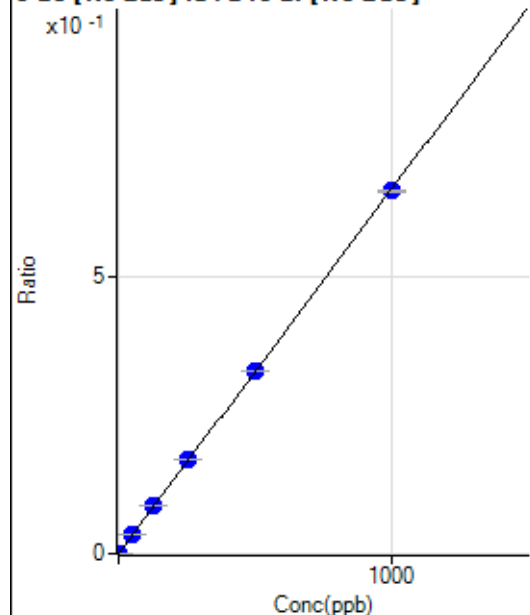


Batch Folder: D:\ICP-MS Data\P7121918MS.b\
Analysis File: P7121918MS.batch.bin
DA Date-Time: 2018-12-19 17:06:42
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-12-19 15:24:45
2			
3	005CALS.d	S02	2018-12-19 15:33:08
4	006CALS.d	S03	2018-12-19 15:37:02
5	007CALS.d	S04	2018-12-19 15:41:10
6	008CALS.d	S05	2018-12-19 15:44:57
7	009CALS.d	S06	2018-12-19 15:48:42
8	010CALS.d	S07	2018-12-19 15:52:25
9	011CALS.d	S08	2018-12-19 15:56:11

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	103.71	0.0000	P	30.6
2	☐	0.100					
3	☐	1.000	1.011	4987.99	0.0007	P	3.5
4	☐	50.000	53.815	257227.56	0.0354	P	0.7
5	☐	125.000	132.909	600619.03	0.0874	P	0.7
6	☐	250.000	258.367	1097355.07	0.1699	P	0.2
7	☐	500.000	502.011	2097618.09	0.3301	P	0.7
8	☐	1000.000	995.723	4074145.84	0.6547	P	0.7
9	☐			481.50	0.0001	P	8.5

$$y = 6.5748\text{E-}004 * x + 1.4168\text{E-}005$$

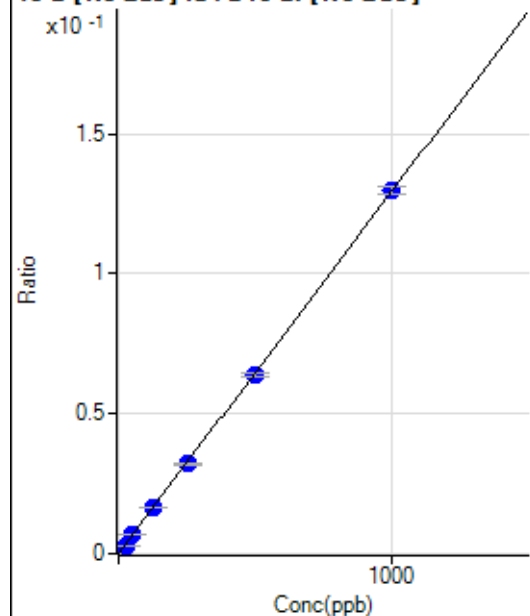
$$R = 0.9999$$

$$DL = 0.01978$$

$$BEC = 0.02155$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	655.60	0.0001	P	11.6
2	☐	2.500					
3	☐	25.000	22.727	22208.79	0.0030	P	3.7
4	☐	50.000	50.843	48344.98	0.0067	P	2.7
5	☐	125.000	127.323	113552.45	0.0165	P	3.4
6	☐	250.000	248.314	207636.30	0.0321	P	1.8
7	☐	500.000	494.312	406093.23	0.0639	P	2.0
8	☐	1000.000	1002.990	806493.47	0.1296	P	2.1
9	☐			27974.03	0.0049	P	9.6

$$y = 1.2910\text{E-}004 * x + 8.9568\text{E-}005$$

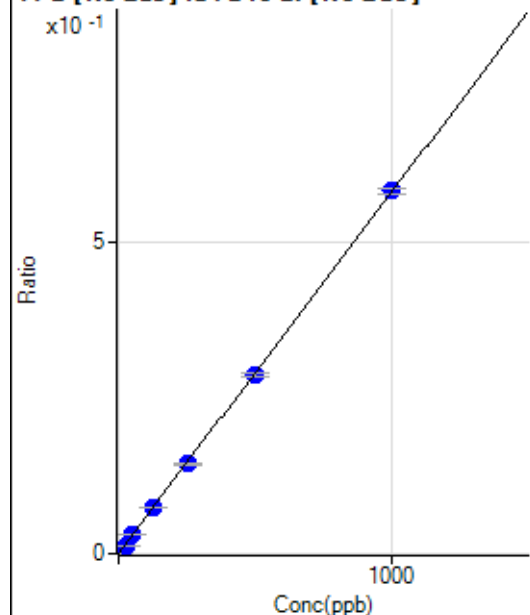
$$R = 1.0000$$

$$DL = 0.2421$$

$$BEC = 0.6938$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3028.21	0.0004	P	2.8
2	☐	2.500					
3	☐	25.000	22.905	100637.79	0.0137	P	2.4
4	☐	50.000	50.490	215841.01	0.0297	P	1.3
5	☐	125.000	125.974	504973.76	0.0735	P	2.3
6	☐	250.000	247.719	930848.75	0.1441	P	2.1
7	☐	500.000	493.333	1821257.51	0.2866	P	2.3
8	☐	1000.000	1003.810	3626936.58	0.5827	P	1.6
9	☐			126196.88	0.0222	P	10.2

$$y = 5.8010E-004 * x + 4.1355E-004$$

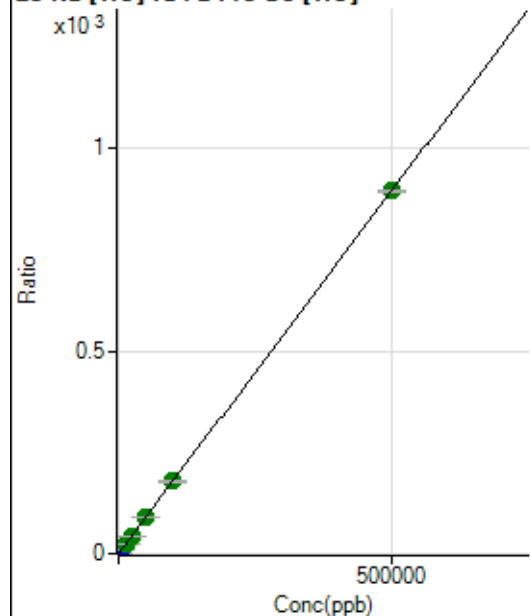
$$R = 1.0000$$

$$DL = 0.06064$$

$$BEC = 0.7129$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	10798.71	0.0217	P	2.7
2	☐	50.000					
3	☐	500.000	452.145	408319.80	0.8319	P	0.7
4	☐	5000.000	4994.113	4073858.25	8.9711	P	1.8
5	☐	12500.000	12529.380	9343298.30	22.4741	A	0.4
6	☐	25000.000	24883.096	17764188.24	44.6118	A	0.5
7	☐	50000.000	49882.637	35141409.81	89.4105	A	0.1
8	☐	100000.00	99436.617	71243573.81	178.2104	A	0.3
9	☐	500000.00	500129.63	363888374.8	896.2456	A	0.7

$$y = 0.0018 * x + 0.0217$$

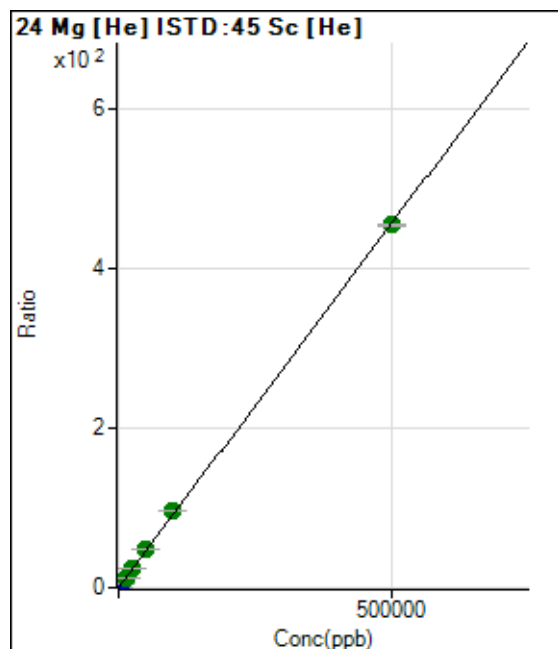
$$R = 1.0000$$

$$DL = 0.9933$$

$$BEC = 12.1$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	194.45	0.0004	P	21.5
2	☐	50.000					
3	☐	500.000	490.604	220034.13	0.4483	P	1.5
4	☐	5000.000	5486.158	2274770.75	5.0093	P	1.9
5	☐	12500.000	13644.554	5179151.51	12.4580	A	0.8
6	☐	25000.000	27020.614	9823736.50	24.6705	A	0.2
7	☐	50000.000	53936.047	19354755.47	49.2447	A	0.5
8	☐	100000.00	106288.59	38794634.90	97.0432	A	0.5
9	☐	500000.00	498214.17	184685368.0	454.8760	A	0.7

$$y = 9.1301\text{E-}004 * x + 3.9034\text{E-}004$$

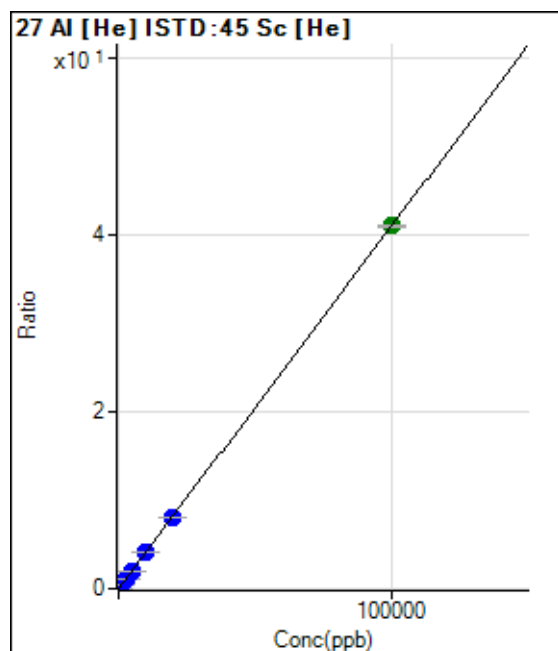
$$R = 0.9999$$

$$DL = 0.2761$$

$$BEC = 0.4275$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.34	0.0001	P	62.4
2	☐	2.000					
3	☐	20.000	18.490	3783.97	0.0077	P	1.4
4	☐	1000.000	1006.615	187728.03	0.4134	P	3.1
5	☐	2500.000	2487.198	424627.13	1.0214	P	0.6
6	☐	5000.000	4957.186	810569.96	2.0356	P	0.5
7	☐	10000.000	9885.707	1595446.90	4.0593	P	0.6
8	☐	20000.000	19795.171	3249518.24	8.1283	P	0.1
9	☐	100000.00	100054.79	16680533.01	41.0839	A	0.4

$$y = 4.1061\text{E-}004 * x + 1.1722\text{E-}004$$

$$R = 1.0000$$

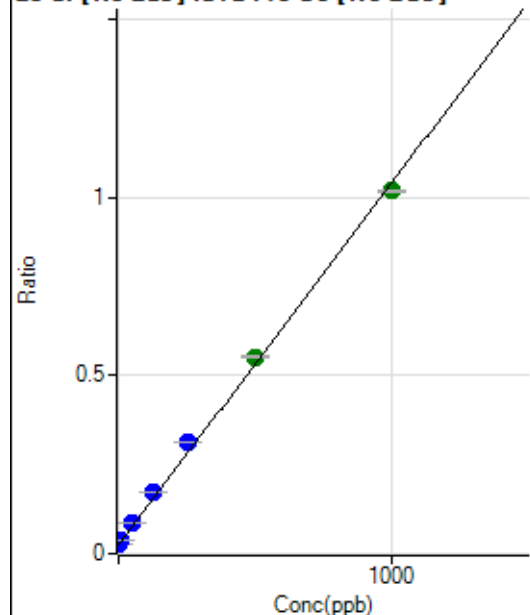
$$DL = 0.5345$$

$$BEC = 0.2855$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	286630.41	0.0250	P	0.6
2	☐	1.000					
3	☐	10.000	10.214	403284.13	0.0354	P	0.7
4	☐	50.000	62.088	978830.30	0.0881	P	0.2
5	☐	125.000	144.445	1760237.76	0.1717	P	0.7
6	☐	250.000	284.304	2977890.54	0.3138	P	1.3
7	☐	500.000	519.445	5197263.75	0.5526	A	0.6
8	☐	1000.000	978.664	9454546.05	1.0190	A	0.7
9	☐			364969.58	0.0398	P	1.3

$$y = 0.0010 * x + 0.0250$$

$$R = 0.9990$$

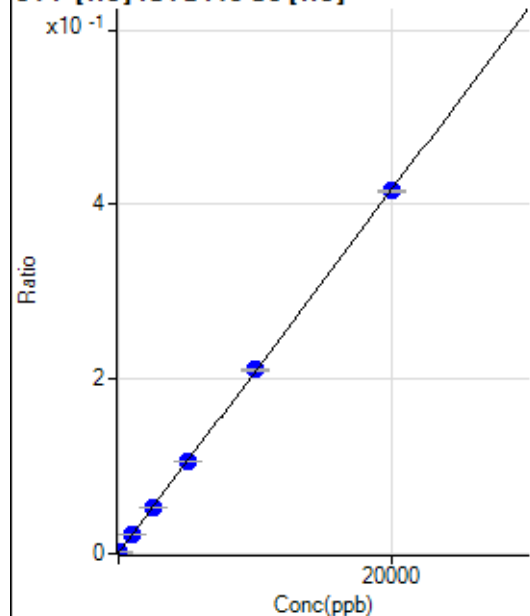
$$DL = 0.448$$

$$BEC = 24.62$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-23.114	163.90	0.0003	P	24.3
2	☐	0.000					
3	☐	0.000	23.114	633.37	0.0013	P	4.0
4	☐	1000.000	1008.999	9895.30	0.0218	P	3.1
5	☐	2500.000	2501.725	21964.11	0.0528	P	1.3
6	☐	5000.000	5014.764	41845.80	0.1051	P	0.4
7	☐	10000.000	10089.815	82783.02	0.2106	P	1.4
8	☐	20000.000	19950.736	166174.15	0.4157	P	0.2
9	☐			247.24	0.0006	P	15.8

$$y = 2.0794E-005 * x + 8.0997E-004$$

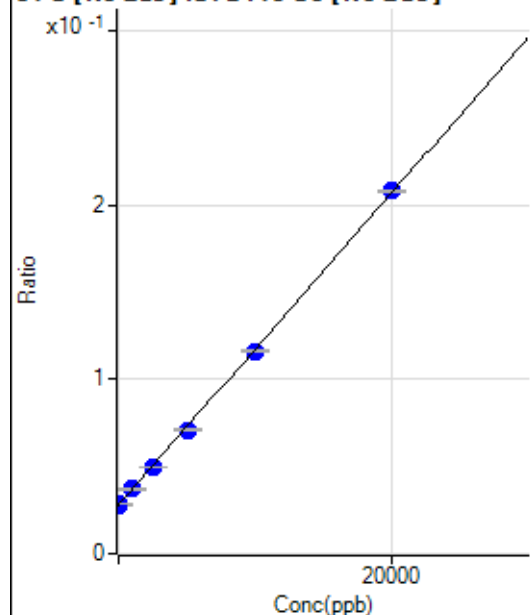
$$R = 1.0000$$

$$DL = 9.472$$

$$BEC = 38.95$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-59.473	315774.78	0.0275	P	0.7
2	☐	0.000					
3	☐	0.000	59.473	326157.55	0.0286	P	1.1
4	☐	1000.000	1001.971	411855.90	0.0371	P	0.6
5	☐	2500.000	2408.994	509070.85	0.0497	P	0.8
6	☐	5000.000	4802.735	674775.79	0.0711	P	1.3
7	☐	10000.000	9848.754	1093737.90	0.1163	P	1.0
8	☐	20000.000	20136.217	1933807.98	0.2084	P	0.9
9	☐			256145.40	0.0279	P	0.4

$$y = 8.9565E-006 * x + 0.0281$$

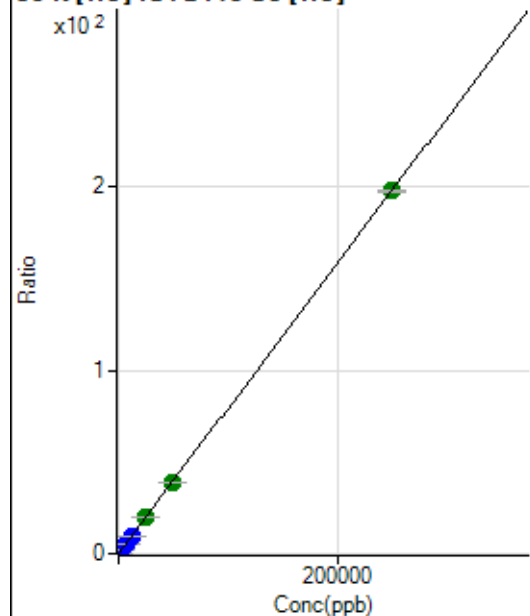
R = 0.9999

DL = 86.03

BEC = 3135

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16785.10	0.0337	P	1.9
2	☐	50.000					
3	☐	500.000	463.261	196423.91	0.4002	P	0.8
4	☐	2500.000	2537.785	926925.92	2.0413	P	2.2
5	☐	6250.000	6274.859	2077621.72	4.9975	P	0.8
6	☐	12500.000	12434.096	3930149.70	9.8699	P	0.3
7	☐	25000.000	24728.758	7701733.33	19.5957	A	0.4
8	☐	50000.000	49048.182	15524597.74	38.8339	A	0.4
9	☐	250000.00	250219.85	80380996.94	197.9734	A	0.7

$$y = 7.9106E-004 * x + 0.0337$$

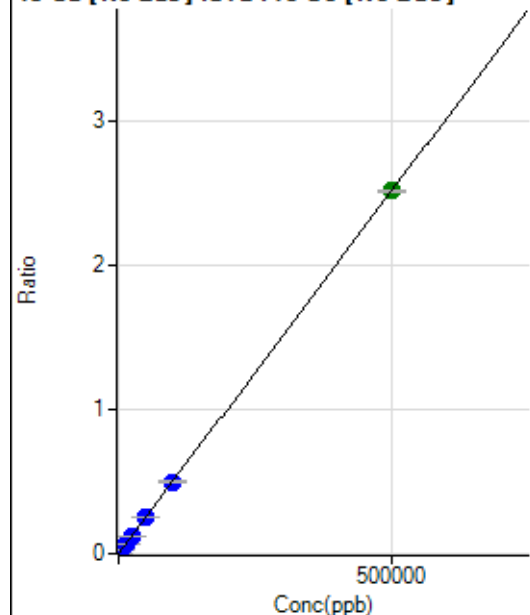
R = 1.0000

DL = 2.459

BEC = 42.62

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	194.45	0.0000	P	21.3
2	☐	50.000					
3	☐	500.000	456.278	26310.39	0.0023	P	1.9
4	☐	5000.000	4925.459	275098.21	0.0248	P	1.3
5	☐	12500.000	12529.864	645146.59	0.0629	P	1.1
6	☐	25000.000	24964.852	1189981.85	0.1254	P	1.1
7	☐	50000.000	49428.702	2334672.04	0.2482	P	0.7
8	☐	100000.00	99286.431	4626101.58	0.4986	P	0.5
9	☐	500000.00	500201.64	23034254.51	2.5119	A	0.4

$$y = 5.0217\text{E-}006 * x + 1.6947\text{E-}005$$

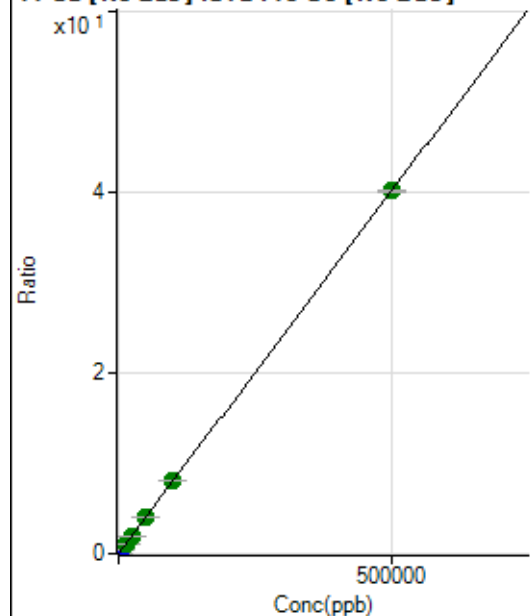
$$R = 1.0000$$

$$DL = 2.153$$

$$BEC = 3.375$$

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	6371.45	0.0006	P	0.6
2	☐	50.000					
3	☐	500.000	455.804	423713.29	0.0372	P	0.8
4	☐	5000.000	4953.708	4429244.54	0.3985	P	0.2
5	☐	12500.000	12546.247	10337893.03	1.0085	A	0.4
6	☐	25000.000	24854.922	18956380.46	1.9973	A	0.3
7	☐	50000.000	49504.369	37409176.18	3.9775	A	0.7
8	☐	100000.00	99802.351	74393827.36	8.0182	A	0.3
9	☐	500000.00	500095.69	368419774.9	40.1758	A	0.2

$$y = 8.0335\text{E-}005 * x + 5.5585\text{E-}004$$

$$R = 1.0000$$

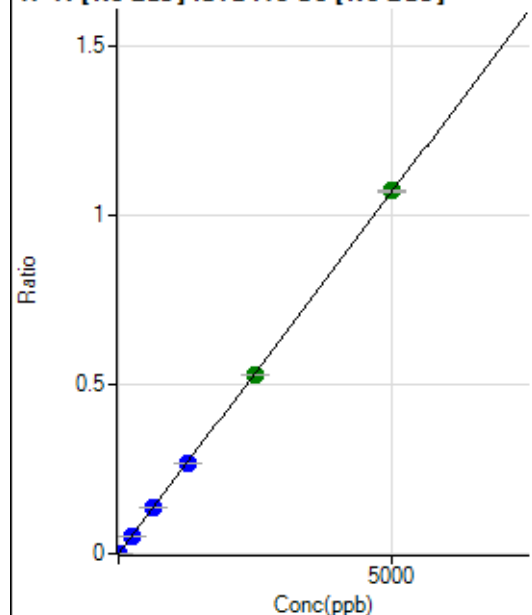
$$DL = 0.1159$$

$$BEC = 6.919$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	100.00	0.0000	P	25.5
2	☐	0.500					
3	☐	5.000	4.831	11877.45	0.0010	P	4.1
4	☐	250.000	249.319	592794.19	0.0533	P	0.4
5	☐	625.000	631.544	1384826.10	0.1351	P	0.5
6	☐	1250.000	1246.866	2531335.06	0.2667	P	0.6
7	☐	2500.000	2463.999	4956790.09	0.5270	A	0.2
8	☐	5000.000	5018.000	9958211.07	1.0733	A	0.3
9	☐			4300.82	0.0005	P	5.4

$$y = 2.1389\text{E-}004 * x + 8.7306\text{E-}006$$

$$R = 1.0000$$

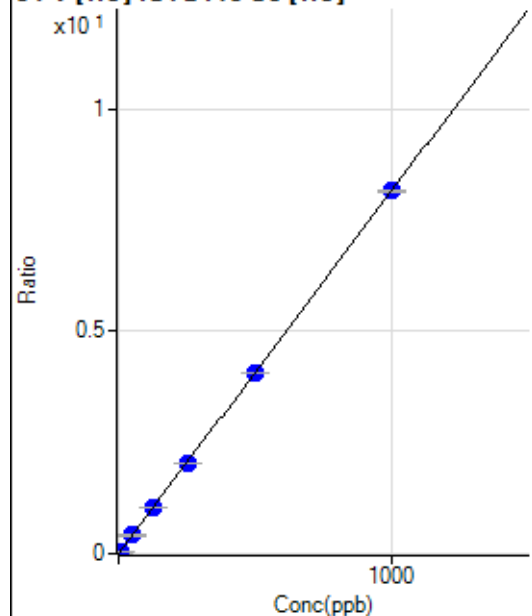
$$DL = 0.03122$$

$$BEC = 0.04082$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5.55	0.0000	P	69.5
2	☐	0.500					
3	☐	5.000	4.900	19628.79	0.0400	P	0.8
4	☐	50.000	50.366	186629.25	0.4110	P	2.4
5	☐	125.000	125.755	426603.54	1.0262	P	0.8
6	☐	250.000	249.266	809934.75	2.0340	P	0.8
7	☐	500.000	499.796	1602935.22	4.0783	P	0.1
8	☐	1000.000	1000.173	3262682.83	8.1614	P	0.5
9	☐			524.46	0.0013	P	4.6

$$y = 0.0082 * x + 1.1161\text{E-}005$$

$$R = 1.0000$$

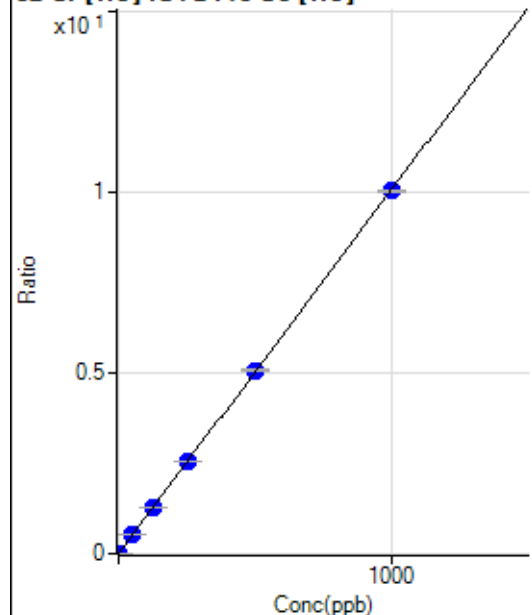
$$DL = 0.002851$$

$$BEC = 0.001368$$

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	1332.31	0.0027	P	2.9
2	☐	0.200					
3	☐	2.000	1.860	10488.31	0.0214	P	2.1
4	☐	50.000	51.515	236287.04	0.5204	P	2.7
5	☐	125.000	127.975	535776.58	1.2888	P	0.6
6	☐	250.000	252.230	1010416.94	2.5375	P	0.2
7	☐	500.000	504.217	1992609.19	5.0698	P	0.2
8	☐	1000.000	996.887	4006051.50	10.0209	P	0.4
9	☐			59789.64	0.1473	P	1.0

$$y = 0.0100 * x + 0.0027$$

$$R = 1.0000$$

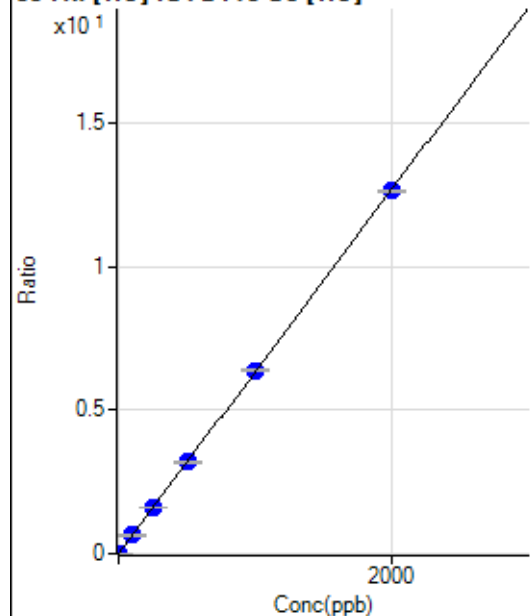
$$DL = 0.02325$$

$$BEC = 0.2663$$

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	87.78	0.0002	P	28.0
2	☐	0.100					
3	☐	1.000	0.958	3061.48	0.0062	P	1.4
4	☐	100.000	101.894	292915.13	0.6451	P	3.1
5	☐	250.000	255.929	673535.45	1.6201	P	0.7
6	☐	500.000	502.547	1266689.63	3.1811	P	0.3
7	☐	1000.000	1008.973	2510110.55	6.3865	P	0.3
8	☐	2000.000	1994.041	5045729.72	12.6216	P	0.4
9	☐			27889.97	0.0687	P	0.8

$$y = 0.0063 * x + 1.7618E-004$$

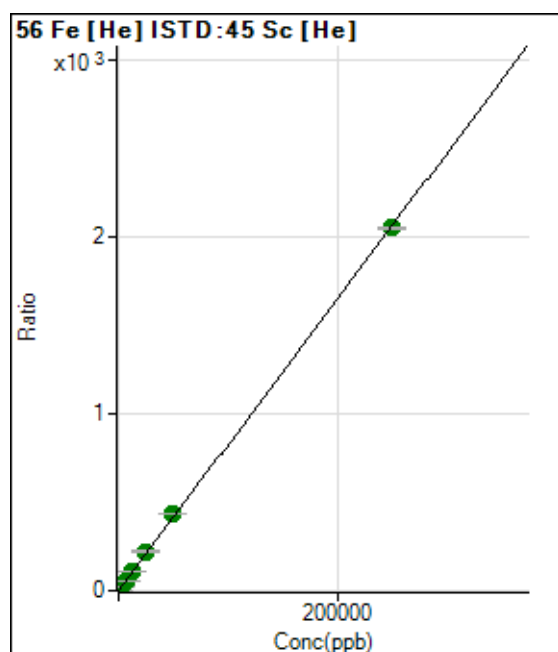
$$R = 1.0000$$

$$DL = 0.0234$$

$$BEC = 0.02783$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4930.59	0.0099	P	2.9
2	☐	5.000					
3	☐	50.000	52.971	219159.05	0.4465	P	1.0
4	☐	2500.000	2727.566	10213009.95	22.4923	A	2.8
5	☐	6250.000	6872.696	23555165.34	56.6592	A	0.8
6	☐	12500.000	13523.919	44392199.14	111.4829	A	0.1
7	☐	25000.000	27021.921	87544023.25	222.7422	A	0.7
8	☐	50000.000	53177.136	175228566.8	438.3306	A	0.7
9	☐	250000.00	249093.34	833617996.4	2,053.199	A	0.5

$$y = 0.0082 * x + 0.0099$$

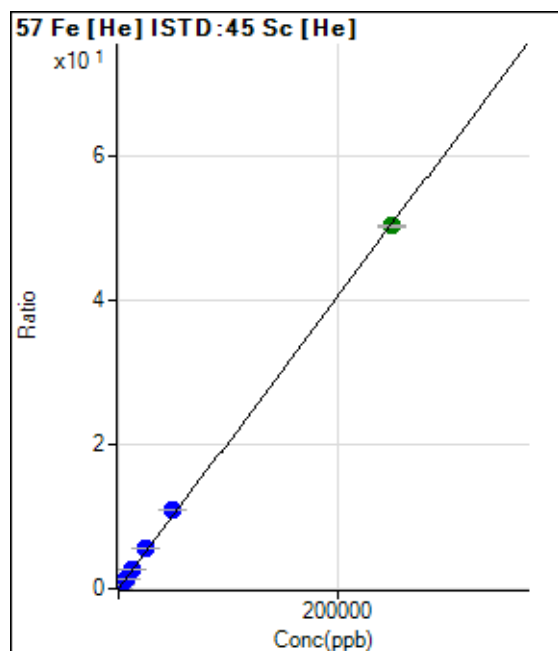
$$R = 0.9999$$

$$DL = 0.1038$$

$$BEC = 1.202$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	166.67	0.0003	P	3.5
2	☐	5.000					
3	☐	50.000	57.333	5840.21	0.0119	P	1.2
4	☐	2500.000	2761.259	253051.07	0.5573	P	2.6
5	☐	6250.000	6933.120	581508.74	1.3988	P	0.7
6	☐	12500.000	13658.887	1097187.04	2.7554	P	0.2
7	☐	25000.000	27225.423	2158473.48	5.4918	P	0.1
8	☐	50000.000	53594.802	4321736.87	10.8106	P	0.5
9	☐	250000.00	248980.86	20390181.24	50.2208	A	0.4

$$y = 2.0170E-004 * x + 3.3480E-004$$

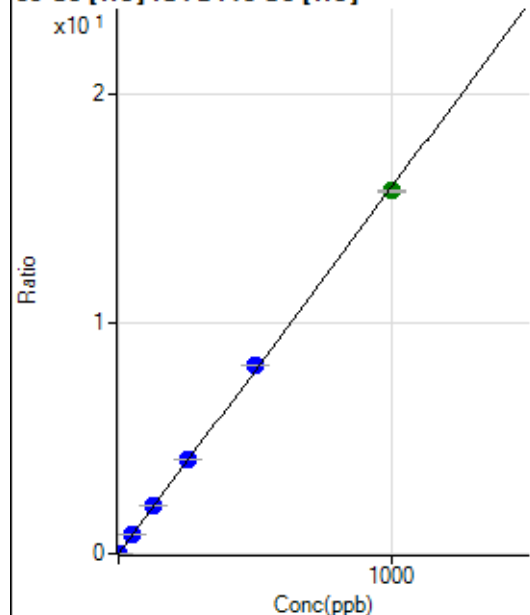
$$R = 0.9999$$

$$DL = 0.173$$

$$BEC = 1.66$$

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	138.89	0.0003	P	5.0
2	☐	0.100					
3	☐	1.000	0.970	7719.93	0.0157	P	1.8
4	☐	50.000	53.104	384241.38	0.8462	P	2.6
5	☐	125.000	132.168	875359.37	2.1057	P	1.2
6	☐	250.000	258.708	1641133.72	4.1214	P	0.2
7	☐	500.000	513.336	3214048.84	8.1776	P	0.4
8	☐	1000.000	990.104	6305227.47	15.7723	A	0.6
9	☐			74359.43	0.1831	P	1.6

$$y = 0.0159 * x + 2.7900E-004$$

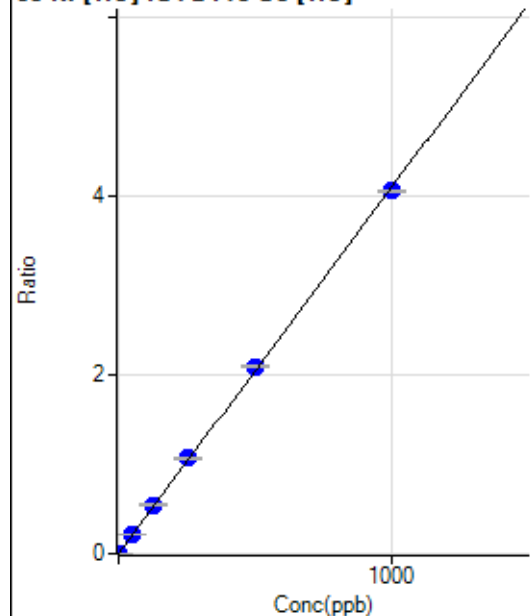
$$R = 0.9998$$

$$DL = 0.002649$$

$$BEC = 0.01751$$

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	68.89	0.0001	P	36.3
2	☐	0.100					
3	☐	1.000	1.039	2157.97	0.0044	P	8.4
4	☐	50.000	54.276	101076.41	0.2226	P	2.6
5	☐	125.000	133.817	228069.16	0.5486	P	0.8
6	☐	250.000	260.107	424570.18	1.0662	P	0.3
7	☐	500.000	510.315	822120.06	2.0918	P	0.7
8	☐	1000.000	991.000	1623846.05	4.0619	P	0.3
9	☐			28938.78	0.0713	P	1.2

$$y = 0.0041 * x + 1.3834E-004$$

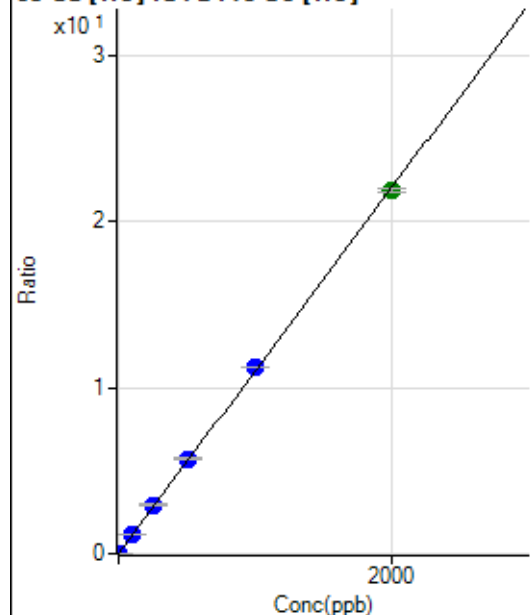
$$R = 0.9998$$

$$DL = 0.03676$$

$$BEC = 0.03375$$

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	366.68	0.0007	P	5.5
2	☐	0.200					
3	☐	2.000	2.000	11178.87	0.0228	P	2.0
4	☐	100.000	108.039	540957.41	1.1913	P	2.5
5	☐	250.000	267.292	1224843.24	2.9463	P	0.9
6	☐	500.000	520.185	2282925.68	5.7332	P	0.6
7	☐	1000.000	1017.265	4406363.86	11.2110	P	0.4
8	☐	2000.000	1983.758	8739456.12	21.8618	A	0.9
9	☐			11234.48	0.0277	P	1.8

$$y = 0.0110 * x + 7.3665E-004$$

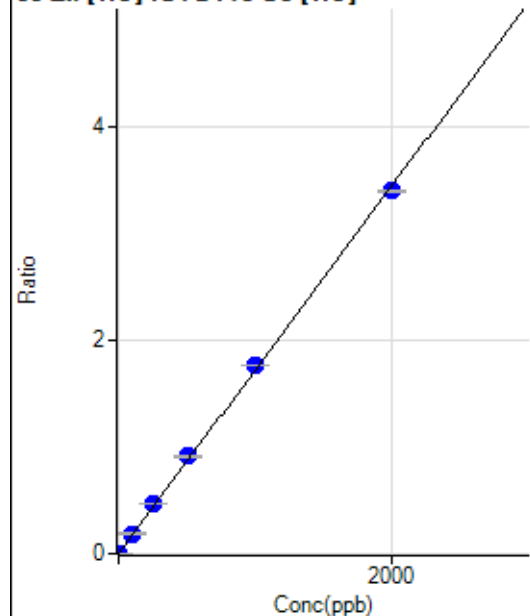
$$R = 0.9999$$

$$DL = 0.01102$$

$$BEC = 0.06685$$

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	461.13	0.0009	P	3.7
2	☐	0.200					
3	☐	2.000	1.995	2137.97	0.0044	P	2.3
4	☐	100.000	108.895	85414.73	0.1881	P	2.2
5	☐	250.000	269.431	192908.02	0.4640	P	0.9
6	☐	500.000	528.531	362110.33	0.9094	P	0.7
7	☐	1000.000	1029.205	695654.30	1.7699	P	0.3
8	☐	2000.000	1975.391	1357723.69	3.3963	P	0.4
9	☐			9927.95	0.0245	P	1.3

$$y = 0.0017 * x + 9.2635E-004$$

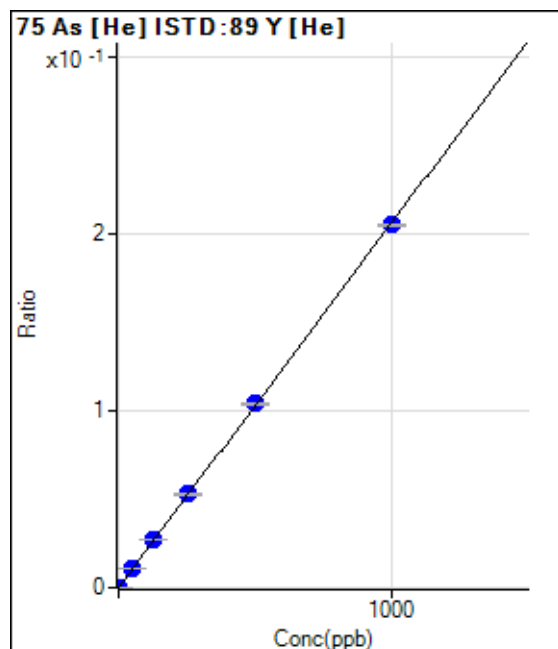
$$R = 0.9997$$

$$DL = 0.05949$$

$$BEC = 0.5389$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5.56	0.0000	P	66.9
2	☐	0.100					
3	☐	1.000	0.967	478.41	0.0002	P	8.1
4	☐	50.000	52.813	24241.24	0.0109	P	1.9
5	☐	125.000	130.352	55563.55	0.0268	P	0.6
6	☐	250.000	256.288	105081.46	0.0527	P	0.7
7	☐	500.000	505.236	205882.37	0.1040	P	0.8
8	☐	1000.000	995.000	406782.18	0.2048	P	0.6
9	☐			530.88	0.0003	P	7.3

$$y = 2.0581\text{E-}004 * x + 2.3173\text{E-}006$$

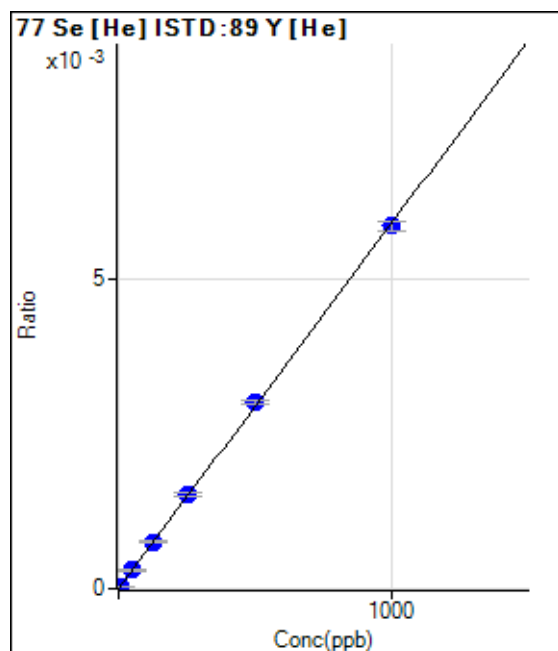
$$R = 1.0000$$

$$DL = 0.02259$$

$$BEC = 0.01126$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	4.921	68.89	0.0000	P	22.3
4	☐	50.000	52.317	686.69	0.0003	P	10.6
5	☐	125.000	128.509	1567.89	0.0008	P	3.0
6	☐	250.000	259.244	3042.59	0.0015	P	3.6
7	☐	500.000	508.191	5929.08	0.0030	P	2.0
8	☐	1000.000	993.039	11622.59	0.0059	P	2.5
9	☐			7.78	0.0000	P	25.0

$$y = 5.8919\text{E-}006 * x + 0.0000\text{E+}000$$

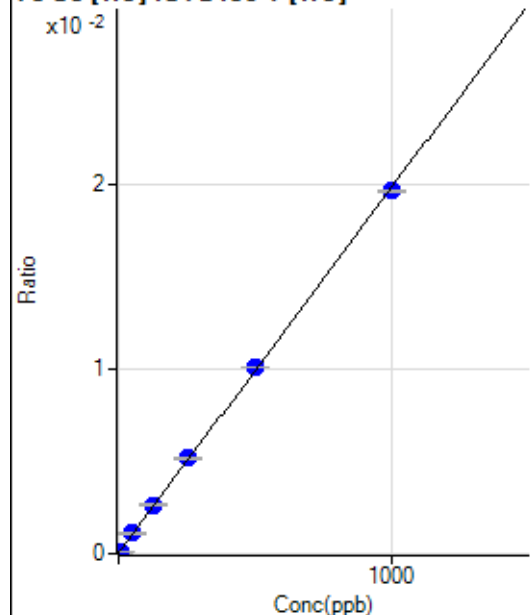
$$R = 0.9999$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	80.87	0.0000	P	17.0
2	☐	0.500					
3	☐	5.000	5.452	337.05	0.0001	P	1.2
4	☐	50.000	54.045	2465.04	0.0011	P	5.1
5	☐	125.000	132.331	5506.65	0.0027	P	1.5
6	☐	250.000	260.406	10358.09	0.0052	P	1.9
7	☐	500.000	510.434	20116.48	0.0102	P	0.1
8	☐	1000.000	991.061	39122.32	0.0197	P	0.5
9	☐			69.75	0.0000	P	3.6

$$y = 1.9838\text{E-}005 * x + 3.3704\text{E-}005$$

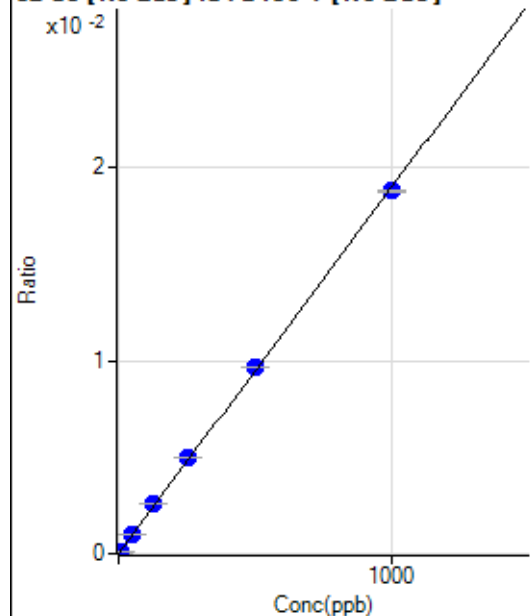
$$R = 0.9999$$

$$DL = 0.8653$$

$$BEC = 1.699$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.64	0.0000	P	129.
2	☐	0.500					
3	☐	5.000	4.888	1614.55	0.0001	P	5.4
4	☐	50.000	53.584	16929.24	0.0010	P	0.8
5	☐	125.000	134.470	39486.71	0.0026	P	0.4
6	☐	250.000	262.585	72922.87	0.0050	P	1.1
7	☐	500.000	509.382	140620.45	0.0097	P	0.4
8	☐	1000.000	990.800	269617.24	0.0188	P	0.6
9	☐			225.97	0.0000	P	17.6

