-2				91		%
Boron	10-1	495.30	494.64	500.28	496.74	0.62	ppb
Boron	11-1	481.93	483.66	496.99	487.53	1.69	ppb
Cadmium	111-1	482.41	491.14	481.02	484.86	1.13	ppb
Cadmium	106-1	495.81	506.80	476.72	493.11	3.09	ppb
Cadmium	108-1	480.42	487.73	474.56	480.90	1.37	ppb
Calcium	43-1	239259.15	239404.96	242080.66	240248.26	0.66	ppb
Calcium	44-1	240309.49	240501.20	239224.23	240011.64	0.29	ppb
Chromium	52-2	500.09	504.15	499.04	501.09	0.54	ppb
Cobalt	59-2	485.84	488.59	487.93	487.45	0.30	ppb
Copper	63-2	951.32	950.98	955.75	952.68	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				99		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	56-2	124789.41	125742.33	125172.78	125234.84	0.38	ppb
Iron	57-2	123782.91	124308.76	124721.14	124270.93	0.38	ppb
Lead	206-1	511.73	512.91	506.36	510.34	0.68	ppb
Lead	207-1	501.15	504.22	498.11	501.16	0.61	ppb
Lead	208-1	503.78	506.44	499.85	503.36	0.66	ppb
Lithium	6-1				95		%
Magnesium	24-2	253570.99	251978.72	250613.65	252054.45	0.59	ppb
Manganese	55-2	996.04	989.84	985.91	990.60	0.52	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	CCV078	Instrumnet Name :	P7
Client Sample ID :	CCV078	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 13:55:18	DataFile Name :	049CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	498.18	503.39	503.61	501.73	0.61	ppb
Molybdenum	95-1	500.42	503.29	503.23	502.31	0.33	ppb
Molybdenum	96-1	501.05	512.64	501.18	504.96	1.32	ppb
Molybdenum	97-1	500.97	504.09	499.77	501.61	0.44	ppb
Molybdenum	98-1	498.83	504.34	503.71	502.30	0.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	486.02	491.00	488.35	488.46	0.51	ppb
Phosphorus	31-2	9907.68	9816.11	9993.90	9905.90	0.90	ppb
Potassium	39-2	121977.19	122800.53	121899.13	122225.62	0.41	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				99		%
Scandium	45-2				106		%
Selenium	77-2	484.24	507.06	468.23	486.51	4.01	ppb
Selenium	78-2	491.91	480.06	480.03	484.00	1.41	ppb
Selenium	82-1	469.11	492.38	479.26	480.25	2.43	ppb
Silicon	28-1	545.29	555.61	561.85	554.25	1.51	ppb
Silver	109-1	480.97	488.67	487.87	485.84	0.87	ppb
Silver	107-1	479.38	485.71	485.70	483.59	0.76	ppb
Sodium	23-2	252306.93	252390.88	253505.60	252734.47	0.26	ppb
Strontium	86-1	507.76	515.86	516.55	513.39	0.95	ppb
Strontium	88-1	510.21	513.35	504.59	509.39	0.87	ppb
Sulfur	34-1	10689.75	10124.93	10235.03	10349.90	2.89	ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	504.62	512.39	510.34	509.12	0.79	ppb
Thallium	205-1	505.48	509.18	507.50	507.39	0.37	ppb
Tin	118-1	491.40	496.20	499.39	495.66	0.81	ppb
Titanium	47-1	505.52	503.33	505.49	504.78	0.25	ppb
Uranium	238-1	488.71	496.74	490.90	492.12	0.84	ppb
Vanadium	51-2	499.03	500.32	501.39	500.25	0.24	ppb
Yttrium	89-1				99		%
Yttrium	89-2				104		%
Zinc	66-2	966.35	948.40	961.51	958.75	0.97	ppb
Zirconium	90-1	496.47	503.33	500.54	500.11	0.69	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	CCV078	Instrumnet Name :	P7
Client Sample ID :	CCV078	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 13:55:18	DataFile Name :	049CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	502.73	505.29	500.28	502.76	0.50	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	CCB078	Instrumnet Name :	P7
Client Sample ID :	CCB078	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 13:58:48	DataFile Name :	050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.51	2.01	0.77	1.43	43.43	ppb
Antimony	121-1	1.88	1.72	1.39	1.66	14.95	ppb
Arsenic	75-2	0.10	0.13	0.11	0.11	15.56	ppb
Barium	135-1	0.56	0.43	0.23	0.41	40.76	ppb
Barium	137-1	0.69	0.42	0.17	0.43	61.44	ppb
Beryllium	9-1	0.19	0.06	0.04	0.10	83.44	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Boron	10-1	7.19	6.24	4.71	6.05	20.63	ppb
Boron	11-1	6.00	5.23	4.98	5.40	9.82	ppb
Cadmium	111-1	0.39	0.07	0.40	0.28	65.59	ppb
Cadmium	106-1	3.85	-0.41	5.36	2.93	102.18	ppb
Cadmium	108-1	0.10	0.10	0.10	0.10	0.56	ppb
Calcium	43-1	39.26	11.53	16.37	22.39	66.16	ppb
Calcium	44-1	60.35	28.90	9.19	32.82	78.62	ppb
Chromium	52-2	-0.03	-0.13	-0.14	-0.10		ppb
Cobalt	59-2	0.02	0.01	0.01	0.01	70.40	ppb
Copper	63-2	0.11	0.11	0.10	0.11	6.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				106		%
Iron	56-2	6.45	4.93	4.00	5.13	24.10	ppb
Iron	57-2	7.92	5.05	4.93	5.97	28.30	ppb
Lead	206-1	0.29	0.32	0.22	0.27	18.16	ppb
Lead	207-1	0.32	0.30	0.24	0.29	14.43	ppb
Lead	208-1	0.31	0.31	0.24	0.28	13.31	ppb
Lithium	6-1				102		%
Magnesium	24-2	11.41	8.42	5.60	8.47	34.25	ppb
Manganese	55-2	0.06	0.04	0.00	0.03	98.24	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	CCB078	Instrumnet Name :	P7
Client Sample ID :	CCB078	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 13:58:48	DataFile Name :	050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.32	0.30	0.24	0.29	14.67	ppb
Molybdenum	95-1	0.58	0.45	0.54	0.53	12.60	ppb
Molybdenum	96-1	0.72	0.40	0.42	0.52	34.43	ppb
Molybdenum	97-1	0.50	0.43	0.49	0.47	7.59	ppb
Molybdenum	98-1	0.62	0.51	0.32	0.48	31.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	-0.02	-0.07	-0.02		ppb
Phosphorus	31-2	-7.99	-3.60	0.51	-3.69		ppb
Potassium	39-2	55.92	38.82	45.17	46.64	18.53	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.17	-0.22	-1.80	-1.06		ppb
Selenium	82-1	-0.20	-1.12	-0.24	-0.52		ppb
Silicon	28-1	-0.07	-1.48	-2.00	-1.19		ppb
Silver	109-1	0.17	0.17	0.10	0.14	27.23	ppb
Silver	107-1	0.17	0.12	0.07	0.12	42.89	ppb
Sodium	23-2	53.44	46.77	39.54	46.58	14.93	ppb
Strontium	86-1	0.10	0.03	0.20	0.11	79.34	ppb
Strontium	88-1	0.10	0.07	0.03	0.07	54.36	ppb
Sulfur	34-1	-710.44	-851.24	-800.97	-787.55		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.30	0.16	0.18	0.21	33.96	ppb
Thallium	205-1	0.29	0.23	0.17	0.23	27.94	ppb
Tin	118-1	0.64	0.44	0.41	0.50	25.68	ppb
Titanium	47-1	0.23	0.00	0.00	0.07	179.94	ppb
Uranium	238-1	0.12	0.08	0.04	0.08	49.68	ppb
Vanadium	51-2	0.05	0.02	0.01	0.03	82.12	ppb
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	-0.10	-0.45	-0.52	-0.35		ppb
Zirconium	90-1	0.20	0.23	0.16	0.20	19.12	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	CCB078	Instrumnet Name :	P7
Client Sample ID :	CCB078	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 13:58:48	DataFile Name :	050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.27	0.18	0.23	0.22	20.01	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-13DLX20	Instrumnet Name :	P7
Client Sample ID :	B-66(2.5-4.5)_101017	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 14:02:23	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	451.72	451.75	434.36	445.94	2.25	ppb
Antimony	121-1	0.79	0.82	0.73	0.78	5.35	ppb
Arsenic	75-2	1.81	1.89	1.90	1.87	2.80	ppb
Barium	135-1	96.53	98.92	96.93	97.46	1.31	ppb
Barium	137-1	97.84	95.56	95.54	96.31	1.38	ppb
Beryllium	9-1	0.00	0.16	0.01	0.06	153.45	ppb
Bismuth	209-1				108		%
Bismuth	209-2				101		%
Boron	10-1	2.66	3.02	2.85	2.84	6.29	ppb
Boron	11-1	2.19	1.73	2.31	2.07	14.89	ppb
Cadmium	111-1	0.09	0.09	0.25	0.14	65.66	ppb
Cadmium	106-1	-0.28	0.14	2.13	0.66	193.83	ppb
Cadmium	108-1	0.58	0.42	-0.06	0.32	105.62	ppb
Calcium	43-1	520.54	513.41	533.89	522.61	1.99	ppb
Calcium	44-1	549.83	559.40	540.64	549.95	1.71	ppb
Chromium	52-2	6.22	6.31	5.97	6.17	2.90	ppb
Cobalt	59-2	0.54	0.59	0.57	0.57	4.69	ppb
Copper	63-2	10.38	10.39	10.20	10.32	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				103		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	56-2	1569.62	1553.68	1542.69	1555.33	0.87	ppb
Iron	57-2	1578.73	1565.52	1563.44	1569.23	0.53	ppb
Lead	206-1	147.26	147.40	146.27	146.98	0.42	ppb
Lead	207-1	134.60	134.84	134.54	134.66	0.12	ppb
Lead	208-1	139.33	139.26	139.49	139.36	0.09	ppb
Lithium	6-1				102		%
Magnesium	24-2	107.70	104.52	109.71	107.31	2.43	ppb
Manganese	55-2	25.37	25.51	25.06	25.31	0.91	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-13DLX20	Instrumnet Name :	P7
Client Sample ID :	B-66(2.5-4.5)_101017	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 14:02:23	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.14	0.11	0.15	0.13	13.67	ppb
Molybdenum	95-1	0.47	0.30	0.42	0.40	21.74	ppb
Molybdenum	96-1	0.18	0.32	0.21	0.24	29.73	ppb
Molybdenum	97-1	0.34	0.17	0.15	0.22	45.82	ppb
Molybdenum	98-1	0.30	0.22	0.20	0.24	22.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.13	1.05	1.10	1.09	3.85	ppb
Phosphorus	31-2	54.40	89.18	79.75	74.44	24.16	ppb
Potassium	39-2	58.22	56.22	60.89	58.44	4.01	ppb
Rhodium	103-1				107		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	77-2	0.00	0.00	1.23	0.41	173.21	ppb
Selenium	78-2	-2.31	-2.07	-2.90	-2.42		ppb
Selenium	82-1	0.31	0.47	-0.61	0.06	1062.76	ppb
Silicon	28-1	94.97	96.07	119.07	103.37	13.16	ppb
Silver	109-1	0.08	0.07	0.06	0.07	9.65	ppb
Silver	107-1	0.03	0.03	0.01	0.02	50.40	ppb
Sodium	23-2	58.14	53.37	59.19	56.90	5.45	ppb
Strontium	86-1	8.06	8.27	8.52	8.28	2.81	ppb
Strontium	88-1	8.14	7.63	7.90	7.89	3.27	ppb
Sulfur	34-1	-678.07	-1125.39	-916.94	-906.80		ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	0.09	0.07	0.04	0.06	39.98	ppb
Thallium	205-1	0.07	0.05	0.08	0.07	17.87	ppb
Tin	118-1	1.44	1.55	1.53	1.51	4.14	ppb
Titanium	47-1	12.79	14.87	14.49	14.05	7.91	ppb
Uranium	238-1	0.05	0.04	0.04	0.04	16.92	ppb
Vanadium	51-2	1.65	1.52	1.39	1.52	8.45	ppb
Yttrium	89-1				108		%
Yttrium	89-2				104		%
Zinc	66-2	71.14	68.76	64.64	68.18	4.82	ppb
Zirconium	90-1	0.12	0.17	0.11	0.13	23.53	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-13DLX20	Instrumnet Name :	P7
Client Sample ID :	B-66(2.5-4.5)_101017	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 14:02:23	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.13	0.06	0.16	0.11	46.89	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	CCV079	Instrumnet Name :	P7
Client Sample ID :	CCV079	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 14:05:54	DataFile Name :	052CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49624.45	49236.03	49353.99	49404.82	0.40	ppb
Antimony	121-1	499.69	504.54	500.24	501.49	0.53	ppb
Arsenic	75-2	495.42	492.04	500.18	495.88	0.82	ppb
Barium	135-1	2541.31	2567.39	2533.77	2547.49	0.69	ppb
Barium	137-1	2530.91	2545.64	2538.42	2538.33	0.29	ppb
Beryllium	9-1	505.50	494.96	506.38	502.28	1.27	ppb
Bismuth	209-1				91		%
Bismuth	209-2				87		%
Boron	10-1	488.63	490.55	495.26	491.48	0.69	ppb
Boron	11-1	479.54	488.65	498.43	488.88	1.93	ppb
Cadmium	111-1	490.38	499.27	497.47	495.71	0.95	ppb
Cadmium	106-1	519.78	509.29	488.10	505.72	3.19	ppb
Cadmium	108-1	498.81	503.90	482.52	495.08	2.26	ppb
Calcium	43-1	242184.92	236598.19	240624.64	239802.58	1.20	ppb
Calcium	44-1	240378.74	237696.34	242516.98	240197.35	1.01	ppb
Chromium	52-2	497.49	495.85	493.81	495.72	0.37	ppb
Cobalt	59-2	487.56	477.34	478.28	481.06	1.17	ppb
Copper	63-2	944.35	929.46	930.99	934.93	0.88	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				95		%
Holmium	165-2				96		%
Indium	115-1				95		%
Indium	115-2				96		%
Iron	56-2	125713.18	123527.06	123423.62	124221.29	1.04	ppb
Iron	57-2	123506.07	122081.16	122380.93	122656.06	0.61	ppb
Lead	206-1	508.44	510.61	509.80	509.62	0.22	ppb
Lead	207-1	498.98	496.06	503.42	499.48	0.74	ppb
Lead	208-1	501.23	498.53	504.17	501.31	0.56	ppb
Lithium	6-1				95		%
Magnesium	24-2	254416.62	252498.52	249474.23	252129.79	0.99	ppb
Manganese	55-2	988.47	978.83	982.17	983.15	0.50	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	CCV079	Instrumnet Name :	P7
Client Sample ID :	CCV079	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 14:05:54	DataFile Name :	052CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	501.56	503.17	500.38	501.70	0.28	ppb
Molybdenum	95-1	498.56	505.09	500.33	501.33	0.67	ppb
Molybdenum	96-1	506.32	505.97	500.87	504.38	0.60	ppb
Molybdenum	97-1	504.69	501.27	498.42	501.46	0.63	ppb
Molybdenum	98-1	504.05	503.92	497.35	501.77	0.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	483.87	473.25	473.85	476.99	1.25	ppb
Phosphorus	31-2	10106.25	10245.53	10160.43	10170.73	0.69	ppb
Potassium	39-2	124809.12	122359.25	123355.47	123507.95	1.00	ppb
Rhodium	103-1				92		%
Rhodium	103-2				92		%
Scandium	45-1				99		%
Scandium	45-2				106		%
Selenium	77-2	480.04	504.16	510.30	498.16	3.21	ppb
Selenium	78-2	497.68	497.48	502.53	499.23	0.57	ppb
Selenium	82-1	501.94	487.41	499.22	496.19	1.56	ppb
Silicon	28-1	570.92	569.32	579.53	573.26	0.96	ppb
Silver	109-1	495.65	498.63	498.25	497.51	0.33	ppb
Silver	107-1	496.33	501.28	498.16	498.59	0.50	ppb
Sodium	23-2	255883.32	249826.85	250165.43	251958.53	1.35	ppb
Strontium	86-1	515.18	517.33	511.18	514.56	0.61	ppb
Strontium	88-1	510.90	507.43	509.44	509.26	0.34	ppb
Sulfur	34-1	10960.76	11108.82	11171.36	11080.31	0.98	ppb
Terbium	159-1				95		%
Terbium	159-2				96		%
Thallium	203-1	508.65	506.49	505.83	506.99	0.29	ppb
Thallium	205-1	506.06	508.25	509.72	508.01	0.36	ppb
Tin	118-1	503.50	504.13	505.40	504.34	0.19	ppb
Titanium	47-1	509.71	503.62	507.49	506.94	0.61	ppb
Uranium	238-1	485.91	485.34	490.50	487.25	0.58	ppb
Vanadium	51-2	501.63	496.28	492.01	496.64	0.97	ppb
Yttrium	89-1				97		%
Yttrium	89-2				102		%
Zinc	66-2	957.48	944.91	949.05	950.48	0.67	ppb
Zirconium	90-1	501.28	497.63	497.29	498.73	0.44	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	CCV079	Instrumnet Name :	P7
Client Sample ID :	CCV079	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 14:05:54	DataFile Name :	052CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	495.27	505.87	499.42	500.19	1.07	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	CCB079	Instrumnet Name :	P7
Client Sample ID :	CCB079	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 14:09:23	DataFile Name :	053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.96	2.06	1.54	2.18	32.90	ppb
Antimony	121-1	1.89	1.94	1.66	1.83	8.31	ppb
Arsenic	75-2	0.16	0.17	0.15	0.16	6.74	ppb
Barium	135-1	0.76	0.61	0.30	0.56	42.23	ppb
Barium	137-1	0.60	0.35	0.33	0.43	35.07	ppb
Beryllium	9-1	0.06	0.08	0.11	0.08	28.04	ppb
Bismuth	209-1				95		%
Bismuth	209-2				93		%
Boron	10-1	9.97	9.13	9.34	9.48	4.59	ppb
Boron	11-1	9.23	8.13	7.13	8.16	12.86	ppb
Cadmium	111-1	0.19	-0.07	-0.03	0.03	435.86	ppb
Cadmium	106-1	0.00	-2.24	-0.57	-0.94		ppb
Cadmium	108-1	0.13	0.13	0.31	0.19	56.64	ppb
Calcium	43-1	59.69	34.19	2.72	32.20	88.62	ppb
Calcium	44-1	65.41	31.07	19.92	38.80	61.11	ppb
Chromium	52-2	-0.11	-0.07	-0.10	-0.09		ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	16.25	ppb
Copper	63-2	0.16	0.12	0.10	0.13	22.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				96		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	6.95	5.84	5.42	6.07	12.98	ppb
Iron	57-2	5.77	5.20	5.08	5.35	6.86	ppb
Lead	206-1	0.32	0.33	0.19	0.28	27.60	ppb
Lead	207-1	0.34	0.33	0.25	0.31	16.50	ppb
Lead	208-1	0.36	0.33	0.25	0.32	17.61	ppb
Lithium	6-1				97		%
Magnesium	24-2	11.80	11.33	7.93	10.35	20.37	ppb
Manganese	55-2	0.05	0.01	0.01	0.02	118.75	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	CCB079	Instrumnet Name :	P7
Client Sample ID :	CCB079	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 14:09:23	DataFile Name :	053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.36	0.27	0.26	0.30	17.78	ppb
Molybdenum	95-1	0.72	0.58	0.45	0.58	22.86	ppb
Molybdenum	96-1	0.45	0.41	0.41	0.42	6.05	ppb
Molybdenum	97-1	0.77	0.48	0.39	0.55	36.14	ppb
Molybdenum	98-1	0.72	0.57	0.41	0.57	27.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.06	0.00	-0.03		ppb
Phosphorus	31-2	18.05	1.02	-7.91	3.72	354.50	ppb
Potassium	39-2	112.81	107.24	88.96	103.01	12.11	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				104		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.63	-1.30	-2.39	-1.02		ppb
Selenium	82-1	0.15	-0.53	-0.57	-0.32		ppb
Silicon	28-1	0.67	-0.86	-0.48	-0.22		ppb
Silver	109-1	0.17	0.13	0.07	0.13	41.89	ppb
Silver	107-1	0.21	0.11	0.08	0.14	51.00	ppb
Sodium	23-2	88.38	90.41	81.62	86.80	5.30	ppb
Strontium	86-1	0.42	0.20	0.04	0.22	88.22	ppb
Strontium	88-1	0.15	0.08	0.05	0.09	57.88	ppb
Sulfur	34-1	118.83	103.84	201.91	141.53	37.33	ppb
Terbium	159-1				94		%
Terbium	159-2				96		%
Thallium	203-1	0.31	0.27	0.16	0.25	31.96	ppb
Thallium	205-1	0.28	0.22	0.19	0.23	19.17	ppb
Tin	118-1	0.53	0.47	0.51	0.50	5.80	ppb
Titanium	47-1	0.34	0.34	0.25	0.31	17.55	ppb
Uranium	238-1	0.14	0.07	0.05	0.09	54.22	ppb
Vanadium	51-2	0.02	0.01	0.04	0.03	50.08	ppb
Yttrium	89-1				97		%
Yttrium	89-2				102		%
Zinc	66-2	-0.42	-0.50	-0.44	-0.46		ppb
Zirconium	90-1	0.24	0.28	0.19	0.24	19.06	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	CCB079	Instrumnet Name :	P7
Client Sample ID :	CCB079	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 14:09:23	DataFile Name :	053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.24	0.18	0.08	0.17	46.42	ppb

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 10:50:19	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	42	25	53	65.74	cps
Antimony	121-1	17	8	8	11	43.34	cps
Arsenic	75-2	0	4	0	1	173.21	cps
Barium	135-1	8	25	8	14	69.31	cps
Barium	137-1	17	42	17	25	57.73	cps
Beryllium	9-1	17	22	11	17	33.33	cps
Bismuth	209-1	1181158	1177574	1182005	1180246	0.20	cps
Bismuth	209-2	1327217	1332951	1344865	1335011	0.67	cps
Boron	10-1	42	0	8	17	132.30	cps
Boron	11-1	142	183	192	172	15.56	cps
Cadmium	111-1	316	308	249	291	12.53	cps
Cadmium	106-1	450	433	350	411	13.03	cps
Cadmium	108-1	4	0	0	1	173.21	cps
Calcium	43-1	158	133	92	128	26.36	cps
Calcium	44-1	3059	3292	2767	3039	8.66	cps
Chromium	52-2	287	230	307	274	14.49	cps
Cobalt	59-2	13	13	13	13	0.00	cps
Copper	63-2	117	127	130	124	5.57	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	10	0	0	3	173.21	cps
Erbium	164-1	58	33	42	44	28.65	cps
Erbium	164-2	7	20	7	11	69.25	cps
Gadolinium	160-1	42	42	8	31	62.99	cps
Gadolinium	160-2	163	213	163	180	16.04	cps
Holmium	165-1	1448586	1441535	1443670	1444597	0.25	cps
Holmium	165-2	1638124	1637226	1651361	1642237	0.48	cps
Indium	115-1	1090056	1089806	1096979	1092280	0.37	cps
Indium	115-2	576099	583728	583332	581053	0.74	cps
Iron	56-2	1278	1245	1295	1272	2.00	cps
Iron	57-2	56	94	28	59	56.51	cps
Lead	206-1	189	150	144	161	15.03	cps
Lead	207-1	111	128	133	124	9.32	cps
Lead	208-1	694	661	711	689	3.70	cps
Lithium	6-1	359444	357981	360708	359378	0.38	cps
Magnesium	24-2	75	8	50	44	75.78	cps
Manganese	55-2	33	47	27	36	28.64	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 10:50:19	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	17	17	33	22	43.28	cps
Molybdenum	95-1	0	0	17	6	173.21	cps
Molybdenum	96-1	25	0	8	11	114.58	cps
Molybdenum	97-1	0	8	0	3	173.21	cps
Molybdenum	98-1	25	0	17	14	91.65	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	17	17	30	21	36.45	cps
Phosphorus	31-2	17	17	50	28	69.27	cps
Potassium	39-2	10054	10337	10212	10201	1.39	cps
Rhodium	103-1	1056419	1060398	1061905	1059574	0.27	cps
Rhodium	103-2	876335	874373	874947	875218	0.12	cps
Scandium	45-1	619219	619597	617546	618788	0.18	cps
Scandium	45-2	57983	57508	57920	57804	0.45	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	76	89	81	82	7.92	cps
Selenium	82-1	50	70	89	70	28.72	cps
Silicon	28-1	36396	36755	36070	36407	0.94	cps
Silver	109-1	0	0	8	3	173.21	cps
Silver	107-1	17	8	17	14	34.67	cps
Sodium	23-2	6668	6627	6327	6541	2.85	cps
Strontium	86-1	75	75	125	92	31.50	cps
Strontium	88-1	67	100	125	97	30.10	cps
Sulfur	34-1	52787	52578	52393	52586	0.37	cps
Terbium	159-1	1458607	1462412	1461404	1460808	0.13	cps
Terbium	159-2	1624004	1633431	1631735	1629723	0.31	cps
Thallium	203-1	0	25	17	14	91.65	cps
Thallium	205-1	25	42	33	33	25.01	cps
Tin	118-1	133	158	150	147	8.65	cps
Titanium	47-1	0	17	8	8	100.02	cps
Uranium	238-1	25	42	33	33	25.01	cps
Vanadium	51-2	7	3	0	3	100.05	cps
Yttrium	89-1	916341	921564	918057	918654	0.29	cps
Yttrium	89-2	376368	374077	374267	374904	0.34	cps
Zinc	66-2	197	243	230	223	10.76	cps
Zirconium	90-1	75	50	83	69	24.98	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 10:50:19	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	0	17	25	14	91.65	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 10:57:44	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	667	617	817	700	14.87	cps
Antimony	121-1	2567	2642	2409	2539	4.69	cps
Arsenic	75-2	72	89	89	83	11.55	cps
Barium	135-1	2917	2767	2934	2873	3.20	cps
Barium	137-1	5251	5351	4909	5171	4.48	cps
Beryllium	9-1	289	339	328	319	8.24	cps
Bismuth	209-1	1240875	1255634	1271962	1256157	1.24	cps
Bismuth	209-2	1400225	1405644	1416981	1407617	0.61	cps
Boron	10-1	925	1025	900	950	6.96	cps
Boron	11-1	4484	4334	4251	4356	2.71	cps
Cadmium	111-1	667	646	592	635	6.11	cps
Cadmium	106-1	517	442	442	467	9.28	cps
Cadmium	108-1	17	13	25	18	35.25	cps
Calcium	43-1	1333	1784	1417	1511	15.84	cps
Calcium	44-1	26433	27218	27618	27090	2.23	cps
Chromium	52-2	1457	1337	1480	1425	5.40	cps
Cobalt	59-2	933	857	987	926	7.06	cps
Copper	63-2	1553	1520	1677	1583	5.21	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	42	17	31	41.66	cps
Erbium	164-2	3	30	27	20	72.66	cps
Gadolinium	160-1	25	25	17	22	21.64	cps
Gadolinium	160-2	150	180	117	149	21.28	cps
Holmium	165-1	1542046	1549948	1549999	1547331	0.30	cps
Holmium	165-2	1721266	1723396	1749218	1731293	0.90	cps
Indium	115-1	1148221	1149744	1161369	1153111	0.62	cps
Indium	115-2	598478	597548	602388	599471	0.43	cps
Iron	56-2	30716	29653	29853	30074	1.88	cps
Iron	57-2	856	800	911	856	6.49	cps
Lead	206-1	1350	1506	1450	1435	5.49	cps
Lead	207-1	1428	1406	1222	1352	8.35	cps
Lead	208-1	6134	6173	5973	6093	1.74	cps
Lithium	6-1	360736	361282	357918	359979	0.50	cps
Magnesium	24-2	21934	21758	22660	22117	2.16	cps
Manganese	55-2	503	467	477	482	3.93	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 10:57:44	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2517	2342	2384	2414	3.79	cps
Molybdenum	95-1	3000	2975	2742	2906	4.90	cps
Molybdenum	96-1	3067	3434	3234	3245	5.66	cps
Molybdenum	97-1	1659	1892	1775	1775	6.57	cps
Molybdenum	98-1	4543	4409	4668	4540	2.85	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	333	257	313	301	13.21	cps
Phosphorus	31-2	17	33	50	33	50.00	cps
Potassium	39-2	34625	33848	34625	34366	1.30	cps
Rhodium	103-1	1122913	1123275	1135616	1127268	0.64	cps
Rhodium	103-2	909219	910768	910521	910169	0.09	cps
Scandium	45-1	637506	646895	645311	643237	0.78	cps
Scandium	45-2	58478	58194	58656	58443	0.40	cps
Selenium	77-2	10	27	3	13	90.16	cps
Selenium	78-2	91	104	124	106	15.83	cps
Selenium	82-1	141	137	165	148	10.44	cps
Silicon	28-1	50963	51515	50495	50991	1.00	cps
Silver	109-1	1734	1475	1592	1600	8.09	cps
Silver	107-1	1734	1634	1884	1750	7.19	cps
Sodium	23-2	40180	40698	39971	40283	0.93	cps
Strontium	86-1	392	442	450	428	7.38	cps
Strontium	88-1	2775	3000	2734	2837	5.06	cps
Sulfur	34-1	53138	53388	52109	52878	1.28	cps
Terbium	159-1	1545444	1564295	1576403	1562047	1.00	cps
Terbium	159-2	1711796	1701329	1721505	1711543	0.59	cps
Thallium	203-1	1625	1442	1592	1553	6.29	cps
Thallium	205-1	3751	3726	3559	3678	2.83	cps
Tin	118-1	4968	4993	5268	5076	3.28	cps
Titanium	47-1	775	775	717	756	4.46	cps
Uranium	238-1	5752	5643	6252	5882	5.52	cps
Vanadium	51-2	2190	2264	2190	2215	1.91	cps
Yttrium	89-1	973453	980806	989452	981237	0.82	cps
Yttrium	89-2	385069	388224	389102	387465	0.55	cps
Zinc	66-2	480	500	497	492	2.18	cps
Zirconium	90-1	1817	1875	1759	1817	3.21	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 10:57:44	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	358	458	467	428	14.09	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 11:01:36	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	32444	33664	32636	32915	1.99	cps
Antimony	121-1	74667	76753	76669	76030	1.55	cps
Arsenic	75-2	5114	5090	5160	5121	0.70	cps
Barium	135-1	84952	86159	86402	85838	0.90	cps
Barium	137-1	148799	149045	148059	148634	0.35	cps
Beryllium	9-1	19474	19279	19713	19489	1.12	cps
Bismuth	209-1	1334719	1323805	1339824	1332783	0.61	cps
Bismuth	209-2	1440591	1437078	1454360	1444009	0.63	cps
Boron	10-1	2167	2167	2209	2181	1.10	cps
Boron	11-1	10146	10537	11013	10565	4.11	cps
Cadmium	111-1	19259	19089	19542	19297	1.19	cps
Cadmium	106-1	2217	2317	2417	2317	4.32	cps
Cadmium	108-1	1371	1433	1292	1365	5.20	cps
Calcium	43-1	17845	16877	17269	17330	2.81	cps
Calcium	44-1	283986	283100	286336	284474	0.59	cps
Chromium	52-2	32255	32309	32082	32215	0.37	cps
Cobalt	59-2	52594	52808	53842	53081	1.26	cps
Copper	63-2	81515	79773	79659	80316	1.30	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	67	33	83	61	41.67	cps
Erbium	164-2	7	13	13	11	34.61	cps
Gadolinium	160-1	17	42	25	28	45.82	cps
Gadolinium	160-2	200	210	170	193	10.77	cps
Holmium	165-1	1663086	1650199	1647655	1653647	0.50	cps
Holmium	165-2	1786837	1786034	1799976	1790949	0.44	cps
Indium	115-1	1213559	1217327	1205607	1212164	0.49	cps
Indium	115-2	608837	610730	613791	611119	0.41	cps
Iron	56-2	1632807	1636524	1639275	1636202	0.20	cps
Iron	57-2	40635	40562	40785	40660	0.28	cps
Lead	206-1	71324	71442	73419	72062	1.63	cps
Lead	207-1	65997	65254	66963	66071	1.30	cps
Lead	208-1	297571	296029	300614	298071	0.78	cps
Lithium	6-1	370942	365142	366448	367511	0.83	cps
Magnesium	24-2	246833	243369	246621	245607	0.79	cps
Manganese	55-2	49523	48948	48801	49091	0.78	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 11:01:36	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	61040	61493	60731	61088	0.63	cps
Molybdenum	95-1	33666	34418	33683	33922	1.27	cps
Molybdenum	96-1	44246	44304	42540	43696	2.29	cps
Molybdenum	97-1	21267	21250	21359	21292	0.27	cps
Molybdenum	98-1	55745	54673	55610	55343	1.05	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	14674	14761	14481	14639	0.98	cps
Phosphorus	31-2	1950	1900	2167	2006	7.07	cps
Potassium	39-2	147248	144104	145448	145600	1.08	cps
Rhodium	103-1	1173377	1175272	1181609	1176753	0.37	cps
Rhodium	103-2	923766	928918	931237	927974	0.41	cps
Scandium	45-1	670914	668595	670393	669967	0.18	cps
Scandium	45-2	59496	58569	59405	59157	0.86	cps
Selenium	77-2	117	123	170	137	21.26	cps
Selenium	78-2	463	478	552	498	9.57	cps