$$y = 1.8975\text{E-}005 * x + 2.4538\text{E-}006$$

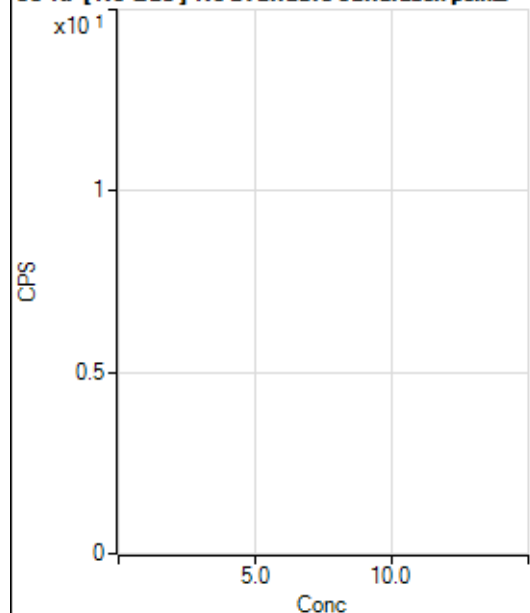
$$R = 0.9998$$

$$DL = 0.5029$$

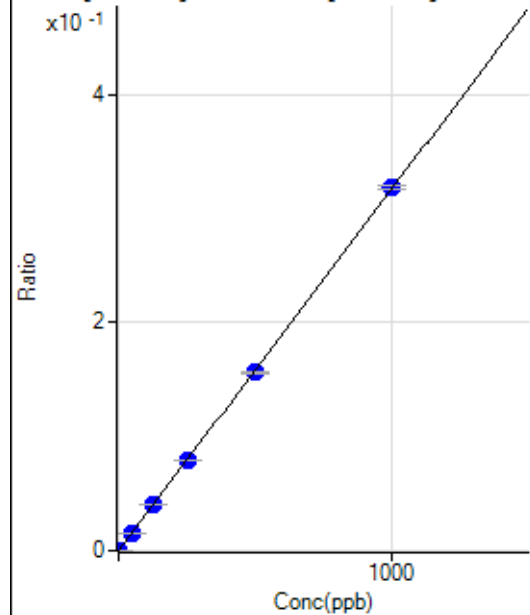
$$BEC = 0.1293$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			415.57		P	10.3
2	☐						
3	☐			477.80		P	14.0
4	☐			417.79		P	4.0
5	☐			377.79		P	8.7
6	☐			328.90		P	3.1
7	☐			354.46		P	10.0
8	☐			393.34		P	12.0
9	☐			452.24		P	3.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	700.05	0.0000	P	9.8
2	☐	0.100					
3	☐	1.000	0.880	5426.25	0.0003	P	6.0
4	☐	50.000	49.492	261148.39	0.0157	P	0.9
5	☐	125.000	125.921	617471.76	0.0399	P	0.1
6	☐	250.000	248.431	1152065.79	0.0788	P	0.8
7	☐	500.000	492.695	2271183.27	0.1562	P	0.7
8	☐	1000.000	1003.955	4561900.84	0.3181	P	0.9
9	☐			19856.14	0.0014	P	0.5

$$y = 3.1685E-004 * x + 4.1206E-005$$

$$R = 1.0000$$

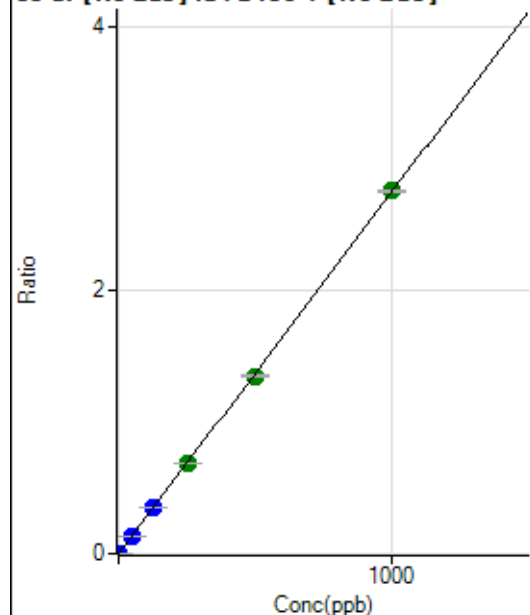
$$DL = 0.03825$$

$$BEC = 0.13$$

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	152.79	0.0000	P	3.2
2	☐	0.100					
3	☐	1.000	0.906	42241.21	0.0025	P	2.4
4	☐	50.000	49.695	2261690.15	0.1362	P	0.5
5	☐	125.000	126.520	5359510.41	0.3467	P	0.5
6	☐	250.000	248.195	9947547.27	0.6800	A	0.2
7	☐	500.000	492.020	19606905.64	1.3480	A	0.2
8	☐	1000.000	1004.267	39452811.64	2.7515	A	0.3
9	☐			166145.95	0.0119	P	1.5

$$y = 0.0027 * x + 8.9930E-006$$

$$R = 0.9999$$

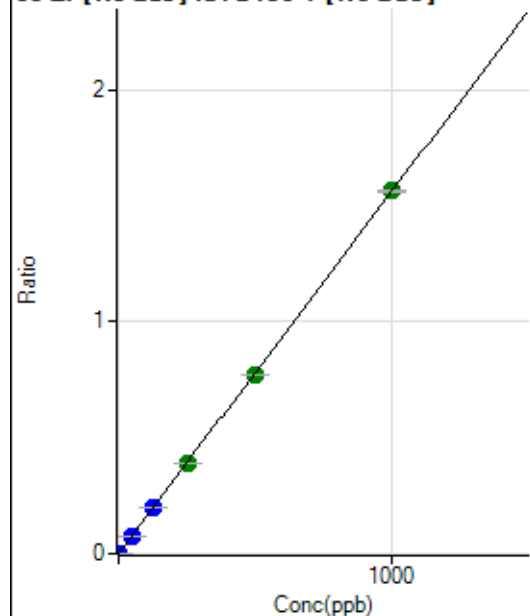
$$DL = 0.0003165$$

$$BEC = 0.003282$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1005.63	0.0001	P	13.2
2	☐	0.100					
3	☐	1.000	0.933	25685.16	0.0015	P	1.2
4	☐	50.000	49.642	1286829.65	0.0775	P	0.4
5	☐	125.000	126.622	3053685.14	0.1975	P	0.1
6	☐	250.000	248.445	5668370.27	0.3875	A	0.1
7	☐	500.000	494.729	11222079.85	0.7716	A	0.3
8	☐	1000.000	1002.840	22424665.26	1.5639	A	0.3
9	☐			9445.16	0.0007	P	3.5

$$y = 0.0016 * x + 5.9193E-005$$

$$R = 1.0000$$

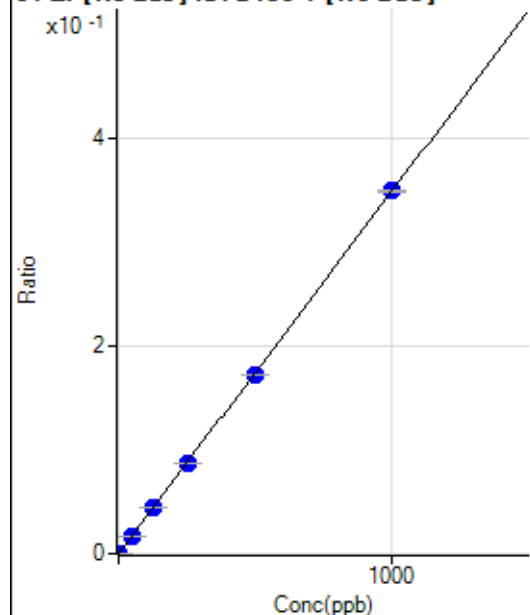
$$DL = 0.015$$

$$BEC = 0.03796$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	194.45	0.0000	P	16.4
2	☐	0.100					
3	☐	1.000	0.905	5551.32	0.0003	P	3.4
4	☐	50.000	49.400	286694.46	0.0173	P	0.3
5	☐	125.000	125.961	680144.41	0.0440	P	0.4
6	☐	250.000	248.597	1269938.10	0.0868	P	0.6
7	☐	500.000	495.615	2517182.43	0.1731	P	0.2
8	☐	1000.000	1002.454	5019197.03	0.3500	P	0.6
9	☐			2030.80	0.0001	P	1.4

$$y = 3.4917\text{E-}004 * x + 1.1447\text{E-}005$$

$$R = 1.0000$$

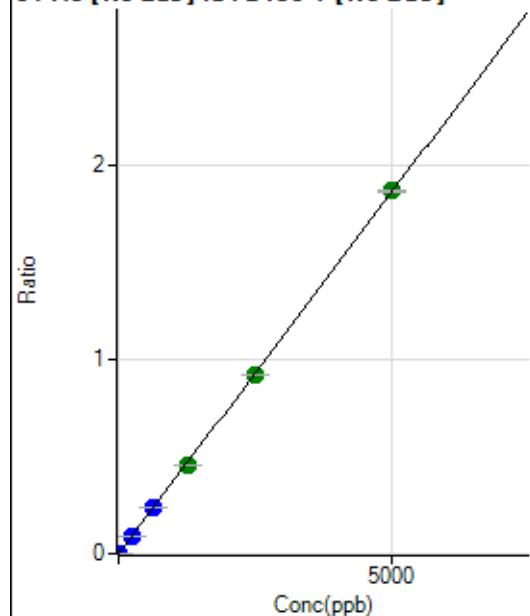
$$DL = 0.0161$$

$$BEC = 0.03278$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	380.58	0.0000	P	13.4
2	☐	0.500					
3	☐	5.000	4.651	29703.66	0.0018	P	1.6
4	☐	250.000	249.561	1541340.09	0.0928	P	0.6
5	☐	625.000	636.522	3658655.51	0.2366	P	0.5
6	☐	1250.000	1232.069	6700391.21	0.4580	A	0.3
7	☐	2500.000	2466.107	13334285.54	0.9168	A	0.4
8	☐	5000.000	5020.011	26759072.47	1.8662	A	0.3
9	☐			18651.82	0.0013	P	3.4

$$y = 3.7175\text{E-}004 * x + 2.2400\text{E-}005$$

$$R = 1.0000$$

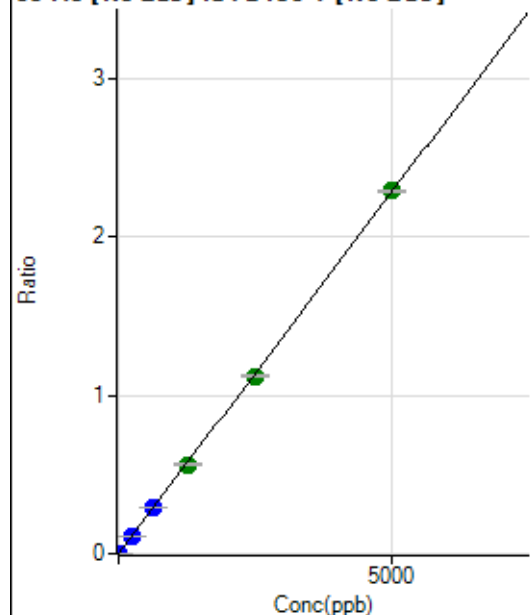
$$DL = 0.02419$$

$$BEC = 0.06026$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	61.11	0.0000	P	64.5
2	☐	0.500					
3	☐	5.000	4.752	36851.30	0.0022	P	2.0
4	☐	250.000	248.933	1887697.22	0.1136	P	0.5
5	☐	625.000	636.025	4489246.80	0.2904	P	0.2
6	☐	1250.000	1233.847	8240085.69	0.5633	A	1.0
7	☐	2500.000	2459.205	16329255.57	1.1227	A	0.3
8	☐	5000.000	5023.111	32881379.55	2.2932	A	0.6
9	☐			28156.43	0.0020	P	5.3

$$y = 4.5653\text{E-}004 * x + 3.5994\text{E-}006$$

$$R = 0.9999$$

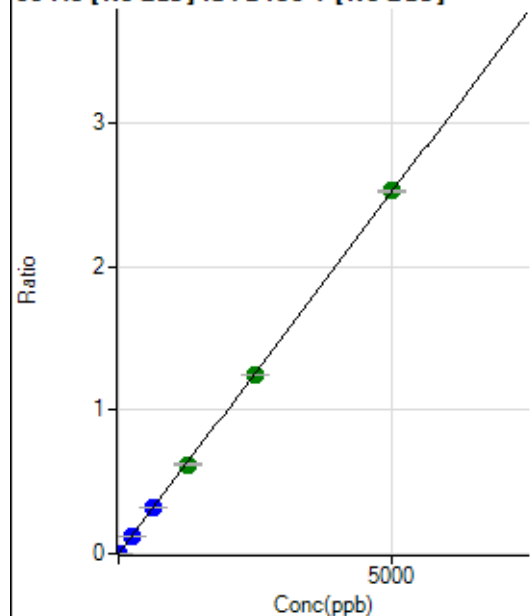
$$DL = 0.01525$$

$$BEC = 0.007884$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	213.90	0.0000	P	32.5
2	☐	0.500					
3	☐	5.000	4.799	41232.74	0.0024	P	0.7
4	☐	250.000	248.381	2079334.14	0.1252	P	0.2
5	☐	625.000	636.957	4962840.22	0.3210	P	0.4
6	☐	1250.000	1235.455	9108050.03	0.6226	A	0.5
7	☐	2500.000	2466.192	18077006.13	1.2429	A	0.3
8	☐	5000.000	5019.127	36269256.71	2.5294	A	0.3
9	☐			41040.61	0.0029	P	3.3

$$y = 5.0395\text{E-}004 * x + 1.2592\text{E-}005$$

$$R = 1.0000$$

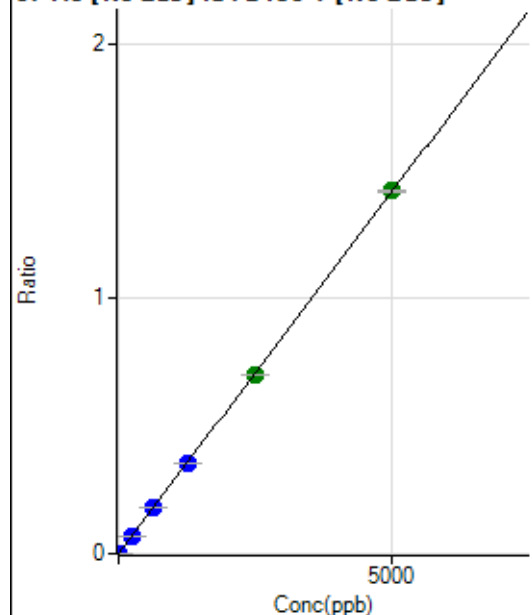
$$DL = 0.02438$$

$$BEC = 0.02499$$

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	44.45	0.0000	P	43.1
2	☐	0.500					
3	☐	5.000	4.888	23564.72	0.0014	P	1.2
4	☐	250.000	247.703	1167295.50	0.0703	P	0.2
5	☐	625.000	634.974	2785150.28	0.1801	P	0.2
6	☐	1250.000	1243.953	5162562.66	0.3529	P	0.5
7	☐	2500.000	2463.765	10166407.34	0.6990	A	0.2
8	☐	5000.000	5018.497	20415102.02	1.4238	A	0.2
9	☐			16368.35	0.0012	P	4.9

$$y = 2.8370E-004 * x + 2.6149E-006$$

$$R = 1.0000$$

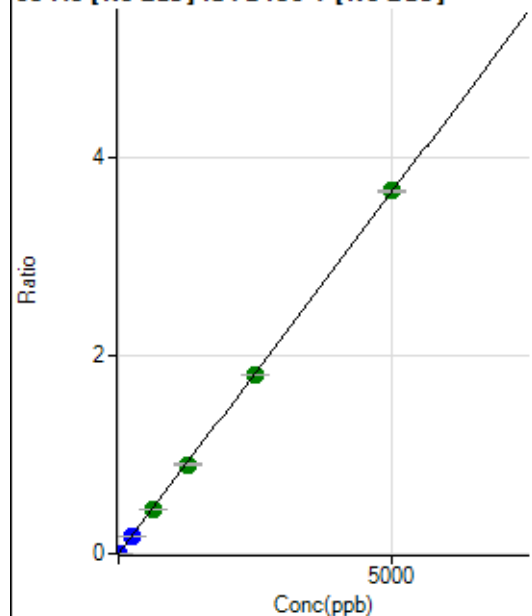
$$DL = 0.01193$$

$$BEC = 0.009217$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	122.23	0.0000	P	15.7
2	☐	0.500					
3	☐	5.000	4.760	59034.41	0.0035	P	1.1
4	☐	250.000	249.071	3019262.31	0.1818	P	0.1
5	☐	625.000	623.914	7039622.47	0.4553	A	0.3
6	☐	1250.000	1236.066	13195779.12	0.9021	A	0.3
7	☐	2500.000	2467.807	26194284.09	1.8010	A	0.5
8	☐	5000.000	5019.762	52527140.41	3.6633	A	0.3
9	☐			40937.72	0.0029	P	3.4

$$y = 7.2978E-004 * x + 7.1935E-006$$

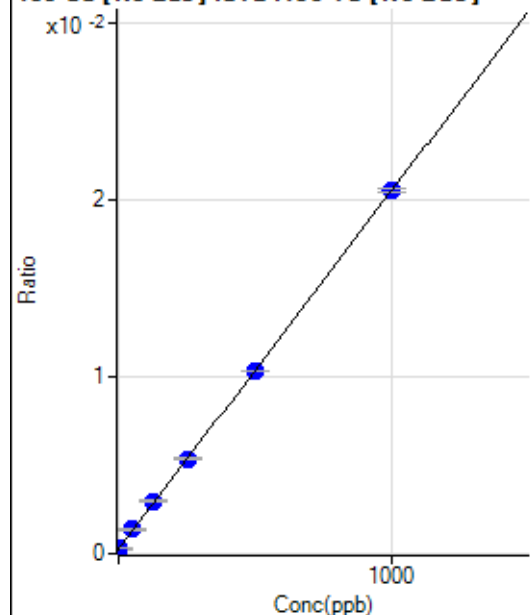
$$R = 1.0000$$

$$DL = 0.004633$$

$$BEC = 0.009857$$

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	5381.82	0.0003	P	3.8
2	☐	0.100					
3	☐	1.000	1.436	5962.62	0.0003	P	2.1
4	☐	50.000	54.872	28988.87	0.0014	P	0.8
5	☐	125.000	134.992	60572.12	0.0030	P	0.2
6	☐	250.000	251.924	106179.26	0.0054	P	1.4
7	☐	500.000	496.558	205851.52	0.0103	P	0.4
8	☐	1000.000	999.747	405135.57	0.0205	P	0.9
9	☐			4723.23	0.0002	P	5.8

$$y = 2.0287\text{E-}005 * x + 2.5243\text{E-}004$$

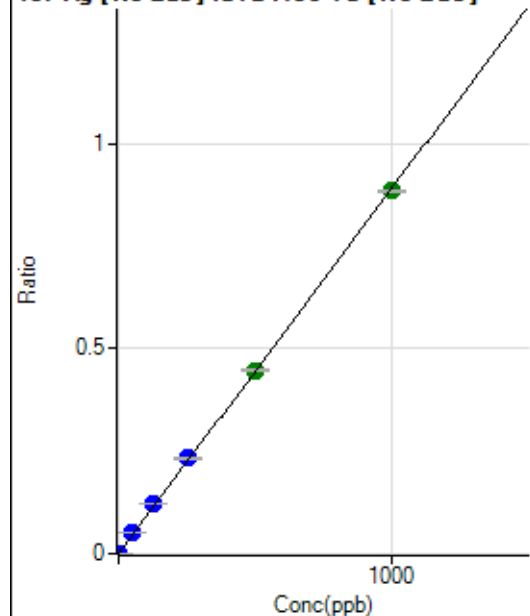
$$R = 0.9999$$

$$DL = 1.421$$

$$BEC = 12.44$$

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	138.90	0.0000	P	18.7
2	☐	0.100					
3	☐	1.000	1.069	20254.10	0.0010	P	2.9
4	☐	50.000	56.414	1064277.55	0.0501	P	0.2
5	☐	125.000	138.552	2493445.63	0.1231	P	0.3
6	☐	250.000	261.204	4595602.31	0.2321	P	0.5
7	☐	500.000	501.418	8882300.98	0.4456	A	1.0
8	☐	1000.000	994.475	17435446.57	0.8837	A	0.9
9	☐			1063.98	0.0001	P	14.7

$$y = 8.8862\text{E-}004 * x + 6.5177\text{E-}006$$

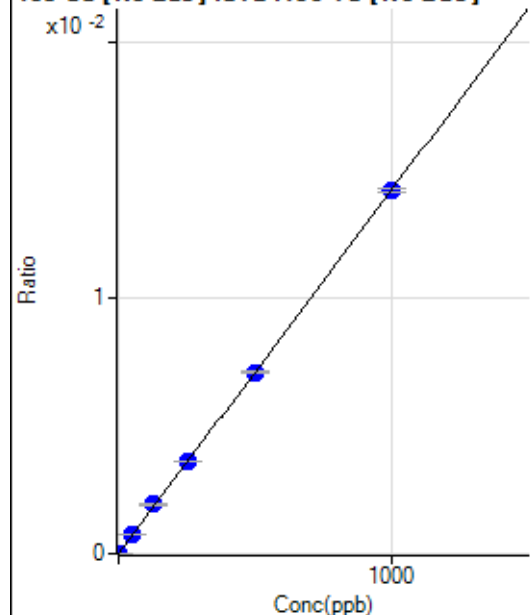
$$R = 0.9999$$

$$DL = 0.004109$$

$$BEC = 0.007335$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	15.28	0.0000	P	56.4
2	☐	0.100					
3	☐	1.000	0.933	295.84	0.0000	P	16.3
4	☐	50.000	54.781	16523.79	0.0008	P	2.5
5	☐	125.000	135.653	39012.18	0.0019	P	1.5
6	☐	250.000	254.916	71660.64	0.0036	P	0.9
7	☐	500.000	498.285	141031.73	0.0071	P	1.1
8	☐	1000.000	998.058	279558.83	0.0142	P	1.0
9	☐			55.55	0.0000	P	9.0

$$y = 1.4196\text{E-}005 * x + 7.1557\text{E-}007$$

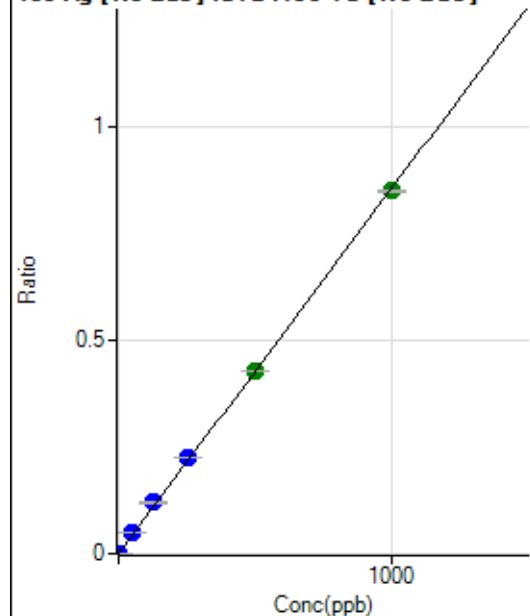
$$R = 0.9999$$

$$DL = 0.08525$$

$$BEC = 0.05041$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	63.89	0.0000	P	27.4
2	☐	0.100					
3	☐	1.000	1.071	19497.48	0.0009	P	1.6
4	☐	50.000	56.590	1029153.88	0.0485	P	0.3
5	☐	125.000	139.891	2426988.96	0.1198	P	0.5
6	☐	250.000	261.591	4436865.16	0.2241	P	0.4
7	☐	500.000	502.265	8577671.11	0.4303	A	0.3
8	☐	1000.000	993.779	16796594.13	0.8514	A	0.4
9	☐			913.97	0.0000	P	8.3

$$y = 8.5668\text{E-}004 * x + 2.9979\text{E-}006$$

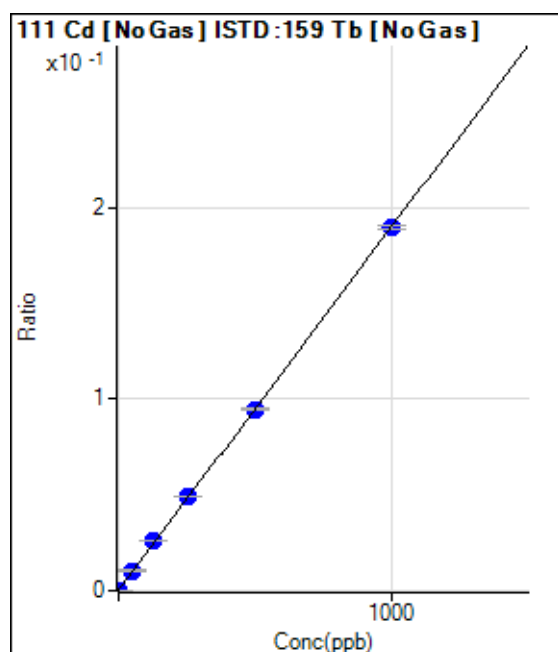
$$R = 0.9998$$

$$DL = 0.002876$$

$$BEC = 0.003499$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3776.02	0.0002	P	3.7
2	☐	0.100					
3	☐	1.000	1.067	8041.02	0.0004	P	1.5
4	☐	50.000	54.517	223577.14	0.0105	P	0.8
5	☐	125.000	135.726	525690.05	0.0260	P	0.9
6	☐	250.000	256.767	969143.40	0.0489	P	0.3
7	☐	500.000	498.992	1893066.37	0.0950	P	0.8
8	☐	1000.000	997.246	3740831.59	0.1896	P	1.2
9	☐			3677.11	0.0002	P	4.7

$$y = 1.8995\text{E-}004 * x + 1.7712\text{E-}004$$

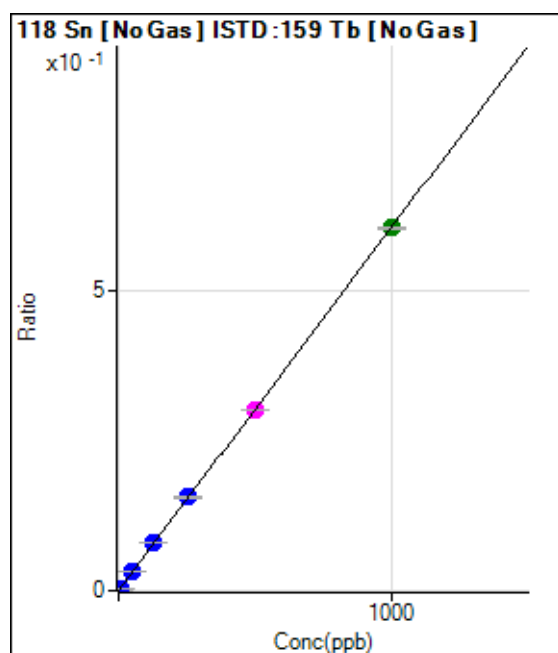
$$R = 0.9999$$

$$DL = 0.1021$$

$$BEC = 0.9324$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	980.64	0.0000	P	4.7
2	☐	0.500					
3	☐	5.000	5.123	66527.31	0.0031	P	0.7
4	☐	50.000	53.124	682454.38	0.0321	P	0.7
5	☐	125.000	133.812	1638545.06	0.0809	P	0.3
6	☐	250.000	257.109	3077071.06	0.1554	P	0.5
7	☐	500.000	496.834	5986374.31	0.3003	M	0.7
8	☐	1000.000	998.547	11906356.78	0.6035	A	0.5
9	☐			9898.31	0.0005	P	2.7

$$y = 6.0431\text{E-}004 * x + 4.6002\text{E-}005$$

$$R = 0.9999$$

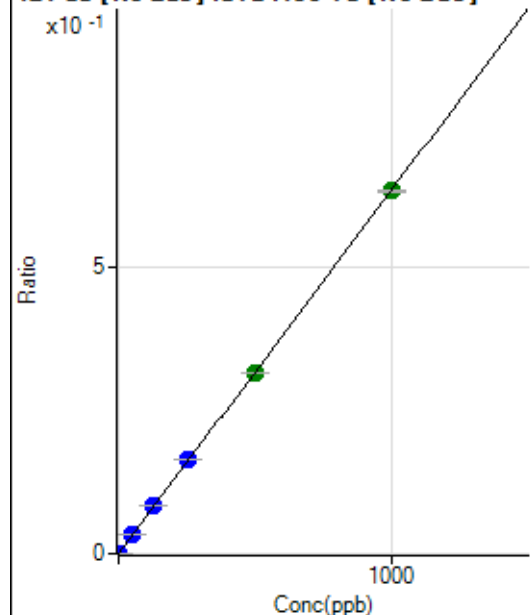
$$DL = 0.01085$$

$$BEC = 0.07612$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	86.12	0.0000	P	36.6
2	☐	0.200					
3	☐	2.000	1.996	26826.50	0.0013	P	0.3
4	☐	50.000	52.879	710110.55	0.0335	P	0.3
5	☐	125.000	134.074	1717522.50	0.0848	P	0.5
6	☐	250.000	257.170	3220785.53	0.1627	P	0.4
7	☐	500.000	497.817	6277523.93	0.3149	A	0.1
8	☐	1000.000	998.021	12455204.36	0.6313	A	0.5
9	☐			12831.37	0.0007	P	0.7

$$y = 6.3255E-004 * x + 4.0385E-006$$

$$R = 0.9999$$

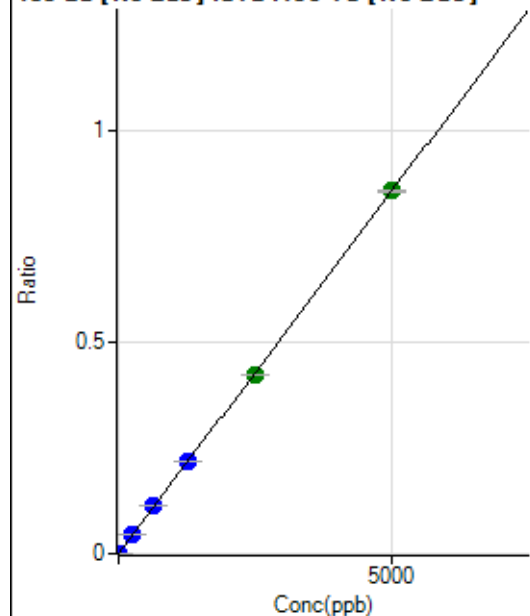
$$DL = 0.007015$$

$$BEC = 0.006385$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	69.45	0.0000	P	14.2
2	☐	1.000					
3	☐	10.000	9.817	35746.88	0.0017	P	1.1
4	☐	250.000	258.222	940828.97	0.0443	P	1.1
5	☐	625.000	653.513	2271521.54	0.1122	P	0.1
6	☐	1250.000	1262.616	4290474.84	0.2167	P	0.2
7	☐	2500.000	2471.600	8456592.11	0.4242	A	0.3
8	☐	5000.000	5007.071	16954932.84	0.8594	A	0.4
9	☐			2272.52	0.0001	P	8.1

$$y = 1.7163E-004 * x + 3.2585E-006$$

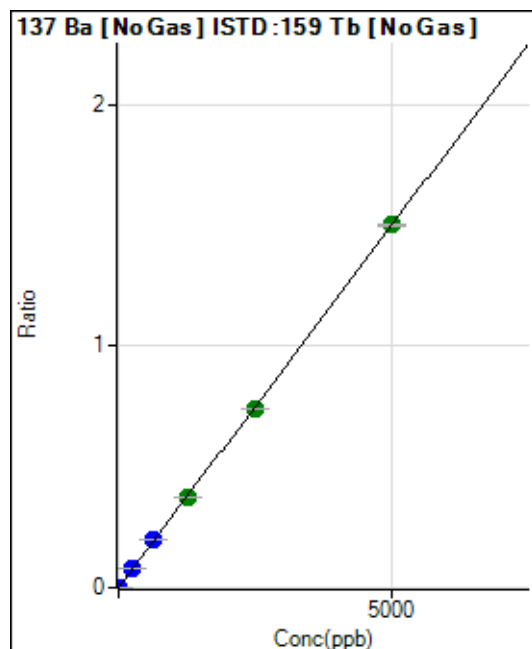
$$R = 1.0000$$

$$DL = 0.00809$$

$$BEC = 0.01899$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	105.56	0.0000	P	19.9
2	☐	1.000					
3	☐	10.000	9.894	62946.28	0.0030	P	0.7
4	☐	250.000	260.222	1656832.90	0.0781	P	1.5
5	☐	625.000	658.295	3998552.00	0.1974	P	0.4
6	☐	1250.000	1255.377	7454747.91	0.3765	A	0.3
7	☐	2500.000	2471.580	14778044.95	0.7413	A	0.1
8	☐	5000.000	5008.193	29636098.23	1.5021	A	0.6
9	☐			4125.81	0.0002	P	5.7

$$y = 2.9993E-004 * x + 4.9516E-006$$

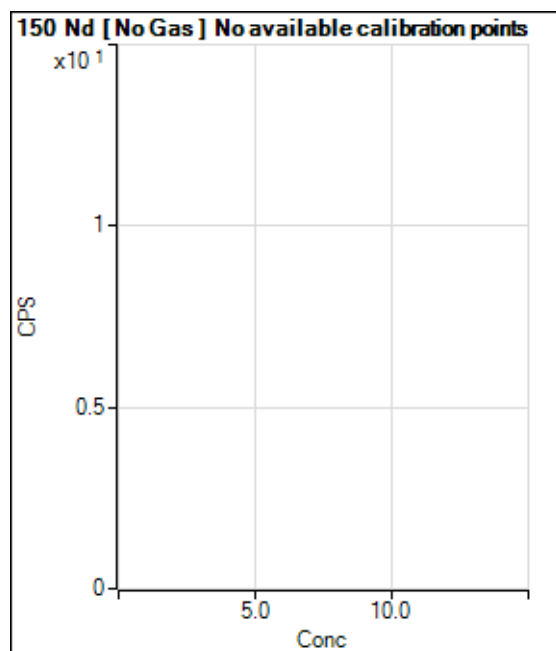
$$R = 1.0000$$

$$DL = 0.00988$$

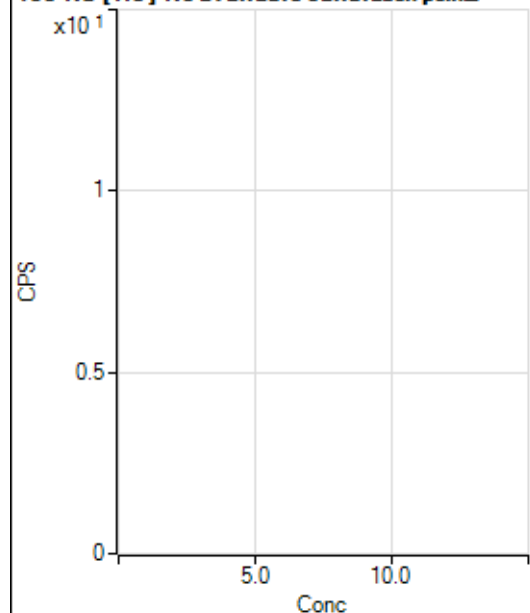
$$BEC = 0.01651$$

Weight: <None>

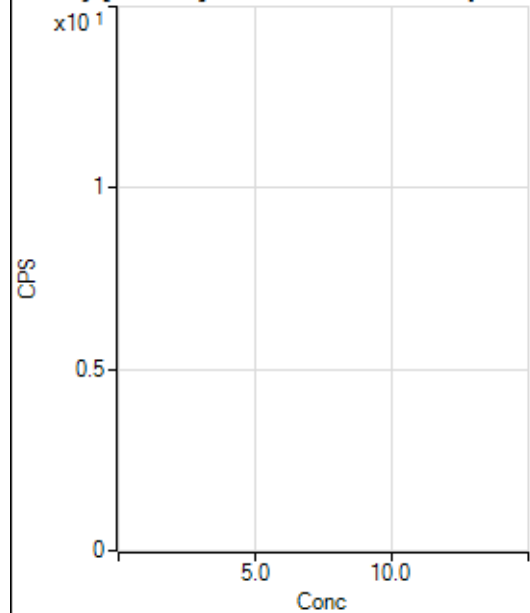
Min Conc: 0



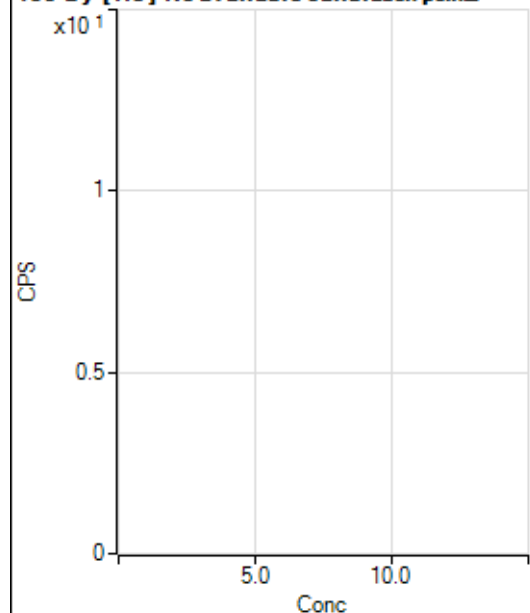
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			2.22		P	173.
2	☐						
3	☐			2.22		P	173.
4	☐			48.89		P	20.8
5	☐			175.56		P	5.8
6	☐			308.90		P	11.9
7	☐			604.48		P	7.3
8	☐			1197.87		P	6.4
9	☐			286.68		P	11.6

150 Nd [He] No available calibration points

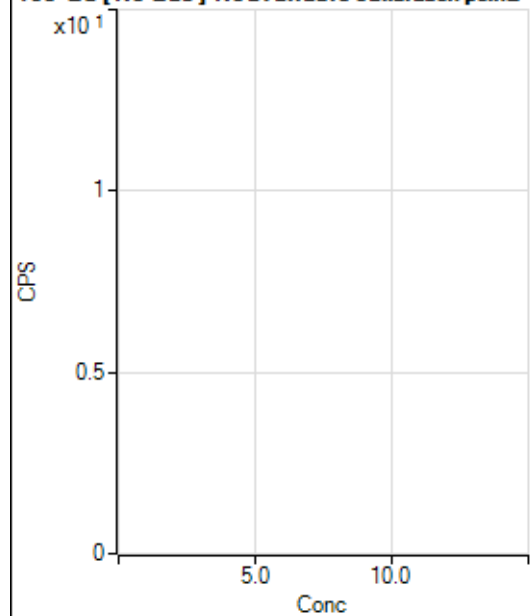
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			7.78		P	65.5
5	☐			18.89		P	88.8
6	☐			23.33		P	37.8
7	☐			65.56		P	11.7
8	☐			120.01		P	21.0
9	☐			100.01		P	20.8

156 Dy [No Gas] No available calibration points

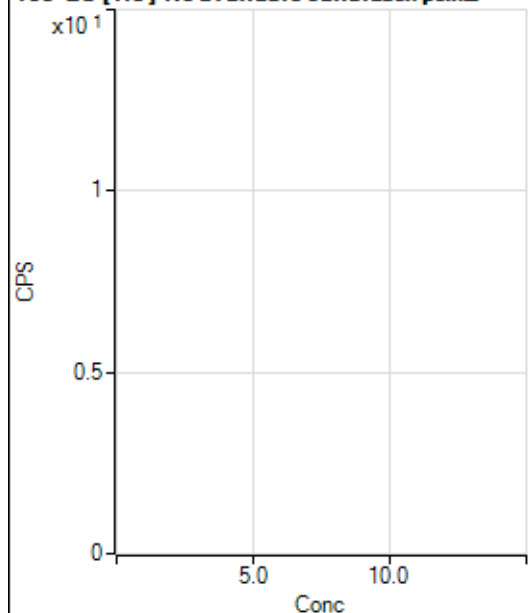
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.89		P	91.6
2	☐						
3	☐			11.11		P	43.3
4	☐			19.45		P	24.7
5	☐			44.44		P	96.2
6	☐			61.12		P	55.1
7	☐			133.34		P	28.6
8	☐			241.68		P	12.4
9	☐			155.57		P	11.2

156 Dy [He] No available calibration points

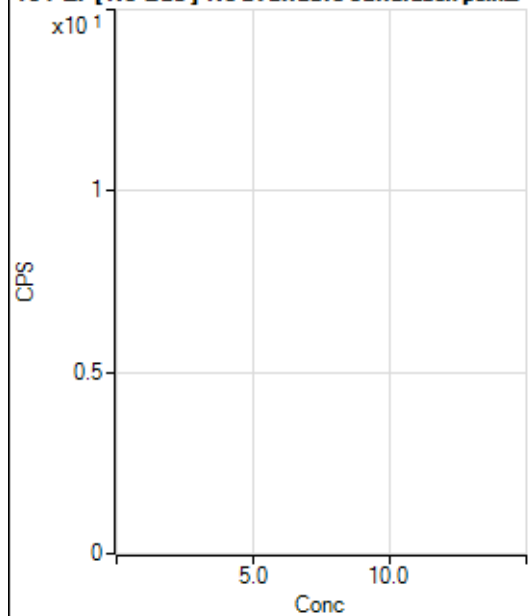
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	69.3
2	☐						
3	☐			2.22		P	86.6
4	☐			21.11		P	18.2
5	☐			38.89		P	21.6
6	☐			84.45		P	8.2
7	☐			135.56		P	2.8
8	☐			291.12		P	2.4
9	☐			58.89		P	19.9

160 Gd [No Gas] Noavailable calibration poin_

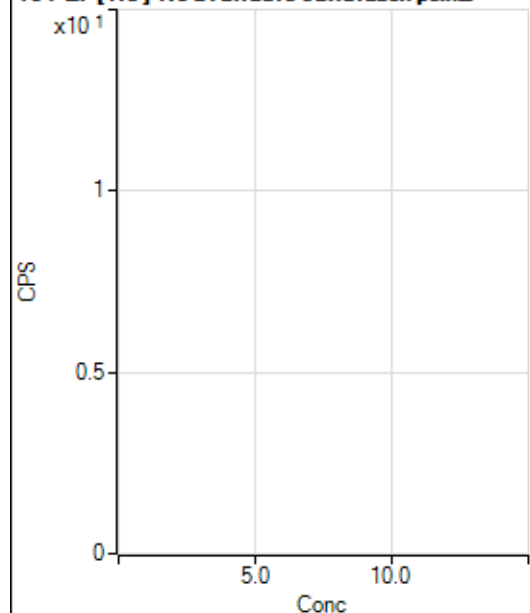
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			69.45		P	59.2
2	☐						
3	☐			55.56		P	52.7
4	☐			83.34		P	40.0
5	☐			100.01		P	8.3
6	☐			77.78		P	24.7
7	☐			88.89		P	44.3
8	☐			111.12		P	26.3
9	☐			186.12		P	22.5

160 Gd [He] No available calibration points

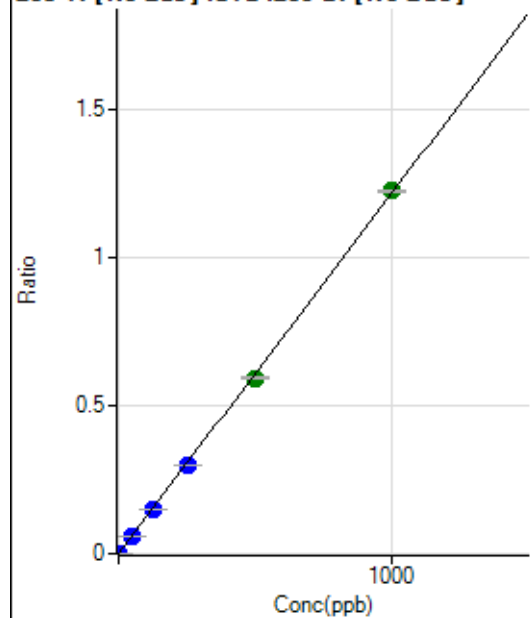
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			310.01		P	3.7
2	☐						
3	☐			304.45		P	8.3
4	☐			310.01		P	6.0
5	☐			281.12		P	4.8
6	☐			254.45		P	11.0
7	☐			271.12		P	1.9
8	☐			303.34		P	11.6
9	☐			300.01		P	5.8