Selenium	82-1	1048	976	999	1008	3.66	cps
Silicon	28-1	88974	90649	88654	89426	1.20	cps
Silver	109-1	94173	94649	92671	93831	1.10	cps
Silver	107-1	96421	96505	98342	97089	1.12	cps
Sodium	23-2	390844	385717	385806	387456	0.76	cps
Strontium	86-1	17612	17970	17953	17845	1.13	cps
Strontium	88-1	164742	162348	158732	161941	1.87	cps
Sulfur	34-1	57254	57562	55789	56868	1.67	cps
Terbium	159-1	1678524	1675287	1672938	1675583	0.17	cps
Terbium	159-2	1771209	1774090	1766328	1770542	0.22	cps
Thallium	203-1	85861	86447	87269	86526	0.82	cps
Thallium	205-1	210404	210506	210106	210339	0.10	cps
Tin	118-1	58448	58272	57169	57963	1.20	cps
Titanium	47-1	9220	8953	9362	9178	2.26	cps
Uranium	238-1	350131	347902	350242	349425	0.38	cps
Vanadium	51-2	26845	26387	26123	26452	1.38	cps
Yttrium	89-1	1045684	1043547	1041820	1043684	0.19	cps
Yttrium	89-2	390604	394777	393499	392960	0.54	cps
Zinc	66-2	14167	13947	14164	14093	0.90	cps
Zirconium	90-1	107589	108553	109728	108623	0.99	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 11:01:36	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	25866	24297	24923	25028	3.16	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 11:05:28	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	84028	81639	82310	82659	1.49	cps
Antimony	121-1	189170	191466	190128	190255	0.61	cps
Arsenic	75-2	12863	12919	12986	12922	0.47	cps
Barium	135-1	211559	207932	210112	209867	0.87	cps
Barium	137-1	366036	364430	364641	365036	0.24	cps
Beryllium	9-1	48255	48484	48311	48350	0.25	cps
Bismuth	209-1	1301052	1295502	1299027	1298527	0.22	cps
Bismuth	209-2	1399249	1402142	1384181	1395190	0.69	cps
Boron	10-1	5301	5585	5301	5396	3.03	cps
Boron	11-1	25940	26140	25239	25773	1.84	cps
Cadmium	111-1	46137	46202	48156	46832	2.45	cps
Cadmium	106-1	4743	4976	5260	4993	5.18	cps
Cadmium	108-1	3317	3267	3242	3275	1.17	cps
Calcium	43-1	42270	42629	42312	42404	0.46	cps
Calcium	44-1	700801	699462	707546	702603	0.62	cps
Chromium	52-2	79134	79765	78565	79154	0.76	cps
Cobalt	59-2	133460	132559	131338	132452	0.80	cps
Copper	63-2	199929	200767	196104	198934	1.25	cps
Dysprosium	156-1	0	17	17	11	86.60	cps
Dysprosium	156-2	10	7	7	8	24.71	cps
Erbium	164-1	58	58	67	61	7.87	cps
Erbium	164-2	13	7	7	9	43.25	cps
Gadolinium	160-1	17	58	42	39	53.93	cps
Gadolinium	160-2	127	147	160	144	11.61	cps
Holmium	165-1	1613486	1610465	1603641	1609198	0.31	cps
Holmium	165-2	1755765	1755542	1724489	1745265	1.03	cps
Indium	115-1	1187516	1186289	1185475	1186427	0.09	cps
Indium	115-2	604705	604218	595902	601608	0.82	cps
Iron	56-2	4062506	4089009	4071226	4074247	0.33	cps
Iron	57-2	101375	102343	98764	100827	1.84	cps
Lead	206-1	174011	175274	176411	175232	0.69	cps
Lead	207-1	160621	160807	160266	160565	0.17	cps
Lead	208-1	724341	724798	727385	725508	0.23	cps
Lithium	6-1	362106	362877	362118	362367	0.12	cps
Magnesium	24-2	621124	626280	619266	622223	0.58	cps
Manganese	55-2	122374	124182	122216	122924	0.89	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 11:05:28	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	151375	152317	151486	151726	0.34	cps
Molybdenum	95-1	83991	84378	85633	84667	1.01	cps
Molybdenum	96-1	108960	108615	107096	108224	0.92	cps
Molybdenum	97-1	52724	53041	51971	52579	1.05	cps
Molybdenum	98-1	137386	137747	136151	137095	0.61	cps
Neodymium	150-1	27	20	13	20	33.35	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	35841	35343	35978	35720	0.94	cps
Phosphorus	31-2	4809	4668	5018	4832	3.65	cps
Potassium	39-2	357155	354592	353222	354990	0.56	cps
Rhodium	103-1	1141107	1152197	1143966	1145757	0.50	cps
Rhodium	103-2	911189	909074	897979	906080	0.78	cps
Scandium	45-1	661188	655656	658221	658355	0.42	cps
Scandium	45-2	59315	59278	58606	59066	0.68	cps
Selenium	77-2	440	357	377	391	11.12	cps
Selenium	78-2	1278	1183	1235	1232	3.84	cps
Selenium	82-1	2452	2362	2440	2418	2.02	cps
Silicon	28-1	163072	164429	163671	163724	0.42	cps
Silver	109-1	227461	229088	227451	228000	0.41	cps
Silver	107-1	234723	235536	236346	235535	0.34	cps
Sodium	23-2	968669	976303	959915	968296	0.85	cps
Strontium	86-1	43175	43100	43952	43409	1.09	cps
Strontium	88-1	393906	396039	397886	395944	0.50	cps
Sulfur	34-1	64106	63788	63143	63679	0.77	cps
Terbium	159-1	1633542	1636924	1625463	1631976	0.36	cps
Terbium	159-2	1740914	1739126	1718028	1732689	0.73	cps
Thallium	203-1	210939	211327	210960	211075	0.10	cps
Thallium	205-1	513596	513071	510565	512411	0.32	cps
Tin	118-1	142577	142580	143893	143017	0.53	cps
Titanium	47-1	21650	22401	22877	22309	2.77	cps
Uranium	238-1	861615	865438	859423	862158	0.35	cps
Vanadium	51-2	66985	66764	66432	66727	0.42	cps
Yttrium	89-1	1021385	1015215	1019179	1018593	0.31	cps
Yttrium	89-2	389106	394240	392046	391797	0.66	cps
Zinc	66-2	35072	34167	34143	34461	1.54	cps
Zirconium	90-1	268353	270411	269315	269360	0.38	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 11:05:28	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	61007	60471	59709	60396	1.08	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 11:09:19	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	169182	168161	169904	169083	0.52	cps
Antimony	121-1	362148	367915	367329	365798	0.87	cps
Arsenic	75-2	25183	25389	25576	25383	0.77	cps
Barium	135-1	405385	404388	406948	405573	0.32	cps
Barium	137-1	708779	706230	702859	705956	0.42	cps
Beryllium	9-1	93912	94371	93471	93918	0.48	cps
Bismuth	209-1	1220669	1236128	1224370	1227056	0.66	cps
Bismuth	209-2	1350223	1358170	1366101	1358165	0.58	cps
Boron	10-1	10621	11071	11338	11010	3.29	cps
Boron	11-1	51933	50068	50285	50762	2.01	cps
Cadmium	111-1	91262	90221	90862	90782	0.58	cps
Cadmium	106-1	9612	9312	9479	9467	1.59	cps
Cadmium	108-1	6285	6460	6693	6479	3.16	cps
Calcium	43-1	81190	82029	83645	82288	1.52	cps
Calcium	44-1	1350110	1357615	1367638	1358454	0.65	cps
Chromium	52-2	159704	158364	161022	159697	0.83	cps
Cobalt	59-2	262453	263121	263774	263116	0.25	cps
Copper	63-2	389303	389522	392143	390323	0.40	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	13	27	30	23	37.81	cps
Erbium	164-1	58	42	25	42	40.00	cps
Erbium	164-2	7	17	7	10	57.72	cps
Gadolinium	160-1	58	50	25	44	39.04	cps
Gadolinium	160-2	200	117	160	159	26.23	cps
Holmium	165-1	1530219	1532149	1529146	1530505	0.10	cps
Holmium	165-2	1707907	1716824	1723217	1715983	0.45	cps
Indium	115-1	1136102	1137077	1133980	1135720	0.14	cps
Indium	115-2	599275	594104	596457	596612	0.43	cps
Iron	56-2	8143229	8113921	8120848	8125999	0.19	cps
Iron	57-2	202934	201372	205046	203117	0.91	cps
Lead	206-1	332586	331403	333553	332514	0.32	cps
Lead	207-1	306720	309576	302245	306180	1.21	cps
Lead	208-1	1371822	1380737	1368853	1373804	0.45	cps
Lithium	6-1	358364	358948	358110	358474	0.12	cps
Magnesium	24-2	1254274	1253161	1259646	1255694	0.28	cps
Manganese	55-2	248110	249676	248700	248829	0.32	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 11:09:19	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	288236	289510	289273	289006	0.23	cps
Molybdenum	95-1	162718	163492	161903	162704	0.49	cps
Molybdenum	96-1	209936	211567	210459	210654	0.40	cps
Molybdenum	97-1	100841	101521	101009	101123	0.35	cps
Molybdenum	98-1	261743	263762	263471	262992	0.41	cps
Neodymium	150-1	33	33	40	36	10.83	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	70636	70907	71751	71098	0.82	cps
Phosphorus	31-2	9362	9753	9879	9665	2.79	cps
Potassium	39-2	713036	709977	717144	713386	0.50	cps
Rhodium	103-1	1094348	1095343	1101733	1097141	0.37	cps
Rhodium	103-2	890303	885040	891333	888892	0.38	cps
Scandium	45-1	645957	641386	642186	643176	0.38	cps
Scandium	45-2	60051	59563	61025	60213	1.24	cps
Selenium	77-2	767	713	687	722	5.64	cps
Selenium	78-2	2263	2450	2500	2405	5.20	cps
Selenium	82-1	4690	4751	4560	4667	2.09	cps
Silicon	28-1	286331	284686	286009	285675	0.31	cps
Silver	109-1	441118	439874	438179	439724	0.34	cps
Silver	107-1	448707	459027	453352	453695	1.14	cps
Sodium	23-2	1948936	1934781	1958048	1947255	0.60	cps
Strontium	86-1	83025	84885	83661	83857	1.13	cps
Strontium	88-1	761164	758717	757549	759143	0.24	cps
Sulfur	34-1	76304	74336	76388	75676	1.53	cps
Terbium	159-1	1545483	1548794	1540881	1545053	0.26	cps
Terbium	159-2	1710520	1698134	1704173	1704276	0.36	cps
Thallium	203-1	404210	403764	407225	405066	0.46	cps
Thallium	205-1	985039	977439	972823	978434	0.63	cps
Tin	118-1	275588	274871	277897	276119	0.57	cps
Titanium	47-1	44543	44368	43858	44257	0.80	cps
Uranium	238-1	1637339	1673081	1657897	1656105	1.08	cps
Vanadium	51-2	135007	132912	135374	134431	0.99	cps
Yttrium	89-1	980815	977782	964637	974411	0.88	cps
Yttrium	89-2	390300	390655	394738	391898	0.63	cps
Zinc	66-2	67961	67616	68101	67893	0.37	cps
Zirconium	90-1	516215	517909	512793	515639	0.51	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 11:09:19	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	116483	118793	116567	117281	1.12	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 11:13:09	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	345834	343576	344794	344735	0.33	cps
Antimony	121-1	741908	723947	728546	731467	1.28	cps
Arsenic	75-2	51803	52191	52468	52154	0.64	cps
Barium	135-1	817973	812591	806263	812276	0.72	cps
Barium	137-1	1422878	1407019	1415380	1415093	0.56	cps
Beryllium	9-1	188453	186985	186963	187467	0.46	cps
Bismuth	209-1	1218502	1208925	1206476	1211301	0.52	cps
Bismuth	209-2	1338175	1348548	1362411	1349711	0.90	cps
Boron	10-1	21449	21833	21716	21666	0.91	cps
Boron	11-1	100265	100308	101683	100752	0.80	cps
Cadmium	111-1	180466	178254	179780	179500	0.63	cps
Cadmium	106-1	17828	17778	17854	17820	0.21	cps
Cadmium	108-1	12627	12814	12402	12614	1.64	cps
Calcium	43-1	166142	164044	163370	164518	0.88	cps
Calcium	44-1	2741290	2724308	2727139	2730912	0.33	cps
Chromium	52-2	317017	322061	320032	319703	0.79	cps
Cobalt	59-2	523239	526284	530446	526656	0.69	cps
Copper	63-2	777078	780109	785553	780913	0.55	cps
Dysprosium	156-1	17	25	0	14	91.65	cps
Dysprosium	156-2	27	50	33	37	32.78	cps
Erbium	164-1	42	58	33	44	28.65	cps
Erbium	164-2	13	0	3	6	124.93	cps
Gadolinium	160-1	83	108	17	69	68.23	cps
Gadolinium	160-2	163	180	167	170	5.19	cps
Holmium	165-1	1545713	1527942	1499109	1524255	1.54	cps
Holmium	165-2	1723268	1734431	1733903	1730534	0.36	cps
Indium	115-1	1143658	1129840	1128261	1133919	0.75	cps
Indium	115-2	597186	598361	597921	597823	0.10	cps
Iron	56-2	16374434	16444831	16284917	16368061	0.49	cps
Iron	57-2	407113	409209	405392	407238	0.47	cps
Lead	206-1	657291	656193	659032	657505	0.22	cps
Lead	207-1	606773	603920	600931	603875	0.48	cps
Lead	208-1	2725802	2719734	2703481	2716339	0.42	cps
Lithium	6-1	357357	358332	356980	357557	0.20	cps
Magnesium	24-2	2532842	2550136	2539180	2540720	0.34	cps
Manganese	55-2	497062	502335	500980	500126	0.55	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 11:13:09	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	583305	575699	572775	577260	0.94	cps
Molybdenum	95-1	331162	325248	320275	325562	1.67	cps
Molybdenum	96-1	421247	417347	416178	418257	0.63	cps
Molybdenum	97-1	206730	202264	206407	205134	1.21	cps
Molybdenum	98-1	532659	530127	532391	531726	0.26	cps
Neodymium	150-1	27	53	60	47	37.79	cps
Neodymium	150-2	10	20	13	14	35.26	cps
Nickel	60-2	142215	142878	142488	142527	0.23	cps
Phosphorus	31-2	19180	19472	19797	19483	1.59	cps
Potassium	39-2	1437479	1430218	1444209	1437302	0.49	cps
Rhodium	103-1	1098006	1078311	1084799	1087039	0.92	cps
Rhodium	103-2	882995	891882	891784	888887	0.57	cps
Scandium	45-1	654582	649091	651336	651670	0.42	cps
Scandium	45-2	60543	60931	60881	60785	0.35	cps
Selenium	77-2	1333	1540	1323	1399	8.74	cps
Selenium	78-2	4864	4695	5005	4855	3.19	cps
Selenium	82-1	9103	9171	9121	9132	0.39	cps
Silicon	28-1	538433	534295	540140	537623	0.56	cps
Silver	109-1	873926	867008	863680	868205	0.60	cps
Silver	107-1	908631	903872	895117	902540	0.76	cps
Sodium	23-2	3967824	3967850	3960377	3965350	0.11	cps
Strontium	86-1	170627	164968	164498	166698	2.05	cps
Strontium	88-1	1525511	1510252	1500535	1512099	0.83	cps
Sulfur	34-1	99993	100622	99339	99985	0.64	cps
Terbium	159-1	1549337	1544076	1524580	1539331	0.85	cps
Terbium	159-2	1709146	1723589	1734074	1722270	0.73	cps
Thallium	203-1	810351	800607	795675	802211	0.93	cps
Thallium	205-1	1945502	1928161	1924331	1932665	0.58	cps
Tin	118-1	557920	555793	546931	553548	1.05	cps
Titanium	47-1	91953	89053	90888	90631	1.62	cps
Uranium	238-1	3340696	3308916	3329626	3326413	0.48	cps
Vanadium	51-2	271081	270888	271710	271226	0.16	cps
Yttrium	89-1	988592	963954	969749	974098	1.32	cps
Yttrium	89-2	395168	398067	399075	397437	0.51	cps
Zinc	66-2	134728	136363	134845	135312	0.67	cps
Zirconium	90-1	1046345	1023060	1023053	1030819	1.30	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 11:13:09	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	234527	236568	237673	236256	0.68	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 11:16:58	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	697377	698581	689352	695103	0.72	cps
Antimony	121-1	1443037	1409637	1416777	1423150	1.24	cps
Arsenic	75-2	101575	102422	103205	102401	0.80	cps
Barium	135-1	1606509	1571729	1567762	1582000	1.35	cps
Barium	137-1	2790636	2732312	2736415	2753121	1.18	cps
Beryllium	9-1	368441	359755	365323	364506	1.21	cps
Bismuth	209-1	1172046	1151843	1149702	1157864	1.06	cps
Bismuth	209-2	1299731	1300642	1301917	1300763	0.08	cps
Boron	10-1	41416	42269	40932	41539	1.63	cps
Boron	11-1	193712	196921	198280	196304	1.19	cps
Cadmium	111-1	347155	341452	344572	344393	0.83	cps
Cadmium	106-1	34810	34126	34301	34412	1.03	cps
Cadmium	108-1	25098	23929	24730	24586	2.43	cps
Calcium	43-1	324168	320525	322569	322421	0.57	cps
Calcium	44-1	5397967	5305660	5414921	5372849	1.09	cps
Chromium	52-2	631152	631190	633518	631954	0.21	cps
Cobalt	59-2	1029112	1031755	1033523	1031463	0.22	cps
Copper	63-2	1508147	1509034	1512958	1510047	0.17	cps
Dysprosium	156-1	17	42	8	22	78.07	cps
Dysprosium	156-2	50	43	70	54	25.49	cps
Erbium	164-1	42	75	33	50	44.10	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	33	42	33	36	13.33	cps
Gadolinium	160-2	163	160	177	167	5.29	cps
Holmium	165-1	1479565	1463364	1466549	1469826	0.58	cps
Holmium	165-2	1687037	1692012	1692689	1690579	0.18	cps
Indium	115-1	1095575	1075000	1081775	1084117	0.97	cps
Indium	115-2	580467	585330	579359	581718	0.55	cps
Iron	56-2	32257039	32348834	32151249	32252374	0.31	cps
Iron	57-2	802985	804915	803668	803856	0.12	cps
Lead	206-1	1275716	1258392	1239776	1257961	1.43	cps
Lead	207-1	1170529	1162526	1146556	1159870	1.05	cps
Lead	208-1	5265160	5207702	5174486	5215783	0.88	cps
Lithium	6-1	346659	345658	346193	346170	0.14	cps
Magnesium	24-2	5083263	5059420	5043884	5062189	0.39	cps
Manganese	55-2	990625	997767	999115	995836	0.46	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 11:16:58	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1125864	1117199	1124503	1122522	0.42	cps
Molybdenum	95-1	636796	626011	627865	630224	0.92	cps
Molybdenum	96-1	813566	808556	812841	811655	0.33	cps
Molybdenum	97-1	394089	395373	394006	394489	0.19	cps
Molybdenum	98-1	1037600	1032056	1023803	1031153	0.67	cps
Neodymium	150-1	107	127	147	127	15.79	cps
Neodymium	150-2	40	27	47	38	26.95	cps
Nickel	60-2	276897	274918	274852	275555	0.42	cps
Phosphorus	31-2	39695	39278	38977	39317	0.92	cps
Potassium	39-2	2871575	2886970	2868272	2875606	0.35	cps
Rhodium	103-1	1050980	1031703	1043203	1041962	0.93	cps
Rhodium	103-2	854536	857171	859017	856908	0.26	cps
Scandium	45-1	643345	635917	636870	638711	0.63	cps
Scandium	45-2	62756	61949	62712	62472	0.73	cps
Selenium	77-2	2820	2644	2697	2720	3.33	cps
Selenium	78-2	9305	9205	9194	9234	0.66	cps
Selenium	82-1	17885	17490	17617	17664	1.14	cps
Silicon	28-1	1020340	1022600	1020550	1021163	0.12	cps
Silver	109-1	1683520	1654042	1654614	1664059	1.01	cps
Silver	107-1	1753100	1719715	1714295	1729037	1.22	cps
Sodium	23-2	7792994	7759744	7689261	7747333	0.68	cps
Strontium	86-1	325531	326347	326613	326164	0.17	cps
Strontium	88-1	2975509	2929029	2924905	2943148	0.95	cps
Sulfur	34-1	147986	148106	147834	147975	0.09	cps
Terbium	159-1	1506702	1482058	1482990	1490583	0.94	cps
Terbium	159-2	1681658	1682172	1686385	1683405	0.15	cps
Thallium	203-1	1548863	1534701	1533374	1538979	0.56	cps
Thallium	205-1	3745384	3729528	3688066	3720993	0.80	cps
Tin	118-1	1070685	1055791	1067567	1064681	0.74	cps
Titanium	47-1	179446	177102	178458	178335	0.66	cps
Uranium	238-1	6539221	6468572	6455759	6487851	0.69	cps
Vanadium	51-2	540719	540608	537180	539502	0.37	cps
Yttrium	89-1	950658	937938	942402	943666	0.68	cps
Yttrium	89-2	394967	395845	396700	395837	0.22	cps
Zinc	66-2	263523	265216	263370	264037	0.39	cps
Zirconium	90-1	2051365	1999720	2022692	2024592	1.28	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 11:16:58	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	460414	452016	454046	455492	0.96	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 11:20:43	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3598636	3610322	3639301	3616086	0.58	cps
Antimony	121-1	4576	4167	3917	4220	7.88	cps
Arsenic	75-2	80	57	59	65	18.84	cps
Barium	135-1	483	517	408	469	11.82	cps
Barium	137-1	975	792	775	847	13.10	cps
Beryllium	9-1	61	44	72	59	23.59	cps
Bismuth	209-1	1016796	1009001	992700	1006166	1.22	cps
Bismuth	209-2	1170695	1174043	1172383	1172374	0.14	cps
Boron	10-1	758	733	667	719	6.59	cps
Boron	11-1	4242	3726	3259	3742	13.15	cps
Cadmium	111-1	337	338	292	322	8.22	cps
Cadmium	106-1	408	458	392	419	8.27	cps
Cadmium	108-1	17	17	17	17	0.00	cps
Calcium	43-1	1582988	1576264	1555089	1571447	0.93	cps
Calcium	44-1	26581141	27194085	26802259	26859162	1.16	cps
Chromium	52-2	9550	9426	9253	9410	1.58	cps
Cobalt	59-2	1330	1237	1287	1285	3.64	cps
Copper	63-2	1823	2000	1873	1899	4.80	cps
Dysprosium	156-1	33	0	0	11	173.21	cps
Dysprosium	156-2	10	3	10	8	49.52	cps
Erbium	164-1	50	67	67	61	15.75	cps
Erbium	164-2	7	7	10	8	24.71	cps
Gadolinium	160-1	67	33	42	47	36.74	cps
Gadolinium	160-2	210	170	207	196	11.35	cps
Holmium	165-1	1336814	1330627	1316826	1328089	0.77	cps
Holmium	165-2	1598813	1615520	1610931	1608421	0.54	cps
Indium	115-1	1011580	1001431	989449	1000820	1.11	cps
Indium	115-2	569548	571904	570364	570606	0.21	cps
Iron	56-2	159388237	158514509	156886320	158263022	0.80	cps
Iron	57-2	3907581	3941163	3942140	3930295	0.50	cps
Lead	206-1	1433	1556	1439	1476	4.68	cps
Lead	207-1	1322	1256	1239	1272	3.47	cps
Lead	208-1	5828	5867	5801	5832	0.57	cps
Lithium	6-1	325355	322994	320428	322926	0.76	cps
Magnesium	24-2	25425324	25630907	25271575	25442602	0.71	cps
Manganese	55-2	4417	4334	4287	4346	1.52	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 11:20:43	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1067	1075	883	1008	10.74	cps
Molybdenum	95-1	1709	1942	1734	1795	7.14	cps
Molybdenum	96-1	2350	2617	2150	2373	9.87	cps
Molybdenum	97-1	1258	1292	1067	1206	10.07	cps
Molybdenum	98-1	2784	2609	2859	2750	4.67	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	27	17	7	17	59.99	cps
Nickel	60-2	2947	2637	2930	2838	6.14	cps
Phosphorus	31-2	50	50	58	53	9.12	cps
Potassium	39-2	14842703	14899592	14773445	14838580	0.43	cps
Rhodium	103-1	943873	936127	921947	933983	1.19	cps
Rhodium	103-2	797047	808038	803408	802831	0.69	cps
Scandium	45-1	608204	610049	599027	605760	0.97	cps
Scandium	45-2	62910	63854	62896	63220	0.87	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	119	119	139	125	9.39	cps
Selenium	82-1	53	60	77	63	19.59	cps
Silicon	28-1	48037	47359	46934	47443	1.17	cps
Silver	109-1	217	208	200	208	4.00	cps
Silver	107-1	258	250	258	256	1.88	cps
Sodium	23-2	39098388	38857868	38964055	38973437	0.31	cps
Strontium	86-1	10838	10613	10121	10524	3.49	cps
Strontium	88-1	95796	94244	94823	94954	0.83	cps
Sulfur	34-1	54885	53489	54417	54264	1.31	cps
Terbium	159-1	1353330	1354446	1333215	1346997	0.89	cps
Terbium	159-2	1591511	1601814	1596488	1596604	0.32	cps
Thallium	203-1	758	617	483	619	22.20	cps
Thallium	205-1	1600	1642	1358	1534	9.98	cps
Tin	118-1	1550	1267	1375	1397	10.23	cps
Titanium	47-1	258	242	117	206	37.67	cps
Uranium	238-1	683	542	525	583	14.92	cps
Vanadium	51-2	73	57	100	77	28.51	cps
Yttrium	89-1	880234	874472	864798	873168	0.89	cps
Yttrium	89-2	392584	396849	391882	393771	0.68	cps
Zinc	66-2	727	660	573	653	11.77	cps
Zirconium	90-1	450	550	442	481	12.55	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 11:20:43	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	92	75	83	83	10.00	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 11:42:26	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17110	17945	16752	17269	3.55	cps
Antimony	121-1	261792	264355	263506	263218	0.50	cps
Arsenic	75-2	19350	19055	19550	19318	1.29	cps
Barium	135-1	30167	30192	29933	30097	0.47	cps
Barium	137-1	52342	52392	52342	52359	0.06	cps
Beryllium	9-1	34133	33877	34412	34141	0.78	cps
Bismuth	209-1	1186130	1197022	1186258	1189803	0.53	cps
Bismuth	209-2	1345804	1348294	1347726	1347275	0.10	cps
Boron	10-1	19238	20915	20757	20303	4.56	cps
Boron	11-1	91041	95368	94093	93501	2.38	cps
Cadmium	111-1	33989	34584	34186	34253	0.89	cps
Cadmium	106-1	5118	5218	5043	5126	1.71	cps
Cadmium	108-1	3117	3130	3267	3171	2.62	cps
Calcium	43-1	7419	7902	7494	7605	3.42	cps
Calcium	44-1	116592	117792	117945	117443	0.63	cps
Chromium	52-2	60176	59707	60775	60219	0.89	cps
Cobalt	59-2	102407	101927	101803	102046	0.31	cps
Copper	63-2	75088	75493	76214	75598	0.75	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	42	58	75	58	28.57	cps
Erbium	164-2	7	17	23	16	53.90	cps
Gadolinium	160-1	58	50	42	50	16.67	cps
Gadolinium	160-2	193	217	233	214	9.37	cps
Holmium	165-1	1453133	1454368	1454387	1453963	0.05	cps
Holmium	165-2	1685358	1687469	1699064	1690630	0.44	cps
Indium	115-1	1104120	1110595	1107244	1107320	0.29	cps
Indium	115-2	597660	596987	604608	599752	0.70	cps
Iron	56-2	619410	619842	626394	621882	0.63	cps
Iron	57-2	15047	15386	15014	15149	1.36	cps
Lead	206-1	247216	250831	250155	249401	0.77	cps
Lead	207-1	219555	219920	218397	219290	0.36	cps
Lead	208-1	1009327	1011478	1010093	1010299	0.11	cps
Lithium	6-1	350855	351869	349217	350647	0.38	cps
Magnesium	24-2	59293	56775	58415	58161	2.20	cps
Manganese	55-2	46868	46985	47848	47233	1.13	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 11:42:26	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	535159	536518	530013	533897	0.64	cps
Molybdenum	95-1	306354	303519	303952	304609	0.50	cps
Molybdenum	96-1	391633	390982	387995	390204	0.50	cps
Molybdenum	97-1	188631	191737	187862	189410	1.08	cps
Molybdenum	98-1	492199	493206	491201	492202	0.20	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	27596	27900	27817	27771	0.57	cps
Phosphorus	31-2	42	17	25	28	45.82	cps
Potassium	39-2	119126	120167	120663	119985	0.65	cps
Rhodium	103-1	1077595	1077524	1083564	1079561	0.32	cps
Rhodium	103-2	896371	895841	901664	897959	0.36	cps
Scandium	45-1	634713	632020	629821	632184	0.39	cps
Scandium	45-2	61470	60654	61095	61073	0.67	cps
Selenium	77-2	477	480	577	511	11.11	cps
Selenium	78-2	1908	1850	1867	1875	1.58	cps
Selenium	82-1	3426	3376	3407	3403	0.75	cps
Silicon	28-1	498446	498995	499864	499102	0.14	cps
Silver	109-1	163315	163295	163529	163380	0.08	cps
Silver	107-1	168552	169051	167654	168419	0.42	cps
Sodium	23-2	159472	156493	158243	158069	0.95	cps
Strontium	86-1	155196	158103	156236	156512	0.94	cps
Strontium	88-1	1420216	1415494	1420759	1418823	0.20	cps
Sulfur	34-1	51850	50980	51298	51376	0.86	cps
Terbium	159-1	1455329	1473774	1474194	1467766	0.73	cps
Terbium	159-2	1673764	1672590	1685134	1677163	0.41	cps
Thallium	203-1	305352	306296	307986	306545	0.44	cps
Thallium	205-1	740281	731923	728652	733619	0.82	cps
Tin	118-1	520199	521227	526122	522516	0.61	cps
Titanium	47-1	85565	84769	86982	85772	1.31	cps
Uranium	238-1	3269749	3300238	3303667	3291218	0.57	cps
Vanadium	51-2	49660	50379	50814	50284	1.16	cps
Yttrium	89-1	928483	938907	938730	935373	0.64	cps
Yttrium	89-2	394750	392538	394814	394034	0.33	cps
Zinc	66-2	26401	25512	25933	25949	1.71	cps
Zirconium	90-1	957723	960477	951132	956444	0.50	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 11:42:26	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	217836	217404	218454	217898	0.24	cps

LB Number : LB90798 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P7
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2017-10-12 11:45:59 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	17	42	31	41.65	cps
Antimony	121-1	1550	1458	1250	1420	10.83	cps
Arsenic	75-2	4	17	11	10	62.01	cps
Barium	135-1	17	33	8	19	65.47	cps
Barium	137-1	25	8	25	19	49.50	cps
Beryllium	9-1	28	50	22	33	44.10	cps
Bismuth	209-1	1262206	1254558	1260843	1259202	0.32	cps
Bismuth	209-2	1416075	1426156	1429455	1423896	0.49	cps
Boron	10-1	400	308	333	347	13.65	cps
Boron	11-1	1884	1567	1292	1581	18.73	cps
Cadmium	111-1	433	319	340	364	16.67	cps
Cadmium	106-1	625	458	483	522	17.21	cps
Cadmium	108-1	13	8	4	8	49.98	cps
Calcium	43-1	58	42	33	44	28.65	cps
Calcium	44-1	2317	2375	2359	2350	1.28	cps
Chromium	52-2	390	440	350	393	11.46	cps
Cobalt	59-2	17	3	7	9	78.08	cps
Copper	63-2	160	137	203	167	20.30	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	67	50	50	56	17.32	cps
Erbium	164-2	10	7	0	6	91.64	cps
Gadolinium	160-1	25	25	50	33	43.30	cps
Gadolinium	160-2	167	177	183	176	4.78	cps
Holmium	165-1	1533124	1527302	1537939	1532789	0.35	cps
Holmium	165-2	1758446	1777867	1773628	1769980	0.58	cps
Indium	115-1	1173790	1174204	1176670	1174888	0.13	cps
Indium	115-2	622260	627069	626936	625422	0.44	cps
Iron	56-2	1678	1711	1472	1621	7.98	cps
Iron	57-2	50	67	56	57	14.78	cps
Lead	206-1	278	283	272	278	2.00	cps
Lead	207-1	289	300	339	309	8.49	cps
Lead	208-1	1256	1256	1261	1257	0.26	cps
Lithium	6-1	353649	355874	357096	355539	0.49	cps
Magnesium	24-2	92	67	83	81	15.80	cps