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			66.67		P	12.5
2	☐						
3	☐			63.89		P	37.7
4	☐			50.00		P	44.1
5	☐			61.11		P	15.7
6	☐			88.89		P	23.6
7	☐			69.45		P	50.0
8	☐			91.67		P	24.1
9	☐			125.01		P	13.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	61.6
2	☐						
3	☐			34.44		P	14.8
4	☐			32.22		P	26.0
5	☐			34.44		P	5.6
6	☐			26.67		P	33.1
7	☐			44.45		P	15.6
8	☐			52.22		P	9.7
9	☐			33.33		P	36.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	269.46	0.0000	P	18.8
2	☐	0.100					
3	☐	1.000	0.868	15492.98	0.0011	P	1.6
4	☐	50.000	47.711	836884.54	0.0579	P	0.3
5	☐	125.000	122.696	2068159.36	0.1490	P	0.3
6	☐	250.000	245.829	4015970.45	0.2985	P	0.9
7	☐	500.000	488.143	7883586.20	0.5926	A	0.2
8	☐	1000.000	1007.374	15725609.72	1.2230	A	0.3
9	☐			2494.82	0.0002	P	8.6

$$y = 0.0012 * x + 1.8413E-005$$

$$R = 0.9999$$

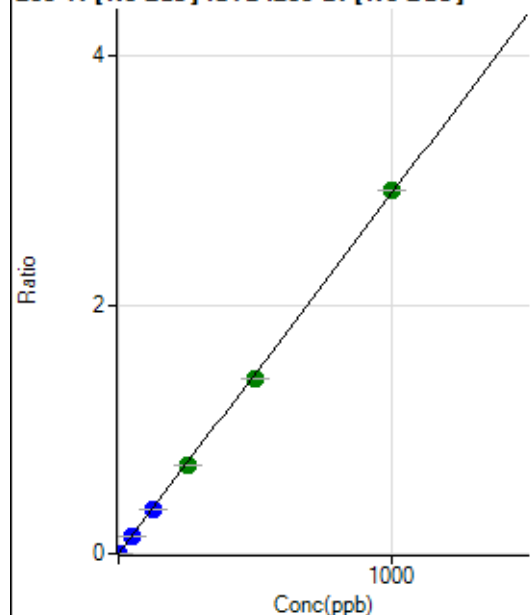
$$DL = 0.008533$$

$$BEC = 0.01517$$

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	711.16	0.0000	P	1.8
2	☐	0.100					
3	☐	1.000	0.880	37478.83	0.0026	P	0.6
4	☐	50.000	47.981	2006007.79	0.1389	P	0.8
5	☐	125.000	124.265	4992459.36	0.3596	P	0.4
6	☐	250.000	243.576	9484022.26	0.7048	A	0.0
7	☐	500.000	488.397	18800294.87	1.4132	A	0.0
8	☐	1000.000	1007.600	37489458.48	2.9156	A	0.2
9	☐			6257.31	0.0006	P	5.7

$$y = 0.0029 * x + 4.8591E-005$$

$$R = 0.9999$$

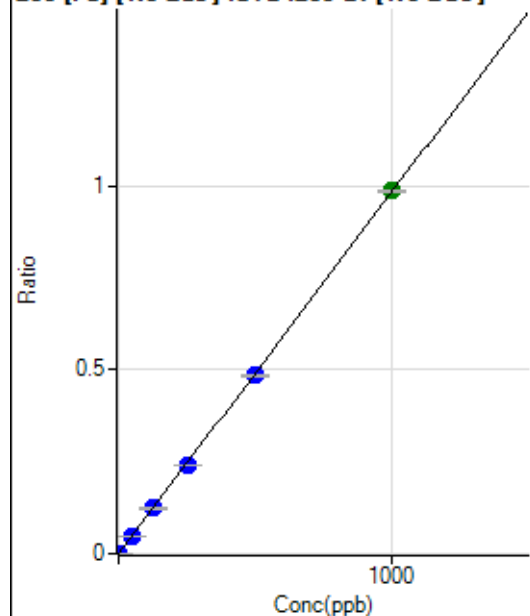
$$DL = 0.0008925$$

$$BEC = 0.01679$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1116.75	0.0001	P	9.7
2	☐	0.100					
3	☐	1.000	0.895	13803.81	0.0010	P	2.8
4	☐	50.000	48.627	690888.59	0.0478	P	0.2
5	☐	125.000	125.097	1706654.38	0.1229	P	0.7
6	☐	250.000	246.476	3258116.62	0.2421	P	0.6
7	☐	500.000	493.038	6442412.12	0.4843	P	0.6
8	☐	1000.000	1004.419	12684568.22	0.9865	A	0.4
9	☐			12906.59	0.0012	P	3.4

$$y = 9.8207E-004 * x + 7.6287E-005$$

$$R = 1.0000$$

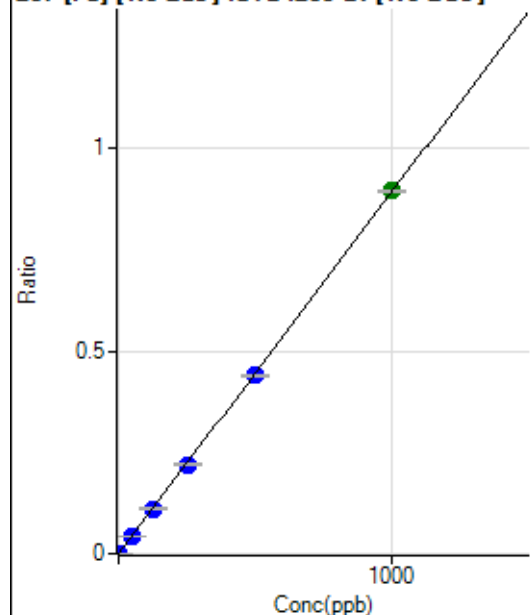
$$DL = 0.02266$$

$$BEC = 0.07768$$

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	974.14	0.0001	P	4.7
2	☐	0.100					
3	☐	1.000	0.852	11951.98	0.0008	P	1.2
4	☐	50.000	48.275	623073.62	0.0431	P	1.2
5	☐	125.000	124.934	1548375.19	0.1115	P	0.5
6	☐	250.000	246.981	2965936.96	0.2204	P	0.8
7	☐	500.000	493.397	5856917.09	0.4403	P	0.5
8	☐	1000.000	1004.151	11520446.20	0.8960	A	0.3
9	☐			10684.22	0.0010	P	1.1

$$y = 8.9218\text{E-}004 * x + 6.6552\text{E-}005$$

$$R = 1.0000$$

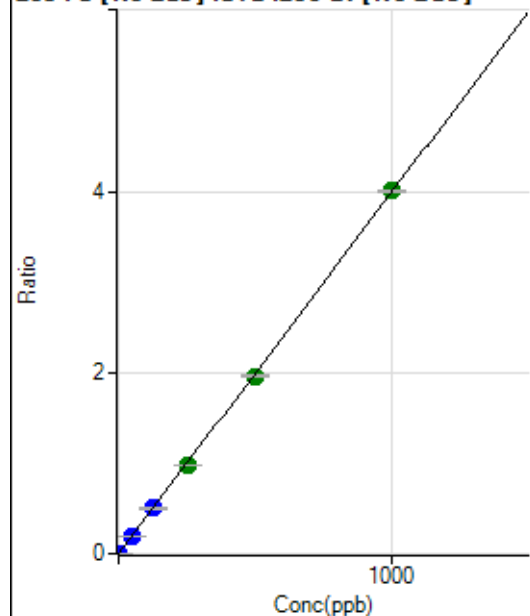
$$DL = 0.01041$$

$$BEC = 0.07459$$

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	4331.88	0.0003	P	4.7
2	☐	0.100					
3	☐	1.000	0.874	54643.17	0.0038	P	1.2
4	☐	50.000	48.608	2803397.03	0.1941	P	0.6
5	☐	125.000	125.112	6928934.14	0.4991	P	0.4
6	☐	250.000	245.858	13193010.10	0.9805	A	0.3
7	☐	500.000	492.545	26126796.07	1.9640	A	0.3
8	☐	1000.000	1004.819	51514536.56	4.0063	A	0.4
9	☐			49766.99	0.0045	P	0.9

$$y = 0.0040 * x + 2.9595\text{E-}004$$

$$R = 0.9999$$

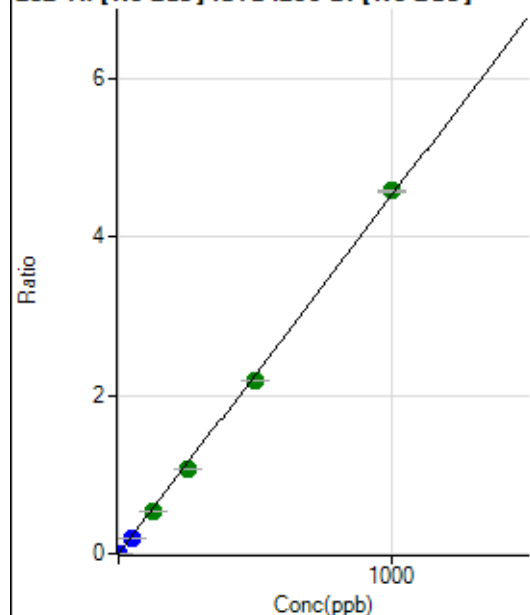
$$DL = 0.01057$$

$$BEC = 0.07423$$

Weight: <None>

Min Conc: 0

232 Th [No Gas] ISTD :209 Bi [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	240.75	0.0000	P	7.4
2	☐	0.100					
3	☐	1.000	0.800	52397.79	0.0036	P	0.6
4	☐	50.000	44.969	2932599.98	0.2030	P	0.3
5	☐	125.000	116.044	7273124.41	0.5239	A	0.6
6	☐	250.000	236.684	14377565.95	1.0685	A	0.1
7	☐	500.000	482.494	28976899.03	2.1782	A	0.7
8	☐	1000.000	1013.453	58830376.32	4.5752	A	0.5
9	☐			8213.96	0.0008	P	6.7

$$y = 0.0045 * x + 1.6450E-005$$

$$R = 0.9997$$

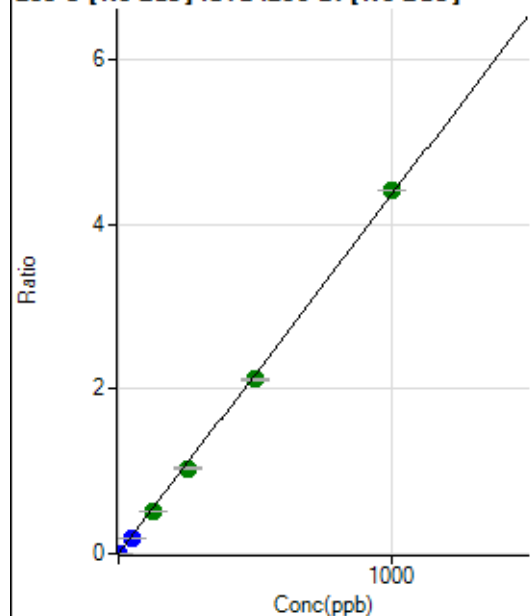
$$DL = 0.0008131$$

$$BEC = 0.003644$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.23	0.0000	P	26.5
2	☐	0.100					
3	☐	1.000	0.812	51137.71	0.0035	P	1.7
4	☐	50.000	44.888	2821655.10	0.1953	P	0.4
5	☐	125.000	116.454	7035645.95	0.5068	A	0.6
6	☐	250.000	237.818	13925361.51	1.0349	A	0.9
7	☐	500.000	486.019	28136286.05	2.1151	A	1.0
8	☐	1000.000	1011.360	56593575.22	4.4012	A	0.1
9	☐			3247.77	0.0003	P	4.3

$$y = 0.0044 * x + 4.9328E-006$$

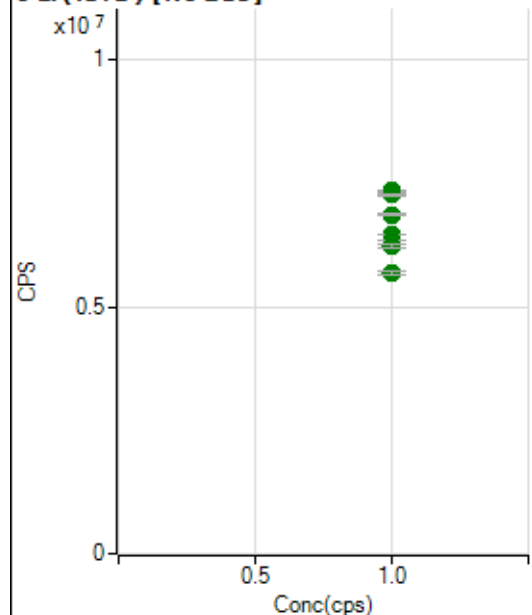
$$R = 0.9998$$

$$DL = 0.0008995$$

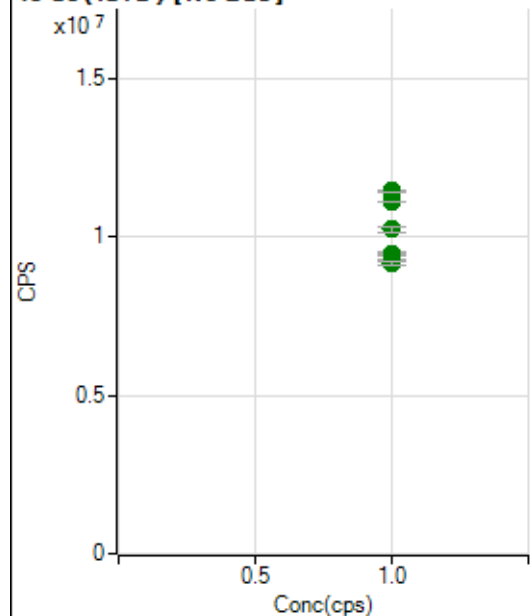
$$BEC = 0.001134$$

Weight: <None>

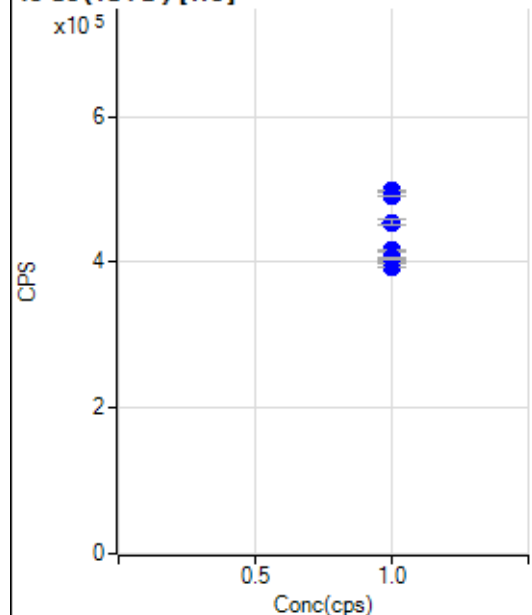
Min Conc: 0

6 Li (ISTD) [No Gas]

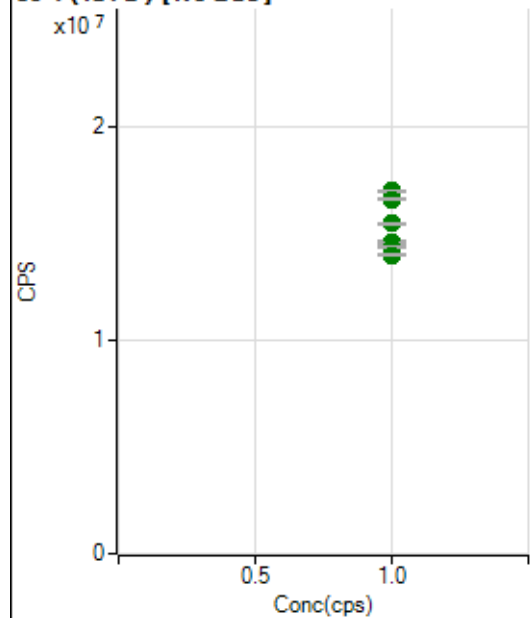
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7323285.38		A	0.7
2	☐	1.000					
3	☐	1.000		7345870.38		A	0.3
4	☐	1.000		7266932.95		A	0.5
5	☐	1.000		6872028.16		A	0.8
6	☐	1.000		6459402.89		A	0.5
7	☐	1.000		6355038.52		A	0.3
8	☐	1.000		6223430.32		A	1.4
9	☐	1.000		5682285.82		A	1.1

45 Sc (ISTD) [No Gas]

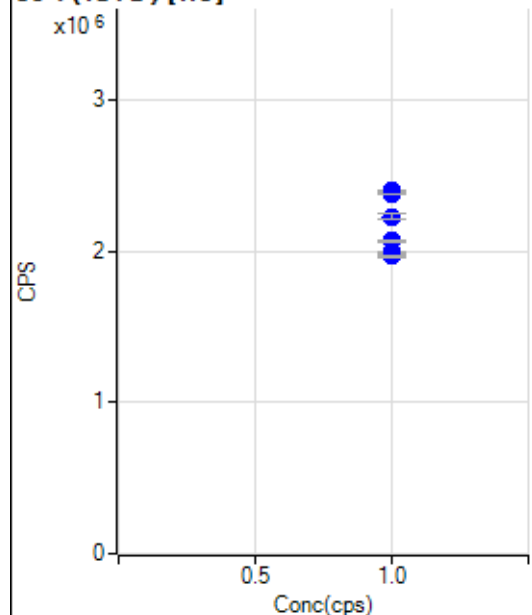
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11462684.20		A	0.7
2	☐	1.000					
3	☐	1.000		11398468.92		A	0.1
4	☐	1.000		11114461.53		A	0.2
5	☐	1.000		10251505.79		A	1.5
6	☐	1.000		9491268.70		A	0.8
7	☐	1.000		9405103.08		A	0.3
8	☐	1.000		9278105.59		A	0.7
9	☐	1.000		9170296.73		A	0.9

45 Sc (ISTD) [He]

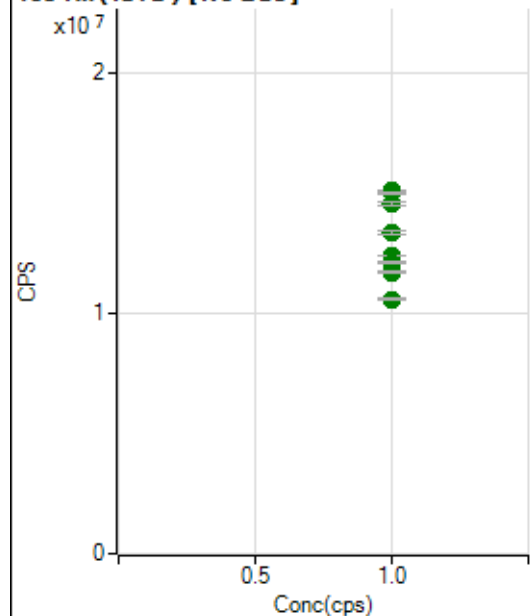
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		497842.49		P	0.4
2	☐	1.000					
3	☐	1.000		490820.50		P	0.5
4	☐	1.000		454201.00		P	1.6
5	☐	1.000		415744.51		P	1.1
6	☐	1.000		398198.34		P	0.3
7	☐	1.000		393035.51		P	0.4
8	☐	1.000		399777.70		P	0.8
9	☐	1.000		406009.19		P	0.5

89 Y (ISTD) [No Gas]

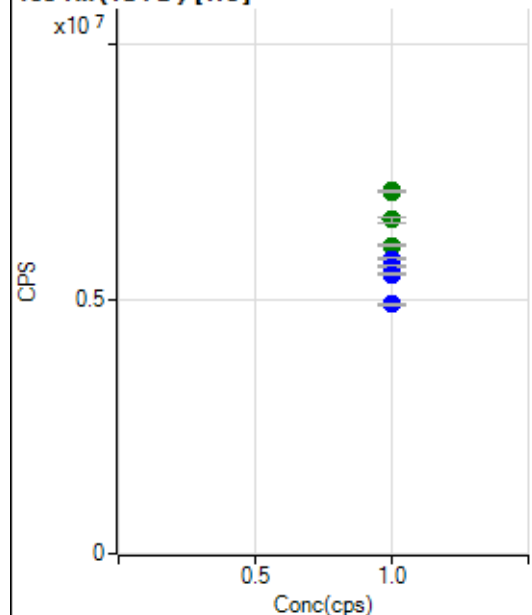
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		16989695.30		A	0.2
2	☐	1.000					
3	☐	1.000		16959415.30		A	0.2
4	☐	1.000		16610008.22		A	0.3
5	☐	1.000		15460450.60		A	0.9
6	☐	1.000		14628422.70		A	0.2
7	☐	1.000		14544720.06		A	0.3
8	☐	1.000		14338794.23		A	0.6
9	☐	1.000		13975228.82		A	0.9

89 Y(ISTD) [He]

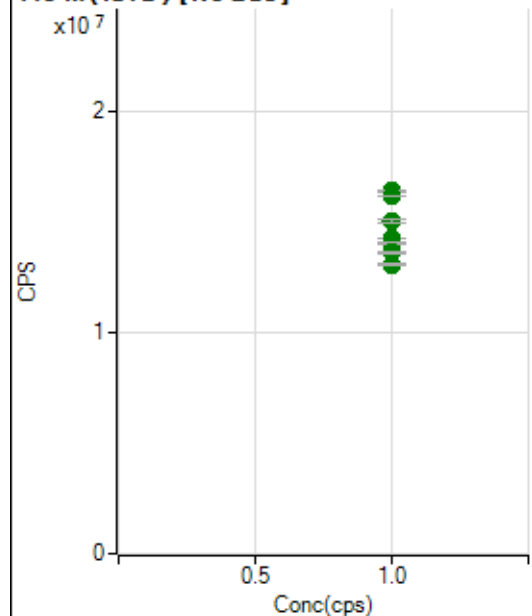
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2398713.61		P	0.4
2	☐	1.000					
3	☐	1.000		2375943.84		P	0.2
4	☐	1.000		2230214.57		P	1.7
5	☐	1.000		2070909.80		P	0.6
6	☐	1.000		1992119.45		P	0.4
7	☐	1.000		1979998.64		P	0.9
8	☐	1.000		1986396.69		P	0.5
9	☐	1.000		1969976.57		P	0.6

103 Rh(ISTD) [No Gas]

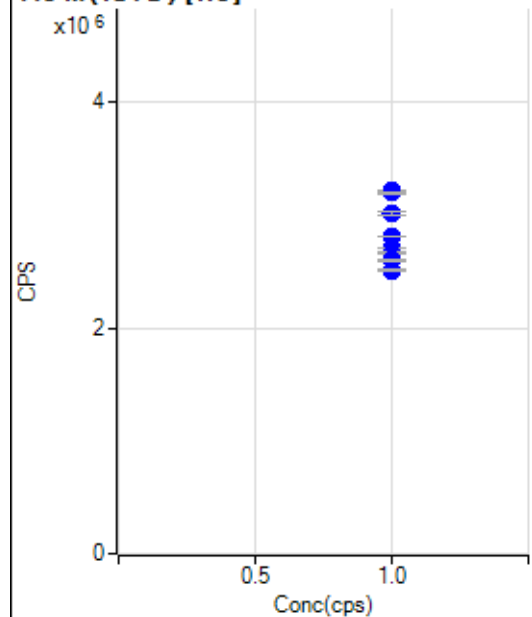
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15103751.03		A	0.1
2	☐	1.000					
3	☐	1.000		15016681.24		A	0.5
4	☐	1.000		14564591.12		A	0.7
5	☐	1.000		13373192.83		A	0.9
6	☐	1.000		12395827.45		A	0.3
7	☐	1.000		12121135.51		A	0.3
8	☐	1.000		11699505.21		A	0.5
9	☐	1.000		10598094.59		A	0.9

103 Rh (ISTD) [He]

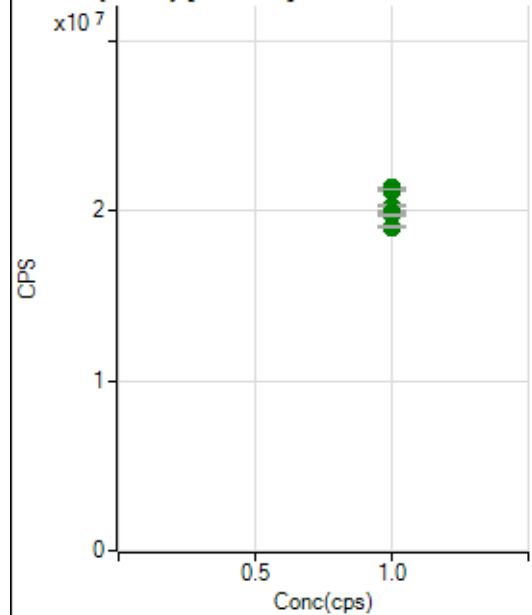
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7127816.42		A	0.3
2	☐	1.000					
3	☐	1.000		7119473.09		A	0.3
4	☐	1.000		6559277.13		A	1.7
5	☐	1.000		6053285.67		A	0.4
6	☐	1.000		5786072.00		P	0.8
7	☐	1.000		5646848.18		P	0.4
8	☐	1.000		5486733.25		P	0.9
9	☐	1.000		4898911.32		P	0.6

115 In (ISTD) [No Gas]

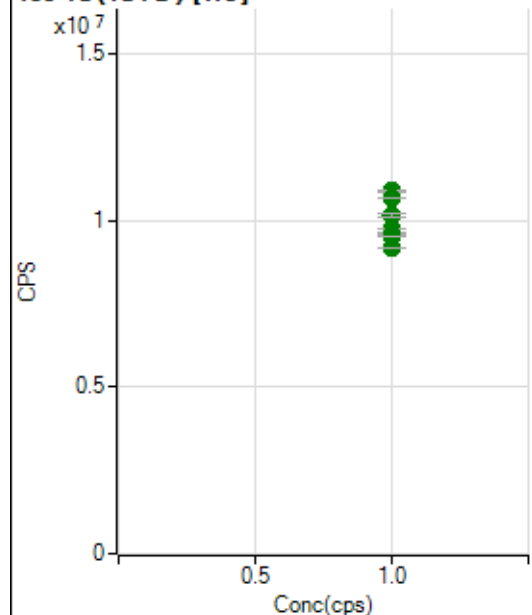
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		16411315.86		A	0.2
2	☐	1.000					
3	☐	1.000		16436444.63		A	0.6
4	☐	1.000		16182549.64		A	0.3
5	☐	1.000		15106244.52		A	1.2
6	☐	1.000		14279658.40		A	0.3
7	☐	1.000		14075990.84		A	0.7
8	☐	1.000		13668647.83		A	0.7
9	☐	1.000		13092694.65		A	0.8

115 In (ISTD) [He]

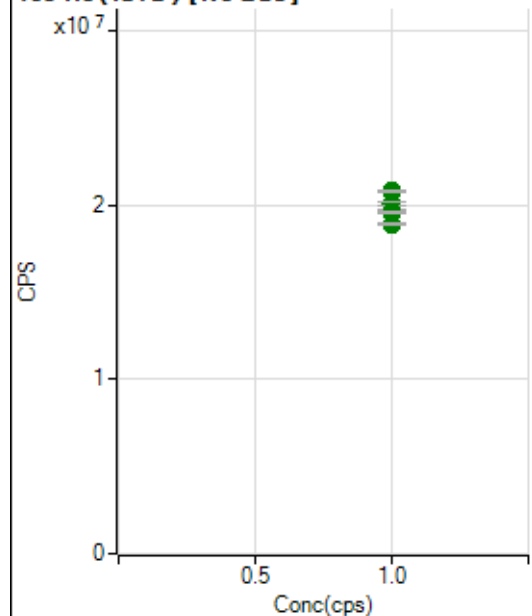
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3215037.71		P	0.1
2	☐	1.000					
3	☐	1.000		3197001.83		P	0.2
4	☐	1.000		3011575.92		P	1.3
5	☐	1.000		2810739.37		P	0.1
6	☐	1.000		2711826.08		P	0.3
7	☐	1.000		2661544.70		P	0.8
8	☐	1.000		2601648.36		P	0.7
9	☐	1.000		2512773.75		P	1.2

159 Tb (ISTD) [No Gas]

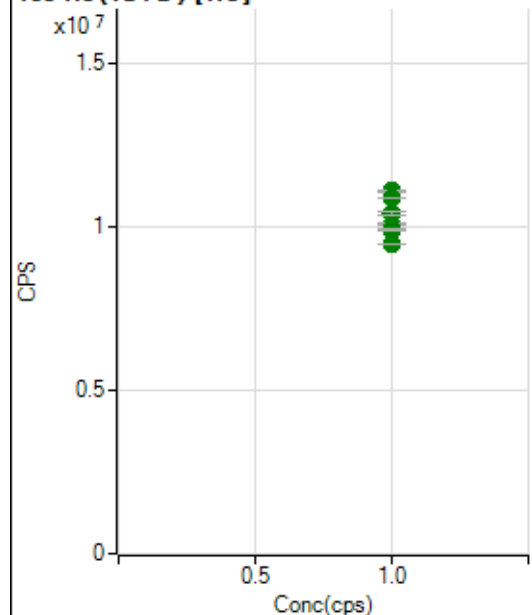
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		21320054.96		A	0.4
2	☐	1.000					
3	☐	1.000		21175136.77		A	0.4
4	☐	1.000		21227526.07		A	0.3
5	☐	1.000		20251327.75		A	0.6
6	☐	1.000		19798663.04		A	0.6
7	☐	1.000		19935167.90		A	0.6
8	☐	1.000		19729268.04		A	0.4
9	☐	1.000		19033425.69		A	0.4

159 Tb (ISTD) [He]

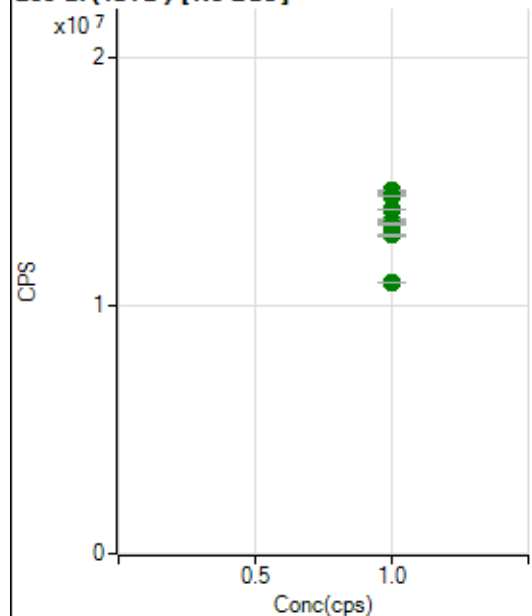
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10898375.95		A	0.5
2	☐	1.000					
3	☐	1.000		10666665.47		A	0.1
4	☐	1.000		10154866.65		A	1.0
5	☐	1.000		9769991.73		A	0.3
6	☐	1.000		9588309.02		A	0.2
7	☐	1.000		9613907.08		A	0.8
8	☐	1.000		9545499.03		A	0.3
9	☐	1.000		9168598.47		A	0.2

165 Ho (ISTD) [No Gas]

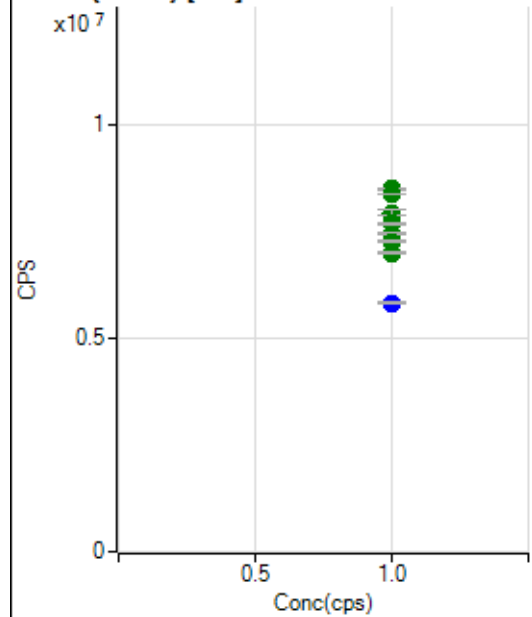
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		20839116.26		A	0.2
2	☐	1.000					
3	☐	1.000		20823942.30		A	0.8
4	☐	1.000		20794277.72		A	0.3
5	☐	1.000		20085563.47		A	0.8
6	☐	1.000		19543161.72		A	0.4
7	☐	1.000		19686694.36		A	0.3
8	☐	1.000		19599059.29		A	0.9
9	☐	1.000		18926096.08		A	0.8

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11102209.42		A	0.4
2	☐	1.000					
3	☐	1.000		10904284.28		A	0.2
4	☐	1.000		10413177.42		A	1.2
5	☐	1.000		10091514.50		A	0.4
6	☐	1.000		9913903.12		A	0.5
7	☐	1.000		9904125.20		A	0.5
8	☐	1.000		9920925.13		A	0.3
9	☐	1.000		9465027.22		A	0.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14635740.89		A	0.3
2	☐	1.000					
3	☐	1.000		14450970.06		A	0.4
4	☐	1.000		14444168.26		A	0.3
5	☐	1.000		13882959.10		A	0.3
6	☐	1.000		13455607.58		A	0.5
7	☐	1.000		13303042.44		A	0.6
8	☐	1.000		12858529.39		A	0.7
9	☐	1.000		10951772.06		A	0.2

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8503436.75		A	0.2
2	☐	1.000					
3	☐	1.000		8377328.77		A	0.3
4	☐	1.000		7948650.44		A	1.4
5	☐	1.000		7690426.90		A	0.7
6	☐	1.000		7452474.68		A	0.7
7	☐	1.000		7271403.57		A	0.2
8	☐	1.000		7007276.49		A	0.2
9	☐	1.000		5826349.15		P	1.0

US EPA Tune Check Sample Report

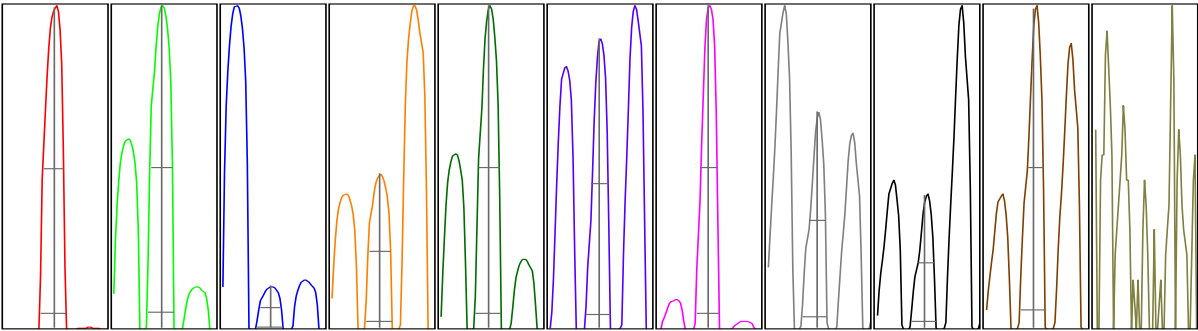
Batch Folder D:\ICP-MS Data\P7121918MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	18997	4.08	5.00	
24	165668	3.51	5.00	
25	21717	3.56	5.00	
26	24965	3.60	5.00	
59	114254	3.69	5.00	
113	14152	3.79	5.00	
115	171936	4.01	5.00	
206	42474	3.87	5.00	
207	38370	3.37	5.00	
208	92694	3.40	5.00	
220	0	67.42		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	19181	18819	17882	20042	19063
24	167011	164240	157415	173613	166062
25	21799	21624	20595	22771	21796
26	25195	24760	23654	26155	25059
59	115117	113145	108279	120023	114707
113	14381	14061	13333	14800	14184
115	176006	171440	161602	180011	170621
206	42713	41723	40354	44841	42737
207	38603	37724	36736	40245	38543
208	92773	91309	88673	97283	93433
220	0	0	0	0	0

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	33314	9.00	8.9 - 9.1		0.773	0.900	
24	271727	23.95	23.9 - 24.1		0.783	0.900	
25	35922	24.95	24.9 - 25.1		0.784	0.900	
26	41194	25.95	25.9 - 26.1		0.782	0.900	
59	204658	58.95	58.9 - 59.1		0.770	0.900	
113	29404	113.00	112.9 - 113.1		0.711	0.900	
115	357082	115.00	114.9 - 115.1		0.683	0.900	
206	89544	206.00	205.9 - 206.1		0.727	0.900	
207	80133	206.95	206.9 - 207.1		0.727	0.900	
208	192739	207.95	207.9 - 208.1		0.730	0.900	
220			-				

X% = 5 Integration Time [sec] = 0.1 Acquisition Time [sec] = 268 Y Axis = Linear

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.80	L/min	S/C Temp		2 °C
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch		Dilution Gas
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rpm	Makeup/Dilution Gas		0.37 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	6.1	V	Deflect	14.0	V
Extract 2	-90.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-50	V	Cell Exit	-50	V			

Cell Parameters

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

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	27383	0.39	
89	34274	0.43	
205	36118	0.34	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	27346	27387	27355	27271	27556
89	34319	34290	34171	34105	34487
205	36266	36215	35967	36038	36101

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	6.7	V	Deflect	1.4	V
Extract 2	-100.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-55	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 15:24:45	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.12	-0.08	0.20	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	0.00	-0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.01	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.07	-0.01	0.09	0.00	N/A	ppb
Boron	11-1	-0.02	0.01	0.01	0.00	N/A	ppb
Cadmium	111-1	-0.03	0.03	0.00	0.00	N/A	ppb
Cadmium	106-1	-0.48	0.47	0.01	0.00	N/A	ppb
Cadmium	108-1	-0.02	-0.01	0.03	0.00	N/A	ppb
Calcium	43-1	-0.19	-0.60	0.79	0.00	N/A	ppb
Calcium	44-1	0.03	0.01	-0.04	0.00	N/A	ppb
Chromium	52-2	0.00	-0.01	0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.00	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.04	-0.03	-0.01	0.00	N/A	ppb
Iron	57-2	0.06	-0.01	-0.05	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.08	0.10	-0.02	0.00	N/A	ppb

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 15:24:45	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.01	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	95-1	-0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	0.01	0.00	N/A	ppb
Phosphorus	31-2	-18.75	-24.53	-26.05	-23.11		ppb
Potassium	39-2	-0.10	-0.76	0.87	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	-0.33	0.16	0.17	0.00	N/A	ppb
Selenium	82-1	-0.17	0.17	0.00	0.00	N/A	ppb
Silicon	28-1	0.15	0.00	-0.15	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.10	-0.27	0.37	0.00	N/A	ppb
Strontium	86-1	0.00	-0.01	0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-72.69	-35.25	-70.49	-59.47		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.00	0.00	0.00	N/A	ppb
Titanium	47-1	-0.01	0.01	0.00	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 15:24:45	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.02	-0.02	0.00	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	N/A	ppb
Zirconium	91-1	-0.01	0.00	0.00	0.00	N/A	ppb

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 15:33:08	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.42	18.79	18.26	18.49	1.47	ppb
Antimony	121-1	2.00	1.99	2.00	2.00	0.34	ppb
Arsenic	75-2	0.94	0.90	1.06	0.97	8.19	ppb
Barium	135-1	9.70	9.86	9.89	9.82	1.06	ppb
Barium	137-1	9.97	9.87	9.84	9.89	0.70	ppb
Beryllium	9-1	1.03	1.03	0.97	1.01	3.55	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	21.73	23.17	23.27	22.73	3.79	ppb
Boron	11-1	22.26	23.18	23.28	22.90	2.45	ppb
Cadmium	111-1	1.10	1.04	1.06	1.07	2.77	ppb
Cadmium	106-1	1.73	1.14	1.44	1.44	20.71	ppb
Cadmium	108-1	1.07	0.98	0.76	0.93	17.15	ppb
Calcium	43-1	448.35	465.84	454.65	456.28	1.94	ppb
Calcium	44-1	452.78	460.14	454.50	455.80	0.84	ppb
Chromium	52-2	1.81	1.87	1.90	1.86	2.36	ppb
Cobalt	59-2	0.99	0.97	0.95	0.97	1.84	ppb
Copper	63-2	1.95	2.03	2.02	2.00	2.04	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				100		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	52.35	53.24	53.32	52.97	1.02	ppb
Iron	57-2	56.55	58.02	57.43	57.33	1.28	ppb
Krypton	83-1						cps
Lead	206-1	0.86	0.90	0.92	0.90	3.02	ppb
Lead	207-1	0.86	0.86	0.84	0.85	1.26	ppb
Lead	208-1	0.86	0.88	0.88	0.87	1.30	ppb
Lithium	6-1				100		%
Magnesium	24-2	483.02	491.62	497.17	490.60	1.45	ppb

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 15:33:08	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.94	0.97	0.96	0.96	1.46	ppb
Molybdenum	94-1	4.58	4.65	4.72	4.65	1.58	ppb
Molybdenum	95-1	4.65	4.77	4.84	4.75	1.99	ppb
Molybdenum	96-1	4.79	4.77	4.84	4.80	0.71	ppb
Molybdenum	97-1	4.89	4.95	4.83	4.89	1.23	ppb
Molybdenum	98-1	4.82	4.73	4.74	4.76	1.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.06	0.94	1.12	1.04	8.63	ppb
Phosphorus	31-2	21.25	22.19	25.91	23.11	10.66	ppb
Potassium	39-2	467.93	462.11	459.74	463.26	0.91	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	77-2	6.19	4.28	4.30	4.92	22.33	ppb
Selenium	78-2	5.49	5.36	5.51	5.45	1.52	ppb
Selenium	82-1	4.61	4.91	5.15	4.89	5.59	ppb
Silicon	28-1	9.93	10.39	10.32	10.21	2.43	ppb
Silver	109-1	1.05	1.08	1.08	1.07	1.56	ppb
Silver	107-1	1.04	1.07	1.10	1.07	2.94	ppb
Sodium	23-2	448.81	452.86	454.76	452.14	0.67	ppb
Strontium	86-1	0.86	0.83	0.95	0.88	6.92	ppb
Strontium	88-1	0.92	0.92	0.88	0.91	2.44	ppb
Sulfur	34-1	93.69	63.40	21.33	59.47	61.10	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.85	0.87	0.88	0.87	1.59	ppb
Thallium	205-1	0.88	0.89	0.88	0.88	0.60	ppb
Thorium	232-1	0.80	0.79	0.80	0.80	0.56	ppb
Tin	118-1	5.11	5.09	5.16	5.12	0.73	ppb
Titanium	47-1	5.01	4.62	4.86	4.83	4.11	ppb
Uranium	238-1	0.81	0.80	0.83	0.81	1.67	ppb
Vanadium	51-2	4.86	4.91	4.93	4.90	0.79	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 15:33:08	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.94	2.05	2.00	2.00	2.89	ppb
Zirconium	90-1	0.92	0.95	0.93	0.93	1.25	ppb
Zirconium	91-1	0.89	0.88	0.94	0.90	3.51	ppb

LB Number : LB99940 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-19 15:37:02 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1040.54	999.45	979.86	1006.62	3.08	ppb
Antimony	121-1	53.01	52.92	52.71	52.88	0.28	ppb
Arsenic	75-2	53.87	52.67	51.90	52.81	1.89	ppb
Barium	135-1	258.69	260.74	255.24	258.22	1.08	ppb
Barium	137-1	262.22	262.75	255.70	260.22	1.51	ppb
Beryllium	9-1	54.14	53.93	53.38	53.82	0.73	ppb
Bismuth	209-1				99		%
Bismuth	209-2				93		%
Boron	10-1	49.25	51.36	51.92	50.84	2.78	ppb
Boron	11-1	49.80	51.10	50.58	50.49	1.30	ppb
Cadmium	111-1	54.67	54.88	54.00	54.52	0.84	ppb
Cadmium	106-1	54.33	54.91	55.37	54.87	0.96	ppb
Cadmium	108-1	55.95	53.28	55.11	54.78	2.49	ppb
Calcium	43-1	4997.89	4905.46	4873.03	4925.46	1.32	ppb
Calcium	44-1	4941.75	4958.03	4961.34	4953.71	0.21	ppb
Chromium	52-2	53.15	50.72	50.68	51.52	2.74	ppb
Cobalt	59-2	54.68	52.51	52.12	53.10	2.60	ppb
Copper	63-2	111.18	106.74	106.20	108.04	2.53	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				100		%
Holmium	165-2				94		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	56-2	2813.17	2697.91	2671.62	2727.57	2.76	ppb
Iron	57-2	2844.36	2730.34	2709.08	2761.26	2.63	ppb
Krypton	83-1						cps
Lead	206-1	48.52	48.70	48.67	48.63	0.20	ppb
Lead	207-1	48.11	48.91	47.81	48.27	1.18	ppb
Lead	208-1	48.38	48.92	48.53	48.61	0.57	ppb
Lithium	6-1				99		%
Magnesium	24-2	5607.28	5410.34	5440.85	5486.16	1.93	ppb

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 15:37:02	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	105.55	99.93	100.20	101.89	3.11	ppb
Molybdenum	94-1	250.41	250.40	247.87	249.56	0.59	ppb
Molybdenum	95-1	248.94	250.09	247.77	248.93	0.47	ppb
Molybdenum	96-1	248.92	248.22	248.01	248.38	0.19	ppb
Molybdenum	97-1	248.14	247.55	247.42	247.70	0.16	ppb
Molybdenum	98-1	249.02	249.43	248.77	249.07	0.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	55.92	53.52	53.39	54.28	2.62	ppb
Phosphorus	31-2	1035.00	1019.67	972.33	1009.00	3.24	ppb
Potassium	39-2	2602.38	2519.71	2491.26	2537.78	2.27	ppb
Rhodium	103-1				96		%
Rhodium	103-2				92		%
Scandium	45-1				97		%
Scandium	45-2				91		%
Selenium	77-2	57.65	52.75	46.56	52.32	10.62	ppb
Selenium	78-2	56.65	54.44	51.05	54.04	5.22	ppb
Selenium	82-1	53.72	53.92	53.11	53.58	0.79	ppb
Silicon	28-1	62.22	61.84	62.20	62.09	0.34	ppb
Silver	109-1	56.71	56.69	56.37	56.59	0.34	ppb
Silver	107-1	56.55	56.38	56.31	56.41	0.22	ppb
Sodium	23-2	5099.77	4949.15	4933.41	4994.11	1.84	ppb
Strontium	86-1	49.20	49.99	49.29	49.49	0.88	ppb
Strontium	88-1	49.77	49.91	49.40	49.70	0.54	ppb
Sulfur	34-1	1031.13	996.52	978.27	1001.97	2.68	ppb
Terbium	159-1				100		%
Terbium	159-2				93		%
Thallium	203-1	47.58	47.89	47.67	47.71	0.34	ppb
Thallium	205-1	47.55	48.13	48.26	47.98	0.80	ppb
Thorium	232-1	44.86	45.12	44.93	44.97	0.31	ppb
Tin	118-1	53.54	52.90	52.93	53.12	0.68	ppb
Titanium	47-1	250.49	248.39	249.08	249.32	0.43	ppb
Uranium	238-1	44.69	45.08	44.90	44.89	0.43	ppb
Vanadium	51-2	51.75	49.77	49.58	50.37	2.39	ppb
Yttrium	89-1				98		%
Yttrium	89-2				93		%

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 15:37:02	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	111.50	106.80	108.38	108.89	2.20	ppb
Zirconium	90-1	49.84	49.50	49.59	49.64	0.36	ppb
Zirconium	91-1	49.55	49.40	49.25	49.40	0.30	ppb

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 15:41:10	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2480.89	2504.66	2476.04	2487.20	0.62	ppb
Antimony	121-1	133.62	133.74	134.86	134.07	0.51	ppb
Arsenic	75-2	130.50	131.07	129.49	130.35	0.61	ppb
Barium	135-1	654.09	653.59	652.86	653.51	0.09	ppb
Barium	137-1	655.10	659.85	659.94	658.29	0.42	ppb
Beryllium	9-1	133.92	132.13	132.68	132.91	0.69	ppb
Bismuth	209-1				95		%
Bismuth	209-2				90		%
Boron	10-1	122.52	128.43	131.02	127.32	3.42	ppb
Boron	11-1	123.29	125.48	129.15	125.97	2.35	ppb
Cadmium	111-1	137.18	134.85	135.15	135.73	0.93	ppb
Cadmium	106-1	135.35	134.78	134.84	134.99	0.23	ppb
Cadmium	108-1	133.59	135.80	137.56	135.65	1.46	ppb
Calcium	43-1	12383.08	12554.04	12652.47	12529.86	1.09	ppb
Calcium	44-1	12517.95	12523.55	12597.25	12546.25	0.35	ppb
Chromium	52-2	127.26	128.79	127.88	127.98	0.60	ppb
Cobalt	59-2	131.03	134.02	131.46	132.17	1.22	ppb
Copper	63-2	265.50	270.18	266.19	267.29	0.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				91		%
Indium	115-1				92		%
Indium	115-2				87		%
Iron	56-2	6862.84	6933.19	6822.06	6872.70	0.82	ppb
Iron	57-2	6900.02	6992.35	6906.99	6933.12	0.74	ppb
Krypton	83-1						cps
Lead	206-1	124.12	125.36	125.81	125.10	0.70	ppb
Lead	207-1	124.31	124.82	125.67	124.93	0.55	ppb
Lead	208-1	124.56	125.31	125.47	125.11	0.39	ppb
Lithium	6-1				94		%
Magnesium	24-2	13583.85	13773.24	13576.58	13644.55	0.82	ppb

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 15:41:10	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	255.99	257.74	254.06	255.93	0.72	ppb
Molybdenum	94-1	634.62	640.14	634.80	636.52	0.49	ppb
Molybdenum	95-1	637.22	635.56	635.30	636.03	0.16	ppb
Molybdenum	96-1	633.98	637.69	639.20	636.96	0.42	ppb
Molybdenum	97-1	634.72	636.38	633.83	634.97	0.20	ppb
Molybdenum	98-1	625.70	622.61	623.43	623.91	0.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	132.58	134.45	134.42	133.82	0.80	ppb
Phosphorus	31-2	2485.77	2479.75	2539.66	2501.73	1.32	ppb
Potassium	39-2	6252.29	6330.64	6241.65	6274.86	0.77	ppb
Rhodium	103-1				89		%
Rhodium	103-2				85		%
Scandium	45-1				89		%
Scandium	45-2				84		%
Selenium	77-2	126.30	126.32	132.91	128.51	2.96	ppb
Selenium	78-2	134.47	130.41	132.11	132.33	1.54	ppb
Selenium	82-1	134.13	135.14	134.15	134.47	0.43	ppb
Silicon	28-1	143.34	144.22	145.79	144.45	0.86	ppb
Silver	109-1	140.59	139.13	139.96	139.89	0.52	ppb
Silver	107-1	138.49	138.11	139.05	138.55	0.34	ppb
Sodium	23-2	12495.88	12581.63	12510.62	12529.38	0.37	ppb
Strontium	86-1	125.78	126.06	125.92	125.92	0.11	ppb
Strontium	88-1	127.18	126.33	126.05	126.52	0.47	ppb
Sulfur	34-1	2439.64	2360.34	2427.01	2408.99	1.77	ppb
Terbium	159-1				95		%
Terbium	159-2				90		%
Thallium	203-1	122.24	122.93	122.92	122.70	0.33	ppb
Thallium	205-1	123.83	124.10	124.86	124.26	0.43	ppb
Thorium	232-1	116.56	115.19	116.39	116.04	0.64	ppb
Tin	118-1	134.24	133.54	133.66	133.81	0.28	ppb
Titanium	47-1	631.05	628.55	635.03	631.54	0.52	ppb
Uranium	238-1	116.99	115.66	116.71	116.45	0.61	ppb
Vanadium	51-2	124.79	126.82	125.66	125.76	0.81	ppb
Yttrium	89-1				91		%
Yttrium	89-2				86		%

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 15:41:10	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	268.01	272.39	267.89	269.43	0.95	ppb
Zirconium	90-1	126.46	126.83	126.57	126.62	0.15	ppb
Zirconium	91-1	125.40	126.49	125.99	125.96	0.43	ppb

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 15:44:57	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4952.83	4934.56	4984.17	4957.19	0.51	ppb
Antimony	121-1	256.28	258.25	256.98	257.17	0.39	ppb
Arsenic	75-2	256.79	254.43	257.65	256.29	0.65	ppb
Barium	135-1	1264.06	1264.09	1259.69	1262.62	0.20	ppb
Barium	137-1	1259.33	1253.71	1253.09	1255.38	0.27	ppb
Beryllium	9-1	258.77	257.91	258.42	258.37	0.17	ppb
Bismuth	209-1				92		%
Bismuth	209-2				88		%
Boron	10-1	243.56	249.27	252.12	248.31	1.76	ppb
Boron	11-1	242.64	247.52	253.00	247.72	2.09	ppb
Cadmium	111-1	255.84	257.52	256.94	256.77	0.33	ppb
Cadmium	106-1	253.34	254.84	247.59	251.92	1.52	ppb
Cadmium	108-1	256.10	256.46	252.19	254.92	0.93	ppb
Calcium	43-1	24764.44	25285.75	24844.37	24964.85	1.12	ppb
Calcium	44-1	24806.58	24951.39	24806.80	24854.92	0.34	ppb
Chromium	52-2	252.46	252.65	251.58	252.23	0.23	ppb
Cobalt	59-2	258.16	258.58	259.39	258.71	0.24	ppb
Copper	63-2	516.85	521.87	521.84	520.18	0.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				89		%
Indium	115-1				87		%
Indium	115-2				84		%
Iron	56-2	13504.79	13532.00	13534.96	13523.92	0.12	ppb
Iron	57-2	13639.66	13642.91	13694.09	13658.89	0.22	ppb
Krypton	83-1						cps
Lead	206-1	244.91	246.72	247.80	246.48	0.59	ppb
Lead	207-1	244.98	247.22	248.74	246.98	0.77	ppb
Lead	208-1	245.96	245.17	246.45	245.86	0.26	ppb
Lithium	6-1				88		%
Magnesium	24-2	26976.24	27000.67	27084.93	27020.61	0.21	ppb

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 15:44:57	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	500.92	502.97	503.74	502.55	0.29	ppb
Molybdenum	94-1	1234.89	1234.09	1227.23	1232.07	0.34	ppb
Molybdenum	95-1	1238.54	1242.79	1220.21	1233.85	0.97	ppb
Molybdenum	96-1	1236.70	1240.75	1228.92	1235.45	0.49	ppb
Molybdenum	97-1	1237.88	1243.99	1249.99	1243.95	0.49	ppb
Molybdenum	98-1	1239.88	1232.71	1235.61	1236.07	0.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	259.24	260.79	260.29	260.11	0.30	ppb
Phosphorus	31-2	5002.96	5001.84	5039.50	5014.76	0.43	ppb
Potassium	39-2	12409.64	12413.14	12479.50	12434.10	0.32	ppb
Rhodium	103-1				82		%
Rhodium	103-2				81		%
Scandium	45-1				83		%
Scandium	45-2				80		%
Selenium	77-2	268.80	250.10	258.83	259.24	3.61	ppb
Selenium	78-2	263.01	254.74	263.47	260.41	1.89	ppb
Selenium	82-1	259.54	265.51	262.71	262.59	1.14	ppb
Silicon	28-1	281.73	288.76	282.42	284.30	1.36	ppb
Silver	109-1	262.25	262.10	260.42	261.59	0.39	ppb
Silver	107-1	260.56	262.60	260.45	261.20	0.46	ppb
Sodium	23-2	24772.25	24845.76	25031.28	24883.10	0.54	ppb
Strontium	86-1	246.94	250.57	247.79	248.43	0.76	ppb
Strontium	88-1	247.78	248.88	247.93	248.20	0.24	ppb
Sulfur	34-1	4805.36	4907.48	4695.36	4802.73	2.21	ppb
Terbium	159-1				93		%
Terbium	159-2				88		%
Thallium	203-1	243.41	247.10	246.98	245.83	0.85	ppb
Thallium	205-1	243.54	243.54	243.65	243.58	0.03	ppb
Thorium	232-1	237.06	236.40	236.59	236.68	0.14	ppb
Tin	118-1	257.09	258.45	255.79	257.11	0.52	ppb
Titanium	47-1	1252.75	1249.40	1238.46	1246.87	0.60	ppb
Uranium	238-1	240.23	236.63	236.59	237.82	0.88	ppb
Vanadium	51-2	246.97	250.40	250.42	249.27	0.80	ppb
Yttrium	89-1				86		%
Yttrium	89-2				83		%

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 15:44:57	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	526.66	532.55	526.39	528.53	0.66	ppb
Zirconium	90-1	248.41	248.21	248.71	248.44	0.10	ppb
Zirconium	91-1	247.24	248.27	250.27	248.60	0.62	ppb

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 15:48:42	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9921.89	9917.70	9817.52	9885.71	0.60	ppb
Antimony	121-1	497.65	497.43	498.37	497.82	0.10	ppb
Arsenic	75-2	510.02	503.73	501.96	505.24	0.84	ppb
Barium	135-1	2469.68	2466.01	2479.11	2471.60	0.27	ppb
Barium	137-1	2474.10	2470.89	2469.75	2471.58	0.09	ppb
Beryllium	9-1	498.22	502.47	505.34	502.01	0.71	ppb
Bismuth	209-1				91		%
Bismuth	209-2				86		%
Boron	10-1	486.11	491.33	505.49	494.31	2.03	ppb
Boron	11-1	482.41	492.90	504.69	493.33	2.26	ppb
Cadmium	111-1	495.67	498.03	503.28	498.99	0.78	ppb
Cadmium	106-1	495.96	494.65	499.06	496.56	0.46	ppb
Cadmium	108-1	495.41	494.93	504.51	498.28	1.08	ppb
Calcium	43-1	49189.40	49293.69	49803.02	49428.70	0.66	ppb
Calcium	44-1	49610.66	49132.75	49769.70	49504.37	0.67	ppb
Chromium	52-2	505.17	504.07	503.41	504.22	0.18	ppb
Cobalt	59-2	515.01	513.58	511.42	513.34	0.35	ppb
Copper	63-2	1015.52	1021.70	1014.58	1017.27	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				94		%
Holmium	165-2				89		%
Indium	115-1				86		%
Indium	115-2				83		%
Iron	56-2	27235.31	26926.57	26903.88	27021.92	0.69	ppb
Iron	57-2	27236.96	27205.62	27233.69	27225.42	0.06	ppb
Krypton	83-1						cps
Lead	206-1	490.19	493.07	495.85	493.04	0.57	ppb
Lead	207-1	491.73	492.44	496.02	493.40	0.47	ppb
Lead	208-1	492.28	491.07	494.29	492.55	0.33	ppb
Lithium	6-1				87		%
Magnesium	24-2	54171.90	54018.15	53618.08	53936.05	0.53	ppb

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 15:48:42	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1010.95	1004.92	1011.05	1008.97	0.35	ppb
Molybdenum	94-1	2476.43	2458.67	2463.22	2466.11	0.37	ppb
Molybdenum	95-1	2467.38	2452.32	2457.92	2459.20	0.31	ppb
Molybdenum	96-1	2468.41	2458.16	2472.01	2466.19	0.29	ppb
Molybdenum	97-1	2467.04	2457.92	2466.34	2463.77	0.21	ppb
Molybdenum	98-1	2472.50	2454.51	2476.41	2467.81	0.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	514.33	509.71	506.91	510.32	0.73	ppb
Phosphorus	31-2	9968.02	10054.97	10246.46	10089.81	1.41	ppb
Potassium	39-2	24836.38	24659.78	24690.11	24728.76	0.38	ppb
Rhodium	103-1				80		%
Rhodium	103-2				79		%
Scandium	45-1				82		%
Scandium	45-2				79		%
Selenium	77-2	497.37	510.03	517.17	508.19	1.97	ppb
Selenium	78-2	511.17	509.69	510.44	510.43	0.14	ppb
Selenium	82-1	506.96	509.90	511.29	509.38	0.43	ppb
Silicon	28-1	516.47	518.71	523.15	519.45	0.65	ppb
Silver	109-1	502.90	500.69	503.21	502.27	0.27	ppb
Silver	107-1	507.02	498.04	499.19	501.42	0.97	ppb
Sodium	23-2	49951.31	49858.58	49838.02	49882.64	0.12	ppb
Strontium	86-1	489.03	492.95	496.11	492.70	0.72	ppb
Strontium	88-1	493.02	490.99	492.05	492.02	0.21	ppb
Sulfur	34-1	9741.13	9821.14	9983.99	9848.75	1.26	ppb
Terbium	159-1				94		%
Terbium	159-2				88		%
Thallium	203-1	488.56	486.78	489.09	488.14	0.25	ppb
Thallium	205-1	488.29	488.57	488.33	488.40	0.03	ppb
Thorium	232-1	481.27	479.88	486.34	482.49	0.70	ppb
Tin	118-1	493.82	496.06	500.63	496.83	0.70	ppb
Titanium	47-1	2465.16	2469.12	2457.72	2464.00	0.23	ppb
Uranium	238-1	485.69	481.20	491.17	486.02	1.03	ppb
Vanadium	51-2	500.08	500.12	499.19	499.80	0.11	ppb
Yttrium	89-1				86		%
Yttrium	89-2				83		%

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 15:48:42	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1026.14	1030.58	1030.90	1029.21	0.26	ppb
Zirconium	90-1	493.31	495.94	494.94	494.73	0.27	ppb
Zirconium	91-1	495.04	496.52	495.29	495.61	0.16	ppb

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 15:52:25	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19785.64	19772.99	19826.89	19795.17	0.14	ppb
Antimony	121-1	993.06	1002.14	998.87	998.02	0.46	ppb
Arsenic	75-2	994.40	989.23	1001.37	995.00	0.61	ppb
Barium	135-1	4981.74	5017.06	5022.41	5007.07	0.44	ppb
Barium	137-1	4974.41	5018.57	5031.60	5008.19	0.60	ppb
Beryllium	9-1	1002.62	988.32	996.23	995.72	0.72	ppb
Bismuth	209-1				88		%
Bismuth	209-2				82		%
Boron	10-1	987.41	994.45	1027.10	1002.99	2.11	ppb
Boron	11-1	991.49	997.65	1022.29	1003.81	1.62	ppb
Cadmium	111-1	987.77	993.04	1010.93	997.25	1.22	ppb
Cadmium	106-1	990.19	999.99	1009.06	999.75	0.94	ppb
Cadmium	108-1	991.12	994.04	1009.02	998.06	0.96	ppb
Calcium	43-1	99389.85	98761.97	99707.47	99286.43	0.48	ppb
Calcium	44-1	99689.92	99550.18	100166.95	99802.35	0.32	ppb
Chromium	52-2	999.51	999.28	991.87	996.89	0.44	ppb
Cobalt	59-2	993.50	993.83	982.98	990.10	0.62	ppb
Copper	63-2	2001.73	1983.07	1966.47	1983.76	0.89	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				94		%
Holmium	165-2				89		%
Indium	115-1				83		%
Indium	115-2				81		%
Iron	56-2	53452.20	53325.68	52753.53	53177.14	0.70	ppb
Iron	57-2	53771.41	53730.32	53282.68	53594.80	0.51	ppb
Krypton	83-1						cps
Lead	206-1	1008.96	1001.44	1002.86	1004.42	0.40	ppb
Lead	207-1	1007.99	1003.11	1001.35	1004.15	0.34	ppb
Lead	208-1	1009.21	1000.67	1004.58	1004.82	0.43	ppb
Lithium	6-1				85		%
Magnesium	24-2	106695.56	106546.85	105623.39	106288.60	0.55	ppb

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 15:52:25	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1997.36	1999.86	1984.90	1994.04	0.40	ppb
Molybdenum	94-1	5005.30	5027.87	5026.87	5020.01	0.25	ppb
Molybdenum	95-1	5014.29	5056.91	4998.14	5023.11	0.60	ppb
Molybdenum	96-1	5001.09	5026.95	5029.34	5019.13	0.31	ppb
Molybdenum	97-1	5020.31	5007.36	5027.83	5018.50	0.21	ppb
Molybdenum	98-1	5034.38	5016.40	5008.51	5019.76	0.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	991.98	993.24	987.78	991.00	0.29	ppb
Phosphorus	31-2	19977.58	19980.26	19894.37	19950.74	0.24	ppb
Potassium	39-2	49261.15	49025.48	48857.92	49048.18	0.41	ppb
Rhodium	103-1				77		%
Rhodium	103-2				77		%
Scandium	45-1				81		%
Scandium	45-2				80		%
Selenium	77-2	978.96	978.46	1021.70	993.04	2.50	ppb
Selenium	78-2	985.58	994.37	993.24	991.06	0.48	ppb
Selenium	82-1	984.43	994.86	993.11	990.80	0.56	ppb
Silicon	28-1	980.71	970.38	984.91	978.66	0.76	ppb
Silver	109-1	993.42	990.13	997.78	993.78	0.39	ppb
Silver	107-1	984.69	1000.09	998.65	994.48	0.86	ppb
Sodium	23-2	99701.36	99426.36	99182.13	99436.62	0.26	ppb
Strontium	86-1	994.05	1006.42	1011.40	1003.96	0.89	ppb
Strontium	88-1	1006.02	1006.51	1000.27	1004.27	0.35	ppb
Sulfur	34-1	20284.65	19908.29	20215.71	20136.22	1.00	ppb
Terbium	159-1				93		%
Terbium	159-2				88		%
Thallium	203-1	1004.44	1010.11	1007.57	1007.37	0.28	ppb
Thallium	205-1	1008.71	1008.51	1005.58	1007.60	0.17	ppb
Thorium	232-1	1016.44	1007.92	1016.01	1013.45	0.47	ppb
Tin	118-1	994.89	995.91	1004.85	998.55	0.55	ppb
Titanium	47-1	5025.50	4998.03	5030.47	5018.00	0.35	ppb
Uranium	238-1	1011.07	1010.09	1012.92	1011.36	0.14	ppb
Vanadium	51-2	1004.66	1000.28	995.59	1000.17	0.45	ppb
Yttrium	89-1				84		%
Yttrium	89-2				83		%

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 15:52:25	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1979.36	1980.91	1965.91	1975.39	0.42	ppb
Zirconium	90-1	1000.78	1005.66	1002.08	1002.84	0.25	ppb
Zirconium	91-1	995.26	1006.15	1005.95	1002.45	0.62	ppb

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 15:56:11	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99641.34	100261.14	100261.89	100054.79	0.36	ppb
Antimony	121-1	1.05	1.06	1.07	1.06	0.68	ppb
Arsenic	75-2	1.20	1.30	1.39	1.30	7.35	ppb
Barium	135-1	0.67	0.63	0.74	0.68	8.35	ppb
Barium	137-1	0.72	0.74	0.66	0.71	5.86	ppb
Beryllium	9-1	0.12	0.10	0.10	0.11	10.20	ppb
Bismuth	209-1				75		%
Bismuth	209-2				69		%
Boron	10-1	40.55	38.40	33.43	37.46	9.75	ppb
Boron	11-1	41.64	37.34	33.81	37.60	10.42	ppb
Cadmium	111-1	0.05	0.06	0.14	0.08	56.81	ppb
Cadmium	106-1	-0.84	-0.35	0.56	-0.21		ppb
Cadmium	108-1	0.17	0.17	0.13	0.16	11.98	ppb
Calcium	43-1	501470.33	501302.59	497832.01	500201.64	0.41	ppb
Calcium	44-1	501248.09	499576.80	499462.20	500095.70	0.20	ppb
Chromium	52-2	14.47	14.47	14.22	14.39	0.98	ppb
Cobalt	59-2	11.26	11.59	11.59	11.48	1.63	ppb
Copper	63-2	2.39	2.47	2.47	2.44	1.86	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				91		%
Holmium	165-2				85		%
Indium	115-1				80		%
Indium	115-2				78		%
Iron	56-2	247823.96	250295.26	249160.81	249093.34	0.50	ppb
Iron	57-2	247969.03	249589.98	249383.57	248980.86	0.35	ppb
Krypton	83-1						cps
Lead	206-1	1.12	1.16	1.08	1.12	3.63	ppb
Lead	207-1	1.02	1.01	1.03	1.02	1.13	ppb
Lead	208-1	1.08	1.06	1.06	1.07	0.94	ppb
Lithium	6-1				78		%
Magnesium	24-2	494173.42	500743.83	499725.29	498214.18	0.71	ppb

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 15:56:11	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	10.82	10.92	10.74	10.83	0.84	ppb
Molybdenum	94-1	3.67	3.45	3.47	3.53	3.46	ppb
Molybdenum	95-1	4.65	4.37	4.19	4.41	5.29	ppb
Molybdenum	96-1	6.02	5.66	5.73	5.80	3.32	ppb
Molybdenum	97-1	4.33	4.11	3.92	4.12	4.90	ppb
Molybdenum	98-1	4.16	3.95	3.91	4.00	3.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	17.28	17.20	17.59	17.36	1.18	ppb
Phosphorus	31-2	-4.30	-12.21	-12.47	-9.66		ppb
Potassium	39-2	250086.94	248431.10	252141.54	250219.86	0.74	ppb
Rhodium	103-1				70		%
Rhodium	103-2				69		%
Scandium	45-1				80		%
Scandium	45-2				82		%
Selenium	77-2	0.58	0.86	0.57	0.67	25.05	ppb
Selenium	78-2	0.11	0.01	0.14	0.09	75.12	ppb
Selenium	82-1	0.64	0.63	0.90	0.72	20.71	ppb
Silicon	28-1	15.14	14.42	14.14	14.57	3.53	ppb
Silver	109-1	0.06	0.05	0.05	0.05	8.85	ppb
Silver	107-1	0.07	0.05	0.05	0.06	16.64	ppb
Sodium	23-2	496090.73	502054.24	502243.92	500129.63	0.70	ppb
Strontium	86-1	4.38	4.35	4.33	4.35	0.56	ppb
Strontium	88-1	4.39	4.26	4.36	4.34	1.51	ppb
Sulfur	34-1	-27.98	-4.09	-18.07	-16.71		ppb
Terbium	159-1				89		%
Terbium	159-2				84		%
Thallium	203-1	0.19	0.16	0.17	0.17	9.33	ppb
Thallium	205-1	0.18	0.19	0.17	0.18	6.28	ppb
Thorium	232-1	0.17	0.16	0.15	0.16	6.85	ppb
Tin	118-1	0.80	0.79	0.76	0.78	2.98	ppb
Titanium	47-1	2.02	2.24	2.19	2.15	5.55	ppb
Uranium	238-1	0.07	0.06	0.07	0.07	4.39	ppb
Vanadium	51-2	0.15	0.17	0.15	0.16	4.59	ppb
Yttrium	89-1				82		%
Yttrium	89-2				82		%

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 15:56:11	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	13.47	13.81	13.78	13.69	1.39	ppb
Zirconium	90-1	0.41	0.40	0.38	0.40	3.82	ppb
Zirconium	91-1	0.39	0.38	0.38	0.38	1.49	ppb

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 16:07:38	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	523.52	517.09	520.86	520.49	0.62	ppb
Antimony	121-1	206.52	206.54	208.51	207.19	0.55	ppb
Arsenic	75-2	204.29	203.08	201.78	203.05	0.62	ppb
Barium	135-1	101.61	101.88	103.06	102.18	0.75	ppb
Barium	137-1	102.73	102.71	102.44	102.63	0.16	ppb
Beryllium	9-1	104.57	104.07	103.71	104.12	0.41	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	6.08	6.29	5.53	5.96	6.59	ppb
Boron	11-1	6.06	5.99	5.71	5.92	3.15	ppb
Cadmium	111-1	105.97	106.62	106.34	106.31	0.31	ppb
Cadmium	106-1	85.55	86.63	88.01	86.73	1.42	ppb
Cadmium	108-1	94.72	94.92	95.19	94.95	0.25	ppb
Calcium	43-1	1934.22	1947.16	2004.13	1961.84	1.90	ppb
Calcium	44-1	1968.61	1949.37	1976.05	1964.68	0.70	ppb
Chromium	52-2	96.48	96.65	95.46	96.20	0.67	ppb
Cobalt	59-2	101.98	102.16	102.20	102.11	0.11	ppb
Copper	63-2	103.79	104.31	104.49	104.20	0.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	1048.28	1043.11	1033.54	1041.64	0.72	ppb
Iron	57-2	1065.17	1067.00	1067.73	1066.63	0.12	ppb
Krypton	83-1						cps
Lead	206-1	195.26	191.66	195.42	194.11	1.10	ppb
Lead	207-1	188.69	187.00	188.36	188.02	0.48	ppb
Lead	208-1	192.67	191.19	192.43	192.10	0.41	ppb
Lithium	6-1				98		%
Magnesium	24-2	1193.93	1189.67	1195.61	1193.07	0.26	ppb

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 16:07:38	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	95.45	95.11	95.21	95.26	0.19	ppb
Molybdenum	94-1	0.06	0.05	0.08	0.06	28.04	ppb
Molybdenum	95-1	0.05	0.07	0.05	0.06	14.23	ppb
Molybdenum	96-1	0.08	0.07	0.07	0.07	4.76	ppb
Molybdenum	97-1	0.04	0.07	0.04	0.05	24.07	ppb
Molybdenum	98-1	0.06	0.06	0.04	0.05	17.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.69	104.24	104.03	103.99	0.27	ppb
Phosphorus	31-2	-18.73	-24.59	-21.27	-21.53		ppb
Potassium	39-2	1949.82	1930.83	1939.85	1940.17	0.49	ppb
Rhodium	103-1				95		%
Rhodium	103-2				97		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	77-2	208.04	214.73	198.19	206.99	4.02	ppb
Selenium	78-2	209.95	211.45	217.34	212.91	1.83	ppb
Selenium	82-1	215.97	215.16	214.23	215.12	0.40	ppb
Silicon	28-1	0.27	0.17	0.67	0.37	71.38	ppb
Silver	109-1	110.07	111.50	110.89	110.82	0.65	ppb
Silver	107-1	110.92	110.12	110.12	110.39	0.42	ppb
Sodium	23-2	1909.29	1907.55	1911.49	1909.44	0.10	ppb
Strontium	86-1	2.35	2.25	2.35	2.32	2.54	ppb
Strontium	88-1	2.27	2.26	2.25	2.26	0.41	ppb
Sulfur	34-1	-204.14	-252.11	-267.42	-241.22		ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	196.20	194.13	196.77	195.70	0.71	ppb
Thallium	205-1	194.01	192.21	194.00	193.41	0.54	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	2.37	ppb
Tin	118-1	0.02	0.04	0.03	0.03	43.29	ppb
Titanium	47-1	0.03	0.03	0.03	0.03	6.40	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	2.19	ppb
Vanadium	51-2	95.95	96.47	95.17	95.87	0.68	ppb
Yttrium	89-1				97		%
Yttrium	89-2				97		%

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 16:07:38	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	206.84	208.27	207.78	207.63	0.35	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	47.46	ppb
Zirconium	91-1	0.08	0.09	0.06	0.08	17.54	ppb

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 16:14:24	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.03	17.98	17.85	17.95	0.53	ppb
Antimony	121-1	1.92	1.97	1.88	1.92	2.23	ppb
Arsenic	75-2	0.91	0.92	0.94	0.92	1.50	ppb
Barium	135-1	9.66	9.52	9.59	9.59	0.74	ppb
Barium	137-1	9.40	9.59	9.34	9.44	1.40	ppb
Beryllium	9-1	1.06	1.00	0.92	0.99	6.77	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Boron	10-1	24.38	26.78	25.23	25.46	4.78	ppb
Boron	11-1	24.56	25.95	25.99	25.50	3.19	ppb
Cadmium	111-1	0.97	0.98	0.88	0.94	5.65	ppb
Cadmium	106-1	0.97	1.22	0.04	0.74	83.61	ppb
Cadmium	108-1	1.09	0.84	1.10	1.01	14.50	ppb
Calcium	43-1	451.39	433.19	427.34	437.31	2.87	ppb
Calcium	44-1	442.05	447.82	443.00	444.29	0.70	ppb
Chromium	52-2	1.85	1.85	1.85	1.85	0.14	ppb
Cobalt	59-2	0.96	0.94	0.99	0.96	2.26	ppb
Copper	63-2	2.00	1.99	1.93	1.97	1.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				97		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	52.41	53.98	53.40	53.26	1.49	ppb
Iron	57-2	52.95	52.03	55.39	53.46	3.25	ppb
Krypton	83-1						cps
Lead	206-1	0.84	0.89	0.88	0.87	2.79	ppb
Lead	207-1	0.83	0.84	0.83	0.83	0.63	ppb
Lead	208-1	0.84	0.86	0.86	0.85	1.37	ppb
Lithium	6-1				99		%
Magnesium	24-2	483.93	489.46	485.64	486.34	0.58	ppb

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 16:14:24	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.94	0.99	1.00	0.98	2.88	ppb
Molybdenum	94-1	4.48	4.62	4.64	4.58	1.89	ppb
Molybdenum	95-1	4.72	4.66	4.68	4.69	0.71	ppb
Molybdenum	96-1	4.63	4.67	4.63	4.64	0.50	ppb
Molybdenum	97-1	4.73	4.85	4.63	4.74	2.40	ppb
Molybdenum	98-1	4.62	4.69	4.61	4.64	0.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.02	1.11	0.93	1.02	9.08	ppb
Phosphorus	31-2	33.89	16.41	21.00	23.76	38.13	ppb
Potassium	39-2	453.14	470.25	465.16	462.85	1.90	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	77-2	5.39	5.29	5.44	5.38	1.38	ppb
Selenium	78-2	5.10	5.16	5.11	5.12	0.68	ppb
Selenium	82-1	4.87	4.93	5.04	4.95	1.73	ppb
Silicon	28-1	8.12	8.98	8.23	8.44	5.53	ppb
Silver	109-1	1.01	1.02	0.99	1.01	1.64	ppb
Silver	107-1	1.00	1.01	0.99	1.00	1.07	ppb
Sodium	23-2	452.17	467.33	464.30	461.27	1.74	ppb
Strontium	86-1	0.89	0.86	0.80	0.85	5.37	ppb
Strontium	88-1	0.87	0.89	0.86	0.87	1.65	ppb
Sulfur	34-1	-182.27	-134.23	-152.95	-156.48		ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	0.86	0.89	0.88	0.88	1.79	ppb
Thallium	205-1	0.85	0.88	0.86	0.86	1.90	ppb
Thorium	232-1	0.78	0.78	0.79	0.79	0.55	ppb
Tin	118-1	4.88	4.93	4.86	4.89	0.73	ppb
Titanium	47-1	4.89	4.97	4.71	4.86	2.71	ppb
Uranium	238-1	0.76	0.78	0.77	0.77	1.38	ppb
Vanadium	51-2	4.73	4.90	4.87	4.83	1.90	ppb
Yttrium	89-1				98		%
Yttrium	89-2				95		%

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 16:14:24	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.99	1.92	1.92	1.94	2.06	ppb
Zirconium	90-1	0.88	0.90	0.89	0.89	1.16	ppb
Zirconium	91-1	0.87	0.92	0.92	0.90	2.89	ppb

LB Number : LB99940 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-19 16:18:00 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.10	0.06	-0.11	0.01	883.82	ppb
Antimony	121-1	0.02	0.03	0.03	0.03	14.48	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	75.41	ppb
Barium	135-1	-0.01	0.00	0.01	0.00		ppb
Barium	137-1	0.00	0.01	0.01	0.00	143.83	ppb
Beryllium	9-1	0.03	0.02	0.01	0.02	42.01	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	4.28	4.12	4.54	4.31	4.88	ppb
Boron	11-1	4.28	4.40	4.08	4.25	3.81	ppb
Cadmium	111-1	0.05	0.03	0.02	0.03	55.86	ppb
Cadmium	106-1	0.64	0.34	0.16	0.38	64.01	ppb
Cadmium	108-1	0.08	-0.01	0.03	0.03	126.98	ppb
Calcium	43-1	-0.38	-0.68	0.47	-0.20		ppb
Calcium	44-1	-0.16	-0.45	0.25	-0.12		ppb
Chromium	52-2	0.01	0.01	-0.01	0.00	339.65	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	31.11	ppb
Copper	63-2	-0.01	0.00	-0.01	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	-0.01	0.06	0.10	0.05	112.41	ppb
Iron	57-2	0.30	0.25	0.48	0.35	35.16	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.01	0.02	0.01	51.87	ppb
Lead	207-1	0.01	0.01	0.01	0.01	29.81	ppb
Lead	208-1	0.01	0.01	0.02	0.01	28.21	ppb
Lithium	6-1				99		%
Magnesium	24-2	0.55	0.49	0.44	0.49	11.29	ppb

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 16:18:00	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.00	0.01	0.01	47.24	ppb
Molybdenum	94-1	0.02	0.02	0.02	0.02	5.92	ppb
Molybdenum	95-1	0.01	0.03	0.02	0.02	41.28	ppb
Molybdenum	96-1	0.01	0.01	0.02	0.01	75.07	ppb
Molybdenum	97-1	0.03	0.01	0.01	0.02	58.52	ppb
Molybdenum	98-1	0.02	0.01	0.01	0.01	38.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.00	0.00	0.00	236.39	ppb
Phosphorus	31-2	-23.01	-26.31	-27.16	-25.49		ppb
Potassium	39-2	0.56	0.57	3.97	1.70	115.68	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.05	-0.25	-0.18	-0.16		ppb
Selenium	82-1	-0.31	0.06	-0.11	-0.12		ppb
Silicon	28-1	-0.29	-0.39	-0.34	-0.34		ppb
Silver	109-1	0.00	0.01	0.01	0.01	17.29	ppb
Silver	107-1	0.01	0.00	0.00	0.00	25.27	ppb
Sodium	23-2	8.84	9.23	8.83	8.96	2.53	ppb
Strontium	86-1	0.03	-0.02	-0.01	0.00	3082.94	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	10.07	ppb
Sulfur	34-1	-118.45	-136.30	-160.66	-138.47		ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.03	0.03	0.02	0.03	18.18	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	3.92	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	4.66	ppb
Tin	118-1	0.03	0.01	0.01	0.02	50.34	ppb
Titanium	47-1	0.04	0.01	0.03	0.03	55.07	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	36.40	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	206.95	ppb
Yttrium	89-1				98		%
Yttrium	89-2				97		%

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 16:18:00	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.05	-0.02	-0.03	0.00		ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	1679.77	ppb
Zirconium	91-1	0.00	0.00	0.01	0.00	312.01	ppb

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 16:21:35	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90975.72	89683.68	88604.08	89754.49	1.32	ppb
Antimony	121-1	1.13	1.16	1.15	1.15	1.17	ppb
Arsenic	75-2	0.38	0.33	0.32	0.35	9.13	ppb
Barium	135-1	1.42	1.43	1.51	1.45	3.56	ppb
Barium	137-1	1.47	1.40	1.31	1.39	5.45	ppb
Beryllium	9-1	0.29	0.25	0.28	0.28	7.34	ppb
Bismuth	209-1				85		%
Bismuth	209-2				80		%
Boron	10-1	3.68	3.85	3.68	3.74	2.63	ppb
Boron	11-1	3.75	3.54	3.55	3.62	3.30	ppb
Cadmium	111-1	0.33	0.28	0.22	0.28	18.15	ppb
Cadmium	106-1	-1.35	-1.72	-2.15	-1.74		ppb
Cadmium	108-1	11.77	10.54	10.49	10.93	6.61	ppb
Calcium	43-1	92361.49	94053.92	94671.58	93695.66	1.28	ppb
Calcium	44-1	94199.93	95683.23	95535.16	95139.44	0.86	ppb
Chromium	52-2	19.49	19.26	19.05	19.27	1.14	ppb
Cobalt	59-2	1.20	1.16	1.12	1.16	3.20	ppb
Copper	63-2	7.42	7.57	7.12	7.37	3.15	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				92		%
Holmium	165-2				88		%
Indium	115-1				84		%
Indium	115-2				81		%
Iron	56-2	106060.68	103174.54	102162.34	103799.19	1.95	ppb
Iron	57-2	105848.09	103270.82	102558.74	103892.55	1.67	ppb
Krypton	83-1						cps
Lead	206-1	4.61	4.71	4.67	4.66	1.07	ppb
Lead	207-1	4.03	4.18	4.02	4.08	2.11	ppb
Lead	208-1	4.32	4.37	4.33	4.34	0.59	ppb
Lithium	6-1				84		%
Magnesium	24-2	99843.35	98082.82	97605.98	98510.72	1.20	ppb

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 16:21:35	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.93	7.62	7.56	7.70	2.60	ppb
Molybdenum	94-1	1289.23	1297.62	1302.61	1296.48	0.52	ppb
Molybdenum	95-1	1865.80	1875.05	1873.28	1871.38	0.26	ppb
Molybdenum	96-1	1788.50	1800.20	1799.00	1795.90	0.36	ppb
Molybdenum	97-1	1857.47	1878.84	1877.84	1871.38	0.64	ppb
Molybdenum	98-1	1862.75	1885.30	1881.97	1876.67	0.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.19	5.13	5.25	5.19	1.13	ppb
Phosphorus	31-2	95841.59	94794.14	93705.58	94780.44	1.13	ppb
Potassium	39-2	98439.25	96498.96	95740.87	96893.03	1.44	ppb
Rhodium	103-1				77		%
Rhodium	103-2				75		%
Scandium	45-1				82		%
Scandium	45-2				80		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.55	-0.37	-0.48	-0.47		ppb
Selenium	82-1	0.06	0.05	0.03	0.05	32.55	ppb
Silicon	28-1	20.91	20.71	21.48	21.03	1.89	ppb
Silver	109-1	0.06	0.06	0.05	0.06	6.44	ppb
Silver	107-1	0.05	0.06	0.06	0.06	11.67	ppb
Sodium	23-2	97760.43	96205.60	95244.00	96403.34	1.32	ppb
Strontium	86-1	31.66	32.39	32.08	32.04	1.13	ppb
Strontium	88-1	32.02	32.53	32.56	32.37	0.94	ppb
Sulfur	34-1	82204.58	82595.52	83194.38	82664.83	0.60	ppb
Terbium	159-1				91		%
Terbium	159-2				87		%
Thallium	203-1	0.11	0.15	0.17	0.14	18.85	ppb
Thallium	205-1	0.13	0.16	0.18	0.16	14.80	ppb
Thorium	232-1	0.01	0.02	0.01	0.01	9.19	ppb
Tin	118-1	0.16	0.17	0.15	0.16	4.09	ppb
Titanium	47-1	1907.64	1915.54	1936.38	1919.86	0.77	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	2.75	ppb
Vanadium	51-2	0.16	0.18	0.16	0.17	6.55	ppb
Yttrium	89-1				85		%
Yttrium	89-2				82		%

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 16:21:35	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	10.85	10.57	10.78	10.74	1.36	ppb
Zirconium	90-1	0.03	0.03	0.02	0.03	25.19	ppb
Zirconium	91-1	0.04	0.04	0.03	0.04	17.03	ppb

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 16:25:10	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	85360.75	83958.17	84460.22	84593.05	0.84	ppb
Antimony	121-1	19.14	19.85	19.85	19.61	2.07	ppb
Arsenic	75-2	18.49	17.86	18.34	18.23	1.80	ppb
Barium	135-1	19.96	20.93	20.63	20.51	2.42	ppb
Barium	137-1	20.05	20.85	20.64	20.51	2.03	ppb
Beryllium	9-1	18.93	19.77	19.65	19.45	2.32	ppb
Bismuth	209-1				87		%
Bismuth	209-2				85		%
Boron	10-1	62.11	64.57	62.91	63.20	1.99	ppb
Boron	11-1	61.31	63.16	63.91	62.80	2.13	ppb
Cadmium	111-1	17.21	17.82	18.17	17.74	2.72	ppb
Cadmium	106-1	12.82	13.38	13.98	13.39	4.36	ppb
Cadmium	108-1	25.97	28.05	26.45	26.82	4.07	ppb
Calcium	43-1	90687.42	94219.13	92550.57	92485.71	1.91	ppb
Calcium	44-1	91903.41	95154.43	93405.05	93487.63	1.74	ppb
Chromium	52-2	36.44	36.27	35.99	36.23	0.64	ppb
Cobalt	59-2	19.22	19.42	19.50	19.38	0.74	ppb
Copper	63-2	25.03	25.15	24.83	25.00	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				94		%
Indium	115-1				87		%
Indium	115-2				87		%
Iron	56-2	98060.48	98380.66	97350.97	97930.70	0.54	ppb
Iron	57-2	97857.96	97224.41	97471.49	97517.95	0.33	ppb
Krypton	83-1						cps
Lead	206-1	23.76	24.61	24.24	24.20	1.78	ppb
Lead	207-1	21.82	22.64	22.39	22.28	1.88	ppb
Lead	208-1	22.68	23.40	23.23	23.10	1.63	ppb
Lithium	6-1				86		%
Magnesium	24-2	94170.22	92666.58	93368.99	93401.93	0.81	ppb

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 16:25:10	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	25.48	24.95	24.98	25.14	1.19	ppb
Molybdenum	94-1	1301.35	1332.31	1324.18	1319.28	1.22	ppb
Molybdenum	95-1	1870.56	1932.50	1913.75	1905.61	1.67	ppb
Molybdenum	96-1	1805.67	1849.94	1848.59	1834.73	1.37	ppb
Molybdenum	97-1	1877.16	1936.62	1920.07	1911.28	1.61	ppb
Molybdenum	98-1	1884.64	1940.53	1909.15	1911.44	1.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	22.84	23.11	22.99	22.98	0.60	ppb
Phosphorus	31-2	88918.88	90016.15	89511.00	89482.01	0.61	ppb
Potassium	39-2	91590.07	91837.20	91627.86	91685.04	0.15	ppb
Rhodium	103-1				80		%
Rhodium	103-2				80		%
Scandium	45-1				85		%
Scandium	45-2				86		%
Selenium	77-2	20.03	18.52	22.24	20.27	9.23	ppb
Selenium	78-2	17.73	18.41	16.12	17.42	6.75	ppb
Selenium	82-1	17.58	18.74	18.03	18.12	3.22	ppb
Silicon	28-1	83.53	85.86	86.29	85.23	1.74	ppb
Silver	109-1	17.46	17.97	18.01	17.81	1.72	ppb
Silver	107-1	17.48	18.07	17.95	17.83	1.76	ppb
Sodium	23-2	91717.13	90934.14	91395.86	91349.04	0.43	ppb
Strontium	86-1	31.37	32.52	31.68	31.86	1.88	ppb
Strontium	88-1	31.74	32.66	32.32	32.24	1.45	ppb
Sulfur	34-1	79734.98	81846.20	81127.05	80902.74	1.33	ppb
Terbium	159-1				94		%
Terbium	159-2				92		%
Thallium	203-1	19.37	19.98	19.93	19.76	1.72	ppb
Thallium	205-1	19.40	20.13	19.94	19.82	1.91	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	16.97	ppb
Tin	118-1	58.16	60.51	59.76	59.48	2.02	ppb
Titanium	47-1	1907.85	1969.08	1956.44	1944.46	1.66	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	2.70	ppb
Vanadium	51-2	18.48	17.95	17.92	18.12	1.73	ppb
Yttrium	89-1				87		%
Yttrium	89-2				88		%

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 16:25:10	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	27.16	26.89	27.29	27.11	0.75	ppb
Zirconium	90-1	0.04	0.03	0.03	0.03	16.27	ppb
Zirconium	91-1	0.03	0.03	0.03	0.03	6.36	ppb