Manganese	55-2	10	20	37	22	60.63	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 11:45:59	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	350	233	225	269	25.94	cps
Molybdenum	95-1	317	192	233	247	25.75	cps
Molybdenum	96-1	358	283	367	336	13.66	cps
Molybdenum	97-1	183	217	158	186	15.73	cps
Molybdenum	98-1	667	392	508	522	26.43	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	10	20	27	19	44.42	cps
Phosphorus	31-2	17	50	75	47	61.97	cps
Potassium	39-2	11322	11647	11213	11394	1.98	cps
Rhodium	103-1	1146664	1142098	1142326	1143696	0.22	cps
Rhodium	103-2	939325	948564	944237	944042	0.49	cps
Scandium	45-1	658937	653546	663954	658812	0.79	cps
Scandium	45-2	60359	61253	60757	60790	0.74	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	57	76	65	66	14.11	cps
Selenium	82-1	76	72	60	69	11.96	cps
Silicon	28-1	37573	37891	38383	37949	1.08	cps
Silver	109-1	58	67	33	53	32.88	cps
Silver	107-1	50	8	33	31	68.64	cps
Sodium	23-2	11805	11797	12030	11877	1.12	cps
Strontium	86-1	133	158	100	131	22.42	cps
Strontium	88-1	275	167	100	181	48.92	cps
Sulfur	34-1	52251	52177	50913	51780	1.45	cps
Terbium	159-1	1545893	1548178	1553488	1549186	0.25	cps
Terbium	159-2	1755151	1757924	1768117	1760397	0.39	cps
Thallium	203-1	150	133	142	142	5.88	cps
Thallium	205-1	358	333	233	308	21.45	cps
Tin	118-1	542	517	358	472	21.05	cps
Titanium	47-1	75	33	25	44	60.27	cps
Uranium	238-1	408	275	250	311	27.36	cps
Vanadium	51-2	3	3	3	3	0.00	cps
Yttrium	89-1	978069	982321	989034	983142	0.56	cps
Yttrium	89-2	405019	403786	407005	405270	0.40	cps
Zinc	66-2	80	110	67	86	25.94	cps
Zirconium	90-1	250	208	333	264	24.12	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 11:45:59	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	50	50	42	47	10.18	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 11:54:02	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3046016	3060798	3033321	3046712	0.45	cps
Antimony	121-1	1842	1917	1975	1911	3.50	cps
Arsenic	75-2	39	30	35	35	13.48	cps
Barium	135-1	650	533	533	572	11.77	cps
Barium	137-1	750	900	767	806	10.21	cps
Beryllium	9-1	122	117	156	131	16.00	cps
Bismuth	209-1	1192917	1195011	1173730	1187219	0.99	cps
Bismuth	209-2	1294587	1292962	1292258	1293269	0.09	cps
Boron	10-1	117	117	167	133	21.65	cps
Boron	11-1	833	975	742	850	13.83	cps
Cadmium	111-1	425	480	520	475	9.95	cps
Cadmium	106-1	375	425	400	400	6.25	cps
Cadmium	108-1	363	329	313	335	7.61	cps
Calcium	43-1	315885	314939	309935	313587	1.02	cps
Calcium	44-1	5270974	5273339	5243639	5262651	0.31	cps
Chromium	52-2	12389	12382	12566	12445	0.84	cps
Cobalt	59-2	1143	1233	1193	1190	3.79	cps
Copper	63-2	5835	6238	5881	5985	3.69	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	10	13	3	9	57.30	cps
Erbium	164-1	50	17	50	39	49.48	cps
Erbium	164-2	10	0	10	7	86.60	cps
Gadolinium	160-1	58	50	25	44	39.04	cps
Gadolinium	160-2	160	160	200	173	13.33	cps
Holmium	165-1	1538179	1523983	1504475	1522212	1.11	cps
Holmium	165-2	1703483	1701409	1713533	1706142	0.38	cps
Indium	115-1	1134625	1123020	1118238	1125294	0.75	cps
Indium	115-2	586404	584811	588451	586555	0.31	cps
Iron	56-2	60747364	60632765	60602596	60660908	0.13	cps
Iron	57-2	1498528	1511041	1496293	1501954	0.53	cps
Lead	206-1	6241	6279	6252	6257	0.32	cps
Lead	207-1	5051	5040	5057	5049	0.17	cps
Lead	208-1	24187	24337	23425	23983	2.04	cps
Lithium	6-1	351570	347864	348507	349314	0.57	cps
Magnesium	24-2	4718757	4764953	4721036	4734915	0.55	cps
Manganese	55-2	3814	3727	4001	3847	3.63	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 11:54:02	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	691307	686322	674742	684124	1.24	cps
Molybdenum	95-1	1213778	1216215	1204048	1211347	0.53	cps
Molybdenum	96-1	1318738	1308449	1300581	1309256	0.70	cps
Molybdenum	97-1	760354	760282	754199	758278	0.47	cps
Molybdenum	98-1	1981483	1982181	1965618	1976427	0.47	cps
Neodymium	150-1	13	20	27	20	33.35	cps
Neodymium	150-2	3	3	10	6	69.34	cps
Nickel	60-2	1560	1470	1500	1510	3.03	cps
Phosphorus	31-2	179554	180033	180016	179868	0.15	cps
Potassium	39-2	5410175	5347422	5391498	5383032	0.60	cps
Rhodium	103-1	1056436	1060642	1060398	1059158	0.22	cps
Rhodium	103-2	853156	859025	854485	855555	0.36	cps
Scandium	45-1	641482	634550	635456	637163	0.59	cps
Scandium	45-2	59141	59278	59261	59227	0.13	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	74	65	85	75	13.65	cps
Selenium	82-1	65	61	65	64	3.27	cps
Silicon	28-1	54249	53019	53220	53496	1.23	cps
Silver	109-1	217	150	175	181	18.65	cps
Silver	107-1	75	100	225	133	60.27	cps
Sodium	23-2	7227335	7243133	7250522	7240330	0.16	cps
Strontium	86-1	11380	11096	10663	11046	3.27	cps
Strontium	88-1	99748	96065	98682	98165	1.93	cps
Sulfur	34-1	512894	508601	507620	509705	0.55	cps
Terbium	159-1	1545101	1542216	1532477	1539932	0.43	cps
Terbium	159-2	1681081	1693595	1681394	1685357	0.42	cps
Thallium	203-1	183	208	167	186	11.27	cps
Thallium	205-1	558	692	433	561	23.02	cps
Tin	118-1	442	367	433	414	9.93	cps
Titanium	47-1	334903	332968	337147	335006	0.62	cps
Uranium	238-1	167	175	125	156	17.22	cps
Vanadium	51-2	87	110	110	102	13.18	cps
Yttrium	89-1	970865	967286	960621	966257	0.54	cps
Yttrium	89-2	392930	390683	387868	390494	0.65	cps
Zinc	66-2	1687	1727	1703	1706	1.18	cps
Zirconium	90-1	725	483	458	556	26.51	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 11:54:02	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	100	150	58	103	44.65	cps

LB Number : LB90798 Operator : Jaswal
 Lab Sample ID : ICSAB Instrumnet Name : P7
 Client Sample ID : ICSAB Dilution Factor : 1
 Date & Time Acquired :: 2017-10-12 11:57:32 DataFile Name : 016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3078346	3051549	3068332	3066076	0.44	cps
Antimony	121-1	27828	29148	29140	28705	2.65	cps
Arsenic	75-2	1911	1869	1922	1901	1.49	cps
Barium	135-1	6377	6769	6785	6644	3.48	cps
Barium	137-1	10913	12156	12122	11731	6.04	cps
Beryllium	9-1	7057	7107	7474	7213	3.16	cps
Bismuth	209-1	1172517	1169297	1173036	1171617	0.17	cps
Bismuth	209-2	1279382	1294014	1276928	1283441	0.72	cps
Boron	10-1	2384	2617	2800	2600	8.03	cps
Boron	11-1	11788	12114	11763	11888	1.64	cps
Cadmium	111-1	7231	7084	7147	7154	1.03	cps
Cadmium	106-1	1125	1158	958	1081	9.92	cps
Cadmium	108-1	750	833	788	790	5.28	cps
Calcium	43-1	307300	308692	310901	308964	0.59	cps
Calcium	44-1	5155034	5263727	5273815	5230859	1.26	cps
Chromium	52-2	24494	24918	24043	24485	1.79	cps
Cobalt	59-2	21596	21369	21025	21330	1.35	cps
Copper	63-2	20892	20818	20748	20819	0.34	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	83	67	25	58	51.51	cps
Erbium	164-2	7	10	10	9	21.63	cps
Gadolinium	160-1	58	17	17	31	78.72	cps
Gadolinium	160-2	180	190	220	197	10.59	cps
Holmium	165-1	1483936	1511207	1496408	1497184	0.91	cps
Holmium	165-2	1696504	1710149	1679672	1695442	0.90	cps
Indium	115-1	1103535	1107726	1111953	1107738	0.38	cps
Indium	115-2	585214	589824	582101	585713	0.66	cps
Iron	56-2	60565286	61273404	60475465	60771385	0.72	cps
Iron	57-2	1499231	1520297	1499835	1506454	0.80	cps
Lead	206-1	31906	32167	32056	32043	0.41	cps
Lead	207-1	27045	27140	27139	27108	0.20	cps
Lead	208-1	125406	125171	125182	125253	0.11	cps
Lithium	6-1	348622	345819	345147	346529	0.53	cps
Magnesium	24-2	4699648	4742128	4734677	4725484	0.48	cps
Manganese	55-2	13380	13807	13473	13553	1.66	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 11:57:32	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	735289	735141	739591	736674	0.34	cps
Molybdenum	95-1	1234081	1233296	1232427	1233268	0.07	cps
Molybdenum	96-1	1339544	1345048	1330900	1338497	0.53	cps
Molybdenum	97-1	772341	775971	775212	774508	0.25	cps
Molybdenum	98-1	2008310	2007698	2015073	2010361	0.20	cps
Neodymium	150-1	20	7	0	9	114.55	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	6685	6652	6835	6724	1.45	cps
Phosphorus	31-2	177092	183229	180799	180373	1.71	cps
Potassium	39-2	5366373	5365437	5369393	5367068	0.04	cps
Rhodium	103-1	1039184	1045171	1045368	1043241	0.34	cps
Rhodium	103-2	848938	860430	847208	852192	0.84	cps
Scandium	45-1	630343	628547	627154	628681	0.25	cps
Scandium	45-2	60178	59760	59740	59893	0.41	cps
Selenium	77-2	63	27	40	43	42.82	cps
Selenium	78-2	256	265	257	259	1.89	cps
Selenium	82-1	431	439	478	449	5.61	cps
Silicon	28-1	106982	107527	108358	107622	0.64	cps
Silver	109-1	31002	30484	30927	30804	0.91	cps
Silver	107-1	31394	32196	32405	31998	1.67	cps
Sodium	23-2	7236197	7251413	7214045	7233885	0.26	cps
Strontium	86-1	28797	29523	30575	29632	3.02	cps
Strontium	88-1	269546	267365	267208	268040	0.49	cps
Sulfur	34-1	504773	504647	501782	503734	0.34	cps
Terbium	159-1	1506398	1514659	1499466	1506841	0.50	cps
Terbium	159-2	1680529	1690647	1663697	1678291	0.81	cps
Thallium	203-1	30453	31213	30119	30595	1.83	cps
Thallium	205-1	73881	76219	74426	74842	1.63	cps
Tin	118-1	62942	61059	64031	62677	2.40	cps
Titanium	47-1	338850	340076	342565	340497	0.56	cps
Uranium	238-1	373836	374056	374265	374052	0.06	cps
Vanadium	51-2	10094	9847	10244	10061	1.99	cps
Yttrium	89-1	946058	949388	947896	947781	0.18	cps
Yttrium	89-2	388881	391633	386129	388881	0.71	cps
Zinc	66-2	4174	4324	4377	4292	2.46	cps
Zirconium	90-1	116021	114651	115869	115514	0.65	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 11:57:32	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	26083	26459	27093	26545	1.92	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	CCV077	Instrumnet Name :	P7
Client Sample ID :	CCV077	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:01:01	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1809364	1778827	1793636	1793942	0.85	cps
Antimony	121-1	694092	701569	694732	696798	0.59	cps
Arsenic	75-2	51506	50853	51180	51180	0.64	cps
Barium	135-1	789416	789373	781259	786683	0.60	cps
Barium	137-1	1369739	1365628	1359652	1365006	0.37	cps
Beryllium	9-1	178447	179733	181489	179890	0.85	cps
Bismuth	209-1	1116826	1128098	1108581	1117835	0.88	cps
Bismuth	209-2	1244523	1230256	1242582	1239120	0.62	cps
Boron	10-1	20765	20047	20832	20548	2.12	cps
Boron	11-1	93691	93908	95502	94367	1.05	cps
Cadmium	111-1	168798	167522	168726	168349	0.43	cps
Cadmium	106-1	16402	17019	16594	16672	1.89	cps
Cadmium	108-1	11759	12347	11847	11984	2.65	cps
Calcium	43-1	787966	786293	786823	787027	0.11	cps
Calcium	44-1	13157690	13516962	13213690	13296114	1.45	cps
Chromium	52-2	324979	322197	321133	322770	0.62	cps
Cobalt	59-2	515927	512429	510376	512911	0.55	cps
Copper	63-2	739067	732554	733191	734937	0.49	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	27	53	33	38	36.73	cps
Erbium	164-1	75	42	50	56	31.22	cps
Erbium	164-2	0	10	10	7	86.60	cps
Gadolinium	160-1	42	42	67	50	28.87	cps
Gadolinium	160-2	203	193	163	187	11.15	cps
Holmium	165-1	1460857	1462425	1435091	1452791	1.06	cps
Holmium	165-2	1682948	1650326	1675389	1669555	1.02	cps
Indium	115-1	1085789	1084817	1078106	1082904	0.39	cps
Indium	115-2	583112	579946	580157	581072	0.30	cps
Iron	56-2	78806316	78214455	78289696	78436822	0.41	cps
Iron	57-2	1951938	1929355	1926204	1935832	0.73	cps
Lead	206-1	619123	616066	613697	616295	0.44	cps
Lead	207-1	566719	568572	561681	565657	0.63	cps
Lead	208-1	2542610	2550516	2519163	2537429	0.64	cps
Lithium	6-1	332756	335640	334201	334199	0.43	cps
Magnesium	24-2	12655381	12578396	12753688	12662488	0.69	cps
Manganese	55-2	505789	504629	497099	502506	0.94	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	CCV077	Instrumnet Name :	P7
Client Sample ID :	CCV077	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:01:01	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	564039	561879	556771	560896	0.67	cps
Molybdenum	95-1	316857	315087	310172	314039	1.10	cps
Molybdenum	96-1	404671	408592	405022	406095	0.53	cps
Molybdenum	97-1	197870	198274	198933	198359	0.27	cps
Molybdenum	98-1	513639	513230	512056	512975	0.16	cps
Neodymium	150-1	80	53	27	53	49.99	cps
Neodymium	150-2	17	10	20	16	32.73	cps
Nickel	60-2	138352	136014	137228	137198	0.85	cps
Phosphorus	31-2	20899	19780	20098	20259	2.84	cps
Potassium	39-2	7273296	7231783	7240122	7248400	0.30	cps
Rhodium	103-1	1017341	1025477	1008615	1017144	0.83	cps
Rhodium	103-2	839284	830834	833790	834636	0.51	cps
Scandium	45-1	631228	634606	633624	633153	0.27	cps
Scandium	45-2	62906	62796	62772	62825	0.11	cps
Selenium	77-2	1470	1290	1343	1368	6.76	cps
Selenium	78-2	4666	4845	4627	4713	2.47	cps
Selenium	82-1	8589	8782	8509	8627	1.63	cps
Silicon	28-1	559854	569204	569079	566046	0.95	cps
Silver	109-1	813789	812588	810763	812380	0.19	cps
Silver	107-1	840817	840041	837252	839370	0.22	cps
Sodium	23-2	19296014	18984642	19121353	19134003	0.82	cps
Strontium	86-1	168170	167124	164791	166695	1.04	cps
Strontium	88-1	1506563	1498154	1491983	1498900	0.49	cps
Sulfur	34-1	96370	98491	98667	97843	1.31	cps
Terbium	159-1	1467235	1473617	1455701	1465518	0.62	cps
Terbium	159-2	1656413	1641056	1649309	1648926	0.47	cps
Thallium	203-1	756132	759570	745056	753586	1.01	cps
Thallium	205-1	1827063	1810273	1812667	1816668	0.50	cps
Tin	118-1	529394	529385	525962	528247	0.37	cps
Titanium	47-1	88751	90084	89648	89494	0.76	cps
Uranium	238-1	3152691	3224019	3157670	3178127	1.25	cps
Vanadium	51-2	276050	274096	272502	274216	0.65	cps
Yttrium	89-1	932640	938503	929081	933408	0.51	cps
Yttrium	89-2	397688	398797	395869	397451	0.37	cps
Zinc	66-2	130342	128537	129067	129315	0.72	cps
Zirconium	90-1	1000044	1006496	991846	999462	0.73	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	CCV077	Instrumnet Name :	P7
Client Sample ID :	CCV077	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:01:01	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	228703	231040	226676	228807	0.95	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	CCB077	Instrumnet Name :	P7
Client Sample ID :	CCB077	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:05:56	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	117	92	100	14.43	cps
Antimony	121-1	1075	1150	1050	1092	4.77	cps
Arsenic	75-2	11	13	19	14	27.17	cps
Barium	135-1	17	8	42	22	78.07	cps
Barium	137-1	75	58	42	58	28.57	cps
Beryllium	9-1	33	33	22	30	21.65	cps
Bismuth	209-1	1170345	1176368	1165027	1170580	0.48	cps
Bismuth	209-2	1303919	1322088	1327781	1317929	0.95	cps
Boron	10-1	192	217	267	225	16.97	cps
Boron	11-1	1125	1158	1133	1139	1.52	cps
Cadmium	111-1	343	319	314	325	4.65	cps
Cadmium	106-1	492	467	425	461	7.30	cps
Cadmium	108-1	8	17	0	8	100.02	cps
Calcium	43-1	117	192	83	131	42.50	cps
Calcium	44-1	4009	3701	4076	3928	5.09	cps
Chromium	52-2	223	317	263	268	17.49	cps
Cobalt	59-2	20	33	20	24	31.49	cps
Copper	63-2	230	330	297	286	17.83	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	50	50	58	53	9.12	cps
Erbium	164-2	7	0	3	3	100.05	cps
Gadolinium	160-1	42	42	17	33	43.30	cps
Gadolinium	160-2	143	193	170	169	14.81	cps
Holmium	165-1	1411130	1407897	1404847	1407958	0.22	cps
Holmium	165-2	1640484	1648573	1653822	1647626	0.41	cps
Indium	115-1	1109661	1113907	1108246	1110605	0.27	cps
Indium	115-2	598491	602699	604789	601993	0.53	cps
Iron	56-2	3940	4073	3862	3958	2.70	cps
Iron	57-2	167	161	100	143	25.94	cps
Lead	206-1	261	328	194	261	25.53	cps
Lead	207-1	206	178	211	198	9.01	cps
Lead	208-1	1122	1289	1061	1157	10.19	cps
Lithium	6-1	342548	344166	344004	343573	0.26	cps
Magnesium	24-2	267	350	325	314	13.62	cps
Manganese	55-2	53	70	83	69	21.83	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	CCB077	Instrumnet Name :	P7
Client Sample ID :	CCB077	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:05:56	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	233	167	242	214	19.22	cps
Molybdenum	95-1	425	192	283	300	39.18	cps
Molybdenum	96-1	408	300	292	333	19.53	cps
Molybdenum	97-1	167	242	142	183	28.39	cps
Molybdenum	98-1	525	525	433	494	10.70	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	17	13	10	13	25.01	cps
Phosphorus	31-2	33	58	83	58	42.86	cps
Potassium	39-2	16335	14741	15517	15531	5.13	cps
Rhodium	103-1	1061257	1073020	1077613	1070630	0.79	cps
Rhodium	103-2	891331	899349	896382	895687	0.45	cps
Scandium	45-1	623822	625437	624215	624491	0.13	cps
Scandium	45-2	60908	60647	61153	60903	0.42	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	85	106	80	90	15.15	cps
Selenium	82-1	56	36	59	50	24.37	cps
Silicon	28-1	35493	35426	34933	35284	0.87	cps
Silver	109-1	133	117	125	125	6.67	cps
Silver	107-1	150	92	108	117	25.76	cps
Sodium	23-2	16226	15942	15767	15978	1.45	cps
Strontium	86-1	83	100	108	97	13.09	cps
Strontium	88-1	150	142	167	153	8.33	cps
Sulfur	34-1	49709	50160	49249	49706	0.92	cps
Terbium	159-1	1431940	1439349	1432391	1434560	0.29	cps
Terbium	159-2	1638137	1647351	1643213	1642900	0.28	cps
Thallium	203-1	192	292	150	211	34.49	cps
Thallium	205-1	442	467	492	467	5.36	cps
Tin	118-1	333	400	433	389	13.09	cps
Titanium	47-1	58	83	33	58	42.86	cps
Uranium	238-1	108	108	158	125	23.09	cps
Vanadium	51-2	7	17	10	11	45.82	cps
Yttrium	89-1	926039	920601	924438	923692	0.30	cps
Yttrium	89-2	392029	393354	397212	394198	0.68	cps
Zinc	66-2	297	237	210	248	17.91	cps
Zirconium	90-1	192	233	308	244	24.19	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	CCB077	Instrumnet Name :	P7
Client Sample ID :	CCB077	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:05:56	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	17	33	92	47	83.40	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:09:27	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	742	717	792	750	5.09	cps
Antimony	121-1	2992	2609	2750	2784	6.97	cps
Arsenic	75-2	81	72	109	88	21.99	cps
Barium	135-1	2809	2892	2792	2831	1.89	cps
Barium	137-1	4943	5084	5143	5057	2.03	cps
Beryllium	9-1	372	422	389	394	6.45	cps
Bismuth	209-1	1171878	1163748	1164872	1166833	0.38	cps
Bismuth	209-2	1321705	1331374	1337808	1330296	0.61	cps
Boron	10-1	1067	1117	1167	1117	4.48	cps
Boron	11-1	4576	4651	4918	4715	3.81	cps
Cadmium	111-1	656	626	583	622	5.96	cps
Cadmium	106-1	500	458	417	458	9.09	cps
Cadmium	108-1	21	17	25	21	19.99	cps
Calcium	43-1	1600	1592	1292	1495	11.75	cps
Calcium	44-1	26107	26024	25748	25960	0.72	cps
Chromium	52-2	1580	1637	1627	1615	1.87	cps
Cobalt	59-2	1093	997	1027	1039	4.76	cps
Copper	63-2	1733	1720	1630	1695	3.32	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	42	58	83	61	34.32	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	17	50	25	31	56.77	cps
Gadolinium	160-2	157	147	183	162	11.68	cps
Holmium	165-1	1418604	1410731	1416591	1415309	0.29	cps
Holmium	165-2	1647950	1665177	1676158	1663095	0.85	cps
Indium	115-1	1114941	1106612	1109607	1110387	0.38	cps
Indium	115-2	604437	604530	607837	605601	0.32	cps
Iron	56-2	32252	32303	32860	32472	1.04	cps
Iron	57-2	817	922	911	883	6.57	cps
Lead	206-1	1350	1389	1156	1298	9.63	cps
Lead	207-1	1261	1306	1239	1269	2.68	cps
Lead	208-1	5478	5912	5278	5556	5.83	cps
Lithium	6-1	343240	341047	345533	343273	0.65	cps
Magnesium	24-2	22175	23336	23594	23035	3.28	cps
Manganese	55-2	543	527	613	561	8.20	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:09:27	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2317	2292	2400	2336	2.43	cps
Molybdenum	95-1	2850	3267	2917	3012	7.43	cps
Molybdenum	96-1	3192	3142	3009	3114	3.04	cps
Molybdenum	97-1	1984	1842	1709	1845	7.46	cps
Molybdenum	98-1	5084	4784	4934	4934	3.04	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	300	330	317	316	4.76	cps
Phosphorus	31-2	58	100	58	72	33.30	cps
Potassium	39-2	40573	40615	39863	40350	1.05	cps
Rhodium	103-1	1075545	1071256	1082291	1076364	0.52	cps
Rhodium	103-2	895642	898526	901056	898408	0.30	cps
Scandium	45-1	626855	625206	627718	626593	0.20	cps
Scandium	45-2	60871	60265	61162	60766	0.75	cps
Selenium	77-2	7	3	7	6	34.70	cps
Selenium	78-2	128	135	135	133	3.22	cps
Selenium	82-1	130	140	128	132	4.96	cps
Silicon	28-1	49358	49433	47802	48864	1.88	cps
Silver	109-1	1667	1642	1842	1717	6.35	cps
Silver	107-1	1784	1684	1492	1653	8.97	cps
Sodium	23-2	49156	50486	50586	50076	1.59	cps
Strontium	86-1	317	425	358	367	14.90	cps
Strontium	88-1	2575	2809	3109	2831	9.45	cps
Sulfur	34-1	51365	50286	50495	50715	1.13	cps
Terbium	159-1	1442859	1440074	1436352	1439762	0.23	cps
Terbium	159-2	1647810	1652406	1648806	1649674	0.15	cps
Thallium	203-1	1433	1333	1600	1456	9.26	cps
Thallium	205-1	3642	3709	3559	3637	2.07	cps
Tin	118-1	5285	5093	4984	5121	2.97	cps
Titanium	47-1	892	808	617	772	18.26	cps
Uranium	238-1	5226	5760	5568	5518	4.90	cps
Vanadium	51-2	2350	2470	2394	2405	2.53	cps
Yttrium	89-1	929449	923813	936856	930039	0.70	cps
Yttrium	89-2	394932	394914	398602	396149	0.54	cps
Zinc	66-2	313	450	370	378	18.18	cps
Zirconium	90-1	2067	2234	1992	2097	5.90	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:09:27	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	517	608	450	525	15.14	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	PB103158BL	Instrumnet Name :	P7
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:12:59	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	67	42	44	47.19	cps
Antimony	121-1	350	292	317	319	9.16	cps
Arsenic	75-2	9	13	7	10	28.61	cps
Barium	135-1	8	33	8	17	86.62	cps
Barium	137-1	58	50	25	44	39.04	cps
Beryllium	9-1	28	28	11	22	43.31	cps
Bismuth	209-1	1185615	1173324	1176083	1178341	0.55	cps
Bismuth	209-2	1324958	1319236	1323966	1322720	0.23	cps
Boron	10-1	108	133	108	117	12.37	cps
Boron	11-1	692	775	658	708	8.48	cps
Cadmium	111-1	302	306	358	322	9.81	cps
Cadmium	106-1	425	425	500	450	9.62	cps
Cadmium	108-1	0	0	0	0	0.00	cps
Calcium	43-1	108	42	75	75	44.44	cps
Calcium	44-1	2909	2717	2709	2778	4.07	cps
Chromium	52-2	207	183	217	202	8.46	cps
Cobalt	59-2	10	17	17	14	26.66	cps
Copper	63-2	197	187	223	202	9.37	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	33	92	58	61	47.89	cps
Erbium	164-2	3	7	7	6	34.70	cps
Gadolinium	160-1	58	75	17	50	60.09	cps
Gadolinium	160-2	187	183	163	178	7.10	cps
Holmium	165-1	1428152	1424111	1432434	1428232	0.29	cps
Holmium	165-2	1652059	1638932	1649019	1646670	0.42	cps
Indium	115-1	1127664	1114280	1114781	1118908	0.68	cps
Indium	115-2	603679	603582	604511	603924	0.08	cps
Iron	56-2	1645	1934	2284	1954	16.38	cps
Iron	57-2	72	83	111	89	22.53	cps
Lead	206-1	183	161	289	211	32.34	cps
Lead	207-1	228	306	183	239	25.90	cps
Lead	208-1	1022	1000	1022	1015	1.26	cps
Lithium	6-1	349708	343855	343536	345700	1.01	cps
Magnesium	24-2	117	142	200	153	27.99	cps
Manganese	55-2	63	43	13	40	62.92	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	PB103158BL	Instrumnet Name :	P7
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:12:59	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	150	58	142	117	43.45	cps
Molybdenum	95-1	108	83	100	97	13.09	cps
Molybdenum	96-1	142	125	150	139	9.16	cps
Molybdenum	97-1	17	75	50	47	61.97	cps
Molybdenum	98-1	217	150	167	178	19.52	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	3	20	30	18	75.79	cps
Phosphorus	31-2	33	50	33	39	24.74	cps
Potassium	39-2	13540	14041	13949	13843	1.93	cps
Rhodium	103-1	1089950	1080675	1082225	1084283	0.46	cps
Rhodium	103-2	898808	889951	896146	894968	0.51	cps
Scandium	45-1	637073	632624	629655	633117	0.59	cps
Scandium	45-2	61223	60841	60674	60912	0.46	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	78	89	87	85	7.04	cps
Selenium	82-1	60	60	65	62	4.42	cps
Silicon	28-1	33948	33647	33305	33633	0.96	cps
Silver	109-1	42	17	42	33	43.30	cps
Silver	107-1	8	25	25	19	49.50	cps
Sodium	23-2	13640	14666	14090	14132	3.64	cps
Strontium	86-1	125	92	83	100	22.05	cps
Strontium	88-1	100	58	75	78	26.96	cps
Sulfur	34-1	50930	51766	52025	51574	1.11	cps
Terbium	159-1	1448842	1441177	1453452	1447824	0.43	cps
Terbium	159-2	1650318	1641652	1641276	1644415	0.31	cps
Thallium	203-1	58	50	58	56	8.67	cps
Thallium	205-1	92	208	117	139	44.23	cps
Tin	118-1	267	175	242	228	20.80	cps
Titanium	47-1	25	25	8	19	49.50	cps
Uranium	238-1	50	33	42	42	20.00	cps
Vanadium	51-2	13	7	10	10	33.30	cps
Yttrium	89-1	936940	925834	934650	932474	0.63	cps
Yttrium	89-2	393824	393009	394970	393934	0.25	cps
Zinc	66-2	200	167	170	179	10.26	cps
Zirconium	90-1	125	133	175	144	18.54	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	PB103158BL	Instrumnet Name :	P7
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:12:59	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	33	25	50	36	35.25	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	PB103158BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:16:32	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1158	1425	1442	1342	11.85	cps
Antimony	121-1	5076	5518	5435	5343	4.39	cps
Arsenic	75-2	209	202	196	202	3.21	cps
Barium	135-1	6118	6202	5668	5996	4.79	cps
Barium	137-1	10087	10596	10229	10304	2.55	cps
Beryllium	9-1	672	739	650	687	6.73	cps
Bismuth	209-1	1187981	1182867	1189421	1186756	0.29	cps
Bismuth	209-2	1304725	1317204	1326128	1316019	0.82	cps
Boron	10-1	1967	1825	2050	1947	5.84	cps
Boron	11-1	8895	8336	9086	8772	4.45	cps
Cadmium	111-1	973	950	955	960	1.26	cps
Cadmium	106-1	500	458	550	503	9.13	cps
Cadmium	108-1	50	29	67	49	38.65	cps
Calcium	43-1	3234	2809	2984	3009	7.10	cps
Calcium	44-1	53105	50346	52812	52087	2.91	cps
Chromium	52-2	2804	2617	2940	2787	5.83	cps
Cobalt	59-2	2087	2107	1967	2054	3.69	cps
Copper	63-2	3050	3054	3230	3111	3.31	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	42	50	42	19.99	cps
Erbium	164-2	7	20	13	13	49.99	cps
Gadolinium	160-1	50	50	25	42	34.64	cps
Gadolinium	160-2	193	213	193	200	5.77	cps
Holmium	165-1	1429014	1436799	1428799	1431537	0.32	cps
Holmium	165-2	1650291	1656601	1657153	1654682	0.23	cps
Indium	115-1	1126308	1127295	1119042	1124215	0.40	cps
Indium	115-2	596383	598126	601996	598835	0.48	cps
Iron	56-2	247687	251852	249303	249614	0.84	cps
Iron	57-2	6457	6174	5990	6207	3.79	cps
Lead	206-1	2778	2567	2473	2606	6.01	cps
Lead	207-1	2356	2523	2367	2415	3.86	cps
Lead	208-1	11425	11464	10869	11252	2.96	cps
Lithium	6-1	348913	346189	345439	346847	0.53	cps
Magnesium	24-2	47410	47936	47250	47532	0.76	cps