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 16:28:46	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53595.16	53649.57	53434.33	53559.69	0.21	ppb
Antimony	121-1	484.85	490.70	485.68	487.08	0.65	ppb
Arsenic	75-2	468.17	470.84	462.47	467.16	0.91	ppb
Barium	135-1	2526.94	2536.19	2512.25	2525.13	0.48	ppb
Barium	137-1	2547.42	2538.95	2526.30	2537.56	0.42	ppb
Beryllium	9-1	505.10	509.63	505.38	506.71	0.50	ppb
Bismuth	209-1				81		%
Bismuth	209-2				76		%
Boron	10-1	479.16	506.20	507.21	497.52	3.20	ppb
Boron	11-1	486.48	506.07	505.33	499.29	2.22	ppb
Cadmium	111-1	452.73	454.58	451.46	452.92	0.35	ppb
Cadmium	106-1	471.04	470.15	463.20	468.13	0.92	ppb
Cadmium	108-1	457.49	459.23	459.14	458.62	0.21	ppb
Calcium	43-1	245235.19	246222.21	244294.40	245250.60	0.39	ppb
Calcium	44-1	247682.40	248090.95	243289.00	246354.11	1.08	ppb
Chromium	52-2	509.91	514.62	504.83	509.79	0.96	ppb
Cobalt	59-2	488.04	494.99	485.48	489.50	1.00	ppb
Copper	63-2	972.70	988.15	969.01	976.62	1.04	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				93		%
Holmium	165-2				88		%
Indium	115-1				82		%
Indium	115-2				81		%
Iron	56-2	130894.38	131365.97	129939.54	130733.30	0.56	ppb
Iron	57-2	130796.97	131690.42	129869.76	130785.72	0.70	ppb
Krypton	83-1						cps
Lead	206-1	521.31	521.04	525.25	522.53	0.45	ppb
Lead	207-1	519.70	522.35	524.37	522.14	0.45	ppb
Lead	208-1	520.68	522.49	521.85	521.67	0.18	ppb
Lithium	6-1				83		%
Magnesium	24-2	261667.86	263257.86	260208.11	261711.28	0.58	ppb

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 16:28:46	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	990.06	996.03	978.62	988.24	0.90	ppb
Molybdenum	94-1	2547.26	2542.80	2544.75	2544.94	0.09	ppb
Molybdenum	95-1	2536.66	2550.45	2535.41	2540.84	0.33	ppb
Molybdenum	96-1	2546.67	2559.55	2551.13	2552.45	0.26	ppb
Molybdenum	97-1	2543.42	2558.41	2539.59	2547.14	0.39	ppb
Molybdenum	98-1	2551.87	2581.13	2539.49	2557.50	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	484.06	487.77	481.40	484.41	0.66	ppb
Phosphorus	31-2	9952.40	10095.83	9963.91	10004.05	0.80	ppb
Potassium	39-2	125244.60	127244.07	126108.76	126199.14	0.79	ppb
Rhodium	103-1				75		%
Rhodium	103-2				74		%
Scandium	45-1				82		%
Scandium	45-2				82		%
Selenium	77-2	493.74	488.93	478.92	487.20	1.55	ppb
Selenium	78-2	499.26	493.67	481.56	491.50	1.84	ppb
Selenium	82-1	493.91	489.46	492.69	492.02	0.47	ppb
Silicon	28-1	572.00	585.52	584.21	580.58	1.28	ppb
Silver	109-1	465.90	467.55	465.04	466.16	0.27	ppb
Silver	107-1	470.38	467.49	464.84	467.57	0.59	ppb
Sodium	23-2	247929.49	250129.47	248170.84	248743.27	0.49	ppb
Strontium	86-1	503.83	509.22	507.80	506.95	0.55	ppb
Strontium	88-1	512.66	508.45	506.98	509.36	0.58	ppb
Sulfur	34-1	9838.56	9865.54	9904.61	9869.57	0.34	ppb
Terbium	159-1				91		%
Terbium	159-2				87		%
Thallium	203-1	526.13	524.00	523.31	524.48	0.28	ppb
Thallium	205-1	528.04	522.85	526.36	525.75	0.50	ppb
Thorium	232-1	537.77	532.89	530.74	533.80	0.68	ppb
Tin	118-1	496.21	503.29	501.36	500.28	0.73	ppb
Titanium	47-1	2547.96	2544.12	2521.34	2537.81	0.57	ppb
Uranium	238-1	537.75	530.57	530.62	532.98	0.77	ppb
Vanadium	51-2	500.95	505.20	498.96	501.70	0.64	ppb
Yttrium	89-1				84		%
Yttrium	89-2				84		%

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 16:28:46	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	984.92	995.98	980.84	987.25	0.79	ppb
Zirconium	90-1	514.35	513.21	511.61	513.06	0.27	ppb
Zirconium	91-1	510.66	512.28	508.98	510.64	0.32	ppb

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 16:32:27	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.77	2.21	2.03	2.34	16.54	ppb
Antimony	121-1	0.17	0.17	0.16	0.17	3.95	ppb
Arsenic	75-2	0.03	0.05	0.04	0.04	26.34	ppb
Barium	135-1	0.07	0.07	0.04	0.06	35.10	ppb
Barium	137-1	0.07	0.06	0.06	0.06	17.29	ppb
Beryllium	9-1	0.07	0.03	0.05	0.05	33.71	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Boron	10-1	17.18	15.89	14.86	15.98	7.28	ppb
Boron	11-1	17.20	15.76	14.75	15.90	7.77	ppb
Cadmium	111-1	0.13	0.10	0.02	0.08	64.45	ppb
Cadmium	106-1	1.17	1.09	-0.14	0.71	103.54	ppb
Cadmium	108-1	0.06	0.05	0.01	0.04	73.63	ppb
Calcium	43-1	6.66	7.29	5.82	6.59	11.18	ppb
Calcium	44-1	8.30	6.42	6.56	7.09	14.72	ppb
Chromium	52-2	0.05	0.02	0.03	0.03	59.63	ppb
Cobalt	59-2	0.00	0.00	0.01	0.01	65.74	ppb
Copper	63-2	0.03	0.03	0.05	0.04	31.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				96		%
Indium	115-1				95		%
Indium	115-2				94		%
Iron	56-2	4.18	4.16	4.50	4.28	4.45	ppb
Iron	57-2	4.13	3.94	5.29	4.45	16.36	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.06	0.06	0.06	4.02	ppb
Lead	207-1	0.06	0.06	0.07	0.06	6.28	ppb
Lead	208-1	0.07	0.06	0.06	0.06	8.07	ppb
Lithium	6-1				96		%
Magnesium	24-2	6.76	6.59	7.42	6.93	6.34	ppb

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 16:32:27	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.07	0.06	0.04	0.06	31.87	ppb
Molybdenum	94-1	0.46	0.44	0.37	0.42	11.70	ppb
Molybdenum	95-1	0.56	0.54	0.46	0.52	9.42	ppb
Molybdenum	96-1	0.58	0.49	0.46	0.51	11.96	ppb
Molybdenum	97-1	0.61	0.45	0.45	0.51	17.86	ppb
Molybdenum	98-1	0.63	0.52	0.46	0.54	15.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	0.05	0.02	120.18	ppb
Phosphorus	31-2	-25.22	-23.73	-22.54	-23.83		ppb
Potassium	39-2	15.17	12.60	11.54	13.10	14.26	ppb
Rhodium	103-1				92		%
Rhodium	103-2				94		%
Scandium	45-1				92		%
Scandium	45-2				90		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.41	-0.65	0.00	-0.35		ppb
Selenium	82-1	-0.04	0.12	-0.07	0.00	2314.36	ppb
Silicon	28-1	1.44	1.37	1.03	1.28	16.96	ppb
Silver	109-1	0.04	0.05	0.05	0.04	4.51	ppb
Silver	107-1	0.04	0.04	0.04	0.04	6.56	ppb
Sodium	23-2	40.40	39.47	38.84	39.57	1.99	ppb
Strontium	86-1	0.01	0.01	0.00	0.01	109.52	ppb
Strontium	88-1	0.02	0.01	0.01	0.01	27.27	ppb
Sulfur	34-1	-338.88	-241.76	-309.49	-296.71		ppb
Terbium	159-1				97		%
Terbium	159-2				95		%
Thallium	203-1	0.12	0.10	0.08	0.10	20.66	ppb
Thallium	205-1	0.11	0.10	0.09	0.10	9.94	ppb
Thorium	232-1	0.05	0.11	0.04	0.07	59.16	ppb
Tin	118-1	0.10	0.08	0.08	0.09	16.84	ppb
Titanium	47-1	0.19	0.19	0.08	0.15	40.75	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	37.63	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	24.40	ppb
Yttrium	89-1				93		%
Yttrium	89-2				93		%

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 16:32:27	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.09	0.15	0.01	0.09	82.78	ppb
Zirconium	90-1	0.03	0.02	0.03	0.03	12.64	ppb
Zirconium	91-1	0.03	0.01	0.03	0.02	45.86	ppb

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 16:36:01	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.49	18.53	19.04	19.02	2.50	ppb
Antimony	121-1	1.84	1.89	1.91	1.88	1.99	ppb
Arsenic	75-2	1.05	0.83	0.93	0.94	11.60	ppb
Barium	135-1	9.72	9.37	9.72	9.60	2.07	ppb
Barium	137-1	9.61	9.47	9.77	9.61	1.55	ppb
Beryllium	9-1	1.01	0.97	0.98	0.99	1.82	ppb
Bismuth	209-1				99		%
Bismuth	209-2				95		%
Boron	10-1	27.94	27.45	29.83	28.40	4.42	ppb
Boron	11-1	27.61	28.60	29.13	28.45	2.71	ppb
Cadmium	111-1	1.10	0.97	0.95	1.01	8.35	ppb
Cadmium	106-1	2.54	0.81	0.26	1.20	99.07	ppb
Cadmium	108-1	0.81	0.74	1.25	0.93	29.47	ppb
Calcium	43-1	439.78	433.91	459.50	444.40	3.02	ppb
Calcium	44-1	450.59	446.56	454.28	450.48	0.86	ppb
Chromium	52-2	1.93	1.90	1.89	1.90	1.15	ppb
Cobalt	59-2	0.97	0.91	0.97	0.95	3.49	ppb
Copper	63-2	2.07	1.96	1.95	1.99	3.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				95		%
Indium	115-1				98		%
Indium	115-2				94		%
Iron	56-2	55.48	53.61	54.58	54.56	1.72	ppb
Iron	57-2	59.79	54.97	58.30	57.69	4.28	ppb
Krypton	83-1						cps
Lead	206-1	0.94	0.89	0.95	0.93	3.71	ppb
Lead	207-1	0.88	0.87	0.84	0.86	2.32	ppb
Lead	208-1	0.90	0.88	0.90	0.89	1.16	ppb
Lithium	6-1				97		%
Magnesium	24-2	507.78	487.26	490.47	495.17	2.23	ppb

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 16:36:01	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.99	0.96	0.99	0.98	1.72	ppb
Molybdenum	94-1	4.87	4.68	4.92	4.82	2.60	ppb
Molybdenum	95-1	4.82	4.94	4.77	4.84	1.87	ppb
Molybdenum	96-1	4.65	4.65	4.90	4.73	3.02	ppb
Molybdenum	97-1	4.96	4.74	4.70	4.80	2.89	ppb
Molybdenum	98-1	4.74	4.89	4.82	4.82	1.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.16	1.04	1.07	1.09	5.72	ppb
Phosphorus	31-2	34.41	22.84	28.28	28.51	20.30	ppb
Potassium	39-2	486.78	463.85	469.23	473.29	2.53	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				95		%
Scandium	45-2				92		%
Selenium	77-2	4.90	5.24	4.00	4.71	13.59	ppb
Selenium	78-2	5.28	5.01	4.78	5.02	5.01	ppb
Selenium	82-1	4.99	5.22	5.21	5.14	2.59	ppb
Silicon	28-1	8.87	8.65	9.11	8.88	2.59	ppb
Silver	109-1	1.02	1.01	1.02	1.02	0.75	ppb
Silver	107-1	1.07	1.03	1.02	1.04	2.48	ppb
Sodium	23-2	490.98	468.48	476.50	478.65	2.38	ppb
Strontium	86-1	0.84	0.89	0.94	0.89	5.61	ppb
Strontium	88-1	0.89	0.90	0.91	0.90	0.96	ppb
Sulfur	34-1	-205.97	-248.85	-165.17	-206.66		ppb
Terbium	159-1				99		%
Terbium	159-2				95		%
Thallium	203-1	0.86	0.90	0.92	0.89	3.78	ppb
Thallium	205-1	0.90	0.91	0.90	0.90	0.64	ppb
Thorium	232-1	0.79	0.80	0.79	0.79	1.24	ppb
Tin	118-1	4.97	4.86	4.98	4.94	1.35	ppb
Titanium	47-1	4.74	5.12	4.74	4.87	4.46	ppb
Uranium	238-1	0.79	0.81	0.77	0.79	2.33	ppb
Vanadium	51-2	5.03	4.83	4.83	4.89	2.37	ppb
Yttrium	89-1				96		%
Yttrium	89-2				93		%

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 16:36:01	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.36	2.09	2.12	2.19	6.91	ppb
Zirconium	90-1	0.92	0.91	0.94	0.92	1.29	ppb
Zirconium	91-1	0.94	0.92	0.93	0.93	1.11	ppb

LB Number : LB99940 Operator : Jaswal
 Lab Sample ID : J6391-01DLX2 Instrumnet Name : P7
 Client Sample ID : P001-SS015-0612-01DL Dilution Factor : 2
 Date & Time Acquired :: 2018-12-19 16:39:36 DataFile Name : 021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45394.79	44627.45	46152.74	45391.66	1.68	ppb
Antimony	121-1	0.30	0.29	0.28	0.29	3.90	ppb
Arsenic	75-2	17.97	17.75	18.39	18.04	1.79	ppb
Barium	135-1	837.59	810.89	826.17	824.88	1.62	ppb
Barium	137-1	838.84	815.67	825.49	826.67	1.41	ppb
Beryllium	9-1	2.26	2.18	2.21	2.22	1.83	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Boron	10-1	16.00	15.80	15.55	15.78	1.43	ppb
Boron	11-1	16.33	15.55	15.70	15.86	2.60	ppb
Cadmium	111-1	0.93	0.86	0.96	0.91	5.52	ppb
Cadmium	106-1	3.03	1.86	3.49	2.79	30.18	ppb
Cadmium	108-1	1.15	1.15	1.19	1.16	2.20	ppb
Calcium	43-1	1884.23	1854.98	1837.06	1858.76	1.28	ppb
Calcium	44-1	1880.82	1839.21	1856.16	1858.73	1.13	ppb
Chromium	52-2	47.55	46.59	48.24	47.46	1.74	ppb
Cobalt	59-2	19.27	19.23	19.84	19.45	1.77	ppb
Copper	63-2	138.20	137.23	141.74	139.06	1.71	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				101		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	56-2	78045.32	77156.77	79540.84	78247.64	1.54	ppb
Iron	57-2	77777.43	76722.19	79071.79	77857.14	1.51	ppb
Krypton	83-1						cps
Lead	206-1	323.41	316.52	319.41	319.78	1.08	ppb
Lead	207-1	300.46	295.03	296.05	297.18	0.97	ppb
Lead	208-1	311.97	304.93	305.47	307.46	1.27	ppb
Lithium	6-1				98		%
Magnesium	24-2	8886.84	8837.08	9152.14	8958.69	1.89	ppb

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	J6391-01DLX2	Instrumnet Name :	P7
Client Sample ID :	P001-SS015-0612-01DL	Dilution Factor :	2
Date & Time Acquired ::	2018-12-19 16:39:36	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1260.00	1239.14	1284.42	1261.19	1.80	ppb
Molybdenum	94-1	9.03	8.69	8.75	8.82	2.08	ppb
Molybdenum	95-1	2.74	2.62	2.68	2.68	2.13	ppb
Molybdenum	96-1	4.16	3.98	3.90	4.01	3.23	ppb
Molybdenum	97-1	2.74	2.67	2.63	2.68	2.03	ppb
Molybdenum	98-1	2.68	2.58	2.66	2.64	2.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.57	54.41	55.52	54.83	1.09	ppb
Phosphorus	31-2	2582.97	2545.57	2640.98	2589.84	1.86	ppb
Potassium	39-2	1291.60	1294.28	1321.26	1302.38	1.26	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	77-2	30.81	25.17	28.08	28.02	10.06	ppb
Selenium	78-2	7.20	7.91	8.38	7.83	7.58	ppb
Selenium	82-1	3.91	3.77	4.04	3.91	3.51	ppb
Silicon	28-1	352.64	344.96	355.67	351.09	1.57	ppb
Silver	109-1	0.36	0.38	0.36	0.37	2.81	ppb
Silver	107-1	0.40	0.39	0.39	0.39	1.00	ppb
Sodium	23-2	1018.14	1012.70	1037.88	1022.91	1.29	ppb
Strontium	86-1	19.56	18.58	18.76	18.96	2.74	ppb
Strontium	88-1	19.13	18.53	18.83	18.83	1.59	ppb
Sulfur	34-1	5286.24	4949.08	4963.39	5066.24	3.76	ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	0.48	0.50	0.48	0.49	2.33	ppb
Thallium	205-1	0.48	0.48	0.48	0.48	0.47	ppb
Thorium	232-1	6.95	6.79	6.82	6.85	1.25	ppb
Tin	118-1	1.72	1.66	1.68	1.69	1.92	ppb
Titanium	47-1	36.57	35.48	37.03	36.36	2.19	ppb
Uranium	238-1	2.05	2.02	1.99	2.02	1.67	ppb
Vanadium	51-2	66.02	65.34	67.07	66.14	1.31	ppb
Yttrium	89-1				108		%
Yttrium	89-2				107		%

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	J6391-01DLX2	Instrumnet Name :	P7
Client Sample ID :	P001-SS015-0612-01DL	Dilution Factor :	2
Date & Time Acquired ::	2018-12-19 16:39:36	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	197.47	197.26	203.05	199.26	1.65	ppb
Zirconium	90-1	4.54	4.47	4.46	4.49	1.02	ppb
Zirconium	91-1	4.48	4.41	4.38	4.42	1.13	ppb

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	J6391-01DUPDLX2	Instrumnet Name :	P7
Client Sample ID :	P001-SS015-0612-01DU	Dilution Factor :	2
Date & Time Acquired ::	2018-12-19 16:43:12	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45702.12	44799.46	44165.08	44888.89	1.72	ppb
Antimony	121-1	0.22	0.23	0.23	0.23	3.23	ppb
Arsenic	75-2	17.19	17.27	17.13	17.20	0.40	ppb
Barium	135-1	803.66	819.18	819.62	814.15	1.12	ppb
Barium	137-1	808.88	822.82	821.07	817.59	0.93	ppb
Beryllium	9-1	2.17	2.15	2.05	2.12	3.10	ppb
Bismuth	209-1				98		%
Bismuth	209-2				95		%
Boron	10-1	6.28	6.33	6.50	6.37	1.84	ppb
Boron	11-1	6.55	6.51	6.39	6.48	1.32	ppb
Cadmium	111-1	0.84	0.84	0.86	0.85	0.90	ppb
Cadmium	106-1	2.56	2.30	2.72	2.53	8.42	ppb
Cadmium	108-1	1.41	1.07	1.14	1.21	14.78	ppb
Calcium	43-1	1636.02	1632.58	1659.72	1642.77	0.90	ppb
Calcium	44-1	1627.82	1643.89	1647.90	1639.87	0.65	ppb
Chromium	52-2	48.04	47.38	47.56	47.66	0.72	ppb
Cobalt	59-2	19.23	18.63	18.78	18.88	1.65	ppb
Copper	63-2	133.97	132.79	132.36	133.04	0.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	76183.22	75571.33	74936.72	75563.76	0.82	ppb
Iron	57-2	75658.06	74905.26	74388.90	74984.07	0.85	ppb
Krypton	83-1						cps
Lead	206-1	310.58	317.50	316.72	314.94	1.20	ppb
Lead	207-1	290.34	293.06	294.47	292.62	0.72	ppb
Lead	208-1	300.92	303.40	303.61	302.64	0.49	ppb
Lithium	6-1				99		%
Magnesium	24-2	8978.62	8858.14	8799.70	8878.82	1.03	ppb

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	J6391-01DUPDLX2	Instrumnet Name :	P7
Client Sample ID :	P001-SS015-0612-01DU	Dilution Factor :	2
Date & Time Acquired ::	2018-12-19 16:43:12	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1127.42	1117.36	1113.00	1119.26	0.66	ppb
Molybdenum	94-1	8.43	8.46	8.61	8.50	1.14	ppb
Molybdenum	95-1	2.65	2.70	2.65	2.67	1.22	ppb
Molybdenum	96-1	3.90	3.98	3.88	3.92	1.38	ppb
Molybdenum	97-1	2.55	2.71	2.68	2.65	3.23	ppb
Molybdenum	98-1	2.60	2.57	2.60	2.59	0.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.10	52.57	52.47	53.05	1.73	ppb
Phosphorus	31-2	2658.91	2556.63	2621.91	2612.48	1.98	ppb
Potassium	39-2	1246.64	1231.62	1220.16	1232.81	1.08	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	77-2	25.50	25.92	24.47	25.30	2.95	ppb
Selenium	78-2	8.35	7.83	9.01	8.40	7.01	ppb
Selenium	82-1	3.62	3.92	4.04	3.86	5.52	ppb
Silicon	28-1	345.83	349.39	375.63	356.95	4.56	ppb
Silver	109-1	0.37	0.38	0.36	0.37	2.35	ppb
Silver	107-1	0.35	0.35	0.36	0.35	2.41	ppb
Sodium	23-2	268.33	263.95	261.86	264.71	1.25	ppb
Strontium	86-1	18.26	18.18	18.54	18.32	1.03	ppb
Strontium	88-1	18.20	18.44	18.59	18.41	1.07	ppb
Sulfur	34-1	4833.10	4917.55	4873.38	4874.68	0.87	ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	0.50	0.50	0.50	0.50	0.40	ppb
Thallium	205-1	0.47	0.48	0.48	0.48	0.96	ppb
Thorium	232-1	6.70	6.79	6.81	6.77	0.90	ppb
Tin	118-1	1.38	1.38	1.38	1.38	0.21	ppb
Titanium	47-1	35.84	34.97	35.11	35.31	1.33	ppb
Uranium	238-1	2.01	2.03	2.05	2.03	0.89	ppb
Vanadium	51-2	66.61	65.34	64.82	65.59	1.40	ppb
Yttrium	89-1				109		%
Yttrium	89-2				108		%

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	J6391-01DUPDLX2	Instrumnet Name :	P7
Client Sample ID :	P001-SS015-0612-01DU	Dilution Factor :	2
Date & Time Acquired ::	2018-12-19 16:43:12	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	185.84	182.94	182.15	183.64	1.06	ppb
Zirconium	90-1	4.23	4.27	4.27	4.25	0.50	ppb
Zirconium	91-1	4.18	4.12	4.30	4.20	2.22	ppb

LB Number : LB99940 Operator : Jaswal
 Lab Sample ID : J6391-01LDLX10 Instrumnet Name : P7
 Client Sample ID : P001-SS015-0612-01LDI Dilution Factor : 10
 Date & Time Acquired :: 2018-12-19 16:46:48 DataFile Name : 023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9590.19	9739.92	9579.78	9636.63	0.93	ppb
Antimony	121-1	0.06	0.08	0.06	0.07	18.38	ppb
Arsenic	75-2	4.31	4.25	4.22	4.26	1.08	ppb
Barium	135-1	169.35	168.74	169.40	169.16	0.22	ppb
Barium	137-1	168.73	171.11	170.12	169.99	0.70	ppb
Beryllium	9-1	0.49	0.52	0.41	0.47	11.63	ppb
Bismuth	209-1				100		%
Bismuth	209-2				95		%
Boron	10-1	4.57	4.75	4.77	4.69	2.39	ppb
Boron	11-1	4.79	4.75	4.75	4.76	0.52	ppb
Cadmium	111-1	0.14	0.21	0.16	0.17	21.71	ppb
Cadmium	106-1	-0.28	0.67	0.19	0.19	245.59	ppb
Cadmium	108-1	0.24	0.37	0.24	0.28	27.95	ppb
Calcium	43-1	391.73	396.65	394.17	394.18	0.62	ppb
Calcium	44-1	386.38	389.59	392.48	389.48	0.78	ppb
Chromium	52-2	10.35	10.20	10.04	10.20	1.54	ppb
Cobalt	59-2	4.18	4.11	4.09	4.13	1.25	ppb
Copper	63-2	29.96	30.06	29.68	29.90	0.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				96		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	56-2	16610.02	16858.30	16520.91	16663.07	1.05	ppb
Iron	57-2	16396.40	16712.65	16421.70	16510.25	1.06	ppb
Krypton	83-1						cps
Lead	206-1	64.15	63.92	64.50	64.19	0.45	ppb
Lead	207-1	59.72	59.42	59.91	59.69	0.41	ppb
Lead	208-1	61.85	61.50	61.98	61.78	0.41	ppb
Lithium	6-1				97		%
Magnesium	24-2	1900.42	1934.34	1909.27	1914.67	0.92	ppb

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	J6391-01LDLX10	Instrumnet Name :	P7
Client Sample ID :	P001-SS015-0612-01LDI	Dilution Factor :	10
Date & Time Acquired ::	2018-12-19 16:46:48	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	266.92	268.19	264.90	266.67	0.62	ppb
Molybdenum	94-1	1.86	2.02	1.97	1.95	4.29	ppb
Molybdenum	95-1	0.56	0.62	0.61	0.60	5.09	ppb
Molybdenum	96-1	0.87	0.95	0.84	0.89	6.23	ppb
Molybdenum	97-1	0.57	0.61	0.62	0.60	3.89	ppb
Molybdenum	98-1	0.61	0.60	0.58	0.60	2.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.62	11.80	11.82	11.75	0.93	ppb
Phosphorus	31-2	524.08	535.35	533.56	531.00	1.14	ppb
Potassium	39-2	277.65	278.12	277.82	277.86	0.08	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				95		%
Scandium	45-2				92		%
Selenium	77-2	9.27	4.44	7.59	7.10	34.56	ppb
Selenium	78-2	1.44	1.56	1.73	1.58	9.28	ppb
Selenium	82-1	0.87	0.80	0.98	0.88	10.30	ppb
Silicon	28-1	71.46	74.66	74.28	73.47	2.38	ppb
Silver	109-1	0.08	0.09	0.09	0.09	2.84	ppb
Silver	107-1	0.09	0.10	0.09	0.09	6.12	ppb
Sodium	23-2	208.58	214.77	207.80	210.38	1.81	ppb
Strontium	86-1	4.05	4.22	4.15	4.14	2.05	ppb
Strontium	88-1	4.16	4.14	4.18	4.16	0.46	ppb
Sulfur	34-1	320.95	331.44	352.66	335.02	4.82	ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	0.12	0.11	0.10	0.11	7.26	ppb
Thallium	205-1	0.10	0.11	0.10	0.11	3.09	ppb
Thorium	232-1	1.36	1.36	1.33	1.35	1.21	ppb
Tin	118-1	0.33	0.33	0.32	0.33	1.15	ppb
Titanium	47-1	7.61	7.53	7.69	7.61	1.02	ppb
Uranium	238-1	0.41	0.42	0.41	0.41	0.88	ppb
Vanadium	51-2	14.20	14.05	14.13	14.13	0.53	ppb
Yttrium	89-1				99		%
Yttrium	89-2				96		%

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	J6391-01LDLX10	Instrumnet Name :	P7
Client Sample ID :	P001-SS015-0612-01LDI	Dilution Factor :	10
Date & Time Acquired ::	2018-12-19 16:46:48	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	43.38	43.79	44.02	43.73	0.74	ppb
Zirconium	90-1	0.99	0.97	0.97	0.98	1.36	ppb
Zirconium	91-1	1.06	1.00	1.00	1.02	3.44	ppb

LB Number : LB99940 Operator : Jaswal
 Lab Sample ID : J6391-02DLX2 Instrumnet Name : P7
 Client Sample ID : P001-SS015-0612-01MS Dilution Factor : 2
 Date & Time Acquired :: 2018-12-19 16:50:22 DataFile Name : 024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52697.72	51600.64	52687.24	52328.54	1.20	ppb
Antimony	121-1	17.20	17.10	17.29	17.20	0.57	ppb
Arsenic	75-2	215.16	211.52	218.97	215.22	1.73	ppb
Barium	135-1	1918.82	1871.60	1897.49	1895.97	1.25	ppb
Barium	137-1	1927.04	1882.01	1911.15	1906.73	1.20	ppb
Beryllium	9-1	233.59	230.37	231.00	231.65	0.74	ppb
Bismuth	209-1				92		%
Bismuth	209-2				89		%
Boron	10-1	123.86	126.79	130.72	127.12	2.71	ppb
Boron	11-1	125.51	130.16	131.55	129.07	2.45	ppb
Cadmium	111-1	227.43	223.49	228.29	226.40	1.13	ppb
Cadmium	106-1	202.57	202.20	206.96	203.91	1.30	ppb
Cadmium	108-1	212.16	209.82	214.17	212.05	1.03	ppb
Calcium	43-1	22775.49	22748.80	23159.84	22894.71	1.00	ppb
Calcium	44-1	23000.01	22678.23	23059.48	22912.58	0.90	ppb
Chromium	52-2	267.67	263.29	270.18	267.05	1.31	ppb
Cobalt	59-2	239.76	235.95	241.92	239.21	1.26	ppb
Copper	63-2	560.11	555.45	567.57	561.04	1.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				95		%
Indium	115-1				92		%
Indium	115-2				90		%
Iron	56-2	68980.66	67719.49	69485.34	68728.50	1.32	ppb
Iron	57-2	68815.60	67466.46	68844.89	68375.65	1.15	ppb
Krypton	83-1						cps
Lead	206-1	533.82	522.64	532.26	529.57	1.14	ppb
Lead	207-1	500.15	496.05	506.08	500.76	1.01	ppb
Lead	208-1	517.62	508.70	518.04	514.79	1.02	ppb
Lithium	6-1				94		%
Magnesium	24-2	29728.49	29206.21	29814.65	29583.12	1.11	ppb

LB Number : LB99940 Operator : Jaswal
 Lab Sample ID : J6391-02DLX2 Instrumnet Name : P7
 Client Sample ID : P001-SS015-0612-01MS Dilution Factor : 2
 Date & Time Acquired :: 2018-12-19 16:50:22 DataFile Name : 024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	861.28	855.90	874.95	864.04	1.14	ppb
Molybdenum	94-1	771.27	770.29	777.31	772.96	0.49	ppb
Molybdenum	95-1	922.09	917.27	922.28	920.55	0.31	ppb
Molybdenum	96-1	904.70	894.03	912.88	903.87	1.05	ppb
Molybdenum	97-1	917.92	915.23	937.61	923.59	1.32	ppb
Molybdenum	98-1	930.35	917.22	932.18	926.58	0.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	274.34	271.13	280.34	275.27	1.70	ppb
Phosphorus	31-2	2247.88	2118.38	2167.88	2178.05	3.00	ppb
Potassium	39-2	11985.10	11779.31	12001.73	11922.04	1.04	ppb
Rhodium	103-1				87		%
Rhodium	103-2				87		%
Scandium	45-1				93		%
Scandium	45-2				91		%
Selenium	77-2	216.97	232.27	233.63	227.62	4.06	ppb
Selenium	78-2	202.11	203.92	206.34	204.12	1.04	ppb
Selenium	82-1	204.50	202.55	205.69	204.25	0.78	ppb
Silicon	28-1	839.37	825.26	841.59	835.41	1.06	ppb
Silver	109-1	207.28	204.60	208.22	206.70	0.91	ppb
Silver	107-1	205.78	203.67	207.94	205.80	1.04	ppb
Sodium	23-2	21020.45	20612.24	21146.82	20926.50	1.34	ppb
Strontium	86-1	221.26	223.06	227.58	223.97	1.45	ppb
Strontium	88-1	224.13	221.61	225.62	223.79	0.91	ppb
Sulfur	34-1	4718.01	4553.77	4725.42	4665.73	2.08	ppb
Terbium	159-1				97		%
Terbium	159-2				94		%
Thallium	203-1	216.23	216.04	220.49	217.58	1.16	ppb
Thallium	205-1	218.23	214.58	216.92	216.58	0.85	ppb
Thorium	232-1	7.09	7.03	7.20	7.11	1.27	ppb
Tin	118-1	23.37	22.99	23.39	23.25	0.98	ppb
Titanium	47-1	327.93	326.38	329.45	327.92	0.47	ppb
Uranium	238-1	216.85	213.10	216.50	215.48	0.96	ppb
Vanadium	51-2	281.89	275.75	285.22	280.95	1.71	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	J6391-02DLX2	Instrumnet Name :	P7
Client Sample ID :	P001-SS015-0612-01MS	Dilution Factor :	2
Date & Time Acquired ::	2018-12-19 16:50:22	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	592.10	582.50	599.90	591.50	1.47	ppb
Zirconium	90-1	83.10	82.09	83.48	82.89	0.87	ppb
Zirconium	91-1	83.36	81.78	83.11	82.75	1.03	ppb

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	J6391-03DLX2	Instrumnet Name :	P7
Client Sample ID :	P001-SS015-0612-01MS	Dilution Factor :	2
Date & Time Acquired ::	2018-12-19 16:53:58	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53991.71	53707.83	54714.98	54138.17	0.96	ppb
Antimony	121-1	19.59	19.20	19.19	19.33	1.18	ppb
Arsenic	75-2	231.54	231.60	234.50	232.55	0.73	ppb
Barium	135-1	2052.08	1985.50	1990.11	2009.23	1.85	ppb
Barium	137-1	2048.19	1986.11	1979.73	2004.68	1.89	ppb
Beryllium	9-1	257.51	252.12	248.98	252.87	1.71	ppb
Bismuth	209-1				91		%
Bismuth	209-2				88		%
Boron	10-1	146.03	145.31	145.19	145.51	0.31	ppb
Boron	11-1	144.09	146.62	144.19	144.97	0.99	ppb
Cadmium	111-1	249.27	240.83	243.02	244.37	1.79	ppb
Cadmium	106-1	226.44	212.82	220.63	219.96	3.11	ppb
Cadmium	108-1	232.95	228.22	231.62	230.93	1.06	ppb
Calcium	43-1	25726.73	25091.73	24702.11	25173.52	2.05	ppb
Calcium	44-1	25710.35	25011.13	24862.72	25194.73	1.80	ppb
Chromium	52-2	285.12	286.94	291.84	287.97	1.21	ppb
Cobalt	59-2	258.05	259.65	264.25	260.65	1.23	ppb
Copper	63-2	592.04	603.16	613.74	602.98	1.80	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				94		%
Indium	115-1				90		%
Indium	115-2				90		%
Iron	56-2	68604.65	69174.04	70035.57	69271.42	1.04	ppb
Iron	57-2	68011.79	69175.93	70104.02	69097.25	1.52	ppb
Krypton	83-1						cps
Lead	206-1	559.37	549.96	544.76	551.36	1.34	ppb
Lead	207-1	528.19	522.03	523.37	524.53	0.62	ppb
Lead	208-1	546.73	535.04	531.99	537.92	1.45	ppb
Lithium	6-1				92		%
Magnesium	24-2	31875.04	32235.22	32656.21	32255.49	1.21	ppb

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	J6391-03DLX2	Instrumnet Name :	P7
Client Sample ID :	P001-SS015-0612-01MS	Dilution Factor :	2
Date & Time Acquired ::	2018-12-19 16:53:58	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	835.00	844.74	856.37	845.37	1.27	ppb
Molybdenum	94-1	857.73	836.44	838.34	844.17	1.40	ppb
Molybdenum	95-1	1031.08	1002.82	1005.12	1013.01	1.55	ppb
Molybdenum	96-1	1015.05	979.64	982.69	992.46	1.98	ppb
Molybdenum	97-1	1031.58	1005.82	1019.96	1019.12	1.27	ppb
Molybdenum	98-1	1035.59	1001.72	1005.14	1014.15	1.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	292.52	295.26	301.94	296.57	1.63	ppb
Phosphorus	31-2	2297.05	2254.61	2356.97	2302.88	2.23	ppb
Potassium	39-2	12892.91	12873.79	13141.93	12969.54	1.15	ppb
Rhodium	103-1				85		%
Rhodium	103-2				86		%
Scandium	45-1				91		%
Scandium	45-2				90		%
Selenium	77-2	252.12	235.12	241.74	242.99	3.53	ppb
Selenium	78-2	220.75	222.45	229.69	224.30	2.12	ppb
Selenium	82-1	225.34	217.40	220.53	221.09	1.81	ppb
Silicon	28-1	967.76	956.56	958.70	961.01	0.62	ppb
Silver	109-1	229.05	222.12	224.24	225.14	1.58	ppb
Silver	107-1	225.86	220.46	222.38	222.90	1.23	ppb
Sodium	23-2	22792.40	22936.72	23552.05	23093.72	1.75	ppb
Strontium	86-1	247.24	241.48	244.76	244.49	1.18	ppb
Strontium	88-1	249.35	241.52	241.72	244.20	1.83	ppb
Sulfur	34-1	4838.14	4627.03	4541.15	4668.77	3.27	ppb
Terbium	159-1				96		%
Terbium	159-2				93		%
Thallium	203-1	243.33	238.61	239.43	240.46	1.05	ppb
Thallium	205-1	244.07	237.45	236.56	239.36	1.71	ppb
Thorium	232-1	7.50	7.34	7.38	7.41	1.17	ppb
Tin	118-1	23.74	23.14	22.96	23.28	1.76	ppb
Titanium	47-1	344.49	334.83	337.56	338.96	1.47	ppb
Uranium	238-1	240.53	234.77	234.64	236.64	1.42	ppb
Vanadium	51-2	297.78	301.02	305.98	301.59	1.37	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	J6391-03DLX2	Instrumnet Name :	P7
Client Sample ID :	P001-SS015-0612-01MS	Dilution Factor :	2
Date & Time Acquired ::	2018-12-19 16:53:58	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	629.85	633.21	645.93	636.33	1.33	ppb
Zirconium	90-1	86.68	83.60	84.54	84.94	1.86	ppb
Zirconium	91-1	86.65	83.89	83.81	84.78	1.91	ppb

LB Number : LB99940 Operator : Jaswal
 Lab Sample ID : J6391-01ADLX2 Instrumnet Name : P7
 Client Sample ID : P001-SS015-0612-01ADL Dilution Factor : 2
 Date & Time Acquired :: 2018-12-19 16:57:34 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54354.39	54754.92	55041.20	54716.84	0.63	ppb
Antimony	121-1	19.92	20.06	20.02	20.00	0.36	ppb
Arsenic	75-2	230.26	231.02	234.15	231.81	0.89	ppb
Barium	135-1	2004.69	2016.82	1987.46	2002.99	0.74	ppb
Barium	137-1	2004.19	2020.31	2001.07	2008.52	0.51	ppb
Beryllium	9-1	248.46	248.90	252.82	250.06	0.96	ppb
Bismuth	209-1				91		%
Bismuth	209-2				88		%
Boron	10-1	141.22	142.72	148.43	144.13	2.64	ppb
Boron	11-1	145.24	147.75	148.89	147.30	1.27	ppb
Cadmium	111-1	242.23	243.54	242.89	242.89	0.27	ppb
Cadmium	106-1	219.33	220.48	222.14	220.65	0.64	ppb
Cadmium	108-1	225.91	230.17	227.04	227.70	0.97	ppb
Calcium	43-1	25156.23	25148.74	25309.16	25204.71	0.36	ppb
Calcium	44-1	25307.93	25155.44	25179.99	25214.45	0.32	ppb
Chromium	52-2	290.54	290.99	289.88	290.47	0.19	ppb
Cobalt	59-2	260.70	261.97	260.34	261.00	0.33	ppb
Copper	63-2	606.54	607.97	608.38	607.63	0.16	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				97		%
Holmium	165-2				94		%
Indium	115-1				91		%
Indium	115-2				90		%
Iron	56-2	70565.07	70402.11	70171.35	70379.51	0.28	ppb
Iron	57-2	70283.77	70206.73	70254.39	70248.30	0.06	ppb
Krypton	83-1						cps
Lead	206-1	554.29	555.18	553.18	554.22	0.18	ppb
Lead	207-1	517.66	524.31	531.45	524.47	1.31	ppb
Lead	208-1	537.93	538.25	543.46	539.88	0.57	ppb
Lithium	6-1				92		%
Magnesium	24-2	32148.07	32141.63	32142.27	32143.99	0.01	ppb

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	J6391-01ADLX2	Instrumnet Name :	P7
Client Sample ID :	P001-SS015-0612-01ADL	Dilution Factor :	2
Date & Time Acquired ::	2018-12-19 16:57:34	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	868.50	867.15	870.03	868.56	0.17	ppb
Molybdenum	94-1	846.98	850.54	842.60	846.71	0.47	ppb
Molybdenum	95-1	1017.67	1019.80	1010.55	1016.01	0.48	ppb
Molybdenum	96-1	998.46	995.82	992.03	995.44	0.33	ppb
Molybdenum	97-1	1012.33	1019.14	1020.40	1017.29	0.43	ppb
Molybdenum	98-1	1012.48	1015.85	1013.16	1013.83	0.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	298.42	298.11	296.98	297.83	0.25	ppb
Phosphorus	31-2	2240.16	2341.07	2338.20	2306.48	2.49	ppb
Potassium	39-2	12975.87	13044.77	13115.34	13045.33	0.53	ppb
Rhodium	103-1				86		%
Rhodium	103-2				86		%
Scandium	45-1				91		%
Scandium	45-2				89		%
Selenium	77-2	245.86	232.61	248.91	242.46	3.58	ppb
Selenium	78-2	220.67	223.28	224.28	222.74	0.84	ppb
Selenium	82-1	220.72	221.67	221.80	221.40	0.27	ppb
Silicon	28-1	1077.18	1098.57	1084.72	1086.82	1.00	ppb
Silver	109-1	223.52	223.13	223.23	223.29	0.09	ppb
Silver	107-1	223.52	224.06	221.88	223.15	0.51	ppb
Sodium	23-2	23007.55	23122.34	23012.16	23047.35	0.28	ppb
Strontium	86-1	240.94	245.93	243.53	243.47	1.02	ppb
Strontium	88-1	240.91	242.24	242.94	242.03	0.43	ppb
Sulfur	34-1	4737.72	4661.55	4764.32	4721.20	1.13	ppb
Terbium	159-1				97		%
Terbium	159-2				93		%
Thallium	203-1	239.75	241.98	241.81	241.18	0.51	ppb
Thallium	205-1	240.53	239.62	237.73	239.29	0.60	ppb
Thorium	232-1	7.19	7.27	7.32	7.26	0.94	ppb
Tin	118-1	23.80	24.21	23.99	24.00	0.87	ppb
Titanium	47-1	350.21	357.45	350.62	352.76	1.15	ppb
Uranium	238-1	235.50	234.59	238.23	236.11	0.80	ppb
Vanadium	51-2	304.52	305.67	303.45	304.55	0.37	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	J6391-01ADLX2	Instrumnet Name :	P7
Client Sample ID :	P001-SS015-0612-01ADL	Dilution Factor :	2
Date & Time Acquired ::	2018-12-19 16:57:34	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	634.97	645.04	636.02	638.68	0.87	ppb
Zirconium	90-1	88.14	88.28	88.31	88.24	0.11	ppb
Zirconium	91-1	87.68	88.54	88.20	88.14	0.49	ppb

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 17:01:11	DataFile Name :	027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53397.85	53503.62	53138.39	53346.62	0.35	ppb
Antimony	121-1	483.72	487.73	486.29	485.91	0.42	ppb
Arsenic	75-2	476.33	475.62	470.96	474.30	0.61	ppb
Barium	135-1	2529.81	2554.63	2541.00	2541.81	0.49	ppb
Barium	137-1	2531.56	2551.38	2530.74	2537.90	0.46	ppb
Beryllium	9-1	511.22	510.09	511.22	510.84	0.13	ppb
Bismuth	209-1				83		%
Bismuth	209-2				77		%
Boron	10-1	494.68	509.70	520.20	508.19	2.52	ppb
Boron	11-1	496.06	514.76	522.24	511.02	2.64	ppb
Cadmium	111-1	449.42	454.13	455.83	453.12	0.73	ppb
Cadmium	106-1	461.96	466.67	459.64	462.76	0.77	ppb
Cadmium	108-1	459.79	462.70	457.61	460.03	0.56	ppb
Calcium	43-1	243595.99	242995.38	246796.12	244462.50	0.84	ppb
Calcium	44-1	245309.38	245135.66	247982.26	246142.43	0.65	ppb
Chromium	52-2	516.37	515.18	516.00	515.85	0.12	ppb
Cobalt	59-2	495.56	492.09	494.42	494.02	0.36	ppb
Copper	63-2	984.16	984.54	981.73	983.48	0.16	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				95		%
Holmium	165-2				89		%
Indium	115-1				84		%
Indium	115-2				82		%
Iron	56-2	132727.49	131403.02	131902.29	132010.94	0.51	ppb
Iron	57-2	132048.26	131320.55	131743.71	131704.17	0.28	ppb
Krypton	83-1						cps
Lead	206-1	516.18	517.46	527.73	520.46	1.22	ppb
Lead	207-1	517.90	517.88	525.99	520.59	0.90	ppb
Lead	208-1	519.00	518.71	525.58	521.10	0.75	ppb
Lithium	6-1				83		%
Magnesium	24-2	262353.30	263051.90	262262.29	262555.83	0.16	ppb

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 17:01:11	DataFile Name :	027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	992.13	990.29	991.75	991.39	0.10	ppb
Molybdenum	94-1	2545.28	2541.81	2553.43	2546.84	0.23	ppb
Molybdenum	95-1	2536.42	2539.03	2551.77	2542.40	0.32	ppb
Molybdenum	96-1	2527.30	2537.80	2565.91	2543.67	0.78	ppb
Molybdenum	97-1	2513.40	2543.97	2569.58	2542.32	1.11	ppb
Molybdenum	98-1	2521.80	2546.14	2555.82	2541.25	0.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	488.55	485.29	485.88	486.57	0.36	ppb
Phosphorus	31-2	9860.55	9882.17	9703.10	9815.27	1.00	ppb
Potassium	39-2	127706.58	127035.05	127295.62	127345.75	0.27	ppb
Rhodium	103-1				77		%
Rhodium	103-2				75		%
Scandium	45-1				84		%
Scandium	45-2				84		%
Selenium	77-2	518.90	511.59	491.84	507.44	2.76	ppb
Selenium	78-2	507.88	504.10	491.18	501.05	1.75	ppb
Selenium	82-1	482.14	489.29	495.48	488.97	1.36	ppb
Silicon	28-1	578.11	588.67	593.15	586.64	1.32	ppb
Silver	109-1	463.37	467.29	467.72	466.13	0.51	ppb
Silver	107-1	466.53	467.76	467.64	467.31	0.14	ppb
Sodium	23-2	251187.48	249715.90	248584.18	249829.18	0.52	ppb
Strontium	86-1	500.39	505.95	509.78	505.37	0.93	ppb
Strontium	88-1	504.42	504.83	510.35	506.53	0.65	ppb
Sulfur	34-1	9723.15	9795.38	9869.61	9796.05	0.75	ppb
Terbium	159-1				94		%
Terbium	159-2				88		%
Thallium	203-1	518.20	523.44	526.58	522.74	0.81	ppb
Thallium	205-1	525.28	520.46	528.80	524.85	0.80	ppb
Thorium	232-1	528.99	528.90	528.07	528.65	0.10	ppb
Tin	118-1	496.58	501.88	501.98	500.15	0.62	ppb
Titanium	47-1	2533.67	2533.98	2574.22	2547.29	0.92	ppb
Uranium	238-1	527.24	527.99	532.02	529.08	0.49	ppb
Vanadium	51-2	508.28	508.06	502.76	506.37	0.62	ppb
Yttrium	89-1				87		%
Yttrium	89-2				85		%

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 17:01:11	DataFile Name :	027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	985.92	990.34	990.13	988.80	0.25	ppb
Zirconium	90-1	512.60	513.55	515.06	513.74	0.24	ppb
Zirconium	91-1	507.93	514.18	516.34	512.82	0.85	ppb

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 17:04:52	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.10	1.06	1.01	1.06	4.13	ppb
Antimony	121-1	0.17	0.15	0.15	0.16	6.32	ppb
Arsenic	75-2	0.05	0.02	0.04	0.04	41.89	ppb
Barium	135-1	0.05	0.04	0.05	0.05	12.59	ppb
Barium	137-1	0.04	0.03	0.04	0.04	15.93	ppb
Beryllium	9-1	0.05	0.04	0.05	0.04	18.84	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Boron	10-1	19.00	16.91	16.14	17.35	8.54	ppb
Boron	11-1	18.99	17.12	15.73	17.28	9.45	ppb
Cadmium	111-1	0.05	-0.01	0.04	0.03	135.22	ppb
Cadmium	106-1	0.34	-0.40	0.09	0.01	2907.99	ppb
Cadmium	108-1	0.01	0.03	0.02	0.02	72.23	ppb
Calcium	43-1	4.31	3.94	5.33	4.53	15.97	ppb
Calcium	44-1	3.96	1.90	2.63	2.83	36.83	ppb
Chromium	52-2	0.02	0.00	0.01	0.01	105.19	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	204.20	ppb
Copper	63-2	0.02	0.03	0.02	0.02	36.61	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				99		%
Holmium	165-2				96		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	56-2	2.81	2.50	2.71	2.67	5.86	ppb
Iron	57-2	3.61	2.18	2.77	2.86	25.17	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.05	0.05	0.04	7.23	ppb
Lead	207-1	0.05	0.04	0.04	0.04	14.49	ppb
Lead	208-1	0.05	0.04	0.04	0.04	4.62	ppb
Lithium	6-1				95		%
Magnesium	24-2	3.87	4.16	4.54	4.19	8.04	ppb

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 17:04:52	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.03	0.01	0.02	47.06	ppb
Molybdenum	94-1	0.59	0.45	0.42	0.48	19.03	ppb
Molybdenum	95-1	0.79	0.65	0.49	0.64	23.43	ppb
Molybdenum	96-1	0.77	0.58	0.51	0.62	22.07	ppb
Molybdenum	97-1	0.79	0.59	0.50	0.63	24.26	ppb
Molybdenum	98-1	0.78	0.61	0.51	0.64	21.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.02	0.01	0.02	36.67	ppb
Phosphorus	31-2	-28.37	-26.52	-18.63	-24.51		ppb
Potassium	39-2	13.76	12.13	12.72	12.87	6.42	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				93		%
Scandium	45-2				91		%
Selenium	77-2	0.25	0.00	0.00	0.08	173.21	ppb
Selenium	78-2	-0.20	-0.19	0.03	-0.12		ppb
Selenium	82-1	0.11	0.10	-0.17	0.01	1600.68	ppb
Silicon	28-1	4.42	3.60	3.41	3.81	14.17	ppb
Silver	109-1	0.03	0.03	0.03	0.03	12.50	ppb
Silver	107-1	0.03	0.02	0.03	0.03	14.13	ppb
Sodium	23-2	25.21	26.92	25.44	25.86	3.59	ppb
Strontium	86-1	0.02	-0.02	0.01	0.01	281.90	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	11.79	ppb
Sulfur	34-1	-362.47	-373.36	-315.73	-350.52		ppb
Terbium	159-1				99		%
Terbium	159-2				95		%
Thallium	203-1	0.08	0.08	0.07	0.07	10.29	ppb
Thallium	205-1	0.08	0.07	0.07	0.07	6.87	ppb
Thorium	232-1	0.05	0.05	0.04	0.05	11.96	ppb
Tin	118-1	0.07	0.07	0.07	0.07	4.89	ppb
Titanium	47-1	0.08	0.06	0.05	0.06	18.24	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	13.75	ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	26.59	ppb
Yttrium	89-1				96		%
Yttrium	89-2				94		%

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 17:04:52	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.05	0.08	0.04	0.06	30.52	ppb
Zirconium	90-1	0.02	0.03	0.03	0.03	11.52	ppb
Zirconium	91-1	0.03	0.01	0.04	0.03	42.99	ppb

LB Number : LB99940 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-19 15:24:45 DataFile Name : 003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	42	100	58	62.28	cps
Antimony	121-1	50	108	100	86	36.64	cps
Arsenic	75-2	9	6	2	6	66.68	cps
Barium	135-1	75	75	58	69	13.85	cps
Barium	137-1	83	125	108	106	19.87	cps
Beryllium	9-1	78	139	94	104	30.46	cps
Bismuth	209-1	14688093	14625764	14593366	14635741	0.33	cps
Bismuth	209-2	8522878	8505949	8481483	8503437	0.24	cps
Boron	10-1	592	642	733	656	10.96	cps
Boron	11-1	2950	3067	3067	3028	2.22	cps
Cadmium	111-1	3637	3906	3786	3776	3.57	cps
Cadmium	106-1	5168	5568	5410	5382	3.74	cps
Cadmium	108-1	8	13	25	15	56.79	cps
Calcium	43-1	183	158	242	194	21.99	cps
Calcium	44-1	6402	6335	6377	6371	0.53	cps
Chromium	52-2	1317	1307	1373	1332	2.70	cps
Cobalt	59-2	133	137	147	139	4.99	cps
Copper	63-2	383	347	370	367	5.06	cps
Dysprosium	156-1	25	17	0	14	91.65	cps
Dysprosium	156-2	3	10	3	6	69.34	cps
Erbium	164-1	67	75	58	67	12.49	cps
Erbium	164-2	23	13	47	28	61.59	cps
Gadolinium	160-1	42	50	117	69	59.19	cps
Gadolinium	160-2	297	317	317	310	3.73	cps
Holmium	165-1	20876233	20812137	20828979	20839116	0.16	cps
Holmium	165-2	11148654	11082182	11075793	11102209	0.36	cps
Indium	115-1	16379604	16409046	16445298	16411316	0.20	cps
Indium	115-2	3212623	3213421	3219068	3215038	0.11	cps
Iron	56-2	5073	4845	4873	4931	2.52	cps
Iron	57-2	172	167	161	167	3.33	cps
Krypton	83-1	463	380	403	416	10.35	cps
Lead	206-1	1245	1072	1033	1117	10.06	cps
Lead	207-1	1028	961	933	974	4.98	cps
Lead	208-1	4584	4234	4178	4332	5.08	cps
Lithium	6-1	7374214	7320841	7274802	7323285	0.68	cps
Magnesium	24-2	158	242	183	194	21.99	cps

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 15:24:45	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	73	117	73	88	28.50	cps
Molybdenum	94-1	392	325	425	381	13.38	cps
Molybdenum	95-1	17	92	75	61	64.44	cps
Molybdenum	96-1	192	158	292	214	32.44	cps
Molybdenum	97-1	67	33	33	44	43.30	cps
Molybdenum	98-1	133	133	100	122	15.75	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	43	70	93	69	36.32	cps
Phosphorus	31-2	208	150	133	164	24.03	cps
Potassium	39-2	16685	16568	17102	16785	1.67	cps
Rhodium	103-1	15120732	15084543	15105978	15103751	0.12	cps
Rhodium	103-2	7130566	7147802	7105082	7127816	0.30	cps
Scandium	45-1	11468285	11374399	11545369	11462684	0.75	cps
Scandium	45-2	496074	500340	497113	497842	0.45	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	65	89	89	81	17.18	cps
Selenium	82-1	-13	95	42	42	129.72	cps
Silicon	28-1	288498	284458	286935	286630	0.71	cps
Silver	109-1	50	83	58	64	27.15	cps
Silver	107-1	133	167	117	139	18.33	cps
Sodium	23-2	10671	10612	11113	10799	2.53	cps
Strontium	86-1	683	642	775	700	9.75	cps
Strontium	88-1	150	158	150	153	3.15	cps
Sulfur	34-1	314581	315820	316923	315775	0.37	cps
Terbium	159-1	21288931	21255072	21416162	21320055	0.40	cps
Terbium	159-2	10929974	10925877	10839277	10898376	0.47	cps
Thallium	203-1	275	217	317	269	18.64	cps
Thallium	205-1	708	725	700	711	1.79	cps
Thorium	232-1	233	261	228	241	7.42	cps
Tin	118-1	992	1017	933	981	4.36	cps
Titanium	47-1	75	125	100	100	25.00	cps
Uranium	238-1	83	83	50	72	26.65	cps
Vanadium	51-2	3	3	10	6	69.34	cps
Yttrium	89-1	17019924	16977483	16971680	16989695	0.16	cps
Yttrium	89-2	2392115	2408360	2395666	2398714	0.36	cps

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 15:24:45	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	477	447	460	461	3.26	cps
Zirconium	90-1	975	892	1150	1006	13.11	cps
Zirconium	91-1	158	208	217	194	16.23	cps

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 15:33:08	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3784	3851	3717	3784	1.76	cps
Antimony	121-1	26994	26685	26801	26827	0.58	cps
Arsenic	75-2	467	448	520	478	7.84	cps
Barium	135-1	35480	35847	35914	35747	0.65	cps
Barium	137-1	63730	62709	62400	62946	1.11	cps
Beryllium	9-1	5112	5073	4779	4988	3.66	cps
Bismuth	209-1	14518323	14439380	14395208	14450970	0.43	cps
Bismuth	209-2	8409108	8354372	8368506	8377329	0.34	cps
Boron	10-1	21341	22601	22684	22209	3.39	cps
Boron	11-1	98219	101659	102035	100638	2.09	cps
Cadmium	111-1	8210	7930	7983	8041	1.85	cps
Cadmium	106-1	6118	5826	5943	5963	2.46	cps
Cadmium	108-1	338	308	242	296	16.61	cps
Calcium	43-1	25857	26842	26233	26310	1.89	cps
Calcium	44-1	420939	427433	422767	423713	0.79	cps
Chromium	52-2	10297	10537	10631	10488	1.64	cps
Cobalt	59-2	7902	7699	7559	7720	2.24	cps
Copper	63-2	10968	11355	11214	11179	1.75	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	50	92	50	64	37.66	cps
Erbium	164-2	40	33	30	34	14.78	cps
Gadolinium	160-1	83	25	58	56	52.68	cps
Gadolinium	160-2	287	293	333	304	8.29	cps
Holmium	165-1	20979010	20647633	20845184	20823942	0.80	cps
Holmium	165-2	10911631	10916863	10884359	10904284	0.16	cps
Indium	115-1	16374829	16383745	16550760	16436445	0.60	cps
Indium	115-2	3202438	3191803	3196764	3197002	0.17	cps
Iron	56-2	217453	220632	219391	219159	0.73	cps
Iron	57-2	5785	5918	5818	5840	1.19	cps
Krypton	83-1	547	473	413	478	13.98	cps
Lead	206-1	13435	13924	14052	13804	2.36	cps
Lead	207-1	12117	11989	11750	11952	1.56	cps
Lead	208-1	54150	54856	54923	54643	0.78	cps
Lithium	6-1	7370680	7335241	7331691	7345870	0.29	cps
Magnesium	24-2	217455	220872	221776	220034	1.04	cps

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 15:33:08	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3024	3100	3060	3061	1.25	cps
Molybdenum	94-1	29314	29673	30124	29704	1.37	cps
Molybdenum	95-1	36155	36940	37458	36851	1.78	cps
Molybdenum	96-1	41286	40926	41486	41233	0.69	cps
Molybdenum	97-1	23654	23812	23228	23565	1.28	cps
Molybdenum	98-1	59902	58547	58655	59034	1.28	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	2200	1967	2307	2158	8.06	cps
Phosphorus	31-2	617	625	658	633	3.48	cps
Potassium	39-2	198974	196305	193993	196424	1.27	cps
Rhodium	103-1	15087077	14927116	15035850	15016681	0.54	cps
Rhodium	103-2	7146635	7105421	7106363	7119473	0.33	cps
Scandium	45-1	11398426	11391832	11405149	11398469	0.06	cps
Scandium	45-2	492653	491653	488155	490820	0.48	cps
Selenium	77-2	87	60	60	69	22.35	cps
Selenium	78-2	339	333	339	337	0.95	cps
Selenium	82-1	1528	1619	1697	1615	5.24	cps
Silicon	28-1	399990	405090	404772	403284	0.71	cps
Silver	109-1	19239	19606	19648	19497	1.15	cps
Silver	107-1	19773	20190	20800	20254	2.55	cps
Sodium	23-2	406912	409649	408399	408320	0.34	cps
Strontium	86-1	5335	5159	5785	5426	5.94	cps
Strontium	88-1	42815	42906	41002	42241	2.54	cps
Sulfur	34-1	329651	326369	322453	326158	1.10	cps
Terbium	159-1	21272289	21144873	21108248	21175137	0.41	cps
Terbium	159-2	10666297	10660391	10673309	10666665	0.06	cps
Thallium	203-1	15334	15460	15685	15493	1.15	cps
Thallium	205-1	37471	37696	37270	37479	0.57	cps
Thorium	232-1	52807	52020	52366	52398	0.75	cps
Tin	118-1	66717	66022	66843	66527	0.66	cps
Titanium	47-1	12322	11355	11955	11877	4.11	cps
Uranium	238-1	51445	50215	51753	51138	1.59	cps
Vanadium	51-2	19526	19723	19637	19629	0.50	cps
Yttrium	89-1	17001775	16941891	16934580	16959415	0.22	cps
Yttrium	89-2	2376602	2381483	2369746	2375944	0.25	cps

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 15:33:08	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2097	2190	2127	2138	2.23	cps
Zirconium	90-1	25515	26008	25532	25685	1.09	cps
Zirconium	91-1	5468	5426	5760	5551	3.27	cps

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 15:37:02	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	190489	188102	184593	187728	1.58	cps
Antimony	121-1	711013	708961	710358	710111	0.15	cps
Arsenic	75-2	24272	24306	24146	24241	0.35	cps
Barium	135-1	941502	947761	933224	940829	0.78	cps
Barium	137-1	1667715	1669010	1633773	1656833	1.21	cps
Beryllium	9-1	260238	256636	254809	257228	1.07	cps
Bismuth	209-1	14478445	14450093	14403967	14444168	0.26	cps
Bismuth	209-2	7821499	8006734	8017718	7948650	1.39	cps
Boron	10-1	47116	48621	49298	48345	2.31	cps
Boron	11-1	214131	217449	215943	215841	0.77	cps
Cadmium	111-1	223955	224501	222276	223577	0.52	cps
Cadmium	106-1	28722	28939	29306	28989	1.02	cps
Cadmium	108-1	16856	16034	16681	16524	2.62	cps
Calcium	43-1	279182	274443	271670	275098	1.38	cps
Calcium	44-1	4419249	4440587	4427897	4429245	0.24	cps
Chromium	52-2	239242	234785	234833	236287	1.08	cps
Cobalt	59-2	388364	383438	380923	384241	0.99	cps
Copper	63-2	546434	539324	537115	540957	0.90	cps
Dysprosium	156-1	17	25	17	19	24.73	cps
Dysprosium	156-2	23	17	23	21	18.21	cps
Erbium	164-1	75	42	33	50	44.10	cps
Erbium	164-2	23	40	33	32	26.04	cps
Gadolinium	160-1	50	117	83	83	40.00	cps
Gadolinium	160-2	293	307	330	310	5.99	cps
Holmium	165-1	20815334	20849268	20718231	20794278	0.33	cps
Holmium	165-2	10270559	10457615	10511358	10413177	1.21	cps
Indium	115-1	16228932	16172401	16146315	16182550	0.26	cps
Indium	115-2	2968870	3019954	3045904	3011576	1.30	cps
Iron	56-2	10339695	10194521	10104814	10213010	1.16	cps
Iron	57-2	255866	252507	250781	253051	1.02	cps
Krypton	83-1	420	433	400	418	4.02	cps
Lead	206-1	690966	692170	689530	690889	0.19	cps
Lead	207-1	622398	631491	615331	623074	1.30	cps
Lead	208-1	2796716	2822391	2791084	2803397	0.60	cps
Lithium	6-1	7308127	7234705	7257967	7266933	0.52	cps
Magnesium	24-2	2282032	2263674	2278606	2274771	0.43	cps

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 15:37:02	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	297852	289919	290974	292915	1.47	cps
Molybdenum	94-1	1552420	1541828	1529772	1541340	0.74	cps
Molybdenum	95-1	1894856	1890762	1877474	1887697	0.48	cps
Molybdenum	96-1	2091649	2071681	2074672	2079334	0.52	cps
Molybdenum	97-1	1173748	1163072	1165067	1167296	0.49	cps
Molybdenum	98-1	3029976	3014470	3013341	3019262	0.31	cps
Neodymium	150-1	60	47	40	49	20.83	cps
Neodymium	150-2	3	7	13	8	65.47	cps
Nickel	60-2	102217	100588	100424	101076	0.98	cps
Phosphorus	31-2	9954	10087	9645	9895	2.29	cps
Potassium	39-2	932604	928805	919369	926926	0.74	cps
Rhodium	103-1	14663571	14461126	14569076	14564591	0.70	cps
Rhodium	103-2	6437560	6590134	6650138	6559277	1.67	cps
Scandium	45-1	11116173	11133209	11094003	11114462	0.18	cps
Scandium	45-2	445717	458225	458661	454201	1.62	cps
Selenium	77-2	743	697	620	687	9.07	cps
Selenium	78-2	2534	2497	2365	2465	3.59	cps
Selenium	82-1	17035	16985	16768	16929	0.84	cps
Silicon	28-1	980481	977693	978317	978830	0.15	cps
Silver	109-1	1030131	1028616	1028715	1029154	0.08	cps
Silver	107-1	1065672	1061187	1065974	1064278	0.25	cps
Sodium	23-2	4082952	4073842	4064781	4073858	0.22	cps
Strontium	86-1	260574	262993	259878	261148	0.63	cps
Strontium	88-1	2273795	2264802	2246474	2261690	0.62	cps
Sulfur	34-1	414821	412006	408741	411856	0.74	cps
Terbium	159-1	21203792	21177390	21301396	21227526	0.31	cps
Terbium	159-2	10042014	10224360	10198225	10154867	0.97	cps
Thallium	203-1	836492	840373	833789	836885	0.40	cps
Thallium	205-1	1992581	2013174	2012269	2006008	0.58	cps
Thorium	232-1	2932199	2943781	2921820	2932600	0.37	cps
Tin	118-1	687016	678025	682322	682454	0.66	cps
Titanium	47-1	595663	591586	591134	592794	0.42	cps
Uranium	238-1	2815823	2834808	2814334	2821655	0.40	cps
Vanadium	51-2	188233	186104	185551	186629	0.76	cps
Yttrium	89-1	16672509	16559940	16597576	16610008	0.35	cps
Yttrium	89-2	2188641	2241807	2260196	2230215	1.67	cps

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 15:37:02	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	85834	84540	85870	85415	0.89	cps
Zirconium	90-1	1296803	1279211	1284475	1286830	0.70	cps
Zirconium	91-1	288619	285833	285632	286694	0.58	cps

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 15:41:10	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	428553	423860	421468	424627	0.85	cps
Antimony	121-1	1716070	1720495	1716003	1717522	0.15	cps
Arsenic	75-2	55951	55823	54916	55564	1.02	cps
Barium	135-1	2279268	2281309	2253989	2271522	0.67	cps
Barium	137-1	3989206	4024836	3981614	3998552	0.58	cps
Beryllium	9-1	609554	597484	594820	600619	1.31	cps
Bismuth	209-1	13843308	13926898	13878671	13882959	0.30	cps
Bismuth	209-2	7746853	7675789	7648638	7690427	0.66	cps
Boron	10-1	110101	114633	115924	113552	2.69	cps
Boron	11-1	497933	503399	513589	504974	1.57	cps
Cadmium	111-1	532612	524501	519957	525690	1.22	cps
Cadmium	106-1	60873	60739	60104	60572	0.68	cps
Cadmium	108-1	38519	39221	39296	39012	1.10	cps
Calcium	43-1	646804	647010	641626	645147	0.47	cps
Calcium	44-1	10462866	10328318	10222495	10337893	1.17	cps
Chromium	52-2	539106	534442	533782	535777	0.54	cps
Cobalt	59-2	878086	879878	868114	875359	0.72	cps
Copper	63-2	1231036	1227278	1216215	1224843	0.63	cps
Dysprosium	156-1	92	33	8	44	96.23	cps
Dysprosium	156-2	40	30	47	39	21.57	cps
Erbium	164-1	67	67	50	61	15.75	cps
Erbium	164-2	37	33	33	34	5.60	cps
Gadolinium	160-1	92	108	100	100	8.33	cps
Gadolinium	160-2	267	283	293	281	4.79	cps
Holmium	165-1	20003885	20268657	19984148	20085563	0.79	cps
Holmium	165-2	10128678	10098736	10047129	10091515	0.41	cps
Indium	115-1	15255789	15160290	14902654	15106245	1.21	cps
Indium	115-2	2810557	2813483	2808179	2810739	0.09	cps
Iron	56-2	23799122	23554132	23312242	23555165	1.03	cps
Iron	57-2	585576	581343	577607	581509	0.69	cps
Krypton	83-1	397	340	397	378	8.66	cps
Lead	206-1	1688489	1715645	1715829	1706654	0.92	cps
Lead	207-1	1536300	1551800	1557026	1548375	0.70	cps
Lead	208-1	6878411	6961815	6946576	6928934	0.64	cps
Lithium	6-1	6921962	6876578	6817544	6872028	0.76	cps
Magnesium	24-2	5217075	5182246	5138133	5179152	0.76	cps

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 15:41:10	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	681645	672348	666613	673535	1.13	cps
Molybdenum	94-1	3679646	3679398	3616922	3658656	0.99	cps
Molybdenum	95-1	4537029	4485810	4444901	4489247	1.03	cps
Molybdenum	96-1	4983029	4968548	4936944	4962840	0.47	cps
Molybdenum	97-1	2808382	2791245	2755824	2785150	0.96	cps
Molybdenum	98-1	7121502	7024663	6972703	7039622	1.07	cps
Neodymium	150-1	187	167	173	176	5.80	cps
Neodymium	150-2	37	3	17	19	88.83	cps
Nickel	60-2	228640	227151	228417	228069	0.35	cps
Phosphorus	31-2	22084	21583	22226	21964	1.54	cps
Potassium	39-2	2094665	2077612	2060588	2077622	0.82	cps
Rhodium	103-1	13470637	13414356	13234586	13373193	0.92	cps
Rhodium	103-2	6073023	6058672	6028162	6053286	0.38	cps
Scandium	45-1	10398546	10260237	10095734	10251506	1.48	cps
Scandium	45-2	420643	412090	414500	415745	1.06	cps
Selenium	77-2	1550	1540	1613	1568	2.54	cps
Selenium	78-2	5627	5423	5470	5507	1.94	cps
Selenium	82-1	39730	39682	39048	39487	0.96	cps
Silicon	28-1	1773886	1759470	1747357	1760238	0.75	cps
Silver	109-1	2445215	2423861	2411891	2426989	0.70	cps
Silver	107-1	2498623	2496041	2485673	2493446	0.27	cps
Sodium	23-2	9428346	9299947	9301602	9343298	0.79	cps
Strontium	86-1	622183	618150	612083	617472	0.82	cps
Strontium	88-1	5434580	5351195	5292756	5359510	1.33	cps
Sulfur	34-1	519223	505029	502961	509071	1.74	cps
Terbium	159-1	20302441	20336368	20115173	20251328	0.59	cps
Terbium	159-2	9803757	9768812	9737407	9769992	0.34	cps
Thallium	203-1	2054500	2078676	2071303	2068159	0.60	cps
Thallium	205-1	4960761	5001648	5014969	4992459	0.57	cps
Thorium	232-1	7284395	7242570	7292409	7273124	0.37	cps
Tin	118-1	1647877	1642047	1625712	1638545	0.70	cps
Titanium	47-1	1403640	1379492	1371346	1384826	1.21	cps
Uranium	238-1	7048111	7009603	7049224	7035646	0.32	cps
Vanadium	51-2	428355	426442	425013	426604	0.39	cps
Yttrium	89-1	15595785	15460144	15325423	15460451	0.87	cps
Yttrium	89-2	2083079	2069248	2060403	2070910	0.55	cps

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 15:41:10	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	194166	193318	191240	192908	0.78	cps
Zirconium	90-1	3076560	3058675	3025820	3053685	0.84	cps
Zirconium	91-1	683068	682990	674375	680144	0.73	cps

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 15:44:57	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	812344	806144	813222	810570	0.48	cps
Antimony	121-1	3193883	3230624	3237849	3220786	0.73	cps
Arsenic	75-2	104912	104725	105607	105081	0.44	cps
Barium	135-1	4274340	4290713	4306372	4290475	0.37	cps
Barium	137-1	7441580	7436582	7486082	7454748	0.37	cps
Beryllium	9-1	1102184	1098200	1091681	1097355	0.48	cps
Bismuth	209-1	13379889	13484656	13502277	13455608	0.49	cps
Bismuth	209-2	7397531	7461814	7498079	7452475	0.68	cps
Boron	10-1	204255	208970	209685	207636	1.42	cps
Boron	11-1	914466	932516	945565	930849	1.68	cps
Cadmium	111-1	960904	970885	975641	969143	0.78	cps
Cadmium	106-1	106229	107237	105072	106179	1.02	cps
Cadmium	108-1	71643	72015	71324	71661	0.48	cps
Calcium	43-1	1188720	1195242	1185983	1189982	0.40	cps
Calcium	44-1	19051620	18870745	18946777	18956380	0.48	cps
Chromium	52-2	1014433	1011172	1005646	1010417	0.44	cps
Cobalt	59-2	1642662	1638840	1641899	1641134	0.12	cps
Copper	63-2	2275253	2288257	2285267	2282926	0.30	cps
Dysprosium	156-1	100	42	42	61	55.11	cps
Dysprosium	156-2	77	90	87	84	8.22	cps
Erbium	164-1	108	92	67	89	23.59	cps
Erbium	164-2	20	23	37	27	33.08	cps
Gadolinium	160-1	100	67	67	78	24.74	cps
Gadolinium	160-2	240	287	237	254	10.99	cps
Holmium	165-1	19450174	19564496	19614815	19543162	0.43	cps
Holmium	165-2	9855403	9940192	9946114	9913903	0.51	cps
Indium	115-1	14273942	14243309	14321724	14279658	0.28	cps
Indium	115-2	2705772	2707344	2722362	2711826	0.34	cps
Iron	56-2	44465422	44378700	44332476	44392199	0.15	cps
Iron	57-2	1099005	1094917	1097639	1097187	0.19	cps
Krypton	83-1	320	340	327	329	3.10	cps
Lead	206-1	3219120	3268365	3286865	3258117	1.07	cps
Lead	207-1	2925242	2975171	2997398	2965937	1.25	cps
Lead	208-1	13124029	13184299	13270702	13193010	0.56	cps
Lithium	6-1	6477730	6475854	6424624	6459403	0.47	cps
Magnesium	24-2	9837705	9807647	9825858	9823737	0.15	cps

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 15:44:57	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1266472	1266629	1266968	1266690	0.02	cps
Molybdenum	94-1	6728149	6707152	6665873	6700391	0.47	cps
Molybdenum	95-1	8286730	8294512	8139015	8240086	1.06	cps
Molybdenum	96-1	9134143	9141268	9048740	9108050	0.57	cps
Molybdenum	97-1	5146927	5159479	5181282	5162563	0.34	cps
Molybdenum	98-1	13260969	13151665	13174703	13195779	0.44	cps
Neodymium	150-1	333	267	327	309	11.89	cps
Neodymium	150-2	30	27	13	23	37.81	cps
Nickel	60-2	424457	425302	423952	424570	0.16	cps
Phosphorus	31-2	41876	41701	41960	41846	0.32	cps
Potassium	39-2	3934489	3920021	3935940	3930150	0.22	cps
Rhodium	103-1	12431701	12385851	12369930	12395827	0.26	cps
Rhodium	103-2	5736193	5800510	5821513	5786072	0.77	cps
Scandium	45-1	9557382	9411719	9504704	9491269	0.78	cps
Scandium	45-2	399419	397839	397337	398198	0.27	cps
Selenium	77-2	3144	2947	3037	3043	3.24	cps
Selenium	78-2	10424	10174	10476	10358	1.56	cps
Selenium	82-1	72211	73689	72869	72923	1.02	cps
Silicon	28-1	2973866	2995724	2964081	2977891	0.54	cps
Silver	109-1	4426306	4440612	4443677	4436865	0.21	cps
Silver	107-1	4561769	4614968	4610070	4595602	0.64	cps
Sodium	23-2	17739463	17721667	17831435	17764188	0.33	cps
Strontium	86-1	1147289	1161231	1147676	1152066	0.69	cps
Strontium	88-1	9949176	9968557	9924909	9947547	0.22	cps
Sulfur	34-1	679730	677979	666619	674776	1.05	cps
Terbium	159-1	19701466	19776467	19918056	19798663	0.56	cps
Terbium	159-2	9568967	9591518	9604442	9588309	0.19	cps
Thallium	203-1	3953923	4045404	4048584	4015970	1.34	cps
Thallium	205-1	9429119	9503247	9519701	9484022	0.51	cps
Thorium	232-1	14319655	14391351	14421692	14377566	0.36	cps
Tin	118-1	3061817	3089648	3079748	3077071	0.46	cps
Titanium	47-1	2560981	2515207	2517817	2531335	1.02	cps
Uranium	238-1	13987950	13886117	13902018	13925362	0.39	cps
Vanadium	51-2	804958	812909	811937	809935	0.54	cps
Yttrium	89-1	14655553	14619199	14610516	14628423	0.16	cps
Yttrium	89-2	1985015	1999880	1991463	1992119	0.37	cps

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 15:44:57	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	361934	364532	359865	362110	0.65	cps
Zirconium	90-1	5678129	5659470	5667512	5668370	0.17	cps
Zirconium	91-1	1265380	1267492	1276942	1269938	0.48	cps

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 15:48:42	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1593848	1606127	1586365	1595447	0.63	cps
Antimony	121-1	6233677	6310403	6288492	6277524	0.63	cps
Arsenic	75-2	205888	206819	204940	205882	0.46	cps
Barium	135-1	8393792	8488219	8487765	8456592	0.64	cps
Barium	137-1	14694692	14862775	14776668	14778045	0.57	cps
Beryllium	9-1	2085315	2103985	2103554	2097618	0.51	cps
Bismuth	209-1	13225529	13377105	13306494	13303042	0.57	cps
Bismuth	209-2	7253873	7286647	7273691	7271404	0.23	cps
Boron	10-1	400058	404514	413708	406093	1.71	cps
Boron	11-1	1784076	1823546	1856150	1821258	1.98	cps
Cadmium	111-1	1867938	1900766	1910495	1893066	1.18	cps
Cadmium	106-1	204243	206314	206998	205852	0.70	cps
Cadmium	108-1	139284	140925	142886	141032	1.28	cps
Calcium	43-1	2329781	2319893	2354341	2334672	0.76	cps
Calcium	44-1	37592505	36993985	37641038	37409176	0.96	cps
Chromium	52-2	1987096	1998907	1991825	1992609	0.30	cps
Cobalt	59-2	3209558	3226635	3205953	3214049	0.34	cps
Copper	63-2	4378320	4440759	4400013	4406364	0.72	cps
Dysprosium	156-1	167	92	142	133	28.64	cps
Dysprosium	156-2	140	133	133	136	2.84	cps
Erbium	164-1	42	108	58	69	49.96	cps
Erbium	164-2	50	37	47	44	15.61	cps
Gadolinium	160-1	133	58	75	89	44.30	cps
Gadolinium	160-2	267	270	277	271	1.88	cps
Holmium	165-1	19647908	19756333	19655842	19686694	0.31	cps
Holmium	165-2	9901398	9952802	9858176	9904125	0.48	cps
Indium	115-1	13968700	14132105	14127168	14075991	0.66	cps
Indium	115-2	2640226	2681387	2663021	2661545	0.77	cps
Iron	56-2	87826605	87536952	87268513	87544023	0.32	cps
Iron	57-2	2149349	2164330	2161741	2158473	0.37	cps
Krypton	83-1	360	317	387	354	9.97	cps
Lead	206-1	6367783	6478655	6480798	6442412	1.00	cps
Lead	207-1	5803096	5878135	5889520	5856917	0.80	cps
Lead	208-1	25960927	26193437	26226024	26126796	0.55	cps
Lithium	6-1	6365783	6368389	6330943	6355039	0.33	cps
Magnesium	24-2	19349138	19451080	19264048	19354755	0.48	cps

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 15:48:42	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2503354	2508639	2518338	2510111	0.30	cps
Molybdenum	94-1	13343473	13332440	13326944	13334286	0.06	cps
Molybdenum	95-1	16326429	16330488	16330849	16329256	0.02	cps
Molybdenum	96-1	18030176	18070030	18130812	18077006	0.28	cps
Molybdenum	97-1	10144399	10171521	10183302	10166407	0.20	cps
Molybdenum	98-1	26152625	26128338	26301889	26194284	0.36	cps
Neodymium	150-1	553	627	633	604	7.34	cps
Neodymium	150-2	70	57	70	66	11.74	cps
Nickel	60-2	824744	823981	817635	822120	0.47	cps
Phosphorus	31-2	81406	82780	84163	82783	1.67	cps
Potassium	39-2	7699306	7706802	7699092	7701733	0.06	cps
Rhodium	103-1	12077753	12140212	12145442	12121136	0.31	cps
Rhodium	103-2	5622966	5667355	5650223	5646848	0.40	cps
Scandium	45-1	9431066	9371173	9413070	9405103	0.33	cps
Scandium	45-2	391208	394388	393510	393036	0.42	cps
Selenium	77-2	5748	5995	6045	5929	2.68	cps
Selenium	78-2	19956	20238	20155	20116	0.72	cps
Selenium	82-1	139461	141168	141232	140620	0.71	cps
Silicon	28-1	5183151	5171509	5237132	5197264	0.67	cps
Silver	109-1	8531451	8602221	8599342	8577671	0.47	cps
Silver	107-1	8922133	8875921	8848849	8882301	0.42	cps
Sodium	23-2	35026247	35245467	35152515	35141410	0.31	cps
Strontium	86-1	2246397	2278867	2288285	2271183	0.97	cps
Strontium	88-1	19578078	19622235	19620404	19606906	0.13	cps
Sulfur	34-1	1087668	1087477	1106068	1093738	0.98	cps
Terbium	159-1	19802500	20055015	19947989	19935168	0.64	cps
Terbium	159-2	9623117	9683318	9535287	9613907	0.77	cps
Thallium	203-1	7844457	7905320	7900981	7883586	0.43	cps
Thallium	205-1	18686510	18911702	18802672	18800295	0.60	cps
Thorium	232-1	28734925	28980277	29215495	28976899	0.83	cps
Tin	118-1	5910350	6012896	6035878	5986374	1.12	cps
Titanium	47-1	4972834	4949182	4948354	4956790	0.28	cps
Uranium	238-1	27953677	28012834	28442347	28136286	0.95	cps
Vanadium	51-2	1596400	1609485	1602920	1602935	0.41	cps
Yttrium	89-1	14493941	14586574	14553645	14544720	0.32	cps
Yttrium	89-2	1961416	1994860	1983720	1979999	0.86	cps

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 15:48:42	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	690351	698977	697634	695654	0.67	cps
Zirconium	90-1	11150663	11281782	11233795	11222080	0.59	cps
Zirconium	91-1	2505465	2529016	2517067	2517182	0.47	cps

LB Number : LB99940 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-19 15:52:25 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3222841	3244294	3281420	3249518	0.91	cps
Antimony	121-1	12340919	12512880	12511814	12455204	0.79	cps
Arsenic	75-2	404308	405828	410211	406782	0.75	cps
Barium	135-1	16797867	16997312	17069619	16954933	0.83	cps
Barium	137-1	29311644	29712333	29884317	29636098	0.99	cps
Beryllium	9-1	4036771	4072432	4113234	4074146	0.94	cps
Bismuth	209-1	12754302	12882309	12938977	12858529	0.74	cps
Bismuth	209-2	7015347	6992739	7013743	7007276	0.18	cps
Boron	10-1	781134	805138	833208	806493	3.23	cps
Boron	11-1	3524616	3629590	3726603	3626937	2.79	cps
Cadmium	111-1	3689590	3726870	3806035	3740832	1.59	cps
Cadmium	106-1	399609	405433	410364	405136	1.33	cps
Cadmium	108-1	276439	278569	283668	279559	1.33	cps
Calcium	43-1	4595620	4619643	4663042	4626102	0.74	cps
Calcium	44-1	73742964	74495143	74943375	74393827	0.82	cps
Chromium	52-2	3985659	4013818	4018678	4006052	0.45	cps
Cobalt	59-2	6278165	6326117	6311401	6305227	0.39	cps
Copper	63-2	8750915	8732639	8734815	8739456	0.11	cps
Dysprosium	156-1	217	233	275	242	12.43	cps
Dysprosium	156-2	293	297	283	291	2.38	cps
Erbium	164-1	75	83	117	92	24.05	cps
Erbium	164-2	53	47	57	52	9.75	cps
Gadolinium	160-1	108	142	83	111	26.34	cps
Gadolinium	160-2	337	307	267	303	11.58	cps
Holmium	165-1	19394714	19692303	19710161	19599059	0.90	cps
Holmium	165-2	9885262	9950533	9926981	9920925	0.33	cps
Indium	115-1	13561935	13712208	13731800	13668648	0.68	cps
Indium	115-2	2580126	2607754	2617065	2601648	0.74	cps
Iron	56-2	174780348	175639609	175265743	175228567	0.25	cps
Iron	57-2	4302585	4330684	4331941	4321737	0.38	cps
Krypton	83-1	340	430	410	393	12.01	cps
Lead	206-1	12638895	12670503	12744307	12684568	0.43	cps
Lead	207-1	11470892	11530022	11560425	11520446	0.40	cps
Lead	208-1	51320804	51397632	51825173	51514537	0.53	cps
Lithium	6-1	6123597	6267108	6279586	6223430	1.39	cps
Magnesium	24-2	38643358	38871222	38869325	38794635	0.34	cps

LB Number : LB99940 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-19 15:52:25 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5015158	5058112	5063918	5045730	0.53	cps
Molybdenum	94-1	26543391	26776629	26957197	26759072	0.78	cps
Molybdenum	95-1	32655262	33073123	32915754	32881380	0.64	cps
Molybdenum	96-1	35952907	36292750	36562113	36269257	0.84	cps
Molybdenum	97-1	20317471	20351377	20576458	20415102	0.69	cps
Molybdenum	98-1	52409958	52445174	52726289	52527140	0.33	cps
Neodymium	150-1	1200	1120	1273	1198	6.40	cps
Neodymium	150-2	93	143	123	120	20.97	cps
Nickel	60-2	1612911	1626748	1631879	1623846	0.60	cps
Phosphorus	31-2	165114	166341	167068	166174	0.59	cps
Potassium	39-2	15471820	15510279	15591694	15524598	0.39	cps
Rhodium	103-1	11631051	11740404	11727061	11699505	0.51	cps
Rhodium	103-2	5427737	5522542	5509921	5486733	0.94	cps
Scandium	45-1	9207342	9314312	9312663	9278106	0.66	cps
Scandium	45-2	396689	399585	403059	399778	0.80	cps
Selenium	77-2	11395	11491	11982	11623	2.71	cps
Selenium	78-2	38692	39389	39286	39122	0.96	cps
Selenium	82-1	266504	270473	271874	269617	1.03	cps
Silicon	28-1	9401619	9413105	9548914	9454546	0.87	cps
Silver	109-1	16719653	16743520	16926610	16796594	0.67	cps
Silver	107-1	17190808	17542492	17573039	17435447	1.22	cps
Sodium	23-2	70882325	71202887	71645510	71243574	0.54	cps
Strontium	86-1	4493533	4568853	4623317	4561901	1.43	cps
Strontium	88-1	39318909	39505906	39533620	39452812	0.30	cps
Sulfur	34-1	1931347	1922388	1947689	1933808	0.66	cps
Terbium	159-1	19646110	19739408	19802286	19729268	0.40	cps
Terbium	159-2	9519082	9550429	9566986	9545499	0.25	cps
Thallium	203-1	15552617	15797350	15826862	15725610	0.96	cps
Thallium	205-1	37226784	37593029	37648562	37489458	0.61	cps
Thorium	232-1	58525592	58617510	59348028	58830376	0.77	cps
Tin	118-1	11812553	11880814	12025704	11906357	0.91	cps
Titanium	47-1	9897082	9957345	10020206	9958211	0.62	cps
Uranium	238-1	56118612	56626711	57035403	56593575	0.81	cps
Vanadium	51-2	3252067	3261527	3274454	3262683	0.34	cps
Yttrium	89-1	14265123	14325894	14425366	14338794	0.56	cps
Yttrium	89-2	1975498	1993297	1990395	1986397	0.48	cps

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 15:52:25	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1349964	1360883	1362325	1357724	0.50	cps
Zirconium	90-1	22263700	22467374	22542921	22424665	0.64	cps
Zirconium	91-1	4957492	5033066	5067033	5019197	1.12	cps

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 15:56:11	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16563978	16657853	16819768	16680533	0.78	cps
Antimony	121-1	12723	12806	12965	12831	0.96	cps
Arsenic	75-2	489	532	572	531	7.85	cps
Barium	135-1	2234	2100	2484	2273	8.56	cps
Barium	137-1	4218	4284	3876	4126	5.31	cps
Beryllium	9-1	522	456	467	482	7.42	cps
Bismuth	209-1	10956523	10926455	10972338	10951772	0.21	cps
Bismuth	209-2	5759252	5867472	5852323	5826349	1.01	cps
Boron	10-1	29889	28837	25197	27974	8.80	cps
Boron	11-1	137907	126133	114551	126197	9.25	cps
Cadmium	111-1	3563	3573	3895	3677	5.13	cps
Cadmium	106-1	4476	4651	5043	4723	6.15	cps
Cadmium	108-1	58	58	50	56	8.66	cps
Calcium	43-1	22893668	23057593	23151503	23034255	0.57	cps
Calcium	44-1	366081542	367596400	371581383	368419775	0.77	cps
Chromium	52-2	59955	59918	59496	59790	0.43	cps
Cobalt	59-2	72749	74793	75536	74359	1.94	cps
Copper	63-2	10968	11311	11425	11234	2.12	cps
Dysprosium	156-1	142	150	175	156	11.15	cps
Dysprosium	156-2	47	70	60	59	19.88	cps
Erbium	164-1	108	142	125	125	13.33	cps
Erbium	164-2	30	23	47	33	36.07	cps
Gadolinium	160-1	192	142	225	186	22.54	cps
Gadolinium	160-2	310	280	310	300	5.77	cps
Holmium	165-1	18757333	19008398	19012557	18926096	0.77	cps
Holmium	165-2	9451520	9481286	9462275	9465027	0.16	cps
Indium	115-1	12971012	13163762	13143310	13092695	0.81	cps
Indium	115-2	2484957	2508967	2544397	2512774	1.19	cps
Iron	56-2	826996930	834784774	839072285	833617996	0.73	cps
Iron	57-2	20249124	20370291	20551128	20390181	0.75	cps
Krypton	83-1	463	457	437	452	3.07	cps
Lead	206-1	12918	13312	12490	12907	3.19	cps
Lead	207-1	10710	10538	10805	10684	1.27	cps
Lead	208-1	50283	49503	49515	49767	0.90	cps
Lithium	6-1	5613349	5714022	5719487	5682286	1.05	cps
Magnesium	24-2	182661825	184988754	186405525	184685368	1.02	cps