Manganese	55-2	1083	1170	1003	1086	7.68	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	PB103158BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:16:32	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4559	4434	4534	4509	1.47	cps
Molybdenum	95-1	6118	5893	5651	5888	3.97	cps
Molybdenum	96-1	5943	7102	6635	6560	8.89	cps
Molybdenum	97-1	3367	3409	3376	3384	0.65	cps
Molybdenum	98-1	9395	9495	9670	9520	1.46	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	550	653	643	616	9.26	cps
Phosphorus	31-2	67	58	83	69	18.33	cps
Potassium	39-2	66266	67823	65922	66670	1.52	cps
Rhodium	103-1	1089955	1083148	1088879	1087327	0.34	cps
Rhodium	103-2	892036	891374	899624	894345	0.51	cps
Scandium	45-1	629537	630706	631997	630747	0.20	cps
Scandium	45-2	61219	60212	61136	60856	0.92	cps
Selenium	77-2	50	30	40	40	25.00	cps
Selenium	78-2	176	207	191	191	8.23	cps
Selenium	82-1	274	311	246	277	11.66	cps
Silicon	28-1	60314	61586	61687	61196	1.25	cps
Silver	109-1	3200	3242	3434	3292	3.78	cps
Silver	107-1	3334	3359	3684	3459	5.65	cps
Sodium	23-2	84814	85904	86349	85689	0.92	cps
Strontium	86-1	717	725	708	717	1.16	cps
Strontium	88-1	5360	5418	5593	5457	2.23	cps
Sulfur	34-1	51548	51407	50529	51161	1.08	cps
Terbium	159-1	1467500	1456603	1455051	1459718	0.46	cps
Terbium	159-2	1643400	1642957	1646433	1644263	0.12	cps
Thallium	203-1	2967	3159	3209	3112	4.10	cps
Thallium	205-1	6952	7319	6944	7072	3.03	cps
Tin	118-1	9712	10229	10196	10046	2.88	cps
Titanium	47-1	1617	1450	1592	1553	5.79	cps
Uranium	238-1	11531	11247	11614	11464	1.68	cps
Vanadium	51-2	4898	5141	5278	5105	3.77	cps
Yttrium	89-1	932748	936267	929639	932885	0.36	cps
Yttrium	89-2	392463	393869	395166	393833	0.34	cps
Zinc	66-2	707	723	813	748	7.67	cps
Zirconium	90-1	4084	3642	3542	3756	7.68	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	PB103158BS	Instrumnet Name :	P7
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:16:32	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	992	950	917	953	3.94	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-01	Instrumnet Name :	P7
Client Sample ID :	B-38(FILL)_100917	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:20:04	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	413095	413532	409609	412079	0.52	cps
Antimony	121-1	19431	20007	19906	19781	1.55	cps
Arsenic	75-2	1654	1785	1672	1704	4.18	cps
Barium	135-1	540462	535898	535159	537173	0.53	cps
Barium	137-1	941469	926653	926029	931384	0.94	cps
Beryllium	9-1	311	350	422	361	15.61	cps
Bismuth	209-1	1223021	1219127	1206810	1216319	0.70	cps
Bismuth	209-2	1355212	1338517	1310161	1334630	1.71	cps
Boron	10-1	775	825	883	828	6.55	cps
Boron	11-1	4834	4317	4468	4540	5.86	cps
Cadmium	111-1	3068	2945	3104	3039	2.74	cps
Cadmium	106-1	758	742	742	747	1.29	cps
Cadmium	108-1	233	183	171	196	16.89	cps
Calcium	43-1	121632	121691	119977	121100	0.80	cps
Calcium	44-1	2040209	1988036	2016510	2014918	1.30	cps
Chromium	52-2	60577	60514	60109	60400	0.42	cps
Cobalt	59-2	34992	34935	35416	35114	0.75	cps
Copper	63-2	183244	181931	180030	181735	0.89	cps
Dysprosium	156-1	4259	4117	3984	4120	3.34	cps
Dysprosium	156-2	4758	4668	4698	4708	0.97	cps
Erbium	164-1	4659	4226	4401	4429	4.92	cps
Erbium	164-2	4811	4794	4814	4806	0.22	cps
Gadolinium	160-1	4593	4668	4184	4482	5.81	cps
Gadolinium	160-2	5011	5228	5021	5087	2.41	cps
Holmium	165-1	1488322	1497720	1488202	1491414	0.37	cps
Holmium	165-2	1702077	1684581	1658550	1681736	1.30	cps
Indium	115-1	1123582	1131455	1127444	1127494	0.35	cps
Indium	115-2	602701	593977	584657	593778	1.52	cps
Iron	56-2	22537563	22609919	22433198	22526893	0.39	cps
Iron	57-2	559134	559082	553237	557151	0.61	cps
Lead	206-1	2699756	2645687	2650890	2665444	1.12	cps
Lead	207-1	2300412	2267790	2277420	2281874	0.73	cps
Lead	208-1	10728502	10538125	10588113	10618247	0.93	cps
Lithium	6-1	363258	363328	360306	362297	0.48	cps
Magnesium	24-2	269683	270713	266158	268851	0.89	cps
Manganese	55-2	372678	374690	371004	372791	0.49	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-01	Instrumnet Name :	P7
Client Sample ID :	B-38(FILL)_100917	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:20:04	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2692	2559	2667	2639	2.69	cps
Molybdenum	95-1	1842	1925	1650	1806	7.81	cps
Molybdenum	96-1	2317	2334	2409	2353	2.08	cps
Molybdenum	97-1	1133	1108	1075	1106	2.65	cps
Molybdenum	98-1	2809	2625	3150	2862	9.31	cps
Neodymium	150-1	6328	6042	6522	6297	3.84	cps
Neodymium	150-2	6108	6158	6272	6179	1.36	cps
Nickel	60-2	10050	10054	10037	10047	0.09	cps
Phosphorus	31-2	1600	1542	1700	1614	4.96	cps
Potassium	39-2	67738	69011	67035	67928	1.47	cps
Rhodium	103-1	1084478	1070576	1073817	1076290	0.68	cps
Rhodium	103-2	889970	881969	863632	878524	1.54	cps
Scandium	45-1	632002	634037	626779	630939	0.59	cps
Scandium	45-2	60011	58776	57900	58896	1.80	cps
Selenium	77-2	43	20	27	30	40.05	cps
Selenium	78-2	80	93	83	85	7.84	cps
Selenium	82-1	99	101	86	95	8.71	cps
Silicon	28-1	2485680	2478423	2519267	2494457	0.87	cps
Silver	109-1	4401	4426	4309	4379	1.40	cps
Silver	107-1	4418	4593	4384	4465	2.51	cps
Sodium	23-2	44876	44943	44768	44862	0.20	cps
Strontium	86-1	59032	57057	58002	58030	1.70	cps
Strontium	88-1	537617	532337	530607	533520	0.68	cps
Sulfur	34-1	55847	56651	56215	56238	0.72	cps
Terbium	159-1	1507760	1497955	1500892	1502202	0.33	cps
Terbium	159-2	1686831	1669436	1629299	1661855	1.78	cps
Thallium	203-1	383	408	392	394	3.23	cps
Thallium	205-1	1008	1075	1092	1058	4.17	cps
Tin	118-1	56824	55411	56289	56175	1.27	cps
Titanium	47-1	60048	58199	58408	58885	1.72	cps
Uranium	238-1	5685	5460	5585	5576	2.02	cps
Vanadium	51-2	19319	19032	19296	19216	0.83	cps
Yttrium	89-1	994549	987352	987243	989715	0.42	cps
Yttrium	89-2	404106	399172	392880	398719	1.41	cps
Zinc	66-2	390595	393039	391369	391668	0.32	cps
Zirconium	90-1	4001	3801	3942	3915	2.63	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-01	Instrumnet Name :	P7
Client Sample ID :	B-38(FILL)_100917	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:20:04	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	942	833	783	853	9.49	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-02	Instrumnet Name :	P7
Client Sample ID :	B-38(FILL)_100917D	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:23:35	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	399166	394045	396993	396734	0.65	cps
Antimony	121-1	19731	20557	19364	19884	3.07	cps
Arsenic	75-2	1611	1626	1765	1667	5.09	cps
Barium	135-1	546522	543448	542657	544209	0.38	cps
Barium	137-1	956670	946875	945424	949656	0.64	cps
Beryllium	9-1	350	367	400	372	6.84	cps
Bismuth	209-1	1268104	1265083	1259151	1264113	0.36	cps
Bismuth	209-2	1329760	1345642	1337482	1337628	0.59	cps
Boron	10-1	783	1025	975	928	13.75	cps
Boron	11-1	4434	4668	4351	4484	3.66	cps
Cadmium	111-1	2749	2847	3037	2878	5.08	cps
Cadmium	106-1	675	667	633	658	3.35	cps
Cadmium	108-1	158	171	158	163	4.44	cps
Calcium	43-1	123319	121229	119539	121362	1.56	cps
Calcium	44-1	2019703	2008740	2002217	2010220	0.44	cps
Chromium	52-2	59489	60346	60480	60105	0.89	cps
Cobalt	59-2	34056	34988	34618	34554	1.36	cps
Copper	63-2	183093	182029	183120	182747	0.34	cps
Dysprosium	156-1	3951	4151	4017	4040	2.52	cps
Dysprosium	156-2	4611	4884	4788	4761	2.91	cps
Erbium	164-1	4259	4676	4859	4598	6.69	cps
Erbium	164-2	4978	4721	5034	4911	3.40	cps
Gadolinium	160-1	4351	4726	4851	4643	5.61	cps
Gadolinium	160-2	4971	5258	4964	5064	3.31	cps
Holmium	165-1	1549354	1555833	1558607	1554598	0.31	cps
Holmium	165-2	1679883	1685975	1688627	1684828	0.27	cps
Indium	115-1	1158851	1149056	1149578	1152495	0.48	cps
Indium	115-2	584778	583534	585834	584715	0.20	cps
Iron	56-2	22124379	22122120	22063556	22103352	0.16	cps
Iron	57-2	543968	548667	547847	546827	0.46	cps
Lead	206-1	2799284	2762063	2766562	2775970	0.73	cps
Lead	207-1	2404199	2363021	2369334	2378851	0.93	cps
Lead	208-1	11172959	11026601	11018607	11072722	0.78	cps
Lithium	6-1	372077	370739	371745	371520	0.19	cps
Magnesium	24-2	267630	266264	260077	264657	1.52	cps
Manganese	55-2	365503	365513	363300	364772	0.35	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-02	Instrumnet Name :	P7
Client Sample ID :	B-38(FILL)_100917D	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:23:35	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2300	2367	2375	2348	1.75	cps
Molybdenum	95-1	1767	1700	1759	1742	2.09	cps
Molybdenum	96-1	2350	2067	2392	2270	7.79	cps
Molybdenum	97-1	1192	1183	1050	1142	6.96	cps
Molybdenum	98-1	2917	3017	2792	2909	3.88	cps
Neodymium	150-1	6502	6608	6835	6648	2.56	cps
Neodymium	150-2	5895	6155	6278	6109	3.20	cps
Nickel	60-2	9974	9867	10160	10000	1.49	cps
Phosphorus	31-2	1592	1609	1658	1620	2.14	cps
Potassium	39-2	64483	66048	65596	65376	1.23	cps
Rhodium	103-1	1107933	1089377	1095234	1097515	0.86	cps
Rhodium	103-2	868497	875821	873402	872573	0.43	cps
Scandium	45-1	637738	638080	634055	636624	0.35	cps
Scandium	45-2	57451	56655	56601	56902	0.84	cps
Selenium	77-2	40	37	13	30	48.44	cps
Selenium	78-2	80	52	98	77	30.45	cps
Selenium	82-1	102	97	51	83	33.91	cps
Silicon	28-1	2437216	2483264	2440155	2453545	1.05	cps
Silver	109-1	4593	4968	4484	4682	5.42	cps
Silver	107-1	5135	5026	4584	4915	5.93	cps
Sodium	23-2	42728	41066	41107	41634	2.28	cps
Strontium	86-1	59384	58445	59818	59216	1.19	cps
Strontium	88-1	537666	539031	530406	535701	0.87	cps
Sulfur	34-1	56074	55973	55354	55800	0.70	cps
Terbium	159-1	1562699	1562050	1559724	1561491	0.10	cps
Terbium	159-2	1670431	1669558	1667429	1669139	0.09	cps
Thallium	203-1	275	283	367	308	16.44	cps
Thallium	205-1	850	908	942	900	5.16	cps
Tin	118-1	55905	56976	55980	56287	1.06	cps
Titanium	47-1	58918	60023	60125	59688	1.12	cps
Uranium	238-1	5902	6085	5743	5910	2.89	cps
Vanadium	51-2	18756	19139	19096	18997	1.11	cps
Yttrium	89-1	1013716	1004891	1000490	1006366	0.67	cps
Yttrium	89-2	393942	390243	390738	391641	0.51	cps
Zinc	66-2	382920	384771	382714	383468	0.30	cps
Zirconium	90-1	3759	3676	3934	3790	3.48	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-02	Instrumnet Name :	P7
Client Sample ID :	B-38(FILL)_100917D	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:23:35	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	883	808	925	872	6.78	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-01LX5	Instrumnet Name :	P7
Client Sample ID :	B-38(FILL)_100917L	Dilution Factor :	5
Date & Time Acquired ::	2017-10-12 12:27:07	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	82653	81740	83903	82765	1.31	cps
Antimony	121-1	3892	4117	4293	4101	4.89	cps
Arsenic	75-2	326	383	361	357	8.11	cps
Barium	135-1	112698	114143	114874	113905	0.97	cps
Barium	137-1	197071	199893	201432	199465	1.11	cps
Beryllium	9-1	72	161	61	98	55.85	cps
Bismuth	209-1	1271509	1276903	1298568	1282326	1.12	cps
Bismuth	209-2	1368040	1376966	1392082	1379029	0.88	cps
Boron	10-1	242	217	200	219	9.56	cps
Boron	11-1	1125	1308	1158	1197	8.16	cps
Cadmium	111-1	917	920	795	877	8.12	cps
Cadmium	106-1	508	517	467	497	5.39	cps
Cadmium	108-1	38	54	33	42	26.47	cps
Calcium	43-1	25531	25523	26149	25734	1.40	cps
Calcium	44-1	422265	422380	430798	425148	1.15	cps
Chromium	52-2	12646	12452	12566	12554	0.77	cps
Cobalt	59-2	7369	7325	7485	7393	1.12	cps
Copper	63-2	37755	37692	38140	37862	0.64	cps
Dysprosium	156-1	967	867	833	889	7.81	cps
Dysprosium	156-2	973	830	960	921	8.60	cps
Erbium	164-1	1017	917	1000	978	5.48	cps
Erbium	164-2	1023	1053	1190	1089	8.16	cps
Gadolinium	160-1	933	1075	1208	1072	12.83	cps
Gadolinium	160-2	1263	1257	1223	1248	1.72	cps
Holmium	165-1	1561358	1559050	1562043	1560817	0.10	cps
Holmium	165-2	1706385	1718695	1730909	1718663	0.71	cps
Indium	115-1	1162388	1160309	1167795	1163497	0.33	cps
Indium	115-2	584013	591253	590199	588488	0.66	cps
Iron	56-2	4606093	4640900	4669913	4638969	0.69	cps
Iron	57-2	114281	115338	115965	115195	0.74	cps
Lead	206-1	578440	578791	587452	581561	0.88	cps
Lead	207-1	495125	497122	503217	498488	0.85	cps
Lead	208-1	2301889	2302736	2341222	2315282	0.97	cps
Lithium	6-1	361859	358468	362329	360885	0.58	cps
Magnesium	24-2	54960	56223	54977	55387	1.31	cps
Manganese	55-2	76695	76414	75804	76304	0.60	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-01LX5	Instrumnet Name :	P7
Client Sample ID :	B-38(FILL)_100917L	Dilution Factor :	5
Date & Time Acquired ::	2017-10-12 12:27:07	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	525	558	600	561	6.70	cps
Molybdenum	95-1	383	350	308	347	10.82	cps
Molybdenum	96-1	533	542	475	517	7.03	cps
Molybdenum	97-1	258	183	283	242	21.54	cps
Molybdenum	98-1	700	700	675	692	2.09	cps
Neodymium	150-1	1293	1327	1440	1353	5.68	cps
Neodymium	150-2	1153	1457	1313	1308	11.60	cps
Nickel	60-2	2117	2157	2137	2137	0.94	cps
Phosphorus	31-2	375	325	325	342	8.45	cps
Potassium	39-2	20715	21892	20940	21183	2.95	cps
Rhodium	103-1	1109269	1101154	1127492	1112638	1.21	cps
Rhodium	103-2	886417	891542	898750	892236	0.69	cps
Scandium	45-1	625351	626012	637309	629557	1.07	cps
Scandium	45-2	56451	56768	57059	56760	0.54	cps
Selenium	77-2	7	0	7	4	86.60	cps
Selenium	78-2	67	81	56	68	19.15	cps
Selenium	82-1	66	69	56	63	11.18	cps
Silicon	28-1	548557	528881	549460	542299	2.14	cps
Silver	109-1	967	950	1008	975	3.08	cps
Silver	107-1	1108	1133	1008	1083	6.11	cps
Sodium	23-2	16351	16009	16243	16201	1.08	cps
Strontium	86-1	12448	12823	12823	12698	1.71	cps
Strontium	88-1	113550	113844	111669	113021	1.04	cps
Sulfur	34-1	49149	46925	47226	47767	2.53	cps
Terbium	159-1	1577024	1573448	1587231	1579234	0.45	cps
Terbium	159-2	1696709	1699832	1710633	1702391	0.43	cps
Thallium	203-1	67	92	67	75	19.24	cps
Thallium	205-1	300	283	333	306	8.33	cps
Tin	118-1	12381	12323	12222	12309	0.65	cps
Titanium	47-1	11447	12080	14643	12723	13.30	cps
Uranium	238-1	1317	1242	1417	1325	6.63	cps
Vanadium	51-2	3867	4037	4024	3976	2.38	cps
Yttrium	89-1	974450	976465	981251	977389	0.36	cps
Yttrium	89-2	380521	380652	381267	380813	0.10	cps
Zinc	66-2	82806	81854	82642	82434	0.62	cps
Zirconium	90-1	1267	850	967	1028	20.93	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-01LX5	Instrumnet Name :	P7
Client Sample ID :	B-38(FILL)_100917L	Dilution Factor :	5
Date & Time Acquired ::	2017-10-12 12:27:07	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	142	150	117	136	12.75	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-03	Instrumnet Name :	P7
Client Sample ID :	B-38(FILL)_100917S	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:30:40	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	385678	389420	388462	387853	0.50	cps
Antimony	121-1	47222	46821	46470	46838	0.80	cps
Arsenic	75-2	2132	2263	2285	2227	3.73	cps
Barium	135-1	663144	661873	657091	660703	0.48	cps
Barium	137-1	1162011	1150343	1149310	1153888	0.61	cps
Beryllium	9-1	4017	3578	4001	3865	6.44	cps
Bismuth	209-1	1313261	1304062	1297901	1305075	0.59	cps
Bismuth	209-2	1347354	1361343	1343354	1350684	0.70	cps
Boron	10-1	817	883	775	825	6.62	cps
Boron	11-1	4459	4159	3951	4190	6.10	cps
Cadmium	111-1	6078	5817	6074	5990	2.49	cps
Cadmium	106-1	892	1092	900	961	11.77	cps
Cadmium	108-1	438	438	338	404	14.29	cps
Calcium	43-1	117372	118229	117271	117624	0.45	cps
Calcium	44-1	1966324	1953573	1949181	1956359	0.46	cps
Chromium	52-2	77710	79118	79077	78635	1.02	cps
Cobalt	59-2	122973	123776	125377	124042	0.99	cps
Copper	63-2	210760	212385	213203	212116	0.59	cps
Dysprosium	156-1	4234	4401	4017	4218	4.56	cps
Dysprosium	156-2	4501	4417	4527	4482	1.28	cps
Erbium	164-1	4868	4668	4734	4757	2.14	cps
Erbium	164-2	4708	4824	4694	4742	1.51	cps
Gadolinium	160-1	4593	4293	4601	4495	3.91	cps
Gadolinium	160-2	5294	5118	4851	5088	4.39	cps
Holmium	165-1	1607836	1592245	1587187	1595756	0.67	cps
Holmium	165-2	1696440	1696685	1675262	1689462	0.73	cps
Indium	115-1	1164323	1158540	1155190	1159351	0.40	cps
Indium	115-2	579315	581758	576463	579179	0.46	cps
Iron	56-2	21070730	21377157	21378068	21275318	0.83	cps
Iron	57-2	526644	525060	527444	526383	0.23	cps
Lead	206-1	2798516	2775221	2813782	2795840	0.69	cps
Lead	207-1	2404340	2384074	2399895	2396103	0.44	cps
Lead	208-1	11182866	11087805	11131193	11133955	0.43	cps
Lithium	6-1	381466	380598	380455	380840	0.14	cps
Magnesium	24-2	249899	255941	255515	253785	1.33	cps
Manganese	55-2	389928	391218	394440	391862	0.59	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-03	Instrumnet Name :	P7
Client Sample ID :	B-38(FILL)_100917S	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:30:40	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2484	2517	2425	2475	1.87	cps
Molybdenum	95-1	1725	1842	1725	1764	3.82	cps
Molybdenum	96-1	2400	2409	2267	2359	3.37	cps
Molybdenum	97-1	967	1133	1183	1095	10.37	cps
Molybdenum	98-1	2775	2817	2859	2817	1.48	cps
Neodymium	150-1	6502	6235	6608	6448	2.98	cps
Neodymium	150-2	6011	5755	6028	5931	2.58	cps
Nickel	60-2	34003	33842	34631	34159	1.22	cps
Phosphorus	31-2	1383	1417	1608	1470	8.26	cps
Potassium	39-2	61545	61997	60951	61498	0.85	cps
Rhodium	103-1	1115413	1109386	1105641	1110147	0.44	cps
Rhodium	103-2	864236	865906	863793	864645	0.13	cps
Scandium	45-1	632009	642849	634630	636496	0.89	cps
Scandium	45-2	56042	56263	55618	55974	0.59	cps
Selenium	77-2	80	67	73	73	9.09	cps
Selenium	78-2	244	239	209	231	8.19	cps
Selenium	82-1	441	436	452	443	1.84	cps
Silicon	28-1	2339268	2403245	2319089	2353867	1.87	cps
Silver	109-1	20616	20024	19990	20210	1.74	cps
Silver	107-1	20800	20900	20591	20763	0.76	cps
Sodium	23-2	38810	38734	38325	38623	0.68	cps
Strontium	86-1	59884	58187	57726	58599	1.94	cps
Strontium	88-1	532266	527076	523279	527540	0.86	cps
Sulfur	34-1	54501	53631	53196	53776	1.24	cps
Terbium	159-1	1618723	1611771	1601420	1610638	0.54	cps
Terbium	159-2	1672540	1666368	1661818	1666909	0.32	cps
Thallium	203-1	15543	15768	15084	15465	2.25	cps
Thallium	205-1	37178	37847	37245	37423	0.98	cps
Tin	118-1	55352	55896	53812	55020	1.96	cps
Titanium	47-1	57639	55900	58049	57196	2.00	cps
Uranium	238-1	5777	5710	6043	5843	3.02	cps
Vanadium	51-2	63198	63486	62722	63135	0.61	cps
Yttrium	89-1	1027845	1021527	1010253	1019875	0.87	cps
Yttrium	89-2	388293	387135	384519	386649	0.50	cps
Zinc	66-2	380341	384757	384144	383081	0.62	cps
Zirconium	90-1	3776	3793	3876	3815	1.40	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-03	Instrumnet Name :	P7
Client Sample ID :	B-38(FILL)_100917S	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:30:40	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	833	758	742	778	6.28	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-04	Instrumnet Name :	P7
Client Sample ID :	B-38(0-1)_100917	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:34:12	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	337832	335840	335219	336297	0.41	cps
Antimony	121-1	4543	4418	4534	4498	1.55	cps
Arsenic	75-2	761	757	744	754	1.16	cps
Barium	135-1	315577	317968	313330	315625	0.73	cps
Barium	137-1	551063	548685	547232	548993	0.35	cps
Beryllium	9-1	200	183	228	204	11.02	cps
Bismuth	209-1	1261453	1247137	1250794	1253128	0.59	cps
Bismuth	209-2	1304809	1278648	1278124	1287194	1.19	cps
Boron	10-1	1175	1425	1017	1206	17.08	cps
Boron	11-1	5610	5301	5351	5421	3.05	cps
Cadmium	111-1	1803	1704	1555	1687	7.40	cps
Cadmium	106-1	608	442	533	528	15.82	cps
Cadmium	108-1	117	79	146	114	29.34	cps
Calcium	43-1	100759	101658	101951	101456	0.61	cps
Calcium	44-1	1728906	1727652	1705313	1720624	0.77	cps
Chromium	52-2	24982	23966	24023	24324	2.35	cps
Cobalt	59-2	12289	12806	12569	12554	2.06	cps
Copper	63-2	69417	68376	68603	68799	0.80	cps
Dysprosium	156-1	5085	5093	4893	5023	2.25	cps
Dysprosium	156-2	5491	5184	5271	5316	2.98	cps
Erbium	164-1	5501	5952	5818	5757	4.02	cps
Erbium	164-2	5978	5891	5908	5926	0.78	cps
Gadolinium	160-1	5460	5651	5193	5435	4.24	cps
Gadolinium	160-2	5731	5891	5628	5750	2.31	cps
Holmium	165-1	1538224	1532938	1533607	1534923	0.19	cps
Holmium	165-2	1646535	1613152	1623969	1627885	1.05	cps
Indium	115-1	1126360	1115711	1118589	1120220	0.49	cps
Indium	115-2	563160	554902	557755	558606	0.75	cps
Iron	56-2	13995590	13599693	13743172	13779485	1.45	cps
Iron	57-2	343817	334753	338805	339125	1.34	cps
Lead	206-1	1999266	1999404	1986347	1995006	0.38	cps
Lead	207-1	1653125	1654289	1654683	1654032	0.05	cps
Lead	208-1	7803998	7789521	7783451	7792323	0.14	cps
Lithium	6-1	373798	373372	376080	374417	0.39	cps
Magnesium	24-2	328600	324855	317115	323523	1.81	cps
Manganese	55-2	203656	199249	200801	201235	1.11	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-04	Instrumnet Name :	P7
Client Sample ID :	B-38(0-1)_100917	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:34:12	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2009	1792	1792	1864	6.71	cps
Molybdenum	95-1	1017	1008	933	986	4.66	cps
Molybdenum	96-1	1300	1258	1100	1220	8.65	cps
Molybdenum	97-1	700	650	475	608	19.42	cps
Molybdenum	98-1	1325	1675	1500	1500	11.67	cps
Neodymium	150-1	7055	6909	6795	6920	1.89	cps
Neodymium	150-2	6435	6395	6415	6415	0.31	cps
Nickel	60-2	6902	6592	6622	6705	2.55	cps
Phosphorus	31-2	1317	1133	1392	1281	10.38	cps
Potassium	39-2	65964	63754	64432	64717	1.75	cps
Rhodium	103-1	1082168	1064420	1068451	1071680	0.87	cps
Rhodium	103-2	852314	837475	833899	841229	1.16	cps
Scandium	45-1	619955	618094	616429	618159	0.29	cps
Scandium	45-2	55986	54386	53988	54787	1.93	cps
Selenium	77-2	30	23	10	21	48.24	cps
Selenium	78-2	52	65	63	60	11.71	cps
Selenium	82-1	82	91	74	82	10.07	cps
Silicon	28-1	1816674	1821787	1812843	1817101	0.25	cps
Silver	109-1	1717	1859	2000	1859	7.62	cps
Silver	107-1	1950	1950	2225	2042	7.78	cps
Sodium	23-2	58540	57913	57712	58055	0.74	cps
Strontium	86-1	42406	41980	41938	42108	0.61	cps
Strontium	88-1	385379	380709	385059	383715	0.68	cps
Sulfur	34-1	53689	54534	55554	54592	1.71	cps
Terbium	159-1	1552248	1534659	1538749	1541885	0.60	cps
Terbium	159-2	1628306	1594258	1603652	1608738	1.09	cps
Thallium	203-1	250	142	150	181	33.39	cps
Thallium	205-1	492	525	458	492	6.78	cps
Tin	118-1	262519	262458	261586	262188	0.20	cps
Titanium	47-1	68268	69447	67304	68340	1.57	cps
Uranium	238-1	5460	5652	5351	5488	2.77	cps
Vanadium	51-2	17624	17874	17584	17694	0.89	cps
Yttrium	89-1	1006349	996672	1001002	1001341	0.48	cps
Yttrium	89-2	389105	379523	378461	382363	1.53	cps
Zinc	66-2	140885	137918	139865	139556	1.08	cps
Zirconium	90-1	3534	3476	3717	3576	3.53	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-04	Instrumnet Name :	P7
Client Sample ID :	B-38(0-1)_100917	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:34:12	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	725	875	775	792	9.65	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-05	Instrumnet Name :	P7
Client Sample ID :	B-38(1-3)_100917	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:37:45	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	457789	447712	446609	450704	1.37	cps
Antimony	121-1	617	608	742	656	11.39	cps
Arsenic	75-2	491	437	507	478	7.69	cps
Barium	135-1	32214	31244	30793	31417	2.31	cps
Barium	137-1	56466	54516	55948	55643	1.81	cps
Beryllium	9-1	239	322	311	291	15.56	cps
Bismuth	209-1	1234622	1230789	1232647	1232686	0.16	cps
Bismuth	209-2	1273717	1276442	1275246	1275135	0.11	cps
Boron	10-1	242	267	208	239	12.25	cps
Boron	11-1	1358	1417	1342	1372	2.87	cps
Cadmium	111-1	369	360	357	362	1.72	cps
Cadmium	106-1	425	408	400	411	3.10	cps
Cadmium	108-1	17	13	21	17	24.99	cps
Calcium	43-1	66166	64559	66150	65625	1.41	cps
Calcium	44-1	1091994	1092093	1077904	1087330	0.75	cps
Chromium	52-2	11815	11691	11982	11829	1.23	cps
Cobalt	59-2	10187	10290	10247	10241	0.51	cps
Copper	63-2	29062	28839	28558	28820	0.88	cps
Dysprosium	156-1	5710	5710	5618	5679	0.93	cps
Dysprosium	156-2	5608	5821	5598	5676	2.22	cps
Erbium	164-1	5560	5760	5551	5624	2.10	cps
Erbium	164-2	5795	5648	5781	5741	1.41	cps
Gadolinium	160-1	6135	5710	5610	5818	4.79	cps
Gadolinium	160-2	6128	6295	6482	6302	2.81	cps
Holmium	165-1	1520528	1506736	1511280	1512848	0.46	cps
Holmium	165-2	1612282	1606718	1600966	1606655	0.35	cps
Indium	115-1	1127263	1121415	1104141	1117606	1.08	cps
Indium	115-2	561561	559027	559216	559934	0.25	cps
Iron	56-2	11656304	11617219	11687840	11653788	0.30	cps
Iron	57-2	290225	287406	288336	288656	0.50	cps
Lead	206-1	61593	61777	61609	61659	0.17	cps
Lead	207-1	51913	51210	53084	52069	1.82	cps
Lead	208-1	244927	242092	245168	244063	0.70	cps
Lithium	6-1	374770	376439	374562	375257	0.27	cps
Magnesium	24-2	181755	178855	182531	181047	1.07	cps
Manganese	55-2	142061	139736	141301	141032	0.84	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-05	Instrumnet Name :	P7
Client Sample ID :	B-38(1-3)_100917	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:37:45	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1867	2034	1959	1953	4.28	cps
Molybdenum	95-1	508	425	617	517	18.60	cps
Molybdenum	96-1	850	775	750	792	6.57	cps
Molybdenum	97-1	317	258	225	267	17.40	cps
Molybdenum	98-1	733	717	842	764	8.88	cps
Neodymium	150-1	8029	7609	7476	7705	3.75	cps
Neodymium	150-2	7305	7342	7242	7296	0.69	cps
Nickel	60-2	5311	5121	4984	5139	3.19	cps
Phosphorus	31-2	1050	1025	1192	1089	8.25	cps
Potassium	39-2	58918	58943	60616	59492	1.64	cps
Rhodium	103-1	1065094	1059020	1056596	1060237	0.41	cps
Rhodium	103-2	842407	830051	835616	836024	0.74	cps
Scandium	45-1	620578	619275	614019	617957	0.56	cps
Scandium	45-2	54500	55939	54584	55008	1.47	cps
Selenium	77-2	20	33	20	24	31.49	cps
Selenium	78-2	57	52	81	64	24.77	cps
Selenium	82-1	80	91	88	86	6.93	cps
Silicon	28-1	2816162	2763858	2752343	2777454	1.22	cps
Silver	109-1	475	450	408	444	7.58	cps
Silver	107-1	425	525	533	494	12.19	cps
Sodium	23-2	32486	31910	31258	31885	1.93	cps
Strontium	86-1	18571	19756	19656	19328	3.40	cps
Strontium	88-1	176197	176834	175584	176205	0.35	cps
Sulfur	34-1	50879	50412	48522	49938	2.50	cps
Terbium	159-1	1525834	1534433	1514664	1524977	0.65	cps
Terbium	159-2	1595122	1586850	1595551	1592508	0.31	cps
Thallium	203-1	225	133	158	172	27.51	cps
Thallium	205-1	475	508	492	492	3.39	cps
Tin	118-1	4751	4834	4501	4695	3.70	cps
Titanium	47-1	70193	68711	69665	69523	1.08	cps
Uranium	238-1	7094	6986	6886	6988	1.49	cps
Vanadium	51-2	14981	15475	15181	15213	1.63	cps
Yttrium	89-1	985437	983230	975026	981231	0.56	cps
Yttrium	89-2	376891	377135	376955	376994	0.03	cps
Zinc	66-2	10104	9917	9713	9911	1.97	cps
Zirconium	90-1	4434	4484	4209	4376	3.35	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-05	Instrumnet Name :	P7
Client Sample ID :	B-38(1-3)_100917	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:37:45	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1142	1200	1167	1170	2.50	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-06	Instrumnet Name :	P7
Client Sample ID :	B-8(5-6.25)_101017	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:41:16	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	355290	361414	358584	358429	0.86	cps
Antimony	121-1	1242	1250	1433	1308	8.28	cps
Arsenic	75-2	363	333	394	364	8.41	cps
Barium	135-1	45677	46839	47407	46641	1.89	cps
Barium	137-1	81289	80971	80669	80976	0.38	cps
Beryllium	9-1	322	322	317	320	1.00	cps
Bismuth	209-1	1235437	1236548	1227219	1233068	0.41	cps
Bismuth	209-2	1278265	1281571	1293166	1284334	0.61	cps
Boron	10-1	658	775	717	717	8.14	cps
Boron	11-1	3250	3234	3217	3234	0.52	cps
Cadmium	111-1	343	409	465	406	14.96	cps
Cadmium	106-1	308	417	550	425	28.48	cps
Cadmium	108-1	8	29	29	22	54.14	cps
Calcium	43-1	250773	248210	252508	250497	0.86	cps
Calcium	44-1	4204099	4158401	4160171	4174224	0.62	cps
Chromium	52-2	15028	14494	14190	14571	2.91	cps
Cobalt	59-2	10991	11284	11151	11142	1.32	cps
Copper	63-2	53431	54093	53812	53779	0.62	cps
Dysprosium	156-1	8336	8570	8220	8375	2.13	cps
Dysprosium	156-2	8660	9023	9056	8913	2.47	cps
Erbium	164-1	8295	8503	8712	8503	2.45	cps
Erbium	164-2	9100	9023	9030	9051	0.47	cps
Gadolinium	160-1	8762	9162	8670	8864	2.95	cps
Gadolinium	160-2	9890	10137	9967	9998	1.26	cps
Holmium	165-1	1523511	1506106	1502816	1510811	0.74	cps
Holmium	165-2	1629891	1631607	1637220	1632906	0.23	cps
Indium	115-1	1116238	1116865	1110667	1114590	0.31	cps
Indium	115-2	562592	568756	566168	565839	0.55	cps
Iron	56-2	11857736	12000730	11820173	11892880	0.80	cps
Iron	57-2	292195	294613	288195	291667	1.11	cps
Lead	206-1	178905	178804	176651	178120	0.71	cps
Lead	207-1	151551	149220	149746	150172	0.81	cps
Lead	208-1	710841	702902	700864	704869	0.75	cps
Lithium	6-1	375536	375279	377239	376018	0.28	cps
Magnesium	24-2	282030	280963	287134	283376	1.16	cps
Manganese	55-2	329515	331111	330036	330221	0.25	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-06	Instrumnet Name :	P7
Client Sample ID :	B-8(5-6.25)_101017	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:41:16	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1242	1333	1292	1289	3.56	cps
Molybdenum	95-1	617	550	717	628	13.36	cps
Molybdenum	96-1	800	833	750	795	5.28	cps
Molybdenum	97-1	342	417	350	369	11.13	cps
Molybdenum	98-1	1075	975	1200	1083	10.41	cps
Neodymium	150-1	11258	11639	11665	11521	1.98	cps
Neodymium	150-2	10921	10874	11191	10996	1.56	cps
Nickel	60-2	6972	6665	6905	6847	2.36	cps
Phosphorus	31-2	1492	1467	1625	1528	5.57	cps
Potassium	39-2	72218	71958	73743	72640	1.33	cps
Rhodium	103-1	1057897	1048442	1053027	1053122	0.45	cps
Rhodium	103-2	840852	842939	833904	839232	0.56	cps
Scandium	45-1	614885	621651	610545	615694	0.91	cps
Scandium	45-2	56527	55925	55671	56041	0.78	cps
Selenium	77-2	20	33	40	31	32.73	cps
Selenium	78-2	72	87	80	80	9.31	cps
Selenium	82-1	87	100	78	89	12.60	cps
Silicon	28-1	1019645	993108	964498	992417	2.78	cps
Silver	109-1	1042	1058	967	1022	4.78	cps
Silver	107-1	950	1133	1158	1081	10.53	cps
Sodium	23-2	33087	35017	32862	33655	3.52	cps
Strontium	86-1	23495	23086	24004	23529	1.95	cps
Strontium	88-1	209959	209952	207653	209188	0.64	cps
Sulfur	34-1	45814	47000	48622	47145	2.99	cps
Terbium	159-1	1542713	1530231	1523400	1532115	0.64	cps
Terbium	159-2	1612455	1622745	1611284	1615495	0.39	cps
Thallium	203-1	192	242	250	228	13.85	cps
Thallium	205-1	450	525	433	469	10.40	cps
Tin	118-1	4334	4034	4284	4217	3.81	cps
Titanium	47-1	36521	35461	36246	36076	1.53	cps
Uranium	238-1	5410	5485	5727	5540	2.99	cps
Vanadium	51-2	13997	14277	13980	14085	1.18	cps
Yttrium	89-1	1021776	1005758	1005449	1010995	0.92	cps
Yttrium	89-2	395365	396162	395650	395726	0.10	cps
Zinc	66-2	17351	17210	17000	17187	1.03	cps
Zirconium	90-1	2259	2534	2500	2431	6.18	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-06	Instrumnet Name :	P7
Client Sample ID :	B-8(5-6.25)_101017	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:41:16	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	492	508	450	483	6.22	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-07	Instrumnet Name :	P7
Client Sample ID :	B-8(1.5-2.5)_101017	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:44:46	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	422087	419975	419176	420413	0.36	cps
Antimony	121-1	2475	2200	2384	2353	5.95	cps
Arsenic	75-2	554	570	537	554	3.01	cps
Barium	135-1	38814	36466	37285	37521	3.18	cps
Barium	137-1	66276	65456	66101	65944	0.66	cps
Beryllium	9-1	256	311	283	283	9.80	cps
Bismuth	209-1	1235452	1229635	1229893	1231660	0.27	cps
Bismuth	209-2	1273322	1272720	1274691	1273578	0.08	cps
Boron	10-1	642	708	592	647	9.04	cps
Boron	11-1	3159	3359	3259	3259	3.07	cps
Cadmium	111-1	1337	1292	1037	1222	13.26	cps
Cadmium	106-1	525	725	508	586	20.57	cps
Cadmium	108-1	121	129	117	122	5.21	cps
Calcium	43-1	33815	33497	32144	33152	2.68	cps
Calcium	44-1	547729	543917	545583	545743	0.35	cps
Chromium	52-2	14914	14828	15028	14923	0.67	cps
Cobalt	59-2	11695	11925	11788	11803	0.98	cps
Copper	63-2	75711	75450	74894	75352	0.55	cps
Dysprosium	156-1	6443	6410	6160	6338	2.44	cps
Dysprosium	156-2	6552	6825	6625	6667	2.12	cps
Erbium	164-1	5918	5718	6577	6071	7.40	cps
Erbium	164-2	6665	6288	6558	6504	2.99	cps
Gadolinium	160-1	6410	5985	6435	6277	4.03	cps
Gadolinium	160-2	7105	6899	6925	6976	1.61	cps
Holmium	165-1	1497757	1495625	1493784	1495722	0.13	cps
Holmium	165-2	1608468	1598516	1607033	1604672	0.34	cps
Indium	115-1	1108835	1110368	1096954	1105386	0.66	cps
Indium	115-2	560606	553533	552360	555500	0.80	cps
Iron	56-2	13925541	13755286	13824694	13835174	0.62	cps
Iron	57-2	341192	338440	340304	339979	0.41	cps
Lead	206-1	238977	234460	234943	236127	1.05	cps
Lead	207-1	198574	199240	201669	199827	0.82	cps
Lead	208-1	935255	924423	932812	930830	0.61	cps
Lithium	6-1	374979	372912	373602	373831	0.28	cps
Magnesium	24-2	203775	204747	201858	203460	0.72	cps
Manganese	55-2	407455	404760	404544	405586	0.40	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-07	Instrumnet Name :	P7
Client Sample ID :	B-8(1.5-2.5)_101017	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:44:46	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1117	1258	1158	1178	6.18	cps
Molybdenum	95-1	833	750	900	828	9.08	cps
Molybdenum	96-1	1083	1050	1042	1058	2.08	cps
Molybdenum	97-1	392	508	517	472	14.80	cps
Molybdenum	98-1	1142	1150	1267	1186	5.89	cps
Neodymium	150-1	9911	10237	9997	10048	1.69	cps
Neodymium	150-2	9634	9413	9427	9491	1.30	cps
Nickel	60-2	6005	5938	5815	5919	1.63	cps
Phosphorus	31-2	1242	1333	1492	1356	9.33	cps
Potassium	39-2	38877	39270	39337	39161	0.63	cps
Rhodium	103-1	1060084	1065204	1046972	1057420	0.89	cps
Rhodium	103-2	836399	832419	831343	833387	0.32	cps
Scandium	45-1	609024	610327	601283	606878	0.81	cps
Scandium	45-2	54972	54895	54560	54809	0.40	cps
Selenium	77-2	30	37	23	30	22.23	cps
Selenium	78-2	54	44	63	54	17.24	cps
Selenium	82-1	72	104	57	78	30.89	cps
Silicon	28-1	1022215	1012038	1019694	1017983	0.52	cps
Silver	109-1	1417	1734	1675	1608	10.48	cps
Silver	107-1	1875	1517	1650	1681	10.78	cps
Sodium	23-2	24379	22943	23736	23686	3.04	cps
Strontium	86-1	17537	18287	18471	18098	2.74	cps
Strontium	88-1	162154	160451	161348	161318	0.53	cps
Sulfur	34-1	46900	46423	44985	46103	2.16	cps
Terbium	159-1	1519529	1521724	1509635	1516962	0.42	cps
Terbium	159-2	1590682	1583653	1588681	1587672	0.23	cps
Thallium	203-1	208	158	283	217	29.04	cps
Thallium	205-1	442	542	458	481	11.15	cps
Tin	118-1	7711	7703	7202	7538	3.86	cps
Titanium	47-1	42512	43732	43482	43242	1.49	cps
Uranium	238-1	6877	7094	6594	6855	3.66	cps
Vanadium	51-2	15181	14978	15568	15243	1.97	cps
Yttrium	89-1	990773	985975	983474	986741	0.38	cps
Yttrium	89-2	379542	377585	380389	379172	0.38	cps
Zinc	66-2	42305	41161	41138	41535	1.61	cps
Zirconium	90-1	2334	2092	1834	2086	11.99	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-07	Instrumnet Name :	P7
Client Sample ID :	B-8(1.5-2.5)_101017	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:44:46	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	408	375	450	411	9.14	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-08	Instrumnet Name :	P7
Client Sample ID :	B-7(0.5-1.5)_101017	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:48:17	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	334254	338207	338887	337116	0.74	cps
Antimony	121-1	5185	5360	4968	5171	3.80	cps
Arsenic	75-2	930	950	963	948	1.77	cps
Barium	135-1	310599	302774	302704	305359	1.49	cps
Barium	137-1	540023	525258	526299	530527	1.55	cps
Beryllium	9-1	383	383	378	381	0.84	cps
Bismuth	209-1	1189137	1205423	1193040	1195867	0.71	cps
Bismuth	209-2	1252736	1258343	1258517	1256532	0.26	cps
Boron	10-1	350	375	350	358	4.03	cps
Boron	11-1	1450	1358	1592	1467	8.02	cps
Cadmium	111-1	842	865	884	864	2.42	cps
Cadmium	106-1	417	508	467	464	9.89	cps
Cadmium	108-1	71	46	79	65	26.58	cps
Calcium	43-1	20240	19839	19455	19845	1.98	cps
Calcium	44-1	338859	330315	330638	333271	1.45	cps
Chromium	52-2	24648	24217	24287	24384	0.95	cps
Cobalt	59-2	11141	11321	11278	11247	0.84	cps
Copper	63-2	67525	69380	67696	68200	1.50	cps
Dysprosium	156-1	6585	7277	6677	6846	5.49	cps
Dysprosium	156-2	7152	7259	7125	7179	0.98	cps
Erbium	164-1	6685	6610	6327	6541	2.89	cps
Erbium	164-2	6595	6542	6728	6622	1.45	cps
Gadolinium	160-1	7619	7035	7119	7258	4.35	cps
Gadolinium	160-2	8089	7932	7712	7911	2.39	cps
Holmium	165-1	1457536	1464317	1464122	1461992	0.26	cps
Holmium	165-2	1575394	1587043	1583818	1582085	0.38	cps
Indium	115-1	1076882	1089467	1077126	1081158	0.67	cps
Indium	115-2	545927	549296	549011	548078	0.34	cps
Iron	56-2	13105790	13047527	13175509	13109609	0.49	cps
Iron	57-2	319615	323298	323074	321995	0.64	cps
Lead	206-1	1125611	1102265	1099519	1109132	1.29	cps
Lead	207-1	929103	912788	907238	916376	1.24	cps
Lead	208-1	4396083	4306509	4287427	4330007	1.34	cps
Lithium	6-1	375241	377981	378740	377321	0.49	cps
Magnesium	24-2	218013	218936	220112	219020	0.48	cps
Manganese	55-2	542935	545629	546060	544875	0.31	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-08	Instrumnet Name :	P7
Client Sample ID :	B-7(0.5-1.5)_101017	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:48:17	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	850	783	908	847	7.38	cps
Molybdenum	95-1	925	925	800	883	8.17	cps
Molybdenum	96-1	950	1017	1050	1006	5.06	cps
Molybdenum	97-1	658	633	575	622	6.87	cps
Molybdenum	98-1	1283	1275	1192	1250	4.06	cps
Neodymium	150-1	10398	9557	9424	9793	5.39	cps
Neodymium	150-2	9230	9140	9457	9275	1.76	cps
Nickel	60-2	6465	6131	6025	6207	3.70	cps
Phosphorus	31-2	1742	1900	2025	1889	7.52	cps
Potassium	39-2	93060	93235	94845	93713	1.05	cps
Rhodium	103-1	1022804	1038179	1028745	1029909	0.75	cps
Rhodium	103-2	824478	826157	817887	822841	0.53	cps
Scandium	45-1	592621	600649	596145	596471	0.67	cps
Scandium	45-2	54584	54490	54567	54547	0.09	cps
Selenium	77-2	50	43	53	49	10.42	cps
Selenium	78-2	74	96	91	87	13.29	cps
Selenium	82-1	77	71	79	76	5.23	cps
Silicon	28-1	898513	858880	878544	878646	2.26	cps
Silver	109-1	1217	1542	1467	1408	12.08	cps
Silver	107-1	1375	1350	1600	1442	9.55	cps
Sodium	23-2	24496	25072	23870	24479	2.46	cps
Strontium	86-1	15851	15668	15693	15737	0.63	cps
Strontium	88-1	138982	136972	135220	137058	1.37	cps
Sulfur	34-1	45287	45755	43982	45008	2.04	cps
Terbium	159-1	1458212	1486285	1475867	1473455	0.96	cps
Terbium	159-2	1562841	1574336	1575273	1570816	0.44	cps
Thallium	203-1	550	358	317	408	30.47	cps
Thallium	205-1	800	858	917	858	6.80	cps
Tin	118-1	16335	16636	15251	16074	4.53	cps
Titanium	47-1	40198	37833	39154	39061	3.03	cps
Uranium	238-1	6335	6419	5710	6155	6.29	cps
Vanadium	51-2	14681	14614	15298	14864	2.54	cps
Yttrium	89-1	955076	957627	955555	956086	0.14	cps
Yttrium	89-2	375401	377397	373791	375530	0.48	cps
Zinc	66-2	83765	84073	84516	84118	0.45	cps
Zirconium	90-1	1017	917	875	936	7.78	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-08	Instrumnet Name :	P7
Client Sample ID :	B-7(0.5-1.5)_101017	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:48:17	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	183	192	242	206	15.35	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-09	Instrumnet Name :	P7
Client Sample ID :	B-7(5-6)_101017	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:51:48	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	270685	274108	268828	271207	0.99	cps
Antimony	121-1	1642	1567	1650	1620	2.83	cps
Arsenic	75-2	1020	987	1069	1025	4.00	cps
Barium	135-1	37092	37301	36499	36964	1.13	cps
Barium	137-1	64911	65782	66712	65802	1.37	cps
Beryllium	9-1	306	233	256	265	13.97	cps
Bismuth	209-1	1207934	1198466	1200530	1202310	0.41	cps
Bismuth	209-2	1242741	1246352	1253390	1247494	0.43	cps
Boron	10-1	258	367	317	314	17.27	cps
Boron	11-1	1200	1350	1458	1336	9.71	cps
Cadmium	111-1	491	343	396	410	18.27	cps
Cadmium	106-1	508	375	400	428	16.57	cps
Cadmium	108-1	21	33	13	22	47.18	cps
Calcium	43-1	17102	17419	18087	17536	2.87	cps
Calcium	44-1	283443	285277	287645	285455	0.74	cps
Chromium	52-2	13396	13787	13990	13724	2.20	cps
Cobalt	59-2	9203	9480	9333	9339	1.48	cps
Copper	63-2	47343	48035	48520	47966	1.23	cps
Dysprosium	156-1	5643	5360	5476	5493	2.59	cps
Dysprosium	156-2	5655	5835	5751	5747	1.57	cps
Erbium	164-1	5243	5501	5435	5393	2.49	cps
Erbium	164-2	5715	5455	5741	5637	2.81	cps
Gadolinium	160-1	5760	6160	5801	5907	3.72	cps
Gadolinium	160-2	6722	6445	6708	6625	2.36	cps
Holmium	165-1	1458835	1449785	1444000	1450874	0.52	cps
Holmium	165-2	1564813	1571525	1569283	1568540	0.22	cps
Indium	115-1	1075423	1065517	1071356	1070765	0.47	cps
Indium	115-2	540919	545852	547252	544674	0.61	cps
Iron	56-2	19536504	19617764	19532637	19562302	0.25	cps
Iron	57-2	479992	486116	478079	481396	0.87	cps
Lead	206-1	79068	75436	76777	77094	2.38	cps
Lead	207-1	65601	63943	64663	64735	1.28	cps
Lead	208-1	308379	301259	303631	304423	1.19	cps
Lithium	6-1	382024	382649	383467	382713	0.19	cps
Magnesium	24-2	127933	130228	128858	129006	0.89	cps
Manganese	55-2	362710	364913	363310	363644	0.31	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-09	Instrumnet Name :	P7
Client Sample ID :	B-7(5-6)_101017	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:51:48	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2684	2500	2517	2567	3.95	cps
Molybdenum	95-1	1383	1458	1275	1372	6.72	cps
Molybdenum	96-1	1892	2000	1834	1909	4.43	cps
Molybdenum	97-1	958	950	1125	1011	9.76	cps
Molybdenum	98-1	2417	2492	2559	2489	2.85	cps
Neodymium	150-1	7629	8176	7729	7845	3.71	cps
Neodymium	150-2	7679	7485	7539	7568	1.32	cps
Nickel	60-2	5708	5871	5898	5826	1.77	cps
Phosphorus	31-2	1075	983	1092	1050	5.56	cps
Potassium	39-2	61738	62993	61295	62008	1.42	cps
Rhodium	103-1	1021854	1010048	1026416	1019439	0.83	cps
Rhodium	103-2	819252	818902	820711	819621	0.12	cps
Scandium	45-1	594561	587274	594852	592229	0.72	cps
Scandium	45-2	53215	54263	54661	54046	1.38	cps
Selenium	77-2	17	23	13	18	28.64	cps
Selenium	78-2	80	57	83	73	19.09	cps
Selenium	82-1	72	94	91	86	13.94	cps
Silicon	28-1	1244884	1222223	1236928	1234678	0.93	cps
Silver	109-1	492	583	675	583	15.72	cps
Silver	107-1	483	408	400	431	10.66	cps
Sodium	23-2	20106	20673	20056	20278	1.69	cps
Strontium	86-1	11347	11096	11272	11238	1.14	cps
Strontium	88-1	101755	99715	103005	101492	1.64	cps
Sulfur	34-1	43206	42620	42295	42707	1.08	cps
Terbium	159-1	1473898	1455115	1465981	1464998	0.64	cps
Terbium	159-2	1545082	1567051	1568384	1560172	0.84	cps
Thallium	203-1	258	300	267	275	8.02	cps
Thallium	205-1	892	692	750	778	13.22	cps
Tin	118-1	3126	3159	3284	3189	2.62	cps
Titanium	47-1	39270	39714	38008	38997	2.27	cps
Uranium	238-1	4876	4993	4493	4787	5.47	cps
Vanadium	51-2	12102	12322	11965	12130	1.48	cps
Yttrium	89-1	949687	935442	943240	942789	0.76	cps
Yttrium	89-2	363261	367721	367779	366253	0.71	cps
Zinc	66-2	26728	27125	26554	26803	1.09	cps
Zirconium	90-1	4768	4684	4618	4690	1.60	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-09	Instrumnet Name :	P7
Client Sample ID :	B-7(5-6)_101017	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:51:48	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	883	1075	1233	1064	16.47	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-10	Instrumnet Name :	P7
Client Sample ID :	DUP-4	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:55:20	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	366362	365766	361722	364617	0.69	cps
Antimony	121-1	4893	4959	4834	4896	1.28	cps
Arsenic	75-2	763	832	715	770	7.62	cps
Barium	135-1	354435	350738	354668	353280	0.62	cps
Barium	137-1	620026	618534	625590	621383	0.60	cps
Beryllium	9-1	106	272	250	209	43.24	cps
Bismuth	209-1	1253349	1256886	1262737	1257657	0.38	cps
Bismuth	209-2	1288901	1295384	1297045	1293777	0.33	cps
Boron	10-1	1600	1825	1759	1728	6.69	cps
Boron	11-1	8036	8261	8378	8225	2.11	cps
Cadmium	111-1	1593	1703	1587	1627	4.00	cps
Cadmium	106-1	492	558	483	511	8.04	cps
Cadmium	108-1	92	108	79	93	15.73	cps
Calcium	43-1	112098	113072	113282	112817	0.56	cps
Calcium	44-1	1892230	1887802	1884022	1888018	0.22	cps
Chromium	52-2	28922	28909	28925	28919	0.03	cps
Cobalt	59-2	18325	18308	18412	18348	0.30	cps
Copper	63-2	78077	78694	78455	78409	0.40	cps
Dysprosium	156-1	4251	4343	4109	4234	2.78	cps
Dysprosium	156-2	4544	4227	4354	4375	3.64	cps
Erbium	164-1	4301	4276	4293	4290	0.30	cps
Erbium	164-2	4431	4527	4661	4540	2.54	cps
Gadolinium	160-1	4301	4101	4059	4154	3.11	cps
Gadolinium	160-2	4584	4818	4788	4730	2.68	cps
Holmium	165-1	1514965	1521896	1525409	1520757	0.35	cps
Holmium	165-2	1626733	1634648	1634021	1631800	0.27	cps
Indium	115-1	1105493	1095819	1115577	1105630	0.89	cps
Indium	115-2	547442	550363	550451	549419	0.31	cps
Iron	56-2	16063181	16119730	16278966	16153959	0.69	cps
Iron	57-2	396478	396451	397344	396758	0.13	cps
Lead	206-1	2200269	2214346	2229623	2214746	0.66	cps
Lead	207-1	1854463	1836500	1861224	1850729	0.69	cps
Lead	208-1	8658007	8666633	8725655	8683432	0.42	cps
Lithium	6-1	382795	386845	386516	385386	0.58	cps
Magnesium	24-2	411476	413466	411637	412193	0.27	cps
Manganese	55-2	438083	440969	438638	439230	0.35	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-10	Instrumnet Name :	P7
Client Sample ID :	DUP-4	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:55:20	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2092	2567	2592	2417	11.66	cps
Molybdenum	95-1	1317	1183	1308	1270	5.88	cps
Molybdenum	96-1	1875	1692	1692	1753	6.04	cps
Molybdenum	97-1	1008	758	792	853	15.92	cps
Molybdenum	98-1	2400	2417	2125	2314	7.08	cps
Neodymium	150-1	6048	5881	6428	6119	4.58	cps
Neodymium	150-2	5535	5338	5728	5533	3.53	cps
Nickel	60-2	7665	7946	7705	7772	1.95	cps
Phosphorus	31-2	1225	1117	1233	1192	5.46	cps
Potassium	39-2	63980	66725	64826	65177	2.16	cps
Rhodium	103-1	1049961	1048321	1059932	1052738	0.60	cps
Rhodium	103-2	831778	838500	838032	836103	0.45	cps
Scandium	45-1	606190	605804	612927	608307	0.66	cps
Scandium	45-2	54487	54252	54376	54372	0.22	cps
Selenium	77-2	3	30	17	17	80.01	cps
Selenium	78-2	56	76	54	62	19.98	cps
Selenium	82-1	81	72	74	76	6.27	cps
Silicon	28-1	2740479	2749619	2729353	2739817	0.37	cps
Silver	109-1	1433	1425	1558	1472	5.07	cps
Silver	107-1	1584	1450	1583	1539	5.00	cps
Sodium	23-2	61167	62414	60549	61377	1.55	cps
Strontium	86-1	45841	47672	45825	46446	2.29	cps
Strontium	88-1	418406	416993	418025	417808	0.18	cps
Sulfur	34-1	51390	52377	52803	52190	1.39	cps
Terbium	159-1	1534241	1543232	1556952	1544808	0.74	cps
Terbium	159-2	1609729	1621815	1618159	1616568	0.38	cps
Thallium	203-1	142	125	108	125	13.33	cps
Thallium	205-1	492	542	508	514	4.96	cps
Tin	118-1	151639	150747	154519	152301	1.29	cps
Titanium	47-1	73458	74891	74657	74335	1.03	cps
Uranium	238-1	5010	4926	5143	5026	2.18	cps
Vanadium	51-2	21109	22120	22073	21767	2.62	cps
Yttrium	89-1	971454	970293	981377	974375	0.63	cps
Yttrium	89-2	368761	372325	369896	370327	0.49	cps
Zinc	66-2	154564	156883	156437	155961	0.79	cps
Zirconium	90-1	4109	3809	3984	3967	3.80	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-10	Instrumnet Name :	P7
Client Sample ID :	DUP-4	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:55:20	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1042	1042	883	989	9.24	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-11	Instrumnet Name :	P7
Client Sample ID :	B-66(1.5-2.5)_101017	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:58:50	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	450274	450224	451117	450538	0.11	cps
Antimony	121-1	7035	6318	5960	6438	8.51	cps
Arsenic	75-2	856	802	898	852	5.66	cps
Barium	135-1	241703	239955	241916	241191	0.45	cps
Barium	137-1	420379	420440	425417	422079	0.69	cps
Beryllium	9-1	278	328	261	289	12.01	cps
Bismuth	209-1	1309604	1303251	1318620	1310491	0.59	cps
Bismuth	209-2	1334332	1353698	1359335	1349122	0.97	cps
Boron	10-1	1517	1558	1517	1531	1.57	cps
Boron	11-1	6610	7102	7202	6971	4.55	cps
Cadmium	111-1	999	997	918	971	4.76	cps
Cadmium	106-1	533	567	600	567	5.88	cps
Cadmium	108-1	71	71	21	54	53.30	cps
Calcium	43-1	256325	252100	254160	254195	0.83	cps
Calcium	44-1	4200908	4197592	4228409	4208969	0.40	cps
Chromium	52-2	45510	46032	45891	45811	0.59	cps
Cobalt	59-2	13273	13186	14054	13504	3.54	cps
Copper	63-2	97157	99304	98103	98188	1.10	cps
Dysprosium	156-1	5635	5460	5635	5576	1.81	cps
Dysprosium	156-2	5705	5888	5535	5709	3.10	cps
Erbium	164-1	6802	5918	6093	6271	7.46	cps
Erbium	164-2	6185	6508	6588	6427	3.32	cps
Gadolinium	160-1	5601	5785	5843	5743	2.20	cps
Gadolinium	160-2	6312	6425	6232	6323	1.54	cps
Holmium	165-1	1588056	1576336	1600226	1588206	0.75	cps
Holmium	165-2	1688881	1721304	1716052	1708746	1.02	cps
Indium	115-1	1137986	1125170	1140235	1134463	0.72	cps
Indium	115-2	557492	565647	561921	561687	0.73	cps
Iron	56-2	16739609	16842094	16939529	16840411	0.59	cps
Iron	57-2	417529	412521	415761	415270	0.61	cps
Lead	206-1	1641168	1645166	1658014	1648116	0.53	cps
Lead	207-1	1400697	1399724	1411558	1403993	0.47	cps
Lead	208-1	6507452	6497338	6566992	6523927	0.58	cps
Lithium	6-1	380263	375691	379687	378547	0.66	cps
Magnesium	24-2	325948	323848	323814	324537	0.38	cps
Manganese	55-2	180461	180610	180334	180468	0.08	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-11	Instrumnet Name :	P7
Client Sample ID :	B-66(1.5-2.5)_101017	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:58:50	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6635	7069	7160	6955	4.03	cps
Molybdenum	95-1	1150	1475	1267	1297	12.69	cps
Molybdenum	96-1	2250	2542	2250	2348	7.17	cps
Molybdenum	97-1	825	842	733	800	7.29	cps
Molybdenum	98-1	2284	2184	2292	2253	2.68	cps
Neodymium	150-1	7569	8143	7903	7871	3.66	cps
Neodymium	150-2	6882	6972	7029	6961	1.06	cps
Nickel	60-2	10754	10641	10774	10723	0.67	cps
Phosphorus	31-2	2217	2317	2425	2320	4.49	cps
Potassium	39-2	68065	67756	66424	67415	1.29	cps
Rhodium	103-1	1079738	1082182	1086925	1082948	0.34	cps
Rhodium	103-2	853272	859167	854957	855799	0.35	cps
Scandium	45-1	623390	619283	623910	622194	0.41	cps
Scandium	45-2	54316	54423	54932	54557	0.60	cps
Selenium	77-2	13	17	17	16	12.40	cps
Selenium	78-2	78	67	69	71	8.39	cps
Selenium	82-1	84	71	81	79	8.73	cps
Silicon	28-1	16830669	16726949	16724934	16760851	0.36	cps
Silver	109-1	2000	1725	1942	1889	7.67	cps
Silver	107-1	1975	1967	1975	1972	0.24	cps
Sodium	23-2	85871	83072	84873	84605	1.68	cps
Strontium	86-1	140158	138885	142147	140397	1.17	cps
Strontium	88-1	1285121	1266832	1274678	1275544	0.72	cps
Sulfur	34-1	49090	49893	49408	49464	0.82	cps
Terbium	159-1	1599115	1589602	1615481	1601399	0.82	cps
Terbium	159-2	1668465	1688203	1682174	1679614	0.60	cps
Thallium	203-1	292	233	208	244	17.50	cps
Thallium	205-1	450	625	658	578	19.37	cps
Tin	118-1	12748	11830	12214	12264	3.76	cps
Titanium	47-1	99788	100349	99426	99854	0.47	cps
Uranium	238-1	5827	6327	6585	6246	6.18	cps
Vanadium	51-2	18288	18752	18639	18560	1.30	cps
Yttrium	89-1	1017691	1013705	1026025	1019140	0.62	cps
Yttrium	89-2	380560	383734	385010	383101	0.60	cps
Zinc	66-2	101466	103396	104292	103051	1.40	cps
Zirconium	90-1	15317	15668	16018	15668	2.24	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-11	Instrumnet Name :	P7
Client Sample ID :	B-66(1.5-2.5)_101017	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 12:58:50	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3501	3359	3559	3473	2.96	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-12	Instrumnet Name :	P7
Client Sample ID :	B-67(1.5-2.5)_101017	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 13:02:21	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	377369	376285	375087	376247	0.30	cps
Antimony	121-1	733	775	650	719	8.85	cps
Arsenic	75-2	350	378	376	368	4.22	cps
Barium	135-1	43753	43043	43169	43322	0.88	cps
Barium	137-1	76151	74643	74845	75213	1.09	cps
Beryllium	9-1	283	267	300	283	5.88	cps
Bismuth	209-1	1334872	1329092	1333107	1332357	0.22	cps
Bismuth	209-2	1315117	1324347	1323189	1320884	0.38	cps
Boron	10-1	1008	1225	1058	1097	10.34	cps
Boron	11-1	4626	5118	4818	4854	5.11	cps
Cadmium	111-1	778	651	675	702	9.59	cps
Cadmium	106-1	1050	1100	858	1003	12.72	cps
Cadmium	108-1	463	563	388	471	18.65	cps
Calcium	43-1	163193	162206	161641	162347	0.48	cps