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 15:56:11	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	27793	28037	27840	27890	0.46	cps
Molybdenum	94-1	19189	18312	18454	18652	2.52	cps
Molybdenum	95-1	29448	28070	26951	28156	4.44	cps
Molybdenum	96-1	42163	40224	40735	41041	2.45	cps
Molybdenum	97-1	17019	16402	15684	16368	4.08	cps
Molybdenum	98-1	42088	40542	40183	40938	2.47	cps
Neodymium	150-1	287	253	320	287	11.63	cps
Neodymium	150-2	93	83	123	100	20.82	cps
Nickel	60-2	28732	28578	29507	28939	1.72	cps
Phosphorus	31-2	292	225	225	247	15.57	cps
Potassium	39-2	80106462	79532441	81504087	80380997	1.26	cps
Rhodium	103-1	10494542	10635498	10664244	10598095	0.86	cps
Rhodium	103-2	4871848	4893219	4931667	4898911	0.62	cps
Scandium	45-1	9091053	9159211	9260627	9170297	0.93	cps
Scandium	45-2	404848	404625	408555	406009	0.54	cps
Selenium	77-2	7	10	7	8	24.71	cps
Selenium	78-2	70	67	72	70	4.05	cps
Selenium	82-1	202	203	273	226	18.11	cps
Silicon	28-1	367126	363183	364600	364970	0.55	cps
Silver	109-1	1000	875	867	914	8.17	cps
Silver	107-1	1242	950	1000	1064	14.66	cps
Sodium	23-2	359912658	364038933	367713533	363888375	1.07	cps
Strontium	86-1	19764	19940	19864	19856	0.44	cps
Strontium	88-1	166328	164003	168108	166146	1.24	cps
Sulfur	34-1	253012	256870	258554	256145	1.11	cps
Terbium	159-1	19014387	18962922	19122968	19033426	0.43	cps
Terbium	159-2	9191845	9159552	9154399	9168598	0.22	cps
Thallium	203-1	2717	2284	2484	2495	8.70	cps
Thallium	205-1	6243	6610	5918	6257	5.53	cps
Thorium	232-1	8775	8181	7686	8214	6.64	cps
Tin	118-1	10112	9937	9645	9898	2.38	cps
Titanium	47-1	4001	4476	4426	4301	6.07	cps
Uranium	238-1	3292	3084	3367	3248	4.52	cps
Vanadium	51-2	507	550	517	524	4.33	cps
Yttrium	89-1	13833870	14035200	14056616	13975229	0.88	cps
Yttrium	89-2	1962175	1963145	1984609	1969977	0.64	cps

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 15:56:11	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	9747	9980	10057	9928	1.63	cps
Zirconium	90-1	9629	9570	9137	9445	2.85	cps
Zirconium	91-1	2034	2009	2050	2031	1.03	cps

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 16:07:38	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	102290	100789	101870	101650	0.76	cps
Antimony	121-1	2771669	2752335	2774441	2766148	0.44	cps
Arsenic	75-2	98005	97800	97343	97716	0.35	cps
Barium	135-1	370093	368446	372117	370219	0.50	cps
Barium	137-1	653819	649094	646421	649778	0.58	cps
Beryllium	9-1	496366	492475	488508	492450	0.80	cps
Bismuth	209-1	14512206	14611574	14458303	14527361	0.54	cps
Bismuth	209-2	8376417	8346718	8375635	8366256	0.20	cps
Boron	10-1	6310	6485	5751	6182	6.20	cps
Boron	11-1	28361	27960	26674	27665	3.18	cps
Cadmium	111-1	430846	430392	428610	429949	0.27	cps
Cadmium	106-1	42180	42339	42866	42462	0.85	cps
Cadmium	108-1	28546	28404	28441	28464	0.26	cps
Calcium	43-1	106925	108118	109789	108278	1.33	cps
Calcium	44-1	1744024	1734727	1734883	1737878	0.31	cps
Chromium	52-2	462368	462075	457964	460802	0.53	cps
Cobalt	59-2	772723	772185	775163	773357	0.21	cps
Copper	63-2	544281	545737	548511	546176	0.39	cps
Dysprosium	156-1	8	58	25	31	83.33	cps
Dysprosium	156-2	7	3	10	7	50.03	cps
Erbium	164-1	200	158	192	183	12.03	cps
Erbium	164-2	87	80	103	90	13.36	cps
Gadolinium	160-1	75	67	92	78	16.37	cps
Gadolinium	160-2	293	257	283	278	6.82	cps
Holmium	165-1	20667438	20687168	20577256	20643954	0.28	cps
Holmium	165-2	10921334	10935251	10931096	10929227	0.07	cps
Indium	115-1	16033324	15971775	16014173	16006424	0.20	cps
Indium	115-2	3163325	3179813	3168503	3170547	0.27	cps
Iron	56-2	4114020	4083881	4060236	4086046	0.66	cps
Iron	57-2	102337	102265	102684	102429	0.22	cps
Krypton	83-1	413	413	407	411	0.94	cps
Lead	206-1	2783892	2751317	2775890	2770366	0.61	cps
Lead	207-1	2444046	2438686	2430764	2437832	0.27	cps
Lead	208-1	11151690	11141950	11096612	11130084	0.26	cps
Lithium	6-1	7217871	7195651	7162488	7192003	0.39	cps
Magnesium	24-2	518603	515506	519847	517985	0.43	cps

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 16:07:38	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	287420	285686	286971	286692	0.31	cps
Molybdenum	94-1	708	642	842	731	13.94	cps
Molybdenum	95-1	433	550	467	483	12.43	cps
Molybdenum	96-1	858	800	817	825	3.64	cps
Molybdenum	97-1	250	350	250	283	20.38	cps
Molybdenum	98-1	825	783	617	742	14.86	cps
Neodymium	150-1	40	20	40	33	34.64	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	202183	202774	203041	202666	0.22	cps
Phosphorus	31-2	200	142	175	172	16.99	cps
Potassium	39-2	749589	740649	746570	745603	0.61	cps
Rhodium	103-1	14405091	14412938	14333234	14383755	0.31	cps
Rhodium	103-2	6935104	6928602	6927937	6930548	0.06	cps
Scandium	45-1	10989161	11038058	10890559	10972593	0.68	cps
Scandium	45-2	475582	474434	476050	475355	0.17	cps
Selenium	77-2	2857	2960	2737	2851	3.92	cps
Selenium	78-2	9787	9894	10185	9955	2.07	cps
Selenium	82-1	67283	66943	66671	66966	0.46	cps
Silicon	28-1	277854	277921	279780	278518	0.39	cps
Silver	109-1	2000742	2012355	1998200	2003765	0.38	cps
Silver	107-1	2091403	2061663	2058572	2070546	0.88	cps
Sodium	23-2	1637477	1632049	1640964	1636830	0.27	cps
Strontium	86-1	12890	12356	12898	12714	2.44	cps
Strontium	88-1	102195	101817	101281	101765	0.45	cps
Sulfur	34-1	288500	285042	279739	284427	1.55	cps
Terbium	159-1	21216841	21066518	21034629	21105996	0.46	cps
Terbium	159-2	10598384	10676907	10604991	10626761	0.41	cps
Thallium	203-1	3456904	3443774	3454080	3451586	0.20	cps
Thallium	205-1	8147448	8127062	8116850	8130453	0.19	cps
Thorium	232-1	1417	1372	1378	1389	1.74	cps
Tin	118-1	1175	1475	1333	1328	11.30	cps
Titanium	47-1	175	167	167	169	2.84	cps
Uranium	238-1	1475	1425	1433	1445	1.85	cps
Vanadium	51-2	372382	373497	369714	371864	0.52	cps
Yttrium	89-1	16408391	16387045	16390989	16395475	0.07	cps
Yttrium	89-2	2330841	2339842	2343881	2338188	0.29	cps

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 16:07:38	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	169521	170280	170458	170086	0.29	cps
Zirconium	90-1	1133	1333	1150	1206	9.21	cps
Zirconium	91-1	658	717	558	644	12.43	cps

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 16:14:24	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3559	3476	3484	3506	1.31	cps
Antimony	121-1	26083	26351	25633	26022	1.39	cps
Arsenic	75-2	437	430	446	438	1.91	cps
Barium	135-1	35571	34535	35371	35159	1.56	cps
Barium	137-1	60499	60817	60198	60505	0.51	cps
Beryllium	9-1	5140	4829	4501	4823	6.63	cps
Bismuth	209-1	14968365	14643005	14698086	14769819	1.18	cps
Bismuth	209-2	8392219	8091725	8235520	8239821	1.82	cps
Boron	10-1	23494	25531	24295	24440	4.20	cps
Boron	11-1	106432	111342	112441	110072	2.91	cps
Cadmium	111-1	7737	7656	7393	7595	2.37	cps
Cadmium	106-1	5826	5852	5435	5704	4.10	cps
Cadmium	108-1	346	267	350	321	14.63	cps
Calcium	43-1	25590	24220	24112	24641	3.34	cps
Calcium	44-1	404149	403600	402932	403560	0.15	cps
Chromium	52-2	10084	9863	9947	9965	1.12	cps
Cobalt	59-2	7379	7085	7479	7314	2.80	cps
Copper	63-2	10754	10481	10280	10505	2.26	cps
Dysprosium	156-1	8	42	8	19	99.00	cps
Dysprosium	156-2	3	7	13	8	65.47	cps
Erbium	164-1	75	67	58	67	12.49	cps
Erbium	164-2	10	27	27	21	45.58	cps
Gadolinium	160-1	92	100	100	97	4.95	cps
Gadolinium	160-2	243	290	297	277	10.50	cps
Holmium	165-1	21121673	20780117	20824961	20908917	0.89	cps
Holmium	165-2	10879276	10609969	10734861	10741368	1.25	cps
Indium	115-1	16431493	16144770	16325794	16300685	0.89	cps
Indium	115-2	3112397	3057844	3100519	3090254	0.93	cps
Iron	56-2	209092	210733	210595	210140	0.43	cps
Iron	57-2	5212	5018	5384	5205	3.53	cps
Krypton	83-1	413	390	457	420	8.05	cps
Lead	206-1	13513	13846	13846	13735	1.40	cps
Lead	207-1	12050	11900	11822	11924	0.97	cps
Lead	208-1	54645	54812	54495	54651	0.29	cps
Lithium	6-1	7258520	7198416	7258183	7238373	0.48	cps
Magnesium	24-2	209256	207238	207669	208054	0.51	cps

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 16:14:24	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2914	2974	3040	2976	2.13	cps
Molybdenum	94-1	28329	28897	29239	28822	1.60	cps
Molybdenum	95-1	36272	35420	35804	35832	1.19	cps
Molybdenum	96-1	39347	39297	39247	39297	0.13	cps
Molybdenum	97-1	22569	22936	22026	22510	2.03	cps
Molybdenum	98-1	56772	56982	56404	56719	0.52	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	2050	2174	1840	2021	8.34	cps
Phosphorus	31-2	717	533	583	611	15.51	cps
Potassium	39-2	185578	187985	187968	187177	0.74	cps
Rhodium	103-1	14873437	14581311	14727730	14727492	0.99	cps
Rhodium	103-2	7020038	6804348	6887635	6904007	1.58	cps
Scandium	45-1	11205158	11047974	11147903	11133678	0.71	cps
Scandium	45-2	473194	463341	467945	468160	1.05	cps
Selenium	77-2	73	70	73	72	2.66	cps
Selenium	78-2	311	306	309	309	0.92	cps
Selenium	82-1	1593	1597	1642	1611	1.71	cps
Silicon	28-1	372573	377000	371968	373847	0.73	cps
Silver	109-1	18655	18538	18263	18485	1.09	cps
Silver	107-1	19088	19114	19047	19083	0.18	cps
Sodium	23-2	393683	398071	399492	397082	0.76	cps
Strontium	86-1	5443	5234	4951	5209	4.74	cps
Strontium	88-1	40074	40566	39581	40074	1.23	cps
Sulfur	34-1	296366	296962	297779	297036	0.24	cps
Terbium	159-1	21415749	21103291	21457581	21325540	0.91	cps
Terbium	159-2	10749578	10302756	10431162	10494498	2.19	cps
Thallium	203-1	15860	16019	16035	15971	0.61	cps
Thallium	205-1	37395	37930	37120	37482	1.10	cps
Thorium	232-1	53147	52037	52706	52630	1.06	cps
Tin	118-1	64097	63820	63996	63971	0.22	cps
Titanium	47-1	11814	11847	11338	11666	2.44	cps
Uranium	238-1	49772	49931	49019	49574	0.98	cps
Vanadium	51-2	18265	18532	18605	18467	0.97	cps
Yttrium	89-1	16789064	16620764	16741743	16717190	0.52	cps
Yttrium	89-2	2307662	2244279	2288466	2280136	1.43	cps

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 16:14:24	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2057	1960	1977	1998	2.59	cps
Zirconium	90-1	23921	24213	24146	24093	0.63	cps
Zirconium	91-1	5318	5518	5576	5471	2.48	cps

LB Number : LB99940 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-19 16:18:00 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	67	33	58	37.80	cps
Antimony	121-1	392	492	425	436	11.68	cps
Arsenic	75-2	6	7	7	7	15.72	cps
Barium	135-1	33	75	92	67	45.07	cps
Barium	137-1	83	167	158	136	33.72	cps
Beryllium	9-1	228	194	156	193	18.77	cps
Bismuth	209-1	14531183	14504029	14680634	14571949	0.65	cps
Bismuth	209-2	8374334	8352555	8410900	8379263	0.35	cps
Boron	10-1	4593	4509	4926	4676	4.72	cps
Boron	11-1	20740	21491	20256	20829	2.99	cps
Cadmium	111-1	3911	3834	3833	3859	1.17	cps
Cadmium	106-1	5560	5460	5435	5485	1.21	cps
Cadmium	108-1	38	13	25	25	50.00	cps
Calcium	43-1	167	150	217	178	19.52	cps
Calcium	44-1	6018	5768	6469	6085	5.83	cps
Chromium	52-2	1320	1340	1220	1293	4.97	cps
Cobalt	59-2	160	157	147	154	4.49	cps
Copper	63-2	293	343	303	313	8.44	cps
Dysprosium	156-1	25	33	17	25	33.34	cps
Dysprosium	156-2	3	10	7	7	50.03	cps
Erbium	164-1	50	50	83	61	31.50	cps
Erbium	164-2	30	33	13	26	41.94	cps
Gadolinium	160-1	92	67	58	72	24.02	cps
Gadolinium	160-2	333	337	327	332	1.53	cps
Holmium	165-1	20586317	20602551	20750811	20646560	0.44	cps
Holmium	165-2	10899256	10868287	10853346	10873629	0.22	cps
Indium	115-1	16167942	16324866	16392647	16295152	0.71	cps
Indium	115-2	3114336	3127925	3159758	3134007	0.74	cps
Iron	56-2	4684	4962	5101	4916	4.32	cps
Iron	57-2	189	183	206	193	6.00	cps
Krypton	83-1	473	383	430	429	10.49	cps
Lead	206-1	1261	1178	1350	1263	6.82	cps
Lead	207-1	1050	1117	1122	1096	3.67	cps
Lead	208-1	4845	5139	5334	5106	4.82	cps
Lithium	6-1	7158608	7252223	7292156	7234329	0.95	cps
Magnesium	24-2	425	400	375	400	6.25	cps

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 16:18:00	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	110	93	100	101	8.29	cps
Molybdenum	94-1	483	467	483	478	2.01	cps
Molybdenum	95-1	142	258	225	208	28.85	cps
Molybdenum	96-1	300	250	417	322	26.54	cps
Molybdenum	97-1	167	92	92	117	37.12	cps
Molybdenum	98-1	367	283	233	294	22.88	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	97	57	70	74	27.36	cps
Phosphorus	31-2	158	125	117	133	16.54	cps
Potassium	39-2	16318	16243	17536	16699	4.35	cps
Rhodium	103-1	14600974	14614271	14798612	14671286	0.75	cps
Rhodium	103-2	7017260	7003107	7033447	7017938	0.22	cps
Scandium	45-1	11085264	11099519	11226592	11137125	0.70	cps
Scandium	45-2	477708	475366	475736	476270	0.26	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	76	67	70	71	6.57	cps
Selenium	82-1	-56	60	5	3	2075.85	cps
Silicon	28-1	273922	273168	276898	274663	0.72	cps
Silver	109-1	150	183	158	164	10.58	cps
Silver	107-1	242	200	225	222	9.44	cps
Sodium	23-2	17928	18170	17845	17981	0.94	cps
Strontium	86-1	842	600	633	692	18.94	cps
Strontium	88-1	242	258	250	250	3.33	cps
Sulfur	34-1	299531	298142	299105	298926	0.24	cps
Terbium	159-1	20951102	21045791	21262497	21086463	0.76	cps
Terbium	159-2	10667723	10602437	10611872	10627344	0.33	cps
Thallium	203-1	725	867	708	767	11.35	cps
Thallium	205-1	1809	1759	1867	1811	2.99	cps
Thorium	232-1	961	989	933	961	2.89	cps
Tin	118-1	1308	1125	1133	1189	8.71	cps
Titanium	47-1	200	125	175	167	22.91	cps
Uranium	238-1	100	133	125	119	14.53	cps
Vanadium	51-2	3	13	7	8	65.47	cps
Yttrium	89-1	16761665	16535418	16732401	16676495	0.74	cps
Yttrium	89-2	2320984	2315663	2342823	2326490	0.62	cps

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 16:18:00	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	483	423	413	440	8.60	cps
Zirconium	90-1	950	900	1133	995	12.35	cps
Zirconium	91-1	183	183	233	200	14.44	cps

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 16:21:35	DataFile Name :	016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14527906	14632733	14601136	14587258	0.37	cps
Antimony	121-1	14041	14358	14191	14197	1.12	cps
Arsenic	75-2	157	139	137	144	7.80	cps
Barium	135-1	4793	4818	5093	4901	3.40	cps
Barium	137-1	8645	8269	7744	8219	5.50	cps
Beryllium	9-1	1289	1117	1206	1204	7.16	cps
Bismuth	209-1	12396180	12366766	12359855	12374267	0.16	cps
Bismuth	209-2	6762512	6894686	6852997	6836732	0.99	cps
Boron	10-1	3509	3617	3467	3531	2.19	cps
Boron	11-1	16084	15216	15191	15497	3.28	cps
Cadmium	111-1	4646	4489	4265	4467	4.29	cps
Cadmium	106-1	4376	4226	4051	4217	3.86	cps
Cadmium	108-1	3263	2921	2905	3030	6.68	cps
Calcium	43-1	4365754	4408120	4426906	4400260	0.71	cps
Calcium	44-1	71233927	71743089	71468018	71481678	0.36	cps
Chromium	52-2	77228	77965	77921	77705	0.53	cps
Cobalt	59-2	7512	7475	7279	7422	1.69	cps
Copper	63-2	32092	33452	31768	32437	2.75	cps
Dysprosium	156-1	83	17	92	64	64.34	cps
Dysprosium	156-2	63	17	40	40	58.33	cps
Erbium	164-1	83	92	183	119	46.45	cps
Erbium	164-2	63	40	83	62	34.86	cps
Gadolinium	160-1	133	150	150	144	6.66	cps
Gadolinium	160-2	263	300	323	296	10.23	cps
Holmium	165-1	19199452	19151726	19206113	19185764	0.15	cps
Holmium	165-2	9707817	9836027	9839089	9794311	0.76	cps
Indium	115-1	13778665	13681521	13712542	13724242	0.36	cps
Indium	115-2	2557627	2641126	2649872	2616208	1.95	cps
Iron	56-2	339993130	337927019	337957552	338625900	0.35	cps
Iron	57-2	8303248	8277082	8302202	8294178	0.18	cps
Krypton	83-1	360	370	400	377	5.53	cps
Lead	206-1	57083	58155	57631	57623	0.93	cps
Lead	207-1	45433	46894	45160	45829	2.03	cps
Lead	208-1	216955	218926	217179	217687	0.50	cps
Lithium	6-1	6207564	6163482	6140902	6170649	0.55	cps
Magnesium	24-2	35452050	35583584	35764655	35600096	0.44	cps

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	19597	19223	19283	19367	1.04	cps
Molybdenum	94-1	6910157	6892005	6968822	6923661	0.58	cps
Molybdenum	95-1	12280819	12229728	12307022	12272523	0.32	cps
Molybdenum	96-1	12995088	12961396	13046940	13001142	0.33	cps
Molybdenum	97-1	7597633	7615338	7666599	7626523	0.47	cps
Molybdenum	98-1	19599245	19656550	19764481	19673425	0.43	cps
Neodymium	150-1	73	40	67	60	29.40	cps
Neodymium	150-2	37	20	37	31	30.93	cps
Nickel	60-2	8319	8413	8689	8474	2.27	cps
Phosphorus	31-2	775386	783578	782328	780431	0.57	cps
Potassium	39-2	30297804	30346162	30408914	30350960	0.18	cps
Rhodium	103-1	11666668	11661158	11598763	11642197	0.32	cps
Rhodium	103-2	5288134	5404932	5420307	5371125	1.35	cps
Scandium	45-1	9412380	9332713	9311339	9352144	0.57	cps
Scandium	45-2	388905	397355	401328	395863	1.60	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	44	52	48	48	7.70	cps
Selenium	82-1	51	49	43	48	8.46	cps
Silicon	28-1	435283	429697	435953	433644	0.79	cps
Silver	109-1	1042	1017	925	995	6.18	cps
Silver	107-1	992	1192	1192	1125	10.26	cps
Sodium	23-2	68138818	68512089	68505577	68385495	0.31	cps
Strontium	86-1	145229	147189	146853	146424	0.72	cps
Strontium	88-1	1265074	1273536	1284015	1274208	0.74	cps
Sulfur	34-1	7194347	7166131	7199662	7186713	0.25	cps
Terbium	159-1	19449429	19431035	19403178	19427881	0.12	cps
Terbium	159-2	9403270	9578435	9626134	9535946	1.23	cps
Thallium	203-1	1942	2509	2725	2392	16.91	cps
Thallium	205-1	5418	6410	7077	6302	13.25	cps
Thorium	232-1	933	1072	972	993	7.22	cps
Tin	118-1	2784	2859	2700	2781	2.85	cps
Titanium	47-1	3840578	3823829	3856583	3840330	0.43	cps
Uranium	238-1	850	858	817	842	2.62	cps
Vanadium	51-2	507	583	533	541	7.19	cps
Yttrium	89-1	14417569	14286761	14390637	14364989	0.48	cps
Yttrium	89-2	1949149	1972940	1990891	1970993	1.06	cps

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 16:21:35	DataFile Name :	016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	7615	7589	7809	7671	1.57	cps
Zirconium	90-1	1567	1433	1275	1425	10.25	cps
Zirconium	91-1	342	375	317	344	8.50	cps

LB Number : LB99940 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-19 16:25:10 DataFile Name : 017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14887463	14750884	14819699	14819349	0.46	cps
Antimony	121-1	244933	249149	252101	248728	1.45	cps
Arsenic	75-2	7958	7752	7974	7895	1.57	cps
Barium	135-1	69332	71326	71157	70605	1.57	cps
Barium	137-1	121678	124159	124377	123405	1.22	cps
Beryllium	9-1	78882	81356	82272	80836	2.17	cps
Bismuth	209-1	12759189	12625899	12728433	12704507	0.55	cps
Bismuth	209-2	7229005	7212925	7254286	7232072	0.29	cps
Boron	10-1	51321	52685	52242	52082	1.34	cps
Boron	11-1	227751	231709	238503	232654	2.34	cps
Cadmium	111-1	69704	70691	72839	71078	2.26	cps
Cadmium	106-1	10362	10396	10763	10507	2.11	cps
Cadmium	108-1	7469	7915	7552	7645	3.10	cps
Calcium	43-1	4469006	4541561	4520685	4510417	0.83	cps
Calcium	44-1	72454258	73377506	72990058	72940607	0.64	cps
Chromium	52-2	156699	157101	155685	156495	0.47	cps
Cobalt	59-2	130158	132501	132838	131832	1.11	cps
Copper	63-2	117466	118901	117222	117863	0.77	cps
Dysprosium	156-1	100	58	25	61	61.49	cps
Dysprosium	156-2	30	23	33	29	17.63	cps
Erbium	164-1	83	92	108	94	13.48	cps
Erbium	164-2	47	57	70	58	20.26	cps
Gadolinium	160-1	208	108	117	144	38.42	cps
Gadolinium	160-2	327	300	273	300	8.89	cps
Holmium	165-1	20090294	19646042	19969474	19901937	1.15	cps
Holmium	165-2	10377433	10400114	10448720	10408756	0.35	cps
Indium	115-1	14315872	14114480	14281351	14237234	0.76	cps
Indium	115-2	2779462	2785706	2813107	2792758	0.64	cps
Iron	56-2	343316797	346979119	342898830	344398248	0.65	cps
Iron	57-2	8383911	8391090	8401421	8392141	0.10	cps
Krypton	83-1	420	440	353	404	11.22	cps
Lead	206-1	298651	306170	303954	302925	1.28	cps
Lead	207-1	249269	255900	255091	253420	1.43	cps
Lead	208-1	1157458	1181561	1182444	1173821	1.21	cps
Lithium	6-1	6329946	6253005	6361889	6314947	0.89	cps
Magnesium	24-2	36519162	36201199	36427935	36382765	0.45	cps

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 16:25:10	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	68582	67645	67631	67953	0.80	cps
Molybdenum	94-1	7211668	7273187	7310925	7265260	0.69	cps
Molybdenum	95-1	12729687	12955196	12975264	12886716	1.06	cps
Molybdenum	96-1	13564766	13690197	13835608	13696857	0.99	cps
Molybdenum	97-1	7938569	8067966	8089891	8032142	1.02	cps
Molybdenum	98-1	20502018	20795460	20691567	20663015	0.72	cps
Neodymium	150-1	80	60	53	64	21.53	cps
Neodymium	150-2	43	50	17	37	48.10	cps
Nickel	60-2	39821	40596	40322	40246	0.98	cps
Phosphorus	31-2	785700	801260	795724	794228	0.99	cps
Potassium	39-2	30788619	31099433	30988026	30958693	0.51	cps
Rhodium	103-1	12087014	11918032	12133378	12046141	0.94	cps
Rhodium	103-2	5698005	5721874	5760357	5726745	0.55	cps
Scandium	45-1	9812839	9598369	9726493	9712567	1.11	cps
Scandium	45-2	424745	427879	427320	426648	0.39	cps
Selenium	77-2	247	230	277	251	9.42	cps
Selenium	78-2	806	841	746	798	5.99	cps
Selenium	82-1	5009	5257	5118	5128	2.42	cps
Silicon	28-1	1077902	1077058	1095647	1083536	0.97	cps
Silver	109-1	302501	305417	309836	305918	1.21	cps
Silver	107-1	314219	318768	320313	317767	1.00	cps
Sodium	23-2	69818481	69733258	69995693	69849144	0.19	cps
Strontium	86-1	148763	151929	149688	150127	1.08	cps
Strontium	88-1	1296240	1313931	1315413	1308528	0.82	cps
Sulfur	34-1	7283386	7305698	7340568	7309884	0.39	cps
Terbium	159-1	20221703	19840853	20075798	20046118	0.96	cps
Terbium	159-2	10053646	10039052	10105469	10066055	0.35	cps
Thallium	203-1	300210	306485	308187	304961	1.38	cps
Thallium	205-1	716889	736111	734899	729300	1.48	cps
Thorium	232-1	761	628	617	669	12.02	cps
Tin	118-1	711686	726466	725990	721380	1.16	cps
Titanium	47-1	4004414	4042586	4070263	4039088	0.82	cps
Uranium	238-1	1000	1008	967	992	2.22	cps
Vanadium	51-2	64052	62693	62488	63078	1.35	cps
Yttrium	89-1	14906501	14684342	14851167	14814003	0.78	cps
Yttrium	89-2	2090091	2107409	2110949	2102816	0.53	cps

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 16:25:10	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	20221	20171	20438	20276	0.70	cps
Zirconium	90-1	1700	1608	1467	1592	7.39	cps
Zirconium	91-1	333	342	325	333	2.50	cps

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 16:28:46	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8975126	8919296	9043056	8979159	0.69	cps
Antimony	121-1	5918613	6018145	6010887	5982548	0.93	cps
Arsenic	75-2	193810	193805	194563	194059	0.22	cps
Barium	135-1	8369582	8439761	8436244	8415196	0.47	cps
Barium	137-1	14744667	14764808	14825012	14778162	0.28	cps
Beryllium	9-1	2010135	2041121	2032343	2027866	0.79	cps
Bismuth	209-1	11752776	11815709	11897798	11822095	0.62	cps
Bismuth	209-2	6443495	6442729	6580379	6488868	1.22	cps
Boron	10-1	374944	398603	401027	391525	3.68	cps
Boron	11-1	1710592	1790761	1795450	1765601	2.70	cps
Cadmium	111-1	1662953	1677604	1681268	1673942	0.58	cps
Cadmium	106-1	189280	189822	188792	189298	0.27	cps
Cadmium	108-1	125348	126416	127542	126435	0.87	cps
Calcium	43-1	11551704	11553889	11568549	11558048	0.08	cps
Calcium	44-1	186645042	186238708	184308800	185730850	0.67	cps
Chromium	52-2	2090972	2094994	2092090	2092685	0.10	cps
Cobalt	59-2	3170752	3192604	3187523	3183626	0.36	cps
Copper	63-2	4371929	4409250	4401485	4394221	0.45	cps
Dysprosium	156-1	117	192	133	147	26.75	cps
Dysprosium	156-2	197	160	167	174	11.20	cps
Erbium	164-1	58	75	92	75	22.22	cps
Erbium	164-2	33	27	43	34	24.35	cps
Gadolinium	160-1	83	100	125	103	20.41	cps
Gadolinium	160-2	247	343	307	299	16.33	cps
Holmium	165-1	19117396	19368667	19358581	19281548	0.74	cps
Holmium	165-2	9807206	9716657	9894722	9806195	0.91	cps
Indium	115-1	13344945	13544383	13540347	13476558	0.85	cps
Indium	115-2	2596132	2595808	2625718	2605886	0.66	cps
Iron	56-2	440019932	438413099	441440877	439957969	0.34	cps
Iron	57-2	10759645	10754834	10796629	10770369	0.21	cps
Krypton	83-1	397	390	433	407	5.74	cps
Lead	206-1	6017925	6046941	6138250	6067705	1.03	cps
Lead	207-1	5450132	5507244	5567011	5508129	1.06	cps
Lead	208-1	24400525	24616241	24757234	24591333	0.73	cps
Lithium	6-1	6052647	6091310	6116146	6086701	0.53	cps
Magnesium	24-2	97433429	97316894	97917040	97555788	0.33	cps

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 16:28:46	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2555811	2552623	2553054	2553829	0.07	cps
Molybdenum	94-1	13494897	13531829	13587060	13537929	0.34	cps
Molybdenum	95-1	16503337	16667656	16624236	16598410	0.51	cps
Molybdenum	96-1	18289786	18464915	18465119	18406606	0.55	cps
Molybdenum	97-1	10283088	10390179	10347892	10340387	0.52	cps
Molybdenum	98-1	26539434	26964446	26617247	26707042	0.85	cps
Neodymium	150-1	780	647	680	702	9.88	cps
Neodymium	150-2	103	103	83	97	11.94	cps
Nickel	60-2	809188	809505	813283	810659	0.28	cps
Phosphorus	31-2	84732	85327	85729	85263	0.59	cps
Potassium	39-2	40420175	40768403	41130429	40773002	0.87	cps
Rhodium	103-1	11266757	11350149	11261950	11292952	0.44	cps
Rhodium	103-2	5260364	5249369	5311997	5273910	0.63	cps
Scandium	45-1	9380031	9344197	9429884	9384704	0.46	cps
Scandium	45-2	407831	404883	412155	408290	0.90	cps
Selenium	77-2	5851	5761	5768	5793	0.87	cps
Selenium	78-2	19990	19654	19597	19747	1.08	cps
Selenium	82-1	133595	132986	134306	133629	0.49	cps
Silicon	28-1	5684141	5790687	5831302	5768710	1.32	cps
Silver	109-1	7702289	7766015	7794694	7754332	0.61	cps
Silver	107-1	8066529	8054620	8081974	8067708	0.17	cps
Sodium	23-2	181202283	181488637	183301512	181997478	0.63	cps
Strontium	86-1	2275529	2310222	2311418	2299056	0.89	cps
Strontium	88-1	20016679	19941716	19949819	19969405	0.21	cps
Sulfur	34-1	1089968	1088062	1101339	1093123	0.66	cps
Terbium	159-1	19297923	19388749	19565336	19417336	0.70	cps
Terbium	159-2	9436675	9462462	9583563	9494234	0.83	cps
Thallium	203-1	7506914	7516540	7558831	7527428	0.37	cps
Thallium	205-1	17957637	17876252	18121155	17985014	0.69	cps
Thorium	232-1	28533211	28425374	28507563	28488716	0.20	cps
Tin	118-1	5787639	5897839	5928727	5871402	1.26	cps
Titanium	47-1	5112047	5084838	5085515	5094134	0.30	cps
Uranium	238-1	27503408	27281696	27473903	27419669	0.44	cps
Vanadium	51-2	1667106	1669114	1678094	1671438	0.35	cps
Yttrium	89-1	14250838	14314898	14362313	14309350	0.39	cps
Yttrium	89-2	2011377	1999922	2044071	2018457	1.14	cps

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 16:28:46	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	690794	693499	695226	693173	0.32	cps
Zirconium	90-1	11431335	11457221	11459406	11449321	0.14	cps
Zirconium	91-1	2541195	2560686	2552626	2551502	0.38	cps

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 16:32:27	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	550	458	442	483	12.07	cps
Antimony	121-1	2300	2300	2142	2247	4.07	cps
Arsenic	75-2	20	30	22	24	20.36	cps
Barium	135-1	333	300	192	275	26.93	cps
Barium	137-1	567	450	442	486	14.38	cps
Beryllium	9-1	406	250	311	322	24.32	cps
Bismuth	209-1	14477355	14262425	14307930	14349237	0.79	cps
Bismuth	209-2	8029642	8107937	8411876	8183151	2.47	cps
Boron	10-1	16376	14958	13890	15075	8.27	cps
Boron	11-1	73747	66749	62020	67505	8.74	cps
Cadmium	111-1	4187	4011	3731	3976	5.78	cps
Cadmium	106-1	5735	5635	5126	5499	5.94	cps
Cadmium	108-1	33	29	17	26	32.86	cps
Calcium	43-1	533	558	483	525	7.27	cps
Calcium	44-1	12940	11180	11338	11819	8.24	cps
Chromium	52-2	1403	1270	1363	1346	5.08	cps
Cobalt	59-2	143	157	207	169	19.77	cps
Copper	63-2	473	477	603	518	14.31	cps
Dysprosium	156-1	33	0	25	19	89.21	cps
Dysprosium	156-2	10	10	7	9	21.63	cps
Erbium	164-1	83	42	67	64	32.83	cps
Erbium	164-2	33	23	27	28	18.33	cps
Gadolinium	160-1	50	50	50	50	0.00	cps
Gadolinium	160-2	300	313	283	299	5.03	cps
Holmium	165-1	20639225	20164020	20311760	20371669	1.19	cps
Holmium	165-2	10406945	10515810	10931910	10618222	2.61	cps
Indium	115-1	15799058	15473675	15517155	15596629	1.13	cps
Indium	115-2	2951103	2996434	3120467	3022668	2.90	cps
Iron	56-2	19424	19786	21811	20340	6.32	cps
Iron	57-2	511	506	650	556	14.73	cps
Krypton	83-1	390	367	380	379	3.09	cps
Lead	206-1	1978	1884	1911	1924	2.52	cps
Lead	207-1	1767	1728	1828	1774	2.84	cps
Lead	208-1	8301	7668	7701	7890	4.52	cps
Lithium	6-1	7095057	6986419	6915467	6998981	1.29	cps
Magnesium	24-2	2875	2867	3326	3023	8.68	cps

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 16:32:27	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	283	250	193	242	18.78	cps
Molybdenum	94-1	3075	2917	2500	2831	10.49	cps
Molybdenum	95-1	4092	3934	3401	3809	9.52	cps
Molybdenum	96-1	4851	4126	3876	4284	11.82	cps
Molybdenum	97-1	2792	2067	2075	2311	18.01	cps
Molybdenum	98-1	7369	6110	5410	6296	15.77	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	87	60	150	99	46.75	cps
Phosphorus	31-2	125	142	158	142	11.76	cps
Potassium	39-2	20023	19547	19881	19817	1.23	cps
Rhodium	103-1	14032499	13850688	13942405	13941864	0.65	cps
Rhodium	103-2	6613052	6661756	6874931	6716580	2.07	cps
Scandium	45-1	10585743	10430122	10470033	10495299	0.77	cps
Scandium	45-2	437931	447468	464004	449801	2.93	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	56	46	78	60	27.02	cps
Selenium	82-1	27	74	19	40	74.38	cps
Silicon	28-1	280170	275355	272802	276109	1.35	cps
Silver	109-1	817	875	858	850	3.54	cps
Silver	107-1	942	875	833	883	6.19	cps
Sodium	23-2	41208	41358	42361	41642	1.51	cps
Strontium	86-1	708	700	642	683	5.32	cps
Strontium	88-1	867	733	550	717	22.19	cps
Sulfur	34-1	265135	270309	264993	266812	1.14	cps
Terbium	159-1	20771401	20523896	20532850	20609382	0.68	cps
Terbium	159-2	10106662	10304156	10614223	10341680	2.47	cps
Thallium	203-1	2342	2000	1609	1984	18.50	cps
Thallium	205-1	5210	5026	4384	4873	8.89	cps
Thorium	232-1	3667	7636	2734	4679	55.63	cps
Tin	118-1	2259	1892	1950	2034	9.69	cps
Titanium	47-1	517	525	275	439	32.35	cps
Uranium	238-1	1133	783	558	825	35.12	cps
Vanadium	51-2	47	33	53	44	22.92	cps
Yttrium	89-1	15885785	15758113	15777677	15807191	0.44	cps
Yttrium	89-2	2174046	2216749	2303896	2231564	2.97	cps

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 16:32:27	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	473	533	440	482	9.81	cps
Zirconium	90-1	1709	1525	1600	1611	5.72	cps
Zirconium	91-1	342	242	350	311	19.38	cps

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 16:36:01	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3592	3609	3642	3614	0.70	cps
Antimony	121-1	24564	25466	25466	25165	2.07	cps
Arsenic	75-2	480	394	439	438	9.74	cps
Barium	135-1	35162	34143	35087	34797	1.63	cps
Barium	137-1	60717	60248	61612	60859	1.14	cps
Beryllium	9-1	4801	4684	4667	4718	1.54	cps
Bismuth	209-1	14540566	14483491	14599283	14541113	0.40	cps
Bismuth	209-2	7894265	8214170	8176121	8094852	2.16	cps
Boron	10-1	26198	25990	27868	26685	3.86	cps
Boron	11-1	116446	121646	122444	120179	2.71	cps
Cadmium	111-1	8133	7636	7508	7759	4.25	cps
Cadmium	106-1	6393	5693	5410	5832	8.68	cps
Cadmium	108-1	258	238	388	294	27.60	cps
Calcium	43-1	24346	24221	25181	24582	2.12	cps
Calcium	44-1	402078	401830	401367	401758	0.09	cps
Chromium	52-2	9767	10144	9944	9951	1.90	cps
Cobalt	59-2	6965	6918	7215	7033	2.27	cps
Copper	63-2	10444	10431	10200	10358	1.32	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	50	58	117	75	48.43	cps
Erbium	164-2	27	27	23	26	7.55	cps
Gadolinium	160-1	67	83	67	72	13.33	cps
Gadolinium	160-2	297	253	263	271	8.37	cps
Holmium	165-1	20627861	20805117	20714447	20715808	0.43	cps
Holmium	165-2	10211712	10685858	10612919	10503496	2.43	cps
Indium	115-1	16048302	16312322	16043680	16134768	0.95	cps
Indium	115-2	2937778	3052542	3077459	3022593	2.46	cps
Iron	56-2	206746	210976	211032	209585	1.17	cps
Iron	57-2	5485	5334	5551	5457	2.03	cps
Krypton	83-1	413	373	477	421	12.37	cps
Lead	206-1	14603	13702	14664	14323	3.76	cps
Lead	207-1	12417	12173	11950	12180	1.92	cps
Lead	208-1	56670	55263	56482	56138	1.36	cps
Lithium	6-1	7087336	7153635	7072964	7104645	0.61	cps
Magnesium	24-2	205323	207939	205718	206327	0.68	cps

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 16:36:01	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2857	2927	2960	2915	1.81	cps
Molybdenum	94-1	30141	28872	30149	29721	2.47	cps
Molybdenum	95-1	36230	37041	35537	36269	2.08	cps
Molybdenum	96-1	38762	38629	40450	39280	2.58	cps
Molybdenum	97-1	23195	22076	21801	22357	3.30	cps
Molybdenum	98-1	56982	58604	57483	57690	1.44	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	2160	2047	2084	2097	2.76	cps
Phosphorus	31-2	675	600	642	639	5.88	cps
Potassium	39-2	185317	187107	185848	186091	0.49	cps
Rhodium	103-1	14507688	14511811	14330648	14450049	0.72	cps
Rhodium	103-2	6592407	6793771	6847912	6744697	2.00	cps
Scandium	45-1	10939812	11030016	10832923	10934251	0.90	cps
Scandium	45-2	442504	467005	458988	456166	2.74	cps
Selenium	77-2	63	70	53	62	13.48	cps
Selenium	78-2	304	302	291	299	2.35	cps
Selenium	82-1	1597	1665	1651	1637	2.20	cps
Silicon	28-1	372159	372759	371154	372024	0.22	cps
Silver	109-1	18413	18346	18455	18404	0.30	cps
Silver	107-1	20149	19498	19230	19625	2.41	cps
Sodium	23-2	398926	402182	401880	400996	0.45	cps
Strontium	86-1	5034	5310	5501	5282	4.44	cps
Strontium	88-1	40266	40734	40609	40536	0.60	cps
Sulfur	34-1	287025	285156	288180	286787	0.53	cps
Terbium	159-1	21036428	21176955	20995593	21069659	0.45	cps
Terbium	159-2	10058717	10429238	10431270	10306408	2.08	cps
Thallium	203-1	15401	16135	16636	16058	3.87	cps
Thallium	205-1	38641	38900	38783	38774	0.34	cps
Thorium	232-1	51770	52835	52411	52338	1.02	cps
Tin	118-1	64097	63184	64205	63829	0.88	cps
Titanium	47-1	11196	12172	11080	11483	5.22	cps
Uranium	238-1	49930	51194	49287	50137	1.94	cps
Vanadium	51-2	18158	18405	18078	18214	0.94	cps
Yttrium	89-1	16451120	16389644	16301037	16380600	0.46	cps
Yttrium	89-2	2193875	2268240	2263267	2241794	1.85	cps

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 16:36:01	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2207	2107	2097	2137	2.85	cps
Zirconium	90-1	24630	24330	24797	24586	0.96	cps
Zirconium	91-1	5568	5435	5493	5498	1.22	cps

LB Number : LB99940 Operator : Jaswal
 Lab Sample ID : J6391-01DLX2 Instrumnet Name : P7
 Client Sample ID : P001-SS015-0612-01DL Dilution Factor : 2
 Date & Time Acquired :: 2018-12-19 16:39:36 DataFile Name : 021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8988359	8930049	8983220	8967209	0.36	cps
Antimony	121-1	4059	4101	3917	4026	2.39	cps
Arsenic	75-2	9514	9449	9613	9525	0.86	cps
Barium	135-1	2997486	3023439	3079097	3033341	1.37	cps
Barium	137-1	5246025	5314684	5376348	5312352	1.23	cps
Beryllium	9-1	10560	10443	10543	10515	0.60	cps
Bismuth	209-1	13840797	14274239	14358390	14157809	1.96	cps
Bismuth	209-2	8097338	8135705	7929040	8054028	1.36	cps
Boron	10-1	15183	15383	15041	15203	1.13	cps
Boron	11-1	69654	68171	68314	68713	1.19	cps
Cadmium	111-1	7362	7385	7787	7511	3.18	cps
Cadmium	106-1	6543	6302	7019	6621	5.51	cps
Cadmium	108-1	354	371	383	369	3.96	cps
Calcium	43-1	104643	106172	104928	105248	0.77	cps
Calcium	44-1	1674137	1687312	1699246	1686899	0.74	cps
Chromium	52-2	231727	229490	231062	230759	0.50	cps
Cobalt	59-2	148141	149391	149960	149164	0.62	cps
Copper	63-2	734753	737320	740764	737612	0.41	cps
Dysprosium	156-1	144857	148908	149591	147785	1.73	cps
Dysprosium	156-2	78791	77028	79663	78494	1.71	cps
Erbium	164-1	138127	139138	145046	140770	2.66	cps
Erbium	164-2	70413	70719	71489	70874	0.78	cps
Gadolinium	160-1	146115	147942	149989	148015	1.31	cps
Gadolinium	160-2	84421	84277	84884	84527	0.38	cps
Holmium	165-1	20681994	21229268	21462547	21124603	1.90	cps
Holmium	165-2	11037389	11060902	10847400	10981897	1.07	cps
Indium	115-1	15559329	16159961	16208337	15975876	2.26	cps
Indium	115-2	3113320	3111768	3053443	3092844	1.10	cps
Iron	56-2	310212962	309930618	310787307	310310296	0.14	cps
Iron	57-2	7565134	7541564	7560397	7555698	0.17	cps
Krypton	83-1	573	653	603	610	6.63	cps
Lead	206-1	4396999	4438209	4505066	4446758	1.23	cps
Lead	207-1	3711116	3758204	3793510	3754277	1.10	cps
Lead	208-1	17218813	17357266	17490604	17355561	0.78	cps
Lithium	6-1	7045583	7224959	7172944	7147829	1.29	cps
Magnesium	24-2	3912771	3932085	3961127	3935328	0.62	cps