Calcium	44-1	2708698	2724098	2722644	2718480	0.31	cps
Chromium	52-2	17387	18091	17614	17698	2.03	cps
Cobalt	59-2	13687	13687	13850	13741	0.69	cps
Copper	63-2	90417	89773	89884	90025	0.38	cps
Dysprosium	156-1	7286	7586	7277	7383	2.38	cps
Dysprosium	156-2	7739	7902	7772	7805	1.11	cps
Erbium	164-1	7903	7636	8170	7903	3.38	cps
Erbium	164-2	7976	7899	8133	8002	1.49	cps
Gadolinium	160-1	8178	8528	8061	8256	2.94	cps
Gadolinium	160-2	8399	8509	8836	8582	2.65	cps
Holmium	165-1	1633128	1623168	1624468	1626921	0.33	cps
Holmium	165-2	1669574	1673862	1674313	1672583	0.16	cps
Indium	115-1	1158663	1145025	1152035	1151908	0.59	cps
Indium	115-2	562331	557717	561803	560617	0.45	cps
Iron	56-2	17122199	17071223	17070137	17087853	0.17	cps
Iron	57-2	419065	422369	420444	420626	0.39	cps
Lead	206-1	170524	170130	170206	170287	0.12	cps
Lead	207-1	145504	144837	144162	144835	0.46	cps
Lead	208-1	677091	675474	673529	675365	0.26	cps
Lithium	6-1	376430	378804	376482	377239	0.36	cps
Magnesium	24-2	268870	274042	270967	271293	0.96	cps
Manganese	55-2	383163	379627	382372	381721	0.49	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-12	Instrumnet Name :	P7
Client Sample ID :	B-67(1.5-2.5)_101017	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 13:02:21	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5168	4818	4668	4884	5.25	cps
Molybdenum	95-1	1950	1875	1992	1939	3.05	cps
Molybdenum	96-1	2700	2750	2734	2728	0.93	cps
Molybdenum	97-1	1100	1150	1158	1136	2.78	cps
Molybdenum	98-1	3034	2967	2884	2962	2.54	cps
Neodymium	150-1	10771	10811	10418	10667	2.03	cps
Neodymium	150-2	9333	9317	9423	9358	0.61	cps
Nickel	60-2	15221	15318	15302	15280	0.34	cps
Phosphorus	31-2	1759	1867	1792	1806	3.07	cps
Potassium	39-2	69555	69573	70008	69712	0.37	cps
Rhodium	103-1	1104496	1101177	1099115	1101596	0.25	cps
Rhodium	103-2	846715	849543	848396	848218	0.17	cps
Scandium	45-1	627154	631034	628651	628946	0.31	cps
Scandium	45-2	55490	53935	54437	54621	1.45	cps
Selenium	77-2	33	37	13	28	45.44	cps
Selenium	78-2	74	65	74	71	7.53	cps
Selenium	82-1	79	88	86	84	5.46	cps
Silicon	28-1	9951487	10030206	9928427	9970040	0.54	cps
Silver	109-1	1709	2159	1867	1911	11.94	cps
Silver	107-1	1959	1900	1675	1845	8.11	cps
Sodium	23-2	64246	63493	65369	64369	1.47	cps
Strontium	86-1	66254	67478	65534	66422	1.48	cps
Strontium	88-1	605471	602100	599778	602450	0.48	cps
Sulfur	34-1	47301	46089	46767	46719	1.30	cps
Terbium	159-1	1641198	1639934	1637901	1639678	0.10	cps
Terbium	159-2	1657811	1662890	1647296	1655999	0.48	cps
Thallium	203-1	150	158	208	172	18.32	cps
Thallium	205-1	533	525	458	506	8.13	cps
Tin	118-1	3209	2592	3309	3037	12.78	cps
Titanium	47-1	72152	72420	74037	72870	1.40	cps
Uranium	238-1	5943	5885	5910	5913	0.50	cps
Vanadium	51-2	19139	18792	19279	19070	1.32	cps
Yttrium	89-1	1064464	1063899	1055491	1061285	0.47	cps
Yttrium	89-2	388165	387308	389116	388196	0.23	cps
Zinc	66-2	21439	22174	21723	21779	1.70	cps
Zirconium	90-1	10238	10129	11636	10668	7.88	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-12	Instrumnet Name :	P7
Client Sample ID :	B-67(1.5-2.5)_101017	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 13:02:21	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2200	2509	2300	2336	6.74	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-13	Instrumnet Name :	P7
Client Sample ID :	B-66(2.5-4.5)_101017	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 13:05:52	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	276291	272338	276534	275054	0.86	cps
Antimony	121-1	8695	9237	9070	9001	3.08	cps
Arsenic	75-2	3358	3347	3426	3377	1.28	cps
Barium	135-1	613100	611026	613707	612611	0.23	cps
Barium	137-1	1070055	1066989	1064230	1067091	0.27	cps
Beryllium	9-1	294	372	378	348	13.38	cps
Bismuth	209-1	1229773	1246446	1240212	1238810	0.68	cps
Bismuth	209-2	1270409	1268212	1271110	1269910	0.12	cps
Boron	10-1	300	333	283	306	8.33	cps
Boron	11-1	1367	1258	1317	1314	4.13	cps
Cadmium	111-1	1279	1255	1334	1290	3.15	cps
Cadmium	106-1	583	633	558	592	6.45	cps
Cadmium	108-1	83	67	75	75	11.11	cps
Calcium	43-1	34249	35001	35870	35040	2.31	cps
Calcium	44-1	572171	579787	580629	577529	0.81	cps
Chromium	52-2	71840	71513	72766	72040	0.90	cps
Cobalt	59-2	10671	10814	10871	10785	0.96	cps
Copper	63-2	143545	142677	143956	143393	0.46	cps
Dysprosium	156-1	4884	4868	4901	4884	0.34	cps
Dysprosium	156-2	5041	4758	5111	4970	3.77	cps
Erbium	164-1	5110	4951	5076	5046	1.65	cps
Erbium	164-2	5341	5368	5528	5412	1.87	cps
Gadolinium	160-1	4951	5410	5301	5221	4.59	cps
Gadolinium	160-2	5558	5975	5588	5707	4.07	cps
Holmium	165-1	1489994	1497424	1501315	1496244	0.38	cps
Holmium	165-2	1601971	1590190	1593624	1595262	0.38	cps
Indium	115-1	1084692	1090074	1093369	1089378	0.40	cps
Indium	115-2	545043	544311	545602	544985	0.12	cps
Iron	56-2	17466023	17326703	17444112	17412279	0.43	cps
Iron	57-2	427197	429524	431441	429387	0.49	cps
Lead	206-1	4015631	4011771	4026695	4018032	0.19	cps
Lead	207-1	3415598	3426053	3398498	3413383	0.41	cps
Lead	208-1	16217054	16157297	16182246	16185533	0.19	cps
Lithium	6-1	373011	372977	379176	375054	0.95	cps
Magnesium	24-2	90238	89040	89928	89735	0.69	cps
Manganese	55-2	223194	224810	222702	223569	0.49	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-13	Instrumnet Name :	P7
Client Sample ID :	B-66(2.5-4.5)_101017	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 13:05:52	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1417	1367	1350	1378	2.52	cps
Molybdenum	95-1	2084	1875	1567	1842	14.12	cps
Molybdenum	96-1	1709	1792	2142	1881	12.23	cps
Molybdenum	97-1	967	1067	1117	1050	7.27	cps
Molybdenum	98-1	2825	2734	2559	2706	5.01	cps
Neodymium	150-1	6789	7155	6675	6873	3.65	cps
Neodymium	150-2	6435	6322	6262	6339	1.39	cps
Nickel	60-2	4994	5198	4961	5051	2.54	cps
Phosphorus	31-2	2500	2609	2767	2625	5.11	cps
Potassium	39-2	38660	38451	38727	38612	0.37	cps
Rhodium	103-1	1035743	1048298	1041386	1041809	0.60	cps
Rhodium	103-2	828513	824809	831731	828351	0.42	cps
Scandium	45-1	595527	598492	596385	596801	0.26	cps
Scandium	45-2	54125	54072	54216	54138	0.13	cps
Selenium	77-2	13	20	17	17	20.01	cps
Selenium	78-2	78	54	80	70	20.56	cps
Selenium	82-1	90	101	82	91	10.49	cps
Silicon	28-1	1875917	1942106	1955990	1924671	2.22	cps
Silver	109-1	1050	1025	1108	1061	4.03	cps
Silver	107-1	1142	1125	1225	1164	4.60	cps
Sodium	23-2	32870	33539	32110	32840	2.18	cps
Strontium	86-1	50114	49922	49462	49833	0.67	cps
Strontium	88-1	452043	454364	450696	452367	0.41	cps
Sulfur	34-1	49049	50386	50026	49820	1.39	cps
Terbium	159-1	1502264	1515197	1517369	1511610	0.54	cps
Terbium	159-2	1575644	1577437	1572665	1575249	0.15	cps
Thallium	203-1	500	433	350	428	17.57	cps
Thallium	205-1	1325	1017	1267	1203	13.62	cps
Tin	118-1	31161	29766	30184	30370	2.36	cps
Titanium	47-1	46024	48621	46775	47140	2.84	cps
Uranium	238-1	5493	5435	5418	5449	0.72	cps
Vanadium	51-2	13813	14244	13993	14017	1.54	cps
Yttrium	89-1	958628	965952	970610	965063	0.63	cps
Yttrium	89-2	370913	370451	371377	370914	0.12	cps
Zinc	66-2	161627	163456	163783	162955	0.71	cps
Zirconium	90-1	1417	1400	1142	1320	11.69	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-13	Instrumnet Name :	P7
Client Sample ID :	B-66(2.5-4.5)_101017	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 13:05:52	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	283	258	275	272	4.68	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-01DLX20	Instrumnet Name :	P7
Client Sample ID :	B-38(FILL)_ 100917	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:09:24	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18671	18679	18771	18707	0.30	cps
Antimony	121-1	942	883	967	931	4.60	cps
Arsenic	75-2	85	63	94	81	20.01	cps
Barium	135-1	24589	24714	24706	24670	0.28	cps
Barium	137-1	43461	43143	43402	43336	0.39	cps
Beryllium	9-1	56	39	28	41	34.32	cps
Bismuth	209-1	1222585	1211871	1216380	1216945	0.44	cps
Bismuth	209-2	1247113	1275189	1269541	1263948	1.17	cps
Boron	10-1	92	167	108	122	32.22	cps
Boron	11-1	400	542	483	475	14.99	cps
Cadmium	111-1	376	419	408	401	5.57	cps
Cadmium	106-1	408	400	408	406	1.19	cps
Cadmium	108-1	8	4	4	6	43.22	cps
Calcium	43-1	5585	5285	5034	5301	5.20	cps
Calcium	44-1	95273	94611	95978	95287	0.72	cps
Chromium	52-2	3020	3094	2830	2981	4.56	cps
Cobalt	59-2	1667	1663	1630	1653	1.23	cps
Copper	63-2	8433	8926	8449	8603	3.26	cps
Dysprosium	156-1	233	292	200	242	19.20	cps
Dysprosium	156-2	193	220	220	211	7.29	cps
Erbium	164-1	225	192	358	258	34.14	cps
Erbium	164-2	277	257	220	251	11.44	cps
Gadolinium	160-1	275	233	217	242	12.43	cps
Gadolinium	160-2	397	320	397	371	11.93	cps
Holmium	165-1	1464065	1448615	1460947	1457876	0.56	cps
Holmium	165-2	1562418	1585092	1594575	1580695	1.05	cps
Indium	115-1	1074142	1068712	1087069	1076641	0.88	cps
Indium	115-2	544981	552586	549291	548952	0.69	cps
Iron	56-2	1010244	1015701	1023922	1016622	0.68	cps
Iron	57-2	25706	25562	25411	25560	0.58	cps
Lead	206-1	130187	127427	129268	128961	1.09	cps
Lead	207-1	109891	109481	109952	109775	0.23	cps
Lead	208-1	514231	508478	513649	512119	0.62	cps
Lithium	6-1	360232	357141	359536	358970	0.45	cps
Magnesium	24-2	12005	12439	12673	12372	2.74	cps
Manganese	55-2	17110	17214	16613	16979	1.89	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-01DLX20	Instrumnet Name :	P7
Client Sample ID :	B-38(FILL)_100917	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:09:24	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	133	133	183	150	19.24	cps
Molybdenum	95-1	108	75	92	92	18.18	cps
Molybdenum	96-1	58	183	142	128	49.81	cps
Molybdenum	97-1	67	83	125	92	32.78	cps
Molybdenum	98-1	133	175	100	136	27.61	cps
Neodymium	150-1	260	307	227	264	15.20	cps
Neodymium	150-2	243	297	300	280	11.36	cps
Nickel	60-2	463	477	523	488	6.46	cps
Phosphorus	31-2	92	133	117	114	18.41	cps
Potassium	39-2	11547	11730	11680	11652	0.81	cps
Rhodium	103-1	1042529	1035735	1037213	1038492	0.34	cps
Rhodium	103-2	823380	830356	835502	829746	0.73	cps
Scandium	45-1	592021	591556	591367	591648	0.06	cps
Scandium	45-2	53720	54303	54915	54313	1.10	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	52	50	87	63	33.15	cps
Selenium	82-1	81	74	65	73	11.05	cps
Silicon	28-1	147200	144522	145479	145733	0.93	cps
Silver	109-1	242	300	217	253	16.92	cps
Silver	107-1	225	108	158	164	35.71	cps
Sodium	23-2	6527	6377	6368	6424	1.39	cps
Strontium	86-1	3084	2642	2659	2795	8.96	cps
Strontium	88-1	24964	24213	25399	24859	2.41	cps
Sulfur	34-1	45712	46190	43899	45267	2.67	cps
Terbium	159-1	1471360	1462742	1471482	1468528	0.34	cps
Terbium	159-2	1553062	1563059	1576741	1564288	0.76	cps
Thallium	203-1	17	42	25	28	45.82	cps
Thallium	205-1	100	83	92	92	9.09	cps
Tin	118-1	2817	2917	2492	2742	8.11	cps
Titanium	47-1	2784	2784	2734	2767	1.04	cps
Uranium	238-1	242	258	242	247	3.89	cps
Vanadium	51-2	867	817	853	846	3.06	cps
Yttrium	89-1	901474	899887	908322	903227	0.50	cps
Yttrium	89-2	353739	356823	356121	355561	0.45	cps
Zinc	66-2	18101	18388	18622	18371	1.42	cps
Zirconium	90-1	200	317	292	269	22.80	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-01DLX20	Instrumnet Name :	P7
Client Sample ID :	B-38(FILL)_100917	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:09:24	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	25	75	42	47	53.91	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-02DLX20	Instrumnet Name :	P7
Client Sample ID :	B-38(FILL)_ 100917D	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:12:56	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19380	19605	19780	19589	1.02	cps
Antimony	121-1	1058	792	958	936	14.39	cps
Arsenic	75-2	96	80	96	91	10.61	cps
Barium	135-1	25399	24589	25692	25227	2.26	cps
Barium	137-1	44506	44406	44364	44425	0.16	cps
Beryllium	9-1	39	61	17	39	57.14	cps
Bismuth	209-1	1209823	1210852	1205562	1208746	0.23	cps
Bismuth	209-2	1240816	1270418	1281112	1264116	1.65	cps
Boron	10-1	92	100	92	94	5.09	cps
Boron	11-1	458	442	292	397	23.11	cps
Cadmium	111-1	365	375	339	359	5.08	cps
Cadmium	106-1	358	383	350	364	4.77	cps
Cadmium	108-1	4	21	8	11	78.05	cps
Calcium	43-1	5643	5610	6202	5818	5.72	cps
Calcium	44-1	96441	95818	96162	96140	0.32	cps
Chromium	52-2	3067	3010	2894	2990	2.96	cps
Cobalt	59-2	1723	1727	1663	1705	2.09	cps
Copper	63-2	8873	9046	8679	8866	2.07	cps
Dysprosium	156-1	192	283	233	236	19.44	cps
Dysprosium	156-2	220	180	210	203	10.24	cps
Erbium	164-1	225	275	283	261	12.08	cps
Erbium	164-2	227	233	260	240	7.35	cps
Gadolinium	160-1	200	217	217	211	4.56	cps
Gadolinium	160-2	380	353	377	370	3.93	cps
Holmium	165-1	1459390	1445263	1438508	1447720	0.74	cps
Holmium	165-2	1550917	1576137	1597263	1574772	1.47	cps
Indium	115-1	1086454	1082861	1078636	1082650	0.36	cps
Indium	115-2	546084	553258	553475	550939	0.76	cps
Iron	56-2	1030673	1048274	1048200	1042382	0.97	cps
Iron	57-2	26046	25768	26285	26033	0.99	cps
Lead	206-1	133238	132280	131169	132229	0.78	cps
Lead	207-1	113100	114450	111632	113061	1.25	cps
Lead	208-1	525651	526352	520910	524304	0.56	cps
Lithium	6-1	354847	355495	352186	354176	0.50	cps
Magnesium	24-2	13056	12514	12481	12684	2.55	cps
Manganese	55-2	17123	17521	17380	17342	1.16	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-02DLX20	Instrumnet Name :	P7
Client Sample ID :	B-38(FILL)_100917D	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:12:56	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	150	83	175	136	34.81	cps
Molybdenum	95-1	92	83	167	114	40.30	cps
Molybdenum	96-1	108	50	117	92	39.63	cps
Molybdenum	97-1	83	50	75	69	24.98	cps
Molybdenum	98-1	158	158	200	172	13.97	cps
Neodymium	150-1	280	327	247	284	14.13	cps
Neodymium	150-2	310	197	280	262	22.39	cps
Nickel	60-2	437	513	560	503	12.37	cps
Phosphorus	31-2	117	92	108	106	12.06	cps
Potassium	39-2	11438	11638	11205	11427	1.90	cps
Rhodium	103-1	1041538	1038454	1039324	1039772	0.15	cps
Rhodium	103-2	822315	837089	840904	833436	1.18	cps
Scandium	45-1	600113	588833	593564	594170	0.95	cps
Scandium	45-2	54062	54079	54417	54186	0.37	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	59	69	76	68	12.30	cps
Selenium	82-1	75	94	62	77	20.92	cps
Silicon	28-1	147985	145331	142147	145154	2.01	cps
Silver	109-1	242	292	308	281	12.37	cps
Silver	107-1	233	258	333	275	18.92	cps
Sodium	23-2	7035	6710	6668	6805	2.95	cps
Strontium	86-1	2725	2717	2650	2698	1.52	cps
Strontium	88-1	25924	24614	24747	25095	2.87	cps
Sulfur	34-1	46891	45512	45454	45952	1.77	cps
Terbium	159-1	1472526	1463639	1456907	1464357	0.53	cps
Terbium	159-2	1543771	1582652	1581584	1569335	1.41	cps
Thallium	203-1	42	42	17	33	43.30	cps
Thallium	205-1	100	83	108	97	13.09	cps
Tin	118-1	2975	2992	2884	2950	1.98	cps
Titanium	47-1	2817	2609	2725	2717	3.84	cps
Uranium	238-1	300	350	242	297	18.24	cps
Vanadium	51-2	747	883	803	811	8.47	cps
Yttrium	89-1	905448	905811	900332	903864	0.34	cps
Yttrium	89-2	356202	359452	359059	358238	0.50	cps
Zinc	66-2	18739	18942	19039	18907	0.81	cps
Zirconium	90-1	283	192	300	258	22.58	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-02DLX20	Instrumnet Name :	P7
Client Sample ID :	B-38(FILL)_100917D	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:12:56	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	100	67	58	75	29.40	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-01LDLX100	Instrumnet Name :	P7
Client Sample ID :	B-38(FILL)_ 100917L	Dilution Factor :	100
Date & Time Acquired ::	2017-10-12 13:16:28	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3709	3601	3726	3678	1.85	cps
Antimony	121-1	175	183	275	211	26.28	cps
Arsenic	75-2	15	13	6	11	44.06	cps
Barium	135-1	4834	4726	4393	4651	4.95	cps
Barium	137-1	8361	8211	7886	8153	2.98	cps
Beryllium	9-1	17	6	6	9	69.24	cps
Bismuth	209-1	1203302	1200844	1207356	1203834	0.27	cps
Bismuth	209-2	1253198	1267402	1265053	1261884	0.60	cps
Boron	10-1	42	25	50	39	32.73	cps
Boron	11-1	283	233	167	228	25.70	cps
Cadmium	111-1	344	305	313	321	6.36	cps
Cadmium	106-1	483	417	417	439	8.77	cps
Cadmium	108-1	4	4	0	3	86.60	cps
Calcium	43-1	1025	1050	1233	1103	10.32	cps
Calcium	44-1	20407	20298	19956	20220	1.16	cps
Chromium	52-2	760	777	720	752	3.87	cps
Cobalt	59-2	257	290	323	290	11.49	cps
Copper	63-2	1817	1863	1880	1853	1.77	cps
Dysprosium	156-1	17	8	58	28	96.44	cps
Dysprosium	156-2	27	30	33	30	11.10	cps
Erbium	164-1	67	58	58	61	7.87	cps
Erbium	164-2	47	53	37	46	18.41	cps
Gadolinium	160-1	50	67	83	67	25.00	cps
Gadolinium	160-2	210	227	207	214	5.00	cps
Holmium	165-1	1431599	1416671	1448476	1432249	1.11	cps
Holmium	165-2	1561090	1582244	1579966	1574433	0.74	cps
Indium	115-1	1079921	1074482	1078412	1077605	0.26	cps
Indium	115-2	552061	552215	554430	552902	0.24	cps
Iron	56-2	194156	197965	200786	197636	1.68	cps
Iron	57-2	4923	4490	4901	4771	5.12	cps
Lead	206-1	24868	24723	24885	24825	0.36	cps
Lead	207-1	20744	20934	21195	20958	1.08	cps
Lead	208-1	98206	97542	99204	98317	0.85	cps
Lithium	6-1	349530	352980	357190	353234	1.09	cps
Magnesium	24-2	2575	2792	2567	2645	4.82	cps
Manganese	55-2	3227	3377	3304	3303	2.27	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-01LDLX100	Instrumnet Name :	P7
Client Sample ID :	B-38(FILL)_100917L	Dilution Factor :	100
Date & Time Acquired ::	2017-10-12 13:16:28	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	42	83	17	47	71.32	cps
Molybdenum	95-1	33	42	42	39	12.38	cps
Molybdenum	96-1	42	75	33	50	44.10	cps
Molybdenum	97-1	25	8	25	19	49.50	cps
Molybdenum	98-1	33	17	83	44	78.07	cps
Neodymium	150-1	40	47	40	42	9.12	cps
Neodymium	150-2	43	77	43	54	35.36	cps
Nickel	60-2	117	77	93	96	21.03	cps
Phosphorus	31-2	58	25	42	42	40.00	cps
Potassium	39-2	9937	9412	9487	9612	2.96	cps
Rhodium	103-1	1040734	1037492	1039696	1039307	0.16	cps
Rhodium	103-2	833339	839959	837859	837053	0.40	cps
Scandium	45-1	586454	584286	586587	585776	0.22	cps
Scandium	45-2	53961	55735	55541	55079	1.77	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	67	39	63	56	26.85	cps
Selenium	82-1	50	44	44	46	7.64	cps
Silicon	28-1	51581	53313	52877	52591	1.71	cps
Silver	109-1	100	67	108	92	24.05	cps
Silver	107-1	75	25	133	78	69.71	cps
Sodium	23-2	5485	5460	5835	5593	3.75	cps
Strontium	86-1	525	525	725	592	19.52	cps
Strontium	88-1	4468	4601	4543	4537	1.47	cps
Sulfur	34-1	46189	44768	44843	45267	1.77	cps
Terbium	159-1	1447109	1442764	1469325	1453066	0.98	cps
Terbium	159-2	1557822	1571558	1566941	1565440	0.45	cps
Thallium	203-1	25	17	33	25	33.32	cps
Thallium	205-1	125	75	50	83	45.83	cps
Tin	118-1	692	567	583	614	11.06	cps
Titanium	47-1	525	525	433	494	10.70	cps
Uranium	238-1	17	50	58	42	52.91	cps
Vanadium	51-2	143	150	190	161	15.66	cps
Yttrium	89-1	897401	896810	898116	897442	0.07	cps
Yttrium	89-2	356309	358549	359664	358174	0.48	cps
Zinc	66-2	3677	3781	3510	3656	3.73	cps
Zirconium	90-1	100	83	133	106	24.12	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-01LDLX100	Instrumnet Name :	P7
Client Sample ID :	B-38(FILL)_100917L	Dilution Factor :	100
Date & Time Acquired ::	2017-10-12 13:16:28	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	17	8	25	17	50.01	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-03DLX20	Instrumnet Name :	P7
Client Sample ID :	B-38(FILL)_ 100917S	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:20:01	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19054	18128	18487	18557	2.52	cps
Antimony	121-1	2317	2200	2000	2172	7.37	cps
Arsenic	75-2	93	139	93	108	24.75	cps
Barium	135-1	29900	29340	30109	29783	1.33	cps
Barium	137-1	50442	51129	51790	51120	1.32	cps
Beryllium	9-1	189	244	217	217	12.82	cps
Bismuth	209-1	1188729	1196250	1199084	1194688	0.45	cps
Bismuth	209-2	1267589	1276241	1290356	1278062	0.90	cps
Boron	10-1	117	50	83	83	40.00	cps
Boron	11-1	358	442	425	408	10.80	cps
Cadmium	111-1	571	537	553	554	3.13	cps
Cadmium	106-1	417	367	425	403	7.83	cps
Cadmium	108-1	29	17	4	17	74.99	cps
Calcium	43-1	5535	5418	5643	5532	2.04	cps
Calcium	44-1	93848	94015	92422	93428	0.94	cps
Chromium	52-2	3947	3791	4211	3983	5.33	cps
Cobalt	59-2	5991	5948	6008	5982	0.52	cps
Copper	63-2	10257	10224	10324	10268	0.50	cps
Dysprosium	156-1	75	133	167	125	37.12	cps
Dysprosium	156-2	220	207	223	217	4.07	cps
Erbium	164-1	233	317	325	292	17.38	cps
Erbium	164-2	207	180	180	189	8.15	cps
Gadolinium	160-1	217	317	217	250	23.09	cps
Gadolinium	160-2	347	353	317	339	5.76	cps
Holmium	165-1	1430112	1433054	1443218	1435461	0.48	cps
Holmium	165-2	1586209	1583539	1614112	1594620	1.06	cps
Indium	115-1	1084823	1074086	1080232	1079714	0.50	cps
Indium	115-2	555169	553293	558900	555787	0.51	cps
Iron	56-2	1022533	1021340	1032934	1025603	0.62	cps
Iron	57-2	25740	25829	25300	25623	1.10	cps
Lead	206-1	125572	125813	126737	126040	0.49	cps
Lead	207-1	106861	106855	108322	107346	0.79	cps
Lead	208-1	500846	499650	504265	501587	0.48	cps
Lithium	6-1	356371	357642	359848	357954	0.49	cps
Magnesium	24-2	12431	11872	11814	12039	2.83	cps
Manganese	55-2	18892	18549	19213	18885	1.76	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-03DLX20	Instrumnet Name :	P7
Client Sample ID :	B-38(FILL)_100917S	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:20:01	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	150	117	150	139	13.86	cps
Molybdenum	95-1	75	92	167	111	43.95	cps
Molybdenum	96-1	67	108	108	94	25.47	cps
Molybdenum	97-1	42	25	42	36	26.65	cps
Molybdenum	98-1	167	158	167	164	2.94	cps
Neodymium	150-1	313	327	247	296	14.50	cps
Neodymium	150-2	243	243	280	256	8.28	cps
Nickel	60-2	1683	1643	1577	1635	3.30	cps
Phosphorus	31-2	108	133	75	106	27.73	cps
Potassium	39-2	11588	10896	11221	11235	3.08	cps
Rhodium	103-1	1033740	1034516	1050441	1039566	0.91	cps
Rhodium	103-2	842506	841397	847686	843863	0.40	cps
Scandium	45-1	585200	596936	589529	590555	1.00	cps
Scandium	45-2	55665	54989	55507	55387	0.64	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	80	74	52	69	21.45	cps
Selenium	82-1	77	52	56	62	21.73	cps
Silicon	28-1	147140	147761	141743	145548	2.27	cps
Silver	109-1	808	1067	1167	1014	18.24	cps
Silver	107-1	983	950	908	947	3.97	cps
Sodium	23-2	6668	7285	6643	6866	5.30	cps
Strontium	86-1	2800	2650	2850	2767	3.76	cps
Strontium	88-1	23679	23370	24589	23879	2.65	cps
Sulfur	34-1	46005	47460	46173	46546	1.71	cps
Terbium	159-1	1449448	1453081	1458050	1453526	0.30	cps
Terbium	159-2	1582837	1572100	1593018	1582651	0.66	cps
Thallium	203-1	667	725	600	664	9.42	cps
Thallium	205-1	1909	1750	2117	1925	9.55	cps
Tin	118-1	2667	2592	2567	2609	2.00	cps
Titanium	47-1	2684	2959	2750	2798	5.13	cps
Uranium	238-1	225	292	350	289	21.65	cps
Vanadium	51-2	3087	3010	3084	3060	1.42	cps
Yttrium	89-1	898132	895839	902408	898793	0.37	cps
Yttrium	89-2	361064	358518	361810	360464	0.48	cps
Zinc	66-2	18475	18859	18492	18609	1.17	cps
Zirconium	90-1	267	283	308	286	7.33	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-03DLX20	Instrumnet Name :	P7
Client Sample ID :	B-38(FILL)_100917S	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:20:01	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	50	25	25	33	43.30	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-04DLX20	Instrumnet Name :	P7
Client Sample ID :	B-38(0-1)_100917	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:23:32	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16727	16401	16944	16690	1.64	cps
Antimony	121-1	275	192	275	247	19.46	cps
Arsenic	75-2	54	31	37	41	28.38	cps
Barium	135-1	15184	15518	15067	15256	1.53	cps
Barium	137-1	26418	27219	26818	26818	1.49	cps
Beryllium	9-1	33	6	33	24	66.60	cps
Bismuth	209-1	1246889	1253582	1265949	1255473	0.77	cps
Bismuth	209-2	1304829	1315289	1319444	1313188	0.57	cps
Boron	10-1	92	117	100	103	12.39	cps
Boron	11-1	508	617	442	522	16.91	cps
Cadmium	111-1	304	335	355	331	7.67	cps
Cadmium	106-1	342	383	392	372	7.20	cps
Cadmium	108-1	8	0	4	4	99.96	cps
Calcium	43-1	5201	5051	5593	5282	5.30	cps
Calcium	44-1	87301	88104	85908	87104	1.28	cps
Chromium	52-2	1527	1377	1313	1406	7.80	cps
Cobalt	59-2	653	613	730	666	8.91	cps
Copper	63-2	3430	3701	3647	3593	3.98	cps
Dysprosium	156-1	217	258	200	225	13.35	cps
Dysprosium	156-2	300	287	260	282	7.22	cps
Erbium	164-1	283	350	383	339	15.03	cps
Erbium	164-2	327	307	260	298	11.49	cps
Gadolinium	160-1	258	308	225	264	15.89	cps
Gadolinium	160-2	383	473	403	420	11.25	cps
Holmium	165-1	1501027	1510054	1525190	1512090	0.81	cps
Holmium	165-2	1642844	1638402	1651500	1644249	0.41	cps
Indium	115-1	1112102	1110680	1124420	1115734	0.68	cps
Indium	115-2	566528	565187	565388	565701	0.13	cps
Iron	56-2	687269	686101	686422	686597	0.09	cps
Iron	57-2	17466	16404	17316	17062	3.37	cps
Lead	206-1	98391	100288	100404	99694	1.13	cps
Lead	207-1	81667	82835	81811	82104	0.78	cps
Lead	208-1	386283	386758	386559	386533	0.06	cps
Lithium	6-1	360407	361023	363958	361796	0.52	cps
Magnesium	24-2	16743	15976	16343	16354	2.35	cps
Manganese	55-2	10124	10164	10107	10131	0.29	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-04DLX20	Instrumnet Name :	P7
Client Sample ID :	B-38(0-1)_100917	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:23:32	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	142	92	150	128	24.69	cps
Molybdenum	95-1	58	50	50	53	9.12	cps
Molybdenum	96-1	58	83	117	86	33.98	cps
Molybdenum	97-1	50	50	8	36	66.62	cps
Molybdenum	98-1	92	100	75	89	14.33	cps
Neodymium	150-1	347	380	333	353	6.80	cps
Neodymium	150-2	333	270	283	296	11.30	cps
Nickel	60-2	377	427	327	377	13.27	cps
Phosphorus	31-2	108	100	67	92	24.05	cps
Potassium	39-2	11405	11221	11647	11424	1.87	cps
Rhodium	103-1	1072170	1075153	1084284	1077202	0.59	cps
Rhodium	103-2	859032	868342	862245	863206	0.55	cps
Scandium	45-1	609913	611469	614099	611827	0.35	cps
Scandium	45-2	54915	55557	55390	55287	0.60	cps
Selenium	77-2	7	7	3	6	34.70	cps
Selenium	78-2	50	54	67	57	15.41	cps
Selenium	82-1	80	74	47	67	26.24	cps
Silicon	28-1	118438	117938	120581	118986	1.18	cps
Silver	109-1	142	167	108	139	21.07	cps
Silver	107-1	125	125	100	117	12.38	cps
Sodium	23-2	7544	7485	7494	7508	0.42	cps
Strontium	86-1	2142	2092	2009	2081	3.24	cps
Strontium	88-1	18279	19097	18696	18691	2.19	cps
Sulfur	34-1	46006	44250	44978	45078	1.96	cps
Terbium	159-1	1507082	1518725	1539354	1521721	1.07	cps
Terbium	159-2	1626706	1626743	1629400	1627616	0.09	cps
Thallium	203-1	58	67	8	44	70.99	cps
Thallium	205-1	67	75	117	86	31.11	cps
Tin	118-1	13524	12923	12723	13057	3.19	cps
Titanium	47-1	2950	3351	3317	3206	6.92	cps
Uranium	238-1	325	275	267	289	10.92	cps
Vanadium	51-2	870	860	890	873	1.75	cps
Yttrium	89-1	930908	936092	945102	937367	0.77	cps
Yttrium	89-2	363967	366517	366931	365805	0.44	cps
Zinc	66-2	7465	7179	6935	7193	3.69	cps
Zirconium	90-1	267	283	250	267	6.25	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-04DLX20	Instrumnet Name :	P7
Client Sample ID :	B-38(0-1)_100917	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:23:32	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	17	42	33	31	41.65	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-05DLX20	Instrumnet Name :	P7
Client Sample ID :	B-38(1-3)_100917	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:27:04	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21800	22443	23094	22445	2.88	cps
Antimony	121-1	25	67	17	36	74.18	cps
Arsenic	75-2	28	28	39	31	20.37	cps
Barium	135-1	1759	1542	1600	1634	6.86	cps
Barium	137-1	2717	2600	2817	2712	4.00	cps
Beryllium	9-1	17	22	28	22	25.00	cps
Bismuth	209-1	1287284	1283944	1289215	1286814	0.21	cps
Bismuth	209-2	1322443	1322584	1344276	1329768	0.94	cps
Boron	10-1	92	42	50	61	43.83	cps
Boron	11-1	175	267	217	219	20.91	cps
Cadmium	111-1	245	232	326	268	19.13	cps
Cadmium	106-1	350	325	458	378	18.76	cps
Cadmium	108-1	0	0	4	1	173.21	cps
Calcium	43-1	3201	3609	3876	3562	9.55	cps
Calcium	44-1	56877	58610	57998	57829	1.52	cps
Chromium	52-2	843	783	723	783	7.66	cps
Cobalt	59-2	537	497	530	521	4.11	cps
Copper	63-2	1617	1517	1727	1620	6.48	cps
Dysprosium	156-1	283	258	342	294	14.52	cps
Dysprosium	156-2	303	283	310	299	4.64	cps
Erbium	164-1	283	325	425	344	21.14	cps
Erbium	164-2	263	303	270	279	7.68	cps
Gadolinium	160-1	250	367	308	308	18.92	cps
Gadolinium	160-2	467	387	390	414	10.92	cps
Holmium	165-1	1539436	1554037	1548898	1547457	0.48	cps
Holmium	165-2	1647800	1652019	1672618	1657479	0.80	cps
Indium	115-1	1128935	1132874	1137038	1132949	0.36	cps
Indium	115-2	565461	565108	565718	565429	0.05	cps
Iron	56-2	585873	582339	588718	585643	0.55	cps
Iron	57-2	14252	14558	14124	14311	1.56	cps
Lead	206-1	3806	3395	3723	3641	5.97	cps
Lead	207-1	3256	2984	2967	3069	5.29	cps
Lead	208-1	15526	14115	14826	14822	4.76	cps
Lithium	6-1	362883	365509	365426	364606	0.41	cps
Magnesium	24-2	9220	9328	9228	9259	0.65	cps
Manganese	55-2	6948	7072	7105	7042	1.17	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-05DLX20	Instrumnet Name :	P7
Client Sample ID :	B-38(1-3)_100917	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:27:04	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	100	100	125	108	13.33	cps
Molybdenum	95-1	58	25	42	42	40.00	cps
Molybdenum	96-1	42	67	42	50	28.87	cps
Molybdenum	97-1	42	17	25	28	45.82	cps
Molybdenum	98-1	58	100	58	72	33.31	cps
Neodymium	150-1	447	427	380	418	8.19	cps
Neodymium	150-2	370	370	447	396	11.19	cps
Nickel	60-2	277	277	240	264	8.00	cps
Phosphorus	31-2	117	58	92	89	32.92	cps
Potassium	39-2	11697	11730	11488	11638	1.13	cps
Rhodium	103-1	1092656	1087604	1096030	1092097	0.39	cps
Rhodium	103-2	863662	866781	870045	866829	0.37	cps
Scandium	45-1	611950	610887	623083	615307	1.10	cps
Scandium	45-2	54239	54283	54229	54250	0.05	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	72	69	65	69	5.40	cps
Selenium	82-1	71	75	62	69	9.38	cps
Silicon	28-1	166631	162334	177233	168733	4.55	cps
Silver	109-1	17	50	17	28	69.27	cps
Silver	107-1	50	50	108	69	48.50	cps
Sodium	23-2	6427	6410	6160	6332	2.36	cps
Strontium	86-1	1058	1083	983	1042	5.00	cps
Strontium	88-1	8803	9028	9162	8998	2.01	cps
Sulfur	34-1	45588	45713	46867	46056	1.53	cps
Terbium	159-1	1553065	1575489	1567859	1565471	0.73	cps
Terbium	159-2	1644216	1642334	1655616	1647389	0.44	cps
Thallium	203-1	50	42	17	36	48.03	cps
Thallium	205-1	67	108	75	83	26.46	cps
Tin	118-1	417	483	358	419	14.91	cps
Titanium	47-1	3317	3309	3484	3370	2.93	cps
Uranium	238-1	458	383	275	372	24.76	cps
Vanadium	51-2	800	797	777	791	1.60	cps
Yttrium	89-1	957326	952325	958988	956213	0.36	cps
Yttrium	89-2	364671	364315	366000	364995	0.24	cps
Zinc	66-2	817	853	760	810	5.81	cps
Zirconium	90-1	350	150	300	267	39.03	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-05DLX20	Instrumnet Name :	P7
Client Sample ID :	B-38(1-3)_100917	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:27:04	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	50	67	92	69	30.20	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-06DLX20	Instrumnet Name :	P7
Client Sample ID :	B-8(5-6.25)_101017	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:30:35	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16393	16485	17077	16652	2.23	cps
Antimony	121-1	108	92	42	81	43.07	cps
Arsenic	75-2	31	22	24	26	18.90	cps
Barium	135-1	2350	2075	2425	2284	8.07	cps
Barium	137-1	4209	4276	4301	4262	1.11	cps
Beryllium	9-1	28	17	33	26	32.72	cps
Bismuth	209-1	1338775	1324820	1330416	1331337	0.53	cps
Bismuth	209-2	1336130	1352133	1344889	1344384	0.60	cps
Boron	10-1	58	58	58	58	0.00	cps
Boron	11-1	300	283	242	275	10.93	cps
Cadmium	111-1	341	261	298	300	13.34	cps
Cadmium	106-1	483	383	408	425	12.25	cps
Cadmium	108-1	8	17	0	8	100.02	cps
Calcium	43-1	12931	12956	12981	12956	0.19	cps
Calcium	44-1	213818	212060	210508	212129	0.78	cps
Chromium	52-2	897	953	1030	960	6.97	cps
Cobalt	59-2	563	487	600	550	10.52	cps
Copper	63-2	2707	2677	2787	2724	2.09	cps
Dysprosium	156-1	267	392	458	372	26.14	cps
Dysprosium	156-2	450	487	443	460	5.07	cps
Erbium	164-1	450	542	558	517	11.29	cps
Erbium	164-2	400	417	460	426	7.28	cps
Gadolinium	160-1	550	492	342	461	23.31	cps
Gadolinium	160-2	600	673	667	647	6.27	cps
Holmium	165-1	1619444	1591803	1605065	1605437	0.86	cps
Holmium	165-2	1664883	1672375	1676016	1671091	0.34	cps
Indium	115-1	1164258	1160933	1157405	1160866	0.30	cps
Indium	115-2	569433	574247	573030	572237	0.44	cps
Iron	56-2	573225	570973	569372	571190	0.34	cps
Iron	57-2	13818	14235	13607	13887	2.30	cps
Lead	206-1	10327	9693	10149	10056	3.25	cps
Lead	207-1	8798	8208	8381	8462	3.58	cps
Lead	208-1	40620	38551	39708	39626	2.62	cps
Lithium	6-1	362128	362064	359039	361077	0.49	cps
Magnesium	24-2	13415	13824	14091	13776	2.47	cps
Manganese	55-2	15889	15819	15829	15845	0.24	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-06DLX20	Instrumnet Name :	P7
Client Sample ID :	B-8(5-6.25)_101017	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:30:35	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	92	125	83	100	22.05	cps
Molybdenum	95-1	42	83	17	47	71.32	cps
Molybdenum	96-1	50	83	100	78	32.73	cps
Molybdenum	97-1	50	42	25	39	32.73	cps
Molybdenum	98-1	50	75	58	61	20.83	cps
Neodymium	150-1	613	673	560	616	9.21	cps
Neodymium	150-2	523	527	623	558	10.18	cps
Nickel	60-2	377	297	327	333	12.12	cps
Phosphorus	31-2	108	92	75	92	18.18	cps
Potassium	39-2	11121	11280	11763	11388	2.94	cps
Rhodium	103-1	1115533	1124163	1116906	1118867	0.41	cps
Rhodium	103-2	870537	878299	875177	874671	0.45	cps
Scandium	45-1	623942	626230	627740	625971	0.31	cps
Scandium	45-2	55704	55681	54289	55225	1.47	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	61	76	54	64	17.80	cps
Selenium	82-1	80	73	61	71	13.09	cps
Silicon	28-1	79463	78682	85623	81256	4.68	cps
Silver	109-1	42	58	75	58	28.57	cps
Silver	107-1	58	83	50	64	27.15	cps
Sodium	23-2	6435	6085	6327	6282	2.85	cps
Strontium	86-1	1392	1483	1250	1375	8.55	cps
Strontium	88-1	11088	10162	10604	10618	4.36	cps
Sulfur	34-1	44141	44659	45019	44607	0.99	cps
Terbium	159-1	1619751	1613373	1620573	1617899	0.24	cps
Terbium	159-2	1661917	1663982	1657046	1660982	0.21	cps
Thallium	203-1	33	8	25	22	57.29	cps
Thallium	205-1	50	83	50	61	31.50	cps
Tin	118-1	417	442	367	408	9.35	cps
Titanium	47-1	1642	2067	1834	1847	11.52	cps
Uranium	238-1	300	292	175	256	27.35	cps
Vanadium	51-2	630	630	703	654	6.47	cps
Yttrium	89-1	997587	987080	986302	990323	0.64	cps
Yttrium	89-2	371510	371449	369774	370911	0.27	cps
Zinc	66-2	1020	1090	1053	1055	3.32	cps
Zirconium	90-1	225	167	217	203	15.56	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-06DLX20	Instrumnet Name :	P7
Client Sample ID :	B-8(5-6.25)_101017	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:30:35	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	58	33	17	36	58.08	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-07DLX20	Instrumnet Name :	P7
Client Sample ID :	B-8(1.5-2.5)_101017	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:34:06	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21383	21208	21341	21310	0.43	cps
Antimony	121-1	75	150	133	119	32.97	cps
Arsenic	75-2	33	37	35	35	5.27	cps
Barium	135-1	1792	1850	1834	1825	1.65	cps
Barium	137-1	3242	3434	3342	3339	2.87	cps
Beryllium	9-1	44	17	17	26	61.85	cps
Bismuth	209-1	1315136	1292381	1279100	1295539	1.41	cps
Bismuth	209-2	1290328	1304245	1305479	1300017	0.65	cps
Boron	10-1	83	17	58	53	63.81	cps
Boron	11-1	192	450	283	308	42.48	cps
Cadmium	111-1	393	302	313	336	14.72	cps
Cadmium	106-1	483	367	400	417	14.42	cps
Cadmium	108-1	0	25	0	8	173.21	cps
Calcium	43-1	1925	1900	1825	1884	2.76	cps
Calcium	44-1	30366	31292	30374	30677	1.74	cps
Chromium	52-2	1127	940	953	1007	10.35	cps
Cobalt	59-2	623	610	653	629	3.53	cps
Copper	63-2	3694	3731	4087	3837	5.66	cps
Dysprosium	156-1	383	367	300	350	12.60	cps
Dysprosium	156-2	387	347	320	351	9.56	cps
Erbium	164-1	317	400	333	350	12.60	cps
Erbium	164-2	227	280	337	281	19.57	cps
Gadolinium	160-1	350	275	367	331	14.77	cps
Gadolinium	160-2	480	453	537	490	8.69	cps
Holmium	165-1	1572023	1565734	1543105	1560287	0.97	cps
Holmium	165-2	1611302	1628657	1626930	1622296	0.59	cps
Indium	115-1	1157057	1145071	1137452	1146527	0.86	cps
Indium	115-2	556983	559183	564739	560302	0.71	cps
Iron	56-2	687748	686525	689243	687839	0.20	cps
Iron	57-2	17377	17010	16904	17097	1.45	cps
Lead	206-1	12901	12573	12706	12727	1.30	cps
Lead	207-1	10944	11311	10649	10968	3.02	cps
Lead	208-1	51324	50606	49749	50559	1.56	cps
Lithium	6-1	361988	360911	357386	360095	0.67	cps
Magnesium	24-2	9762	10346	10062	10057	2.90	cps
Manganese	55-2	20324	20000	20187	20171	0.81	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-07DLX20	Instrumnet Name :	P7
Client Sample ID :	B-8(1.5-2.5)_101017	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:34:06	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	92	125	83	100	22.05	cps
Molybdenum	95-1	58	17	17	31	78.72	cps
Molybdenum	96-1	33	42	67	47	36.73	cps
Molybdenum	97-1	8	50	17	25	88.19	cps
Molybdenum	98-1	92	83	75	83	10.00	cps
Neodymium	150-1	500	527	480	502	4.66	cps
Neodymium	150-2	410	500	443	451	10.09	cps
Nickel	60-2	297	323	323	314	4.90	cps
Phosphorus	31-2	58	100	108	89	30.13	cps
Potassium	39-2	10421	10196	10212	10276	1.22	cps
Rhodium	103-1	1108411	1103147	1102918	1104825	0.28	cps
Rhodium	103-2	850101	854692	857041	853945	0.41	cps
Scandium	45-1	627479	621784	615848	621704	0.94	cps
Scandium	45-2	54423	54952	55524	54966	1.00	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	94	59	52	69	33.22	cps
Selenium	82-1	81	55	79	72	20.13	cps
Silicon	28-1	82084	81154	79605	80948	1.55	cps
Silver	109-1	100	133	92	108	20.35	cps
Silver	107-1	100	75	83	86	14.79	cps
Sodium	23-2	6368	6126	6377	6290	2.26	cps
Strontium	86-1	1125	967	858	983	13.64	cps
Strontium	88-1	8470	7836	8236	8180	3.92	cps
Sulfur	34-1	43841	44827	44175	44281	1.13	cps
Terbium	159-1	1595207	1583260	1555917	1578128	1.28	cps
Terbium	159-2	1598051	1615004	1612842	1608633	0.57	cps
Thallium	203-1	25	33	8	22	57.29	cps
Thallium	205-1	108	125	42	92	48.10	cps
Tin	118-1	575	500	450	508	12.38	cps
Titanium	47-1	2109	2234	2175	2172	2.88	cps
Uranium	238-1	517	308	267	364	36.81	cps
Vanadium	51-2	767	723	730	740	3.15	cps
Yttrium	89-1	976107	972904	954968	967993	1.18	cps
Yttrium	89-2	360451	363047	365123	362874	0.65	cps
Zinc	66-2	2464	2257	2317	2346	4.53	cps
Zirconium	90-1	217	217	208	214	2.25	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-07DLX20	Instrumnet Name :	P7
Client Sample ID :	B-8(1.5-2.5)_101017	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:34:06	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	33	58	42	44	28.65	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-08DLX20	Instrumnet Name :	P7
Client Sample ID :	B-7(0.5-1.5)_101017	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:37:38	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17519	17836	17010	17455	2.39	cps
Antimony	121-1	275	225	217	239	13.21	cps
Arsenic	75-2	48	37	28	38	27.08	cps
Barium	135-1	15401	14784	15176	15120	2.07	cps
Barium	137-1	26593	26752	25842	26396	1.84	cps
Beryllium	9-1	22	56	17	31	66.81	cps
Bismuth	209-1	1243341	1224322	1222283	1229982	0.94	cps
Bismuth	209-2	1278415	1292013	1263105	1277844	1.13	cps
Boron	10-1	17	25	50	31	56.77	cps
Boron	11-1	217	217	142	192	22.59	cps
Cadmium	111-1	358	292	340	330	10.32	cps
Cadmium	106-1	450	392	458	433	8.38	cps
Cadmium	108-1	4	4	8	6	43.22	cps
Calcium	43-1	917	1083	1242	1081	15.04	cps
Calcium	44-1	19530	18913	20098	19514	3.04	cps
Chromium	52-2	1513	1570	1473	1519	3.20	cps
Cobalt	59-2	563	513	540	539	4.64	cps
Copper	63-2	3574	3621	3307	3500	4.83	cps
Dysprosium	156-1	408	358	325	364	11.53	cps
Dysprosium	156-2	367	330	337	344	5.67	cps
Erbium	164-1	358	358	342	353	2.73	cps
Erbium	164-2	333	290	307	310	7.05	cps
Gadolinium	160-1	450	392	308	383	18.57	cps
Gadolinium	160-2	633	557	557	582	7.60	cps
Holmium	165-1	1492647	1480349	1468091	1480362	0.83	cps
Holmium	165-2	1603852	1615799	1579506	1599719	1.16	cps
Indium	115-1	1111477	1091497	1099296	1100757	0.91	cps
Indium	115-2	559029	561276	554165	558157	0.65	cps
Iron	56-2	653379	658729	655583	655897	0.41	cps
Iron	57-2	15937	16321	16387	16215	1.50	cps
Lead	206-1	56677	55611	54339	55542	2.11	cps
Lead	207-1	46398	45500	45545	45815	1.10	cps
Lead	208-1	220378	215103	213276	216252	1.71	cps
Lithium	6-1	356060	350993	350765	352606	0.85	cps
Magnesium	24-2	10971	10704	10838	10838	1.23	cps
Manganese	55-2	27038	28060	27122	27407	2.07	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-08DLX20	Instrumnet Name :	P7
Client Sample ID :	B-7(0.5-1.5)_101017	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:37:38	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	100	92	58	83	26.46	cps
Molybdenum	95-1	50	100	83	78	32.74	cps
Molybdenum	96-1	33	67	75	58	37.80	cps
Molybdenum	97-1	50	58	17	42	52.91	cps
Molybdenum	98-1	50	58	92	67	33.07	cps
Neodymium	150-1	467	500	427	464	7.91	cps
Neodymium	150-2	443	397	420	420	5.56	cps
Nickel	60-2	367	307	317	330	9.74	cps
Phosphorus	31-2	92	125	150	122	23.95	cps
Potassium	39-2	14082	13423	12898	13468	4.41	cps
Rhodium	103-1	1075352	1061740	1049050	1062047	1.24	cps
Rhodium	103-2	846440	852635	839337	846137	0.79	cps
Scandium	45-1	607086	596117	596695	599966	1.03	cps
Scandium	45-2	55383	56417	54594	55465	1.65	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	72	67	56	65	13.09	cps
Selenium	82-1	65	60	56	60	7.51	cps
Silicon	28-1	73792	72452	71137	72460	1.83	cps
Silver	109-1	83	83	133	100	28.87	cps
Silver	107-1	125	67	108	100	30.05	cps
Sodium	23-2	6793	6060	6568	6474	5.81	cps
Strontium	86-1	983	758	850	864	13.10	cps
Strontium	88-1	6744	6502	7310	6852	6.06	cps
Sulfur	34-1	45479	44292	45571	45114	1.58	cps
Terbium	159-1	1511500	1486348	1483578	1493809	1.03	cps
Terbium	159-2	1594835	1594420	1573034	1587430	0.79	cps
Thallium	203-1	17	75	33	42	72.11	cps
Thallium	205-1	117	108	75	100	22.05	cps
Tin	118-1	825	908	942	892	6.74	cps
Titanium	47-1	2009	2000	1767	1925	7.13	cps
Uranium	238-1	308	275	267	283	7.78	cps
Vanadium	51-2	687	763	783	744	6.86	cps
Yttrium	89-1	934643	917048	913038	921577	1.25	cps
Yttrium	89-2	363686	365857	361995	363846	0.53	cps
Zinc	66-2	4617	4597	4658	4624	0.66	cps
Zirconium	90-1	175	158	142	158	10.53	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-08DLX20	Instrumnet Name :	P7
Client Sample ID :	B-7(0.5-1.5)_101017	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:37:38	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	50	33	25	36	35.25	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-09DLX20	Instrumnet Name :	P7
Client Sample ID :	B-7(5-6)_101017	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:41:09	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13532	13540	12856	13309	2.95	cps
Antimony	121-1	67	83	108	86	24.35	cps
Arsenic	75-2	35	63	59	52	28.74	cps
Barium	135-1	2042	1859	1942	1947	4.71	cps
Barium	137-1	3050	3234	3401	3228	5.42	cps
Beryllium	9-1	28	28	22	26	12.38	cps
Bismuth	209-1	1221339	1222245	1224726	1222770	0.14	cps
Bismuth	209-2	1275953	1282542	1287655	1282050	0.46	cps
Boron	10-1	67	67	58	64	7.53	cps
Boron	11-1	283	225	267	258	11.63	cps
Cadmium	111-1	326	258	284	289	11.93	cps
Cadmium	106-1	442	350	392	394	11.64	cps
Cadmium	108-1	0	0	4	1	173.21	cps
Calcium	43-1	1050	1042	783	958	15.82	cps
Calcium	44-1	16877	16360	16435	16557	1.69	cps
Chromium	52-2	923	870	913	902	3.14	cps
Cobalt	59-2	507	390	420	439	13.80	cps
Copper	63-2	2480	2344	2450	2425	2.96	cps
Dysprosium	156-1	317	292	225	278	17.06	cps
Dysprosium	156-2	307	277	367	317	14.47	cps
Erbium	164-1	283	175	300	253	26.85	cps
Erbium	164-2	273	280	313	289	7.42	cps
Gadolinium	160-1	333	275	333	314	10.73	cps
Gadolinium	160-2	383	447	443	424	8.40	cps
Holmium	165-1	1458855	1474682	1474110	1469216	0.61	cps
Holmium	165-2	1599887	1599560	1601970	1600472	0.08	cps
Indium	115-1	1097565	1102040	1102775	1100793	0.26	cps
Indium	115-2	559162	561033	556229	558808	0.43	cps
Iron	56-2	951476	960850	961972	958100	0.60	cps
Iron	57-2	23475	23302	23848	23542	1.18	cps
Lead	206-1	4284	4229	4368	4293	1.63	cps
Lead	207-1	3717	3606	3551	3625	2.34	cps
Lead	208-1	17155	17316	17244	17238	0.47	cps
Lithium	6-1	354686	354575	357651	355637	0.49	cps
Magnesium	24-2	6485	6485	6285	6418	1.80	cps
Manganese	55-2	18011	18271	18108	18130	0.73	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-09DLX20	Instrumnet Name :	P7
Client Sample ID :	B-7(5-6)_101017	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:41:09	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	83	125	167	125	33.33	cps
Molybdenum	95-1	50	100	108	86	36.64	cps
Molybdenum	96-1	150	117	142	136	12.75	cps
Molybdenum	97-1	42	42	58	47	20.38	cps
Molybdenum	98-1	117	58	117	97	34.64	cps
Neodymium	150-1	440	340	393	391	12.79	cps
Neodymium	150-2	343	340	420	368	12.31	cps
Nickel	60-2	307	307	280	298	5.17	cps
Phosphorus	31-2	67	100	75	81	21.53	cps
Potassium	39-2	11597	11271	11622	11497	1.70	cps
Rhodium	103-1	1054144	1065546	1062781	1060824	0.56	cps
Rhodium	103-2	845884	847913	847387	847061	0.12	cps
Scandium	45-1	600026	610730	608153	606303	0.92	cps
Scandium	45-2	55403	54273	55808	55161	1.44	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	57	65	67	63	7.78	cps
Selenium	82-1	66	49	56	57	14.78	cps
Silicon	28-1	90146	88571	95344	91353	3.88	cps
Silver	109-1	75	42	42	53	36.47	cps
Silver	107-1	75	58	33	56	37.75	cps
Sodium	23-2	5868	6310	6293	6157	4.07	cps
Strontium	86-1	692	692	692	692	0.00	cps
Strontium	88-1	5034	4884	4951	4957	1.52	cps
Sulfur	34-1	46014	46842	45136	45997	1.85	cps
Terbium	159-1	1481125	1492355	1492698	1488726	0.44	cps
Terbium	159-2	1584553	1590477	1581955	1585661	0.28	cps
Thallium	203-1	42	58	42	47	20.38	cps
Thallium	205-1	125	92	83	100	22.05	cps
Tin	118-1	225	358	425	336	30.30	cps
Titanium	47-1	1934	1892	1875	1900	1.58	cps
Uranium	238-1	283	158	375	272	39.95	cps
Vanadium	51-2	607	617	613	612	0.83	cps
Yttrium	89-1	920734	922916	919109	920920	0.21	cps
Yttrium	89-2	362055	363624	363870	363183	0.27	cps
Zinc	66-2	1787	1767	1640	1731	4.59	cps
Zirconium	90-1	350	400	333	361	9.61	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-09DLX20	Instrumnet Name :	P7
Client Sample ID :	B-7(5-6)_101017	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:41:09	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	17	108	58	61	75.10	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-10DLX20	Instrumnet Name :	P7
Client Sample ID :	DUP-4	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:44:41	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18295	18479	19080	18618	2.20	cps
Antimony	121-1	292	242	225	253	13.73	cps
Arsenic	75-2	31	37	43	37	15.00	cps
Barium	135-1	17495	17804	17345	17548	1.33	cps
Barium	137-1	29265	29015	29775	29352	1.32	cps
Beryllium	9-1	33	17	22	24	35.24	cps
Bismuth	209-1	1208590	1193137	1202487	1201405	0.65	cps
Bismuth	209-2	1268524	1274218	1272727	1271823	0.23	cps
Boron	10-1	100	92	108	100	8.33	cps
Boron	11-1	608	517	433	519	16.85	cps
Cadmium	111-1	275	380	363	339	16.62	cps
Cadmium	106-1	333	450	450	411	16.39	cps
Cadmium	108-1	0	8	8	6	86.60	cps
Calcium	43-1	5635	5801	5585	5674	2.00	cps
Calcium	44-1	96565	95542	94646	95584	1.00	cps
Chromium	52-2	1650	1900	1783	1778	7.04	cps
Cobalt	59-2	977	923	840	913	7.54	cps
Copper	63-2	4234	4161	3981	4125	3.16	cps
Dysprosium	156-1	283	142	150	192	41.48	cps
Dysprosium	156-2	180	270	227	226	19.96	cps
Erbium	164-1	167	292	175	211	33.10	cps
Erbium	164-2	207	193	187	196	5.21	cps
Gadolinium	160-1	258	250	158	222	24.97	cps
Gadolinium	160-2	367	317	410	364	12.81	cps
Holmium	165-1	1458778	1437364	1449591	1448578	0.74	cps
Holmium	165-2	1589303	1601454	1593568	1594775	0.39	cps
Indium	115-1	1088508	1082418	1083733	1084886	0.30	cps
Indium	115-2	556935	561497	557179	558537	0.46	cps
Iron	56-2	802248	810328	801949	804842	0.59	cps
Iron	57-2	19903	20092	19764	19920	0.83	cps
Lead	206-1	105892	104883	104122	104965	0.85	cps
Lead	207-1	87090	87745	86184	87006	0.90	cps
Lead	208-1	411190	407788	407177	408718	0.53	cps
Lithium	6-1	355036	351647	354460	353714	0.51	cps
Magnesium	24-2	20456	21341	20999	20932	2.13	cps
Manganese	55-2	22147	22971	22254	22457	2.00	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-10DLX20	Instrumnet Name :	P7
Client Sample ID :	DUP-4	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:44:41	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	125	75	125	108	26.65	cps
Molybdenum	95-1	50	58	67	58	14.29	cps
Molybdenum	96-1	100	33	108	81	51.04	cps
Molybdenum	97-1	67	8	17	31	103.26	cps
Molybdenum	98-1	117	125	117	119	4.03	cps
Neodymium	150-1	293	427	333	351	19.49	cps
Neodymium	150-2	290	270	210	257	16.22	cps
Nickel	60-2	423	390	437	417	5.77	cps
Phosphorus	31-2	125	133	150	136	9.35	cps
Potassium	39-2	11905	11814	11663	11794	1.04	cps
Rhodium	103-1	1047772	1042645	1049168	1046528	0.33	cps
Rhodium	103-2	845464	843596	841362	843474	0.24	cps
Scandium	45-1	595358	592561	593979	593966	0.24	cps
Scandium	45-2	54741	55106	54965	54937	0.33	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	61	41	52	51	19.91	cps
Selenium	82-1	75	65	57	66	13.44	cps
Silicon	28-1	164877	164990	165066	164978	0.06	cps
Silver	109-1	75	108	92	92	18.18	cps
Silver	107-1	75	92	108	92	18.18	cps
Sodium	23-2	8611	8336	8394	8447	1.72	cps
Strontium	86-1	2167	2300	2567	2345	8.69	cps
Strontium	88-1	20298	20081	20457	20279	0.93	cps
Sulfur	34-1	45972	46490	44534	45665	2.22	cps
Terbium	159-1	1480284	1465489	1465862	1470545	0.57	cps
Terbium	159-2	1576610	1585701	1584684	1582331	0.31	cps
Thallium	203-1	8	50	33	31	68.64	cps
Thallium	205-1	108	58	33	67	57.29	cps
Tin	118-1	7611	7202	7319	7377	2.85	cps
Titanium	47-1	3592	3259	3401	3417	4.90	cps
Uranium	238-1	150	317	200	222	38.49	cps
Vanadium	51-2	1140	1040	1160	1113	5.77	cps
Yttrium	89-1	913841	903758	912613	910071	0.60	cps
Yttrium	89-2	362035	362383	361763	362060	0.09	cps
Zinc	66-2	8032	8246	8389	8222	2.18	cps
Zirconium	90-1	283	342	217	281	22.29	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-10DLX20	Instrumnet Name :	P7
Client Sample ID :	DUP-4	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:44:41	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	75	83	50	69	24.98	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-11DLX20	Instrumnet Name :	P7
Client Sample ID :	B-66(1.5-2.5)_101017	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:48:13	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23453	22918	23127	23166	1.16	cps
Antimony	121-1	300	275	283	286	4.45	cps
Arsenic	75-2	37	44	61	48	25.94	cps
Barium	135-1	11072	11338	11088	11166	1.34	cps
Barium	137-1	19348	19665	19531	19515	0.82	cps
Beryllium	9-1	39	28	39	35	18.23	cps
Bismuth	209-1	1232164	1205679	1209127	1215657	1.18	cps
Bismuth	209-2	1257010	1243533	1252214	1250919	0.55	cps
Boron	10-1	83	42	117	81	46.64	cps
Boron	11-1	558	525	425	503	13.80	cps
Cadmium	111-1	307	271	312	297	7.59	cps
Cadmium	106-1	383	333	408	375	10.18	cps
Cadmium	108-1	4	0	4	3	86.60	cps
Calcium	43-1	11813	12397	11622	11944	3.38	cps
Calcium	44-1	204374	205362	201104	203613	1.09	cps
Chromium	52-2	2417	2424	2624	2488	4.72	cps
Cobalt	59-2	607	650	667	641	4.83	cps
Copper	63-2	4804	4888	4794	4829	1.06	cps
Dysprosium	156-1	175	292	233	233	25.00	cps
Dysprosium	156-2	257	270	233	253	7.33	cps
Erbium	164-1	225	350	367	314	24.67	cps
Erbium	164-2	257	313	280	283	10.05	cps
Gadolinium	160-1	292	392	242	308	24.77	cps
Gadolinium	160-2	407	413	467	429	7.67	cps
Holmium	165-1	1474280	1472331	1441876	1462829	1.24	cps
Holmium	165-2	1577745	1561627	1567087	1568820	0.52	cps
Indium	115-1	1097143	1089993	1087638	1091591	0.45	cps
Indium	115-2	554652	546150	552378	551060	0.80	cps
Iron	56-2	828875	817379	827473	824576	0.76	cps
Iron	57-2	20270	20320	20164	20251	0.39	cps
Lead	206-1	75279	75129	73660	74689	1.20	cps
Lead	207-1	63044	64596	62246	63295	1.89	cps
Lead	208-1	296920	295933	294284	295712	0.45	cps
Lithium	6-1	357282	355467	354465	355738	0.40	cps
Magnesium	24-2	16343	16143	15817	16101	1.65	cps
Manganese	55-2	9126	8896	8756	8926	2.09	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-11DLX20	Instrumnet Name :	P7