LB Number : LB99940 Operator : Jaswal
 Lab Sample ID : J6391-01DLX2 Instrumnet Name : P7
 Client Sample ID : P001-SS015-0612-01DL Dilution Factor : 2
 Date & Time Acquired :: 2018-12-19 16:39:36 DataFile Name : 021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3845848	3822249	3853792	3840630	0.43	cps
Molybdenum	94-1	60521	60295	60654	60490	0.30	cps
Molybdenum	95-1	22443	22268	22727	22480	1.03	cps
Molybdenum	96-1	37726	37425	36673	37275	1.45	cps
Molybdenum	97-1	13974	14116	13891	13994	0.81	cps
Molybdenum	98-1	35203	35069	36122	35465	1.62	cps
Neodymium	150-1	163061	168498	169516	167025	2.08	cps
Neodymium	150-2	66985	67906	67444	67445	0.68	cps
Nickel	60-2	107930	108740	107933	108201	0.43	cps
Phosphorus	31-2	26291	26190	26416	26299	0.43	cps
Potassium	39-2	508956	515379	511432	511922	0.63	cps
Rhodium	103-1	13725679	14163106	14239869	14042885	1.98	cps
Rhodium	103-2	6710148	6744039	6588812	6681000	1.22	cps
Scandium	45-1	11039380	11376992	11353235	11256536	1.67	cps
Scandium	45-2	482214	487323	474023	481186	1.39	cps
Selenium	77-2	467	383	420	423	9.87	cps
Selenium	78-2	454	493	507	485	5.72	cps
Selenium	82-1	1372	1370	1466	1403	3.89	cps
Silicon	28-1	4230082	4270709	4385247	4295346	1.87	cps
Silver	109-1	6452	7094	6827	6791	4.75	cps
Silver	107-1	7461	7627	7661	7583	1.41	cps
Sodium	23-2	890252	894939	891897	892363	0.27	cps
Strontium	86-1	111698	109884	110901	110828	0.82	cps
Strontium	88-1	938780	941391	956341	945504	1.00	cps
Sulfur	34-1	832677	823787	823522	826662	0.63	cps
Terbium	159-1	20850753	21723711	21714405	21429623	2.34	cps
Terbium	159-2	10705561	10789064	10580936	10691854	0.98	cps
Thallium	203-1	8386	8937	8611	8645	3.20	cps
Thallium	205-1	19983	20458	20559	20333	1.51	cps
Thorium	232-1	434630	437889	442231	438250	0.87	cps
Tin	118-1	22652	22769	23020	22814	0.82	cps
Titanium	47-1	86453	86436	90016	87635	2.35	cps
Uranium	238-1	123794	125680	124200	124558	0.80	cps
Vanadium	51-2	259799	259848	259421	259690	0.09	cps
Yttrium	89-1	17907915	18538240	18529743	18325299	1.97	cps
Yttrium	89-2	2570878	2584661	2538694	2564744	0.92	cps

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	J6391-01DLX2	Instrumnet Name :	P7
Client Sample ID :	P001-SS015-0612-01DL	Dilution Factor :	2
Date & Time Acquired ::	2018-12-19 16:39:36	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	164114	165677	165873	165221	0.58	cps
Zirconium	90-1	127900	130254	129917	129357	0.98	cps
Zirconium	91-1	28220	28747	28579	28515	0.94	cps

LB Number : LB99940 Operator : Jaswal
 Lab Sample ID : J6391-01DUPDLX2 Instrumnet Name : P7
 Client Sample ID : P001-SS015-0612-01DU Dilution Factor : 2
 Date & Time Acquired :: 2018-12-19 16:43:12 DataFile Name : 022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9012268	8946252	8846700	8935074	0.93	cps
Antimony	121-1	3109	3301	3251	3220	3.09	cps
Arsenic	75-2	9114	9159	9134	9136	0.24	cps
Barium	135-1	2999027	3052360	3060611	3037332	1.10	cps
Barium	137-1	5274958	5357773	5358003	5330244	0.90	cps
Beryllium	9-1	10354	10354	9837	10181	2.93	cps
Bismuth	209-1	14250648	14321464	14401443	14324518	0.53	cps
Bismuth	209-2	8119903	8093787	8058001	8090563	0.38	cps
Boron	10-1	6452	6585	6710	6582	1.96	cps
Boron	11-1	30223	30398	29755	30125	1.10	cps
Cadmium	111-1	7339	7316	7392	7349	0.53	cps
Cadmium	106-1	6618	6493	6694	6602	1.53	cps
Cadmium	108-1	450	346	367	388	14.23	cps
Calcium	43-1	93377	93528	95029	93978	0.97	cps
Calcium	44-1	1489560	1509810	1512657	1504009	0.84	cps
Chromium	52-2	233134	232866	234454	233485	0.36	cps
Cobalt	59-2	147227	144449	146101	145926	0.96	cps
Copper	63-2	709349	712009	711904	711087	0.21	cps
Dysprosium	156-1	151159	153332	152624	152372	0.73	cps
Dysprosium	156-2	79662	78972	80380	79671	0.88	cps
Erbium	164-1	140088	144836	143538	142821	1.72	cps
Erbium	164-2	70946	71650	71238	71278	0.50	cps
Gadolinium	160-1	150241	152921	152837	152000	1.00	cps
Gadolinium	160-2	86252	86172	87275	86566	0.71	cps
Holmium	165-1	21278644	21390962	21447058	21372221	0.40	cps
Holmium	165-2	11045353	11023617	11101896	11056955	0.37	cps
Indium	115-1	16100859	16130758	16098567	16110061	0.11	cps
Indium	115-2	3094945	3121944	3131527	3116139	0.61	cps
Iron	56-2	301575418	302945296	301325407	301948707	0.29	cps
Iron	57-2	7328952	7348007	7319803	7332254	0.20	cps
Krypton	83-1	653	637	547	612	9.37	cps
Lead	206-1	4347764	4466675	4480572	4431670	1.65	cps
Lead	207-1	3692372	3745486	3784545	3740801	1.24	cps
Lead	208-1	17100711	17327267	17436137	17288039	0.99	cps
Lithium	6-1	7169737	7257567	7223231	7216845	0.61	cps
Magnesium	24-2	3937039	3933445	3919518	3930001	0.24	cps

LB Number : LB99940 Operator : Jaswal
 Lab Sample ID : J6391-01DUPDLX2 Instrumnet Name : P7
 Client Sample ID : P001-SS015-0612-01DU Dilution Factor : 2
 Date & Time Acquired :: 2018-12-19 16:43:12 DataFile Name : 022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3427155	3439612	3436746	3434504	0.19	cps
Molybdenum	94-1	58512	59040	59700	59084	1.01	cps
Molybdenum	95-1	22485	23069	22460	22671	1.52	cps
Molybdenum	96-1	36681	37600	36422	36901	1.68	cps
Molybdenum	97-1	13465	14383	14124	13991	3.38	cps
Molybdenum	98-1	35278	35019	35320	35206	0.46	cps
Neodymium	150-1	172149	172156	175048	173117	0.97	cps
Neodymium	150-2	67852	68469	68707	68343	0.65	cps
Nickel	60-2	106560	104855	104976	105463	0.90	cps
Phosphorus	31-2	26942	26249	26992	26728	1.55	cps
Potassium	39-2	489794	490226	487313	489111	0.32	cps
Rhodium	103-1	14264928	14303188	14218360	14262159	0.30	cps
Rhodium	103-2	6724369	6736285	6733296	6731316	0.09	cps
Scandium	45-1	11342402	11384641	11378528	11368524	0.20	cps
Scandium	45-2	480245	486332	487828	484802	0.83	cps
Selenium	77-2	387	393	373	384	2.65	cps
Selenium	78-2	513	487	550	517	6.13	cps
Selenium	82-1	1321	1431	1465	1406	5.35	cps
Silicon	28-1	4267705	4324718	4625656	4406026	4.37	cps
Silver	109-1	6869	7127	6852	6949	2.22	cps
Silver	107-1	6844	6969	7177	6996	2.41	cps
Sodium	23-2	241344	240579	239497	240473	0.39	cps
Strontium	86-1	108087	108096	109574	108586	0.79	cps
Strontium	88-1	925174	941796	943886	936952	1.09	cps
Sulfur	34-1	809500	821126	816184	815603	0.72	cps
Terbium	159-1	21742164	21709518	21756665	21736116	0.11	cps
Terbium	159-2	10748915	10695020	10704797	10716244	0.27	cps
Thallium	203-1	8928	8903	8978	8937	0.43	cps
Thallium	205-1	20116	20500	20692	20436	1.43	cps
Thorium	232-1	431046	439039	443107	437730	1.40	cps
Tin	118-1	19164	19072	19181	19139	0.30	cps
Titanium	47-1	87052	85246	85556	85951	1.12	cps
Uranium	238-1	124847	126334	128412	126531	1.42	cps
Vanadium	51-2	261030	259314	258019	259454	0.58	cps
Yttrium	89-1	18549177	18635105	18526289	18570190	0.31	cps
Yttrium	89-2	2574099	2575161	2589184	2579481	0.33	cps

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	J6391-01DUPDLX2	Instrumnet Name :	P7
Client Sample ID :	P001-SS015-0612-01DU	Dilution Factor :	2
Date & Time Acquired ::	2018-12-19 16:43:12	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	153847	153372	153183	153468	0.22	cps
Zirconium	90-1	123437	125058	124369	124288	0.65	cps
Zirconium	91-1	27285	27018	28045	27449	1.94	cps

LB Number : LB99940 Operator : Jaswal
 Lab Sample ID : J6391-01LDLX10 Instrumnet Name : P7
 Client Sample ID : P001-SS015-0612-01LDI Dilution Factor : 10
 Date & Time Acquired :: 2018-12-19 16:46:48 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1794266	1820042	1809495	1807934	0.72	cps
Antimony	121-1	858	1167	917	981	16.70	cps
Arsenic	75-2	2061	2011	2013	2029	1.40	cps
Barium	135-1	624529	620047	620280	621618	0.41	cps
Barium	137-1	1087335	1098779	1088564	1091559	0.58	cps
Beryllium	9-1	2406	2506	2011	2308	11.33	cps
Bismuth	209-1	14572015	14602403	14584064	14586161	0.10	cps
Bismuth	209-2	8176068	8006902	8072609	8085193	1.05	cps
Boron	10-1	4876	4984	5001	4954	1.37	cps
Boron	11-1	22926	22476	22459	22620	1.17	cps
Cadmium	111-1	4379	4661	4441	4494	3.30	cps
Cadmium	106-1	5301	5693	5468	5487	3.58	cps
Cadmium	108-1	88	129	88	101	23.73	cps
Calcium	43-1	21783	21992	21759	21845	0.59	cps
Calcium	44-1	346881	348728	349709	348439	0.41	cps
Chromium	52-2	48620	47844	47633	48033	1.08	cps
Cobalt	59-2	30499	29911	30068	30159	1.01	cps
Copper	63-2	150788	151107	150777	150891	0.12	cps
Dysprosium	156-1	30410	30243	30802	30485	0.94	cps
Dysprosium	156-2	15436	15793	15612	15613	1.14	cps
Erbium	164-1	29349	28380	28806	28845	1.68	cps
Erbium	164-2	14144	14011	14478	14211	1.69	cps
Gadolinium	160-1	30786	30251	30618	30552	0.90	cps
Gadolinium	160-2	17184	17521	17141	17282	1.21	cps
Holmium	165-1	20962215	20938586	20891186	20930663	0.17	cps
Holmium	165-2	10744082	10626329	10698581	10689664	0.56	cps
Indium	115-1	16238347	16203565	16079282	16173731	0.52	cps
Indium	115-2	3026691	3031839	3053213	3037248	0.46	cps
Iron	56-2	62385360	63240113	62645401	62756958	0.70	cps
Iron	57-2	1507027	1534207	1523818	1521684	0.90	cps
Krypton	83-1	443	447	383	424	8.40	cps
Lead	206-1	919204	917819	924955	920659	0.41	cps
Lead	207-1	777415	775153	780558	777709	0.35	cps
Lead	208-1	3597704	3584399	3608020	3596708	0.33	cps
Lithium	6-1	7181782	7095955	7090070	7122602	0.72	cps
Magnesium	24-2	790747	803872	802041	798887	0.89	cps

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	J6391-01LDLX10	Instrumnet Name :	P7
Client Sample ID :	P001-SS015-0612-01LDI	Dilution Factor :	10
Date & Time Acquired ::	2018-12-19 16:46:48	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	769865	772588	771369	771274	0.18	cps
Molybdenum	94-1	12072	13073	12673	12606	4.00	cps
Molybdenum	95-1	4393	4809	4726	4643	4.75	cps
Molybdenum	96-1	7678	8269	7277	7741	6.45	cps
Molybdenum	97-1	2800	2959	2984	2914	3.41	cps
Molybdenum	98-1	7627	7586	7194	7469	3.20	cps
Neodymium	150-1	34611	34263	33956	34277	0.96	cps
Neodymium	150-2	13520	13574	13156	13417	1.69	cps
Nickel	60-2	21766	22074	22347	22062	1.32	cps
Phosphorus	31-2	5335	5435	5476	5415	1.35	cps
Potassium	39-2	115438	115463	116606	115836	0.58	cps
Rhodium	103-1	14403682	14342878	14364073	14370211	0.21	cps
Rhodium	103-2	6722116	6633940	6694037	6683364	0.67	cps
Scandium	45-1	10978862	10947817	10899108	10941929	0.37	cps
Scandium	45-2	455632	455073	459999	456901	0.59	cps
Selenium	77-2	127	60	103	97	35.00	cps
Selenium	78-2	144	148	157	150	4.45	cps
Selenium	82-1	321	297	351	323	8.49	cps
Silicon	28-1	1071360	1103925	1094857	1090047	1.54	cps
Silver	109-1	1625	1709	1675	1670	2.51	cps
Silver	107-1	1775	1959	1784	1839	5.63	cps
Sodium	23-2	180187	185009	181266	182154	1.39	cps
Strontium	86-1	22410	23278	22702	22797	1.94	cps
Strontium	88-1	193065	192054	192088	192402	0.30	cps
Sulfur	34-1	339863	339931	340490	340095	0.10	cps
Terbium	159-1	21483799	21407336	21332086	21407740	0.35	cps
Terbium	159-2	10503016	10415700	10393375	10437364	0.56	cps
Thallium	203-1	2350	2275	2075	2234	6.37	cps
Thallium	205-1	5076	5318	5068	5154	2.76	cps
Thorium	232-1	89817	89790	87932	89180	1.21	cps
Tin	118-1	5218	5276	5168	5221	1.04	cps
Titanium	47-1	17970	17736	18020	17909	0.85	cps
Uranium	238-1	25994	26486	26110	26197	0.98	cps
Vanadium	51-2	52811	52192	53025	52676	0.82	cps
Yttrium	89-1	16933603	16906788	16755580	16865324	0.57	cps
Yttrium	89-2	2318035	2293831	2312153	2308006	0.55	cps

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	J6391-01LDLX10	Instrumnet Name :	P7
Client Sample ID :	P001-SS015-0612-01LDI	Dilution Factor :	10
Date & Time Acquired ::	2018-12-19 16:46:48	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	34394	34675	35229	34766	1.22	cps
Zirconium	90-1	27168	26517	26283	26656	1.72	cps
Zirconium	91-1	6460	6093	6035	6196	3.72	cps

LB Number : LB99940 Operator : Jaswal
 Lab Sample ID : J6391-02DLX2 Instrumnet Name : P7
 Client Sample ID : P001-SS015-0612-01MS Dilution Factor : 2
 Date & Time Acquired :: 2018-12-19 16:50:22 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9760409	9772131	9710868	9747803	0.33	cps
Antimony	121-1	222641	226598	225805	225015	0.93	cps
Arsenic	75-2	105669	105739	106745	106051	0.57	cps
Barium	135-1	6735777	6728449	6720700	6728309	0.11	cps
Barium	137-1	11821412	11823542	11829180	11824711	0.03	cps
Beryllium	9-1	1043967	1045710	1044558	1044745	0.08	cps
Bismuth	209-1	13345774	13634882	13456105	13478920	1.08	cps
Bismuth	209-2	7591221	7684272	7541390	7605628	0.95	cps
Boron	10-1	109294	113616	116665	113192	3.27	cps
Boron	11-1	497693	524097	527628	516472	3.17	cps
Cadmium	111-1	887187	892912	898512	892870	0.63	cps
Cadmium	106-1	89213	91209	91854	90759	1.52	cps
Cadmium	108-1	61617	62408	62759	62261	0.94	cps
Calcium	43-1	1214325	1227641	1226624	1222864	0.61	cps
Calcium	44-1	19620658	19581329	19540888	19580958	0.20	cps
Chromium	52-2	1214538	1221562	1219963	1218688	0.30	cps
Cobalt	59-2	1722891	1733654	1729894	1728813	0.32	cps
Copper	63-2	2784539	2823423	2807828	2805263	0.70	cps
Dysprosium	156-1	133870	138192	138207	136756	1.83	cps
Dysprosium	156-2	70896	71458	72373	71575	1.04	cps
Erbium	164-1	125253	126625	127634	126504	0.94	cps
Erbium	164-2	62921	63460	63316	63232	0.44	cps
Gadolinium	160-1	133976	135423	136676	135358	1.00	cps
Gadolinium	160-2	75962	77735	76663	76787	1.16	cps
Holmium	165-1	20253468	20660356	20391761	20435195	1.01	cps
Holmium	165-2	10534113	10732388	10401163	10555888	1.58	cps
Indium	115-1	14978993	15170107	15086531	15078543	0.64	cps
Indium	115-2	2893993	2957875	2873305	2908391	1.52	cps
Iron	56-2	256474034	257447011	257090261	257003769	0.19	cps
Iron	57-2	6261138	6276426	6233249	6256938	0.35	cps
Krypton	83-1	537	607	543	562	6.87	cps
Lead	206-1	6997511	6999461	7034785	7010586	0.30	cps
Lead	207-1	5956124	6035281	6076537	6022647	1.02	cps
Lead	208-1	27545064	27656838	27795184	27665695	0.45	cps
Lithium	6-1	6797007	6903442	6876877	6859109	0.81	cps
Magnesium	24-2	12243259	12298653	12218851	12253588	0.33	cps

LB Number : LB99940 Operator : Jaswal
 Lab Sample ID : J6391-02DLX2 Instrumnet Name : P7
 Client Sample ID : P001-SS015-0612-01MS Dilution Factor : 2
 Date & Time Acquired :: 2018-12-19 16:50:22 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2459080	2498677	2485927	2481228	0.81	cps
Molybdenum	94-1	4928955	4999751	4955392	4961366	0.72	cps
Molybdenum	95-1	7236228	7311044	7220087	7255786	0.67	cps
Molybdenum	96-1	7837476	7866230	7889028	7864245	0.33	cps
Molybdenum	97-1	4476510	4533243	4561388	4523714	0.96	cps
Molybdenum	98-1	11670960	11686389	11665411	11674253	0.09	cps
Neodymium	150-1	164287	163822	165752	164621	0.61	cps
Neodymium	150-2	64078	64168	65441	64562	1.18	cps
Nickel	60-2	507252	512590	515818	511887	0.85	cps
Phosphorus	31-2	21450	20690	20598	20913	2.23	cps
Potassium	39-2	4291763	4313193	4276734	4293897	0.43	cps
Rhodium	103-1	13054321	13296491	13124540	13158451	0.95	cps
Rhodium	103-2	6199578	6276178	6147829	6207862	1.04	cps
Scandium	45-1	10615731	10744731	10545314	10635259	0.95	cps
Scandium	45-2	451067	461211	448867	453715	1.45	cps
Selenium	77-2	3050	3324	3260	3212	4.46	cps
Selenium	78-2	9648	9907	9776	9777	1.33	cps
Selenium	82-1	66747	67143	66971	66954	0.30	cps
Silicon	28-1	9315816	9275054	9277723	9289531	0.25	cps
Silver	109-1	3631864	3671435	3681211	3661503	0.71	cps
Silver	107-1	3740065	3791103	3813428	3781532	0.99	cps
Sodium	23-2	17000726	17045648	17019446	17021940	0.13	cps
Strontium	86-1	1205813	1234619	1237215	1225882	1.42	cps
Strontium	88-1	10555980	10600466	10599968	10585471	0.24	cps
Sulfur	34-1	746695	739964	742442	743033	0.46	cps
Terbium	159-1	20452825	20946040	20636488	20678451	1.21	cps
Terbium	159-2	10276957	10329241	10163539	10256579	0.83	cps
Thallium	203-1	3503544	3576227	3601998	3560590	1.43	cps
Thallium	205-1	8427711	8466603	8446353	8446889	0.23	cps
Thorium	232-1	427281	432774	437877	432644	1.22	cps
Tin	118-1	289822	291933	292682	291479	0.51	cps
Titanium	47-1	744698	750182	743182	746021	0.49	cps
Uranium	238-1	12594151	12644551	12677637	12638780	0.33	cps
Vanadium	51-2	1037560	1037778	1044708	1040015	0.39	cps
Yttrium	89-1	17189622	17458730	17147713	17265355	0.98	cps
Yttrium	89-2	2386153	2428743	2368554	2394483	1.29	cps

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	J6391-02DLX2	Instrumnet Name :	P7
Client Sample ID :	P001-SS015-0612-01MS	Dilution Factor :	2
Date & Time Acquired ::	2018-12-19 16:50:22	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	459478	462199	463250	461642	0.42	cps
Zirconium	90-1	2228703	2235981	2233424	2232703	0.17	cps
Zirconium	91-1	500546	498712	497839	499033	0.28	cps

LB Number : LB99940 Operator : Jaswal
 Lab Sample ID : J6391-03DLX2 Instrumnet Name : P7
 Client Sample ID : P001-SS015-0612-01MS Dilution Factor : 2
 Date & Time Acquired :: 2018-12-19 16:53:58 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10033317	9871984	9883308	9929536	0.91	cps
Antimony	121-1	247816	251463	251710	250330	0.87	cps
Arsenic	75-2	114330	114026	113875	114077	0.20	cps
Barium	135-1	7040778	7051789	7081352	7057973	0.30	cps
Barium	137-1	12280676	12326971	12310354	12306000	0.19	cps
Beryllium	9-1	1113072	1118133	1118825	1116677	0.28	cps
Bismuth	209-1	13061042	13446018	13578582	13361881	2.01	cps
Bismuth	209-2	7618234	7551889	7384329	7518151	1.60	cps
Boron	10-1	124518	127131	128709	126786	1.67	cps
Boron	11-1	552182	576440	574474	567698	2.37	cps
Cadmium	111-1	950072	950276	960675	953674	0.64	cps
Cadmium	106-1	96879	94565	98029	96491	1.83	cps
Cadmium	108-1	66125	67058	68184	67122	1.54	cps
Calcium	43-1	1317961	1325648	1308932	1317514	0.64	cps
Calcium	44-1	21073556	21141926	21078768	21098083	0.18	cps
Chromium	52-2	1297955	1292046	1291379	1293793	0.28	cps
Cobalt	59-2	1860504	1851616	1851879	1854666	0.27	cps
Copper	63-2	2952997	2975735	2975593	2968108	0.44	cps
Dysprosium	156-1	141018	142617	146045	143227	1.79	cps
Dysprosium	156-2	75258	75771	75714	75581	0.37	cps
Erbium	164-1	127188	129788	132066	129681	1.88	cps
Erbium	164-2	64713	64732	65878	65108	1.02	cps
Gadolinium	160-1	138630	140103	141148	139960	0.90	cps
Gadolinium	160-2	79150	78801	79391	79114	0.37	cps
Holmium	165-1	19769284	20326640	20473636	20189853	1.84	cps
Holmium	165-2	10619748	10530279	10321012	10490347	1.46	cps
Indium	115-1	14451570	14853750	14985444	14763588	1.88	cps
Indium	115-2	2900452	2916908	2831096	2882819	1.58	cps
Iron	56-2	255924000	255240650	253953717	255039456	0.39	cps
Iron	57-2	6208577	6246144	6220554	6225092	0.31	cps
Krypton	83-1	607	593	610	603	1.46	cps
Lead	206-1	7175988	7263179	7265485	7234884	0.71	cps
Lead	207-1	6155771	6263331	6341263	6253455	1.49	cps
Lead	208-1	28472915	28685806	28803622	28654114	0.58	cps
Lithium	6-1	6573638	6744664	6834140	6717481	1.97	cps
Magnesium	24-2	13170915	13174832	13116242	13153996	0.25	cps

LB Number : LB99940 Operator : Jaswal
 Lab Sample ID : J6391-03DLX2 Instrumnet Name : P7
 Client Sample ID : P001-SS015-0612-01MS Dilution Factor : 2
 Date & Time Acquired :: 2018-12-19 16:53:58 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2391980	2393561	2384557	2390033	0.20	cps
Molybdenum	94-1	5303639	5348574	5355710	5335974	0.53	cps
Molybdenum	95-1	7829070	7874524	7885147	7862914	0.38	cps
Molybdenum	96-1	8508136	8491796	8510222	8503385	0.12	cps
Molybdenum	97-1	4867596	4908107	4972452	4916052	1.08	cps
Molybdenum	98-1	12569757	12573875	12605035	12582889	0.15	cps
Neodymium	150-1	174409	174377	176293	175026	0.63	cps
Neodymium	150-2	69243	68694	68311	68749	0.68	cps
Nickel	60-2	542673	541782	544469	542975	0.25	cps
Phosphorus	31-2	21984	21349	21917	21750	1.60	cps
Potassium	39-2	4631038	4573885	4588152	4597691	0.65	cps
Rhodium	103-1	12592525	12995862	13086694	12891694	2.04	cps
Rhodium	103-2	6187997	6185756	6027311	6133688	1.50	cps
Scandium	45-1	10200184	10519283	10550447	10423305	1.86	cps
Scandium	45-2	452567	447643	439908	446706	1.43	cps
Selenium	77-2	3564	3314	3360	3413	3.90	cps
Selenium	78-2	10587	10637	10830	10685	1.20	cps
Selenium	82-1	71159	70997	71949	71368	0.71	cps
Silicon	28-1	10281246	10483262	10537204	10433904	1.29	cps
Silver	109-1	3922590	3937739	3982784	3947705	0.79	cps
Silver	107-1	4012274	4054070	4097098	4054481	1.05	cps
Sodium	23-2	18494275	18408842	18575791	18492969	0.45	cps
Strontium	86-1	1303591	1316746	1333342	1317893	1.13	cps
Strontium	88-1	11362527	11381897	11380357	11374927	0.09	cps
Sulfur	34-1	728441	731339	725391	728390	0.41	cps
Terbium	159-1	19990678	20693285	20731967	20471977	2.04	cps
Terbium	159-2	10304168	10167907	10017112	10163062	1.41	cps
Thallium	203-1	3858465	3895224	3947025	3900238	1.14	cps
Thallium	205-1	9224501	9238772	9295071	9252781	0.40	cps
Thorium	232-1	442681	445620	452504	446935	1.13	cps
Tin	118-1	287734	290266	288620	288873	0.44	cps
Titanium	47-1	751663	753444	761848	755651	0.72	cps
Uranium	238-1	13671300	13737265	13865309	13757958	0.72	cps
Vanadium	51-2	1099702	1099561	1098357	1099207	0.07	cps
Yttrium	89-1	16632036	17200018	17183927	17005327	1.90	cps
Yttrium	89-2	2399124	2392097	2359321	2383514	0.89	cps

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	J6391-03DLX2	Instrumnet Name :	P7
Client Sample ID :	P001-SS015-0612-01MS	Dilution Factor :	2
Date & Time Acquired ::	2018-12-19 16:53:58	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	490366	487620	488812	488933	0.28	cps
Zirconium	90-1	2249183	2243357	2266378	2252973	0.53	cps
Zirconium	91-1	503394	504009	503048	503484	0.10	cps

LB Number : LB99940 Operator : Jaswal
 Lab Sample ID : J6391-01ADLX2 Instrumnet Name : P7
 Client Sample ID : P001-SS015-0612-01ADL Dilution Factor : 2
 Date & Time Acquired :: 2018-12-19 16:57:34 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9904747	9914850	10043766	9954455	0.78	cps
Antimony	121-1	258837	261331	263139	261102	0.83	cps
Arsenic	75-2	113102	112654	114808	113521	1.00	cps
Barium	135-1	7066022	7127625	7084386	7092678	0.45	cps
Barium	137-1	12344990	12477346	12464985	12429107	0.59	cps
Beryllium	9-1	1092923	1102860	1111473	1102419	0.84	cps
Bismuth	209-1	13340984	13399151	13400890	13380341	0.25	cps
Bismuth	209-2	7525196	7473603	7528983	7509261	0.41	cps
Boron	10-1	122561	124762	128720	125347	2.49	cps
Boron	11-1	566425	580357	580268	575683	1.39	cps
Cadmium	111-1	948546	956212	961885	955548	0.70	cps
Cadmium	106-1	96561	97299	98835	97565	1.19	cps
Cadmium	108-1	65877	67296	66953	66709	1.11	cps
Calcium	43-1	1310459	1307789	1324119	1314122	0.67	cps
Calcium	44-1	21093406	20929865	21077444	21033572	0.43	cps
Chromium	52-2	1296954	1290791	1295808	1294518	0.25	cps
Cobalt	59-2	1843091	1840439	1843119	1842216	0.08	cps
Copper	63-2	2966653	2954869	2979745	2967089	0.42	cps
Dysprosium	156-1	137055	142813	142465	140778	2.29	cps
Dysprosium	156-2	74447	74403	74748	74533	0.25	cps
Erbium	164-1	128980	130789	129931	129900	0.70	cps
Erbium	164-2	64223	64759	64582	64521	0.42	cps
Gadolinium	160-1	138100	138840	140960	139300	1.07	cps
Gadolinium	160-2	78832	79341	79254	79142	0.34	cps
Holmium	165-1	20221929	20318386	20312200	20284172	0.27	cps
Holmium	165-2	10540599	10433353	10475520	10483157	0.52	cps
Indium	115-1	14863019	14894236	14847649	14868301	0.16	cps
Indium	115-2	2885123	2860042	2899851	2881672	0.70	cps
Iron	56-2	258129928	255910756	257044545	257028409	0.43	cps
Iron	57-2	6291495	6244992	6297559	6278015	0.46	cps
Krypton	83-1	547	560	583	563	3.29	cps
Lead	206-1	7263210	7306591	7281238	7283680	0.30	cps
Lead	207-1	6162384	6268766	6354887	6262013	1.54	cps
Lead	208-1	28615523	28757175	29039048	28803915	0.75	cps
Lithium	6-1	6689772	6738567	6686060	6704800	0.44	cps
Magnesium	24-2	13026010	12941323	13041660	13002998	0.42	cps

LB Number : LB99940 Operator : Jaswal
 Lab Sample ID : J6391-01ADLX2 Instrumnet Name : P7
 Client Sample ID : P001-SS015-0612-01ADL Dilution Factor : 2
 Date & Time Acquired :: 2018-12-19 16:57:34 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2439677	2420517	2447346	2435847	0.57	cps
Molybdenum	94-1	5365819	5375394	5341566	5360926	0.33	cps
Molybdenum	95-1	7917051	7914567	7866806	7899475	0.36	cps
Molybdenum	96-1	8574726	8531495	8525052	8543758	0.32	cps
Molybdenum	97-1	4894121	4915206	4936362	4915230	0.43	cps
Molybdenum	98-1	12591165	12602715	12608009	12600629	0.07	cps
Neodymium	150-1	169086	174261	174457	172602	1.76	cps
Neodymium	150-2	67923	68674	68087	68228	0.58	cps
Nickel	60-2	542861	538880	540995	540912	0.37	cps
Phosphorus	31-2	21032	21825	21967	21608	2.33	cps
Potassium	39-2	4570313	4565545	4625661	4587173	0.73	cps
Rhodium	103-1	12928528	12981563	12940850	12950314	0.21	cps
Rhodium	103-2	6126080	6113755	6073225	6104353	0.45	cps
Scandium	45-1	10372096	10354046	10416894	10381012	0.31	cps
Scandium	45-2	443787	440990	444400	443059	0.41	cps
Selenium	77-2	3457	3247	3494	3399	3.92	cps
Selenium	78-2	10528	10574	10680	10594	0.74	cps
Selenium	82-1	71412	71546	71807	71589	0.28	cps
Silicon	28-1	11607279	11811985	11737214	11718826	0.88	cps
Silver	109-1	3932534	3935998	3971792	3946775	0.55	cps
Silver	107-1	4079124	4099955	4094998	4091359	0.27	cps
Sodium	23-2	18306567	18281901	18335545	18308005	0.15	cps
Strontium	86-1	1301609	1325338	1316462	1314470	0.91	cps
Strontium	88-1	11247524	11282889	11349841	11293418	0.46	cps
Sulfur	34-1	731390	723053	737030	730491	0.96	cps
Terbium	159-1	20536586	20591106	20768507	20632066	0.59	cps
Terbium	159-2	10202522	10132795	10173840	10169719	0.34	cps
Thallium	203-1	3883208	3936337	3934091	3917879	0.77	cps
Thallium	205-1	9285492	9290930	9218592	9265005	0.43	cps
Thorium	232-1	433207	440216	443315	438912	1.18	cps
Tin	118-1	296287	302252	302042	300194	1.13	cps
Titanium	47-1	777031	791699	781304	783345	0.96	cps
Uranium	238-1	13672698	13679009	13893132	13748280	0.91	cps
Vanadium	51-2	1102771	1099968	1100402	1101047	0.14	cps
Yttrium	89-1	17040609	16999675	17051852	17030712	0.16	cps
Yttrium	89-2	2386507	2369242	2382293	2379347	0.38	cps

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	J6391-01ADLX2	Instrumnet Name :	P7
Client Sample ID :	P001-SS015-0612-01ADL	Dilution Factor :	2
Date & Time Acquired ::	2018-12-19 16:57:34	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	484762	489333	486231	486775	0.48	cps
Zirconium	90-1	2343117	2341191	2349377	2344562	0.18	cps
Zirconium	91-1	521900	525742	525315	524319	0.40	cps

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 17:01:11	DataFile Name :	027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9063486	9168732	9102903	9111707	0.58	cps
Antimony	121-1	6130377	6149618	6159472	6146489	0.24	cps
Arsenic	75-2	198962	199987	199065	199338	0.28	cps
Barium	135-1	8699109	8739762	8732780	8723883	0.25	cps
Barium	137-1	15212530	15253612	15199253	15221798	0.19	cps
Beryllium	9-1	2054310	2034707	2052621	2047212	0.53	cps
Bismuth	209-1	12095550	12125113	12060489	12093718	0.27	cps
Bismuth	209-2	6467233	6550537	6543254	6520341	0.71	cps
Boron	10-1	390853	399735	410645	400411	2.48	cps
Boron	11-1	1761273	1814119	1852545	1809312	2.53	cps
Cadmium	111-1	1713854	1722965	1737298	1724705	0.69	cps
Cadmium	106-1	192821	193742	191774	192779	0.51	cps
Cadmium	108-1	130788	130948	130098	130611	0.35	cps
Calcium	43-1	11856500	11762906	11887966	11835791	0.55	cps
Calcium	44-1	191011121	189837154	191094375	190647550	0.37	cps
Chromium	52-2	2146184	2161826	2164481	2157497	0.46	cps
Cobalt	59-2	3263255	3271550	3285895	3273567	0.35	cps
Copper	63-2	4483482	4528317	4513772	4508524	0.51	cps
Dysprosium	156-1	217	258	217	231	10.43	cps
Dysprosium	156-2	160	203	167	177	13.21	cps
Erbium	164-1	100	50	100	83	34.64	cps
Erbium	164-2	50	57	47	51	9.96	cps
Gadolinium	160-1	142	175	117	144	20.26	cps
Gadolinium	160-2	297	307	260	288	8.54	cps
Holmium	165-1	19592888	19915365	19708873	19739042	0.83	cps
Holmium	165-2	9843817	9961987	9917961	9907922	0.60	cps
Indium	115-1	13801457	13842401	13837953	13827270	0.16	cps
Indium	115-2	2626159	2662002	2645546	2644569	0.68	cps
Iron	56-2	452239688	452030543	453586543	452618925	0.19	cps
Iron	57-2	11010053	11054625	11086300	11050326	0.35	cps
Krypton	83-1	403	370	447	407	9.45	cps
Lead	206-1	6132481	6162678	6251528	6182229	1.00	cps
Lead	207-1	5589678	5603101	5660585	5617788	0.67	cps
Lead	208-1	25031195	25078111	25274820	25128042	0.51	cps
Lithium	6-1	6111705	6066735	6106608	6095016	0.40	cps
Magnesium	24-2	99014917	100232865	99896425	99714736	0.63	cps

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 17:01:11	DataFile Name :	027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2595904	2616018	2618924	2610282	0.48	cps
Molybdenum	94-1	14077863	13979983	13957798	14005215	0.46	cps
Molybdenum	95-1	17228037	17149224	17129611	17168958	0.30	cps
Molybdenum	96-1	18949513	18921732	19014082	18961776	0.25	cps
Molybdenum	97-1	10608932	10677873	10719229	10668678	0.52	cps
Molybdenum	98-1	27380990	27490511	27425913	27432471	0.20	cps
Neodymium	150-1	867	707	640	738	15.79	cps
Neodymium	150-2	117	103	120	113	7.78	cps
Nickel	60-2	827787	830164	830874	829608	0.19	cps
Phosphorus	31-2	85093	86099	84514	85235	0.94	cps
Potassium	39-2	41774003	41953844	42024904	41917584	0.31	cps
Rhodium	103-1	11640475	11601133	11460329	11567312	0.82	cps
Rhodium	103-2	5315054	5369230	5364493	5349592	0.56	cps
Scandium	45-1	9692311	9639567	9592024	9641301	0.52	cps
Scandium	45-2	413368	417341	417193	415967	0.54	cps
Selenium	77-2	6205	6158	5951	6105	2.21	cps
Selenium	78-2	20516	20500	20081	20366	1.21	cps
Selenium	82-1	136153	137395	138281	137276	0.78	cps
Silicon	28-1	5933500	6004617	6018594	5985570	0.76	cps
Silver	109-1	7953124	7979649	8023405	7985393	0.44	cps
Silver	107-1	8306051	8285509	8321245	8304268	0.22	cps
Sodium	23-2	186075712	186763758	185851208	186230226	0.26	cps
Strontium	86-1	2359483	2372342	2375643	2369156	0.36	cps
Strontium	88-1	20561773	20463156	20560295	20528408	0.28	cps
Sulfur	34-1	1116236	1116398	1117270	1116635	0.05	cps
Terbium	159-1	20035006	19933049	20023976	19997343	0.28	cps
Terbium	159-2	9525914	9566663	9590033	9560870	0.34	cps
Thallium	203-1	7609352	7705091	7710065	7674836	0.74	cps
Thallium	205-1	18384775	18260438	18454372	18366529	0.53	cps
Thorium	232-1	28885824	28951165	28751957	28862982	0.35	cps
Tin	118-1	6013159	6046484	6075249	6044964	0.51	cps
Titanium	47-1	5252595	5224658	5281444	5252899	0.54	cps
Uranium	238-1	27752320	27859772	27922773	27844955	0.31	cps
Vanadium	51-2	1714466	1730216	1711557	1718746	0.58	cps
Yttrium	89-1	14878058	14794759	14704067	14792295	0.59	cps
Yttrium	89-2	2029484	2042959	2053663	2042035	0.59	cps

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 17:01:11	DataFile Name :	027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	700882	710789	710390	707354	0.79	cps
Zirconium	90-1	11893949	11849095	11811239	11851428	0.35	cps
Zirconium	91-1	2638867	2656332	2651141	2648780	0.34	cps

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 17:04:52	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	258	250	242	250	3.33	cps
Antimony	121-1	2350	2109	2142	2200	5.95	cps
Arsenic	75-2	30	15	26	23	32.88	cps
Barium	135-1	233	225	267	242	9.12	cps
Barium	137-1	342	300	375	339	11.09	cps
Beryllium	9-1	311	261	339	304	12.98	cps
Bismuth	209-1	14476773	14565236	14592458	14544822	0.42	cps
Bismuth	209-2	8194137	8155758	8266194	8205363	0.68	cps
Boron	10-1	17502	15867	15308	16226	7.03	cps
Boron	11-1	78663	72248	67209	72707	7.90	cps
Cadmium	111-1	3927	3676	3910	3837	3.65	cps
Cadmium	106-1	5460	5151	5368	5326	2.97	cps
Cadmium	108-1	17	25	21	21	19.99	cps
Calcium	43-1	408	392	467	422	9.33	cps
Calcium	44-1	9245	7561	8186	8331	10.22	cps
Chromium	52-2	1323	1207	1263	1265	4.61	cps
Cobalt	59-2	167	103	160	143	24.28	cps
Copper	63-2	420	480	413	438	8.39	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	3	7	10	7	50.03	cps
Erbium	164-1	33	67	58	53	32.88	cps
Erbium	164-2	43	33	27	34	24.35	cps
Gadolinium	160-1	75	83	58	72	17.62	cps
Gadolinium	160-2	243	313	297	284	12.86	cps
Holmium	165-1	20545127	20739629	20730859	20671871	0.53	cps
Holmium	165-2	10665907	10566573	10692075	10641518	0.62	cps
Indium	115-1	15807798	15979728	15996924	15928150	0.66	cps
Indium	115-2	3063787	3025146	3052592	3047175	0.65	cps
Iron	56-2	15008	13773	14613	14465	4.36	cps
Iron	57-2	483	350	406	413	16.22	cps
Krypton	83-1	373	373	423	390	7.40	cps
Lead	206-1	1689	1789	1767	1748	3.00	cps
Lead	207-1	1583	1506	1439	1509	4.79	cps
Lead	208-1	6934	6745	6918	6866	1.52	cps
Lithium	6-1	6883875	6983031	7044900	6970602	1.17	cps
Magnesium	24-2	1784	1892	2059	1911	7.25	cps

LB Number :	LB99940	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 17:04:52	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	150	167	110	142	20.48	cps
Molybdenum	94-1	3901	3100	2884	3295	16.26	cps
Molybdenum	95-1	5893	4884	3709	4829	22.64	cps
Molybdenum	96-1	6485	5001	4368	5285	20.57	cps
Molybdenum	97-1	3676	2767	2342	2928	23.27	cps
Molybdenum	98-1	9295	7452	6235	7661	20.11	cps
Neodymium	150-1	27	33	0	20	88.19	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	97	100	80	92	11.62	cps
Phosphorus	31-2	100	117	192	136	35.88	cps
Potassium	39-2	20265	19555	19856	19892	1.79	cps
Rhodium	103-1	14084443	14220342	14245039	14183275	0.61	cps
Rhodium	103-2	6800735	6713092	6755270	6756366	0.65	cps
Scandium	45-1	10579281	10667552	10671759	10639530	0.49	cps
Scandium	45-2	454329	451499	453505	453111	0.32	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	67	67	78	70	9.11	cps
Selenium	82-1	72	70	-13	43	113.82	cps
Silicon	28-1	312062	305742	303779	307194	1.41	cps
Silver	109-1	642	533	533	569	10.98	cps
Silver	107-1	700	567	608	625	10.91	cps
Sodium	23-2	30382	31576	30515	30824	2.12	cps
Strontium	86-1	792	592	742	708	14.69	cps
Strontium	88-1	525	458	467	483	7.52	cps
Sulfur	34-1	262737	263889	269501	265376	1.36	cps
Terbium	159-1	21047227	21079367	21106384	21077660	0.14	cps
Terbium	159-2	10391710	10343211	10413617	10382846	0.35	cps
Thallium	203-1	1667	1625	1425	1572	8.22	cps
Thallium	205-1	3884	3626	3517	3676	5.13	cps
Thorium	232-1	3795	3239	3117	3384	10.68	cps
Tin	118-1	1909	1825	1859	1864	2.25	cps
Titanium	47-1	267	233	217	239	10.66	cps
Uranium	238-1	642	508	567	572	11.68	cps
Vanadium	51-2	37	30	23	30	22.23	cps
Yttrium	89-1	16145187	16364315	16300509	16270004	0.69	cps
Yttrium	89-2	2241093	2228449	2261554	2243699	0.74	cps

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Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2018-12-19 17:04:52	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	460	477	453	463	2.59	cps
Zirconium	90-1	1558	1734	1625	1639	5.39	cps
Zirconium	91-1	350	267	392	336	18.94	cps