Client Sample ID :	B-66(1.5-2.5)_101017	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:48:13	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	367	233	350	317	22.94	cps
Molybdenum	95-1	25	58	50	44	39.04	cps
Molybdenum	96-1	158	150	125	144	12.01	cps
Molybdenum	97-1	25	42	33	33	25.01	cps
Molybdenum	98-1	108	117	83	103	16.88	cps
Neodymium	150-1	320	353	227	300	21.89	cps
Neodymium	150-2	287	287	310	294	4.58	cps
Nickel	60-2	547	570	500	539	6.61	cps
Phosphorus	31-2	142	150	233	175	28.97	cps
Potassium	39-2	12589	12414	12080	12361	2.09	cps
Rhodium	103-1	1059054	1056252	1045580	1053629	0.67	cps
Rhodium	103-2	832787	826899	839761	833149	0.77	cps
Scandium	45-1	600769	595831	596325	597642	0.46	cps
Scandium	45-2	54637	54192	55480	54770	1.19	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	61	91	70	74	20.46	cps
Selenium	82-1	51	44	54	50	10.48	cps
Silicon	28-1	856569	845120	851329	851006	0.67	cps
Silver	109-1	150	67	133	117	37.80	cps
Silver	107-1	142	167	158	156	8.19	cps
Sodium	23-2	9211	9220	9395	9275	1.12	cps
Strontium	86-1	6794	6644	6477	6638	2.39	cps
Strontium	88-1	60948	61710	59776	60811	1.60	cps
Sulfur	34-1	45521	45863	46072	45819	0.61	cps
Terbium	159-1	1478704	1487402	1463524	1476543	0.82	cps
Terbium	159-2	1561807	1549864	1566540	1559404	0.55	cps
Thallium	203-1	17	17	75	36	93.25	cps
Thallium	205-1	117	108	108	111	4.33	cps
Tin	118-1	767	800	633	733	12.03	cps
Titanium	47-1	4759	4843	4968	4857	2.16	cps
Uranium	238-1	317	333	258	303	13.01	cps
Vanadium	51-2	877	927	940	914	3.65	cps
Yttrium	89-1	916724	913148	902781	910884	0.80	cps
Yttrium	89-2	358545	355601	361124	358423	0.77	cps
Zinc	66-2	5174	5248	5384	5269	2.02	cps
Zirconium	90-1	867	800	633	767	15.68	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-11DLX20	Instrumnet Name :	P7
Client Sample ID :	B-66(1.5-2.5)_101017	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:48:13	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	150	150	167	156	6.18	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-12DLX20	Instrumnet Name :	P7
Client Sample ID :	B-67(1.5-2.5)_101017	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:51:46	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18804	19639	18696	19046	2.71	cps
Antimony	121-1	75	33	42	50	44.10	cps
Arsenic	75-2	28	22	11	20	41.67	cps
Barium	135-1	2050	1934	1892	1959	4.19	cps
Barium	137-1	3542	3292	3801	3545	7.17	cps
Beryllium	9-1	44	22	39	35	32.88	cps
Bismuth	209-1	1229606	1242101	1235657	1235788	0.51	cps
Bismuth	209-2	1274907	1279893	1287952	1280917	0.51	cps
Boron	10-1	50	92	83	75	29.40	cps
Boron	11-1	450	383	375	403	10.21	cps
Cadmium	111-1	267	279	308	285	7.47	cps
Cadmium	106-1	375	383	433	397	7.94	cps
Cadmium	108-1	29	21	17	22	28.64	cps
Calcium	43-1	7502	7952	8361	7939	5.41	cps
Calcium	44-1	130347	130652	129793	130264	0.33	cps
Chromium	52-2	1153	1080	1250	1161	7.34	cps
Cobalt	59-2	747	670	720	712	5.47	cps
Copper	63-2	4077	4501	4527	4369	5.78	cps
Dysprosium	156-1	475	292	400	389	23.70	cps
Dysprosium	156-2	343	423	347	371	12.20	cps
Erbium	164-1	533	283	442	419	30.15	cps
Erbium	164-2	357	393	337	362	7.93	cps
Gadolinium	160-1	317	358	433	369	16.00	cps
Gadolinium	160-2	577	530	567	558	4.41	cps
Holmium	165-1	1470512	1495079	1487013	1484201	0.84	cps
Holmium	165-2	1596679	1601355	1606817	1601617	0.32	cps
Indium	115-1	1103893	1103336	1110595	1105941	0.37	cps
Indium	115-2	554935	556278	557219	556144	0.21	cps
Iron	56-2	832588	832139	831507	832078	0.07	cps
Iron	57-2	20120	20871	21310	20767	2.90	cps
Lead	206-1	8181	8181	8142	8168	0.28	cps
Lead	207-1	6885	6752	6885	6841	1.13	cps
Lead	208-1	32294	31677	31793	31921	1.03	cps
Lithium	6-1	356752	356232	358108	357031	0.27	cps
Magnesium	24-2	13431	13649	13607	13562	0.85	cps
Manganese	55-2	18989	18809	19376	19058	1.52	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-12DLX20	Instrumnet Name :	P7
Client Sample ID :	B-67(1.5-2.5)_101017	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:51:46	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	200	217	300	239	22.43	cps
Molybdenum	95-1	67	108	108	94	25.47	cps
Molybdenum	96-1	108	142	133	128	13.57	cps
Molybdenum	97-1	33	75	67	58	37.79	cps
Molybdenum	98-1	167	200	158	175	12.60	cps
Neodymium	150-1	493	507	507	502	1.53	cps
Neodymium	150-2	447	457	447	450	1.28	cps
Nickel	60-2	700	787	797	761	6.98	cps
Phosphorus	31-2	117	100	133	117	14.29	cps
Potassium	39-2	11513	12039	11789	11780	2.23	cps
Rhodium	103-1	1069293	1064423	1068248	1067321	0.24	cps
Rhodium	103-2	838466	846985	848434	844628	0.64	cps
Scandium	45-1	603136	599755	597198	600030	0.50	cps
Scandium	45-2	54948	55055	54945	54983	0.11	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	56	56	57	56	1.90	cps
Selenium	82-1	54	58	75	62	18.17	cps
Silicon	28-1	513452	513941	511888	513094	0.21	cps
Silver	109-1	83	75	125	94	28.37	cps
Silver	107-1	108	42	158	103	56.95	cps
Sodium	23-2	7969	7894	7927	7930	0.47	cps
Strontium	86-1	2959	3392	3292	3214	7.06	cps
Strontium	88-1	26776	28621	28079	27825	3.41	cps
Sulfur	34-1	45102	45144	45546	45264	0.54	cps
Terbium	159-1	1507546	1501786	1495363	1501565	0.41	cps
Terbium	159-2	1573929	1593564	1589550	1585681	0.65	cps
Thallium	203-1	25	25	50	33	43.30	cps
Thallium	205-1	83	100	67	83	20.00	cps
Tin	118-1	308	300	275	294	5.89	cps
Titanium	47-1	3501	3592	3384	3492	2.99	cps
Uranium	238-1	308	233	233	258	16.76	cps
Vanadium	51-2	977	930	867	924	5.97	cps
Yttrium	89-1	924682	933944	930344	929657	0.50	cps
Yttrium	89-2	358779	359883	360768	359810	0.28	cps
Zinc	66-2	1453	1347	1317	1372	5.23	cps
Zirconium	90-1	583	392	567	514	20.66	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-12DLX20	Instrumnet Name :	P7
Client Sample ID :	B-67(1.5-2.5)_101017	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 13:51:46	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	92	142	122	21.92	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	CCV078	Instrumnet Name :	P7
Client Sample ID :	CCV078	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 13:55:18	DataFile Name :	049CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1730550	1735142	1736856	1734183	0.19	cps
Antimony	121-1	667391	670732	678166	672096	0.82	cps
Arsenic	75-2	49816	49086	49647	49517	0.77	cps
Barium	135-1	756410	765307	765959	762559	0.70	cps
Barium	137-1	1318150	1323414	1339461	1327008	0.84	cps
Beryllium	9-1	177842	182454	178449	179582	1.40	cps
Bismuth	209-1	1109266	1102669	1113049	1108328	0.47	cps
Bismuth	209-2	1201104	1217496	1220878	1213159	0.87	cps
Boron	10-1	20223	20348	20757	20442	1.37	cps
Boron	11-1	92642	93674	97079	94465	2.46	cps
Cadmium	111-1	161443	163370	161835	162216	0.63	cps
Cadmium	106-1	16719	16978	16177	16624	2.46	cps
Cadmium	108-1	11434	11538	11355	11442	0.80	cps
Calcium	43-1	748550	759152	771745	759816	1.53	cps
Calcium	44-1	12834435	13018664	13018898	12957332	0.82	cps
Chromium	52-2	313416	316267	314913	314865	0.45	cps
Cobalt	59-2	498135	501457	503730	501107	0.56	cps
Copper	63-2	716550	716997	724844	719463	0.65	cps
Dysprosium	156-1	25	17	25	22	21.64	cps
Dysprosium	156-2	13	23	33	23	42.86	cps
Erbium	164-1	50	42	42	44	10.82	cps
Erbium	164-2	7	7	0	4	86.60	cps
Gadolinium	160-1	33	67	75	58	37.80	cps
Gadolinium	160-2	157	197	173	176	11.44	cps
Holmium	165-1	1421158	1431698	1443827	1432228	0.79	cps
Holmium	165-2	1639032	1645614	1664012	1649553	0.78	cps
Indium	115-1	1052128	1048685	1062481	1054431	0.68	cps
Indium	115-2	563058	566894	574931	568294	1.07	cps
Iron	56-2	76750529	77412799	77516571	77226633	0.54	cps
Iron	57-2	1890977	1900880	1918432	1903430	0.73	cps
Lead	206-1	616551	614294	612160	614335	0.36	cps
Lead	207-1	556240	556318	554751	555770	0.16	cps
Lead	208-1	2514534	2512738	2503414	2510229	0.24	cps
Lithium	6-1	339223	341776	344719	341906	0.80	cps
Magnesium	24-2	12517748	12451400	12456970	12475373	0.30	cps
Manganese	55-2	490651	488077	489005	489244	0.27	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	CCV078	Instrumnet Name :	P7
Client Sample ID :	CCV078	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 13:55:18	DataFile Name :	049CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	535761	539413	549148	541441	1.28	cps
Molybdenum	95-1	302407	303051	308344	304601	1.07	cps
Molybdenum	96-1	389854	397436	395388	394226	0.99	cps
Molybdenum	97-1	189666	190158	191846	190557	0.60	cps
Molybdenum	98-1	492733	496382	504488	497868	1.21	cps
Neodymium	150-1	53	73	53	60	19.24	cps
Neodymium	150-2	20	30	17	22	31.22	cps
Nickel	60-2	133568	135069	135132	134590	0.66	cps
Phosphorus	31-2	19213	19055	19513	19260	1.21	cps
Potassium	39-2	7018097	7072357	7061920	7050791	0.41	cps
Rhodium	103-1	982057	988429	1001096	990527	0.98	cps
Rhodium	103-2	820971	827126	832562	826886	0.70	cps
Scandium	45-1	603763	611941	615218	610307	0.97	cps
Scandium	45-2	61286	61346	61708	61447	0.37	cps
Selenium	77-2	1293	1373	1267	1311	4.23	cps
Selenium	78-2	4495	4451	4445	4464	0.61	cps
Selenium	82-1	7980	8343	8265	8196	2.33	cps
Silicon	28-1	541978	559036	567933	556316	2.37	cps
Silver	109-1	777622	785319	792971	785304	0.98	cps
Silver	107-1	805044	810783	819998	811942	0.93	cps
Sodium	23-2	19086289	19111448	19309018	19168918	0.64	cps
Strontium	86-1	158470	160418	163458	160782	1.56	cps
Strontium	88-1	1438464	1442117	1442449	1441010	0.15	cps
Sulfur	34-1	97334	96143	97149	96875	0.66	cps
Terbium	159-1	1444025	1435356	1451713	1443698	0.57	cps
Terbium	159-2	1625039	1634820	1641104	1633654	0.50	cps
Thallium	203-1	743092	750049	754072	749071	0.74	cps
Thallium	205-1	1798531	1800946	1811901	1803793	0.40	cps
Tin	118-1	507434	509309	518423	511722	1.15	cps
Titanium	47-1	85070	85850	86681	85867	0.94	cps
Uranium	238-1	3018905	3050285	3042809	3037333	0.54	cps
Vanadium	51-2	266367	267317	269472	267719	0.59	cps
Yttrium	89-1	904800	901546	917407	907918	0.92	cps
Yttrium	89-2	384831	390243	389780	388285	0.77	cps
Zinc	66-2	127064	124831	127299	126398	1.08	cps
Zirconium	90-1	960488	970248	981848	970861	1.10	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	CCV078	Instrumnet Name :	P7
Client Sample ID :	CCV078	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 13:55:18	DataFile Name :	049CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	219697	220020	221673	220464	0.48	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	CCB078	Instrumnet Name :	P7
Client Sample ID :	CCB078	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 13:58:48	DataFile Name :	050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	125	83	106	19.87	cps
Antimony	121-1	2800	2575	2092	2489	14.54	cps
Arsenic	75-2	11	15	13	13	14.27	cps
Barium	135-1	200	158	92	150	36.43	cps
Barium	137-1	425	267	125	272	55.13	cps
Beryllium	9-1	89	39	33	54	56.98	cps
Bismuth	209-1	1268315	1276713	1278795	1274608	0.44	cps
Bismuth	209-2	1379613	1383222	1396708	1386514	0.65	cps
Boron	10-1	333	292	225	283	19.29	cps
Boron	11-1	1417	1258	1208	1295	8.40	cps
Cadmium	111-1	450	336	457	414	16.34	cps
Cadmium	106-1	575	425	633	544	19.74	cps
Cadmium	108-1	4	4	4	4	0.00	cps
Calcium	43-1	267	175	192	211	23.13	cps
Calcium	44-1	6668	4909	3767	5115	28.57	cps
Chromium	52-2	270	210	203	228	16.12	cps
Cobalt	59-2	37	23	20	27	33.08	cps
Copper	63-2	213	213	207	211	1.82	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	50	75	67	64	19.92	cps
Erbium	164-2	3	3	17	8	99.04	cps
Gadolinium	160-1	17	50	42	36	48.03	cps
Gadolinium	160-2	130	127	143	133	6.62	cps
Holmium	165-1	1534334	1543331	1552160	1543275	0.58	cps
Holmium	165-2	1732970	1742739	1748478	1741396	0.45	cps
Indium	115-1	1181948	1181441	1189317	1184235	0.37	cps
Indium	115-2	617058	614735	616675	616156	0.20	cps
Iron	56-2	5301	4340	3828	4490	16.65	cps
Iron	57-2	183	139	139	154	16.70	cps
Lead	206-1	567	611	478	552	12.30	cps
Lead	207-1	544	511	444	500	10.18	cps
Lead	208-1	2484	2500	2128	2371	8.87	cps
Lithium	6-1	366011	365818	366855	366228	0.15	cps
Magnesium	24-2	608	458	325	464	30.56	cps
Manganese	55-2	67	57	37	53	28.64	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	CCB078	Instrumnet Name :	P7
Client Sample ID :	CCB078	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 13:58:48	DataFile Name :	050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	400	383	308	364	13.42	cps
Molybdenum	95-1	392	308	367	356	12.03	cps
Molybdenum	96-1	625	358	375	453	32.99	cps
Molybdenum	97-1	208	183	208	200	7.22	cps
Molybdenum	98-1	683	575	358	539	30.71	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	30	17	3	17	80.01	cps
Phosphorus	31-2	17	25	33	25	33.32	cps
Potassium	39-2	13991	12931	13473	13465	3.93	cps
Rhodium	103-1	1132447	1140261	1141515	1138074	0.43	cps
Rhodium	103-2	929775	929577	933743	931032	0.25	cps
Scandium	45-1	650682	657441	658118	655414	0.63	cps
Scandium	45-2	61119	60744	61568	61144	0.67	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	76	85	70	77	9.70	cps
Selenium	82-1	71	55	71	66	14.51	cps
Silicon	28-1	38208	37181	36696	37362	2.07	cps
Silver	109-1	292	292	175	253	26.65	cps
Silver	107-1	325	225	142	231	39.81	cps
Sodium	23-2	10946	10379	9970	10432	4.70	cps
Strontium	86-1	133	108	167	136	21.50	cps
Strontium	88-1	408	325	192	308	35.45	cps
Sulfur	34-1	51038	50896	51189	51041	0.29	cps
Terbium	159-1	1557829	1562549	1568987	1563122	0.36	cps
Terbium	159-2	1716962	1726147	1735569	1726226	0.54	cps
Thallium	203-1	517	292	325	378	32.14	cps
Thallium	205-1	1233	975	717	975	26.50	cps
Tin	118-1	875	650	617	714	19.68	cps
Titanium	47-1	50	8	8	22	108.27	cps
Uranium	238-1	850	600	308	586	46.25	cps
Vanadium	51-2	30	17	7	18	65.83	cps
Yttrium	89-1	990049	998367	997908	995441	0.47	cps
Yttrium	89-2	395751	398057	397216	397008	0.29	cps
Zinc	66-2	223	177	170	190	15.30	cps
Zirconium	90-1	508	567	408	494	16.19	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	CCB078	Instrumnet Name :	P7
Client Sample ID :	CCB078	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 13:58:48	DataFile Name :	050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	142	100	125	122	17.16	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-13DLX20	Instrumnet Name :	P7
Client Sample ID :	B-66(2.5-4.5)_101017	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 14:02:23	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15392	15500	15000	15297	1.72	cps
Antimony	121-1	1200	1242	1108	1183	5.76	cps
Arsenic	75-2	185	193	194	191	2.57	cps
Barium	135-1	32222	33149	32172	32514	1.69	cps
Barium	137-1	56851	55738	55194	55928	1.51	cps
Beryllium	9-1	17	78	22	39	86.90	cps
Bismuth	209-1	1267487	1289840	1269949	1275759	0.96	cps
Bismuth	209-2	1348787	1339400	1346887	1345025	0.37	cps
Boron	10-1	133	150	142	142	5.88	cps
Boron	11-1	625	533	650	603	10.19	cps
Cadmium	111-1	346	348	403	366	8.92	cps
Cadmium	106-1	433	450	517	467	9.45	cps
Cadmium	108-1	17	13	0	10	89.22	cps
Calcium	43-1	1867	1867	1950	1895	2.54	cps
Calcium	44-1	34424	35419	34591	34812	1.53	cps
Chromium	52-2	4057	4144	3957	4053	2.31	cps
Cobalt	59-2	550	607	590	582	5.00	cps
Copper	63-2	7709	7769	7675	7718	0.61	cps
Dysprosium	156-1	208	250	292	250	16.67	cps
Dysprosium	156-2	287	250	293	277	8.43	cps
Erbium	164-1	300	317	267	294	8.65	cps
Erbium	164-2	280	340	350	323	11.71	cps
Gadolinium	160-1	308	400	308	339	15.62	cps
Gadolinium	160-2	420	523	410	451	13.91	cps
Holmium	165-1	1538287	1555747	1542152	1545395	0.59	cps
Holmium	165-2	1686098	1697820	1709321	1697746	0.68	cps
Indium	115-1	1170944	1184430	1179235	1178203	0.58	cps
Indium	115-2	595649	604021	599375	599682	0.70	cps
Iron	56-2	937416	934389	933651	935152	0.21	cps
Iron	57-2	23447	23414	23530	23464	0.26	cps
Lead	206-1	202859	206631	201876	203789	1.23	cps
Lead	207-1	170801	174128	171060	171996	1.08	cps
Lead	208-1	795193	808782	797643	800539	0.90	cps
Lithium	6-1	364001	366532	363821	364785	0.42	cps
Magnesium	24-2	5201	5084	5368	5218	2.73	cps
Manganese	55-2	12155	12305	12165	12209	0.69	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-13DLX20	Instrumnet Name :	P7
Client Sample ID :	B-66(2.5-4.5)_101017	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 14:02:23	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	183	158	200	181	11.62	cps
Molybdenum	95-1	317	208	283	269	20.59	cps
Molybdenum	96-1	167	283	192	214	28.72	cps
Molybdenum	97-1	142	75	67	94	43.53	cps
Molybdenum	98-1	342	258	233	278	20.42	cps
Neodymium	150-1	340	387	313	347	10.71	cps
Neodymium	150-2	303	393	397	364	14.53	cps
Nickel	60-2	323	303	320	316	3.40	cps
Phosphorus	31-2	133	200	183	172	20.15	cps
Potassium	39-2	13732	13715	14066	13838	1.43	cps
Rhodium	103-1	1129246	1143908	1137577	1136910	0.65	cps
Rhodium	103-2	906474	906717	905582	906258	0.07	cps
Scandium	45-1	643004	651286	656080	650124	1.02	cps
Scandium	45-2	59429	59844	60222	59832	0.66	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	65	67	59	64	6.07	cps
Selenium	82-1	80	84	64	76	14.19	cps
Silicon	28-1	131773	134568	158774	141705	10.48	cps
Silver	109-1	142	133	117	131	9.75	cps
Silver	107-1	67	75	33	58	37.80	cps
Sodium	23-2	10988	10713	11213	10971	2.28	cps
Strontium	86-1	2825	2942	3017	2928	3.30	cps
Strontium	88-1	25015	23796	24556	24455	2.52	cps
Sulfur	34-1	50587	49124	50478	50063	1.63	cps
Terbium	159-1	1575042	1581148	1566020	1574070	0.48	cps
Terbium	159-2	1677706	1686666	1681704	1682025	0.27	cps
Thallium	203-1	158	133	75	122	34.99	cps
Thallium	205-1	308	258	350	306	15.02	cps
Tin	118-1	1775	1917	1867	1853	3.88	cps
Titanium	47-1	2300	2709	2659	2556	8.72	cps
Uranium	238-1	392	333	292	339	14.82	cps
Vanadium	51-2	857	797	733	796	7.75	cps
Yttrium	89-1	981852	996848	993162	990621	0.79	cps
Yttrium	89-2	392263	390274	391103	391213	0.26	cps
Zinc	66-2	9283	9043	8569	8965	4.05	cps
Zirconium	90-1	325	433	308	356	19.09	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	I5789-13DLX20	Instrumnet Name :	P7
Client Sample ID :	B-66(2.5-4.5)_101017	Dilution Factor :	20
Date & Time Acquired ::	2017-10-12 14:02:23	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	75	42	92	69	36.66	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	CCV079	Instrumnet Name :	P7
Client Sample ID :	CCV079	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 14:05:54	DataFile Name :	052CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1720571	1737516	1742334	1733474	0.66	cps
Antimony	121-1	665357	667428	659060	663948	0.66	cps
Arsenic	75-2	48746	48774	49595	49038	0.98	cps
Barium	135-1	752016	754788	741875	749560	0.91	cps
Barium	137-1	1303637	1302685	1293707	1300009	0.42	cps
Beryllium	9-1	180082	178357	180368	179602	0.61	cps
Bismuth	209-1	1074308	1071598	1060643	1068850	0.68	cps
Bismuth	209-2	1155603	1159330	1160952	1158628	0.24	cps
Boron	10-1	19914	20223	20181	20106	0.83	cps
Boron	11-1	92014	94839	95618	94157	2.01	cps
Cadmium	111-1	158746	160567	159336	159550	0.58	cps
Cadmium	106-1	16936	16494	15759	16396	3.62	cps
Cadmium	108-1	11484	11526	10992	11334	2.62	cps
Calcium	43-1	761918	753632	756842	757464	0.55	cps
Calcium	44-1	12909563	12924815	13021484	12951954	0.47	cps
Chromium	52-2	308725	313191	312022	311313	0.74	cps
Cobalt	59-2	494991	493246	494411	494216	0.18	cps
Copper	63-2	704315	705564	706984	705621	0.19	cps
Dysprosium	156-1	8	33	17	19	65.47	cps
Dysprosium	156-2	23	40	30	31	26.97	cps
Erbium	164-1	75	58	75	69	13.85	cps
Erbium	164-2	3	13	3	7	86.65	cps
Gadolinium	160-1	50	42	25	39	32.73	cps
Gadolinium	160-2	167	207	147	173	17.62	cps
Holmium	165-1	1386284	1365460	1364441	1372062	0.90	cps
Holmium	165-2	1571901	1578025	1586341	1578756	0.46	cps
Indium	115-1	1041829	1040199	1039117	1040382	0.13	cps
Indium	115-2	555408	556798	558687	556964	0.30	cps
Iron	56-2	76559118	76567963	76532652	76553244	0.02	cps
Iron	57-2	1868213	1879557	1884882	1877551	0.45	cps
Lead	206-1	593275	594310	587293	591626	0.64	cps
Lead	207-1	536369	531888	534258	534172	0.42	cps
Lead	208-1	2422936	2403816	2406145	2410966	0.43	cps
Lithium	6-1	338599	342498	338549	339882	0.67	cps
Magnesium	24-2	12436112	12562230	12416441	12471594	0.63	cps
Manganese	55-2	482135	485938	487781	485284	0.59	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	CCV079	Instrumnet Name :	P7
Client Sample ID :	CCV079	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 14:05:54	DataFile Name :	052CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	531707	534317	531012	532345	0.33	cps
Molybdenum	95-1	296993	301384	298359	298912	0.75	cps
Molybdenum	96-1	388336	388724	384560	387207	0.59	cps
Molybdenum	97-1	188352	187387	186206	187315	0.57	cps
Molybdenum	98-1	490796	491486	484776	489019	0.75	cps
Neodymium	150-1	47	67	73	62	22.30	cps
Neodymium	150-2	20	17	23	20	16.65	cps
Nickel	60-2	131672	131076	131291	131346	0.23	cps
Phosphorus	31-2	19405	20022	19864	19764	1.62	cps
Potassium	39-2	7110242	7095070	7155442	7120251	0.44	cps
Rhodium	103-1	972782	974883	971693	973120	0.17	cps
Rhodium	103-2	803431	801515	802672	802539	0.12	cps
Scandium	45-1	607122	614697	606987	609602	0.72	cps
Scandium	45-2	60684	61765	61788	61413	1.03	cps
Selenium	77-2	1263	1337	1353	1318	3.63	cps
Selenium	78-2	4480	4512	4558	4517	0.87	cps
Selenium	82-1	8412	8184	8376	8324	1.47	cps
Silicon	28-1	568928	574517	576842	573429	0.71	cps
Silver	109-1	775183	774761	771028	773657	0.30	cps
Silver	107-1	806296	809036	800728	805353	0.53	cps
Sodium	23-2	19166579	19046459	19079445	19097494	0.32	cps
Strontium	86-1	158492	159420	157426	158446	0.63	cps
Strontium	88-1	1419883	1412611	1417305	1416600	0.26	cps
Sulfur	34-1	99070	100967	99976	100004	0.95	cps
Terbium	159-1	1396875	1387779	1382137	1388930	0.54	cps
Terbium	159-2	1562540	1562070	1574689	1566433	0.46	cps
Thallium	203-1	725416	720515	712217	719383	0.93	cps
Thallium	205-1	1743872	1746992	1734149	1741671	0.38	cps
Tin	118-1	502945	500295	499512	500917	0.36	cps
Titanium	47-1	86253	86286	85859	86133	0.28	cps
Uranium	238-1	2907051	2896284	2897189	2900175	0.21	cps
Vanadium	51-2	265123	266970	264774	265622	0.44	cps
Yttrium	89-1	891907	893405	892840	892717	0.08	cps
Yttrium	89-2	379194	382013	382125	381111	0.44	cps
Zinc	66-2	124663	125221	125816	125233	0.46	cps
Zirconium	90-1	955979	950614	949354	951982	0.37	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	CCV079	Instrumnet Name :	P7
Client Sample ID :	CCV079	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 14:05:54	DataFile Name :	052CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	213354	218285	215367	215669	1.15	cps

LB Number : LB90798 Operator : Jaswal
 Lab Sample ID : CCB079 Instrumnet Name : P7
 Client Sample ID : CCB079 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-12 14:09:23 DataFile Name : 053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158	125	108	131	19.50	cps
Antimony	121-1	2459	2559	2167	2395	8.50	cps
Arsenic	75-2	17	19	17	17	6.18	cps
Barium	135-1	233	192	100	175	38.98	cps
Barium	137-1	325	200	192	239	31.27	cps
Beryllium	9-1	39	44	56	46	18.33	cps
Bismuth	209-1	1127773	1132388	1115103	1125088	0.80	cps
Bismuth	209-2	1242972	1242348	1248654	1244658	0.28	cps
Boron	10-1	433	400	408	414	4.19	cps
Boron	11-1	1984	1775	1575	1778	11.49	cps
Cadmium	111-1	332	252	263	283	15.33	cps
Cadmium	106-1	383	317	367	356	9.76	cps
Cadmium	108-1	4	4	8	6	43.22	cps
Calcium	43-1	317	233	133	228	40.30	cps
Calcium	44-1	6568	4659	4034	5087	25.95	cps
Chromium	52-2	220	240	227	229	4.45	cps
Cobalt	59-2	33	30	37	33	10.01	cps
Copper	63-2	250	220	207	226	9.84	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	42	42	50	44	10.82	cps
Erbium	164-2	10	3	0	4	114.60	cps
Gadolinium	160-1	25	25	8	19	49.50	cps
Gadolinium	160-2	170	173	153	166	6.47	cps
Holmium	165-1	1349908	1361951	1353973	1355277	0.45	cps
Holmium	165-2	1565813	1572718	1583850	1574127	0.58	cps
Indium	115-1	1081229	1077908	1074623	1077920	0.31	cps
Indium	115-2	578388	583862	584954	582402	0.60	cps
Iron	56-2	5585	4823	4629	5012	10.08	cps
Iron	57-2	150	139	139	143	4.50	cps
Lead	206-1	550	556	383	496	19.72	cps
Lead	207-1	506	489	394	463	12.94	cps
Lead	208-1	2489	2350	1922	2254	13.11	cps
Lithium	6-1	348114	349566	349149	348943	0.21	cps
Magnesium	24-2	625	592	433	550	18.62	cps
Manganese	55-2	60	40	40	47	24.74	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	CCB079	Instrumnet Name :	P7
Client Sample ID :	CCB079	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 14:09:23	DataFile Name :	053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	400	308	300	336	16.51	cps
Molybdenum	95-1	433	350	275	353	22.45	cps
Molybdenum	96-1	358	325	325	336	5.73	cps
Molybdenum	97-1	292	183	150	208	35.55	cps
Molybdenum	98-1	717	575	417	569	26.36	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	10	7	23	13	66.12	cps
Phosphorus	31-2	67	33	17	39	65.47	cps
Potassium	39-2	17177	16568	15734	16493	4.39	cps
Rhodium	103-1	1046997	1047648	1030100	1041582	0.96	cps
Rhodium	103-2	856514	860377	872184	863025	0.95	cps
Scandium	45-1	614097	608344	604538	608993	0.79	cps
Scandium	45-2	60861	59810	60543	60405	0.89	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	89	72	63	75	17.59	cps
Selenium	82-1	70	59	58	62	10.70	cps
Silicon	28-1	36763	34992	35126	35627	2.77	cps
Silver	109-1	267	208	108	194	41.18	cps
Silver	107-1	350	192	142	228	47.75	cps
Sodium	23-2	13524	13440	12948	13304	2.34	cps
Strontium	86-1	217	150	100	156	37.63	cps
Strontium	88-1	517	317	225	353	42.28	cps
Sulfur	34-1	51866	51314	51424	51535	0.57	cps
Terbium	159-1	1362184	1374892	1365621	1367566	0.48	cps
Terbium	159-2	1561305	1565142	1566407	1564285	0.17	cps
Thallium	203-1	483	417	250	383	31.35	cps
Thallium	205-1	1050	842	725	872	18.88	cps
Tin	118-1	650	600	633	628	4.06	cps
Titanium	47-1	67	67	50	61	15.75	cps
Uranium	238-1	900	467	342	569	51.46	cps
Vanadium	51-2	17	10	23	17	39.99	cps
Yttrium	89-1	891209	894610	891722	892514	0.21	cps
Yttrium	89-2	380415	382712	385536	382888	0.67	cps
Zinc	66-2	180	167	177	174	3.98	cps
Zirconium	90-1	525	608	433	522	16.76	cps

LB Number :	LB90798	Operator :	Jaswal
Lab Sample ID :	CCB079	Instrumnet Name :	P7
Client Sample ID :	CCB079	Dilution Factor :	1
Date & Time Acquired ::	2017-10-12 14:09:23	DataFile Name :	053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	92	50	86	39.11	cps