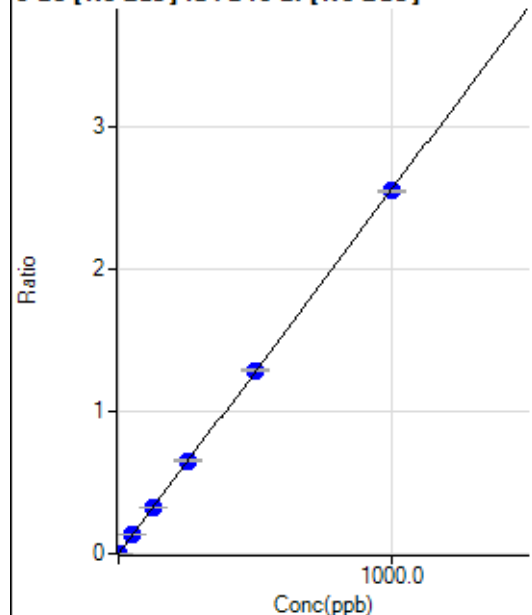


Batch Folder: D:\ICP-MS Data\P7021617.b\
Analysis File: P7021617.batch.bin
DA Date-Time: 2017-02-17 17:14:10
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	002CALB.d	S00	2017-02-16 15:36:57
2			
3	004CAL.S.d	S02	2017-02-16 15:44:47
4	005CAL.S.d	S03	2017-02-16 15:48:40
5	006CAL.S.d	S04	2017-02-16 15:52:33
6	007CAL.S.d	S05	2017-02-16 15:56:24
7	008CAL.S.d	S06	2017-02-16 16:00:11
8	009CAL.S.d	S07	2017-02-16 16:03:55
9	010CAL.S.d	S08	2017-02-16 16:07:34

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	24.07	0.0001	P	13.2
2	☐	0.100					
3	☐	1.000	0.931	616.70	0.0025	P	6.4
4	☐	50.000	51.051	32379.43	0.1304	P	2.0
5	☐	125.000	127.931	80635.50	0.3266	P	0.2
6	☐	250.000	255.761	162322.91	0.6529	P	0.7
7	☐	500.000	502.433	325368.54	1.2824	P	0.9
8	☐	1000.000	996.925	631824.20	2.5445	P	0.8
9	☐			125.93	0.0005	P	13.9

$$y = 0.0026 * x + 9.9371E-005$$

$$R = 1.0000$$

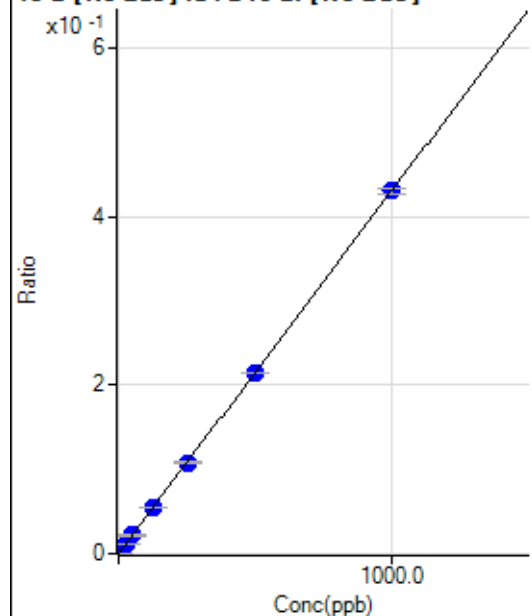
$$DL = 0.01539$$

$$BEC = 0.03894$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.45	0.0002	P	27.7
2	☐	2.500					
3	☐	25.000	27.545	2997.63	0.0120	P	2.3
4	☐	50.000	50.774	5470.67	0.0220	P	4.0
5	☐	125.000	127.466	13589.93	0.0550	P	1.7
6	☐	250.000	251.459	26952.66	0.1084	P	1.9
7	☐	500.000	497.363	54356.83	0.2142	P	0.3
8	☐	1000.000	1000.543	106970.92	0.4308	P	1.5
9	☐			2130.80	0.0089	P	12.5

$$y = 4.3037E-004 * x + 1.8326E-004$$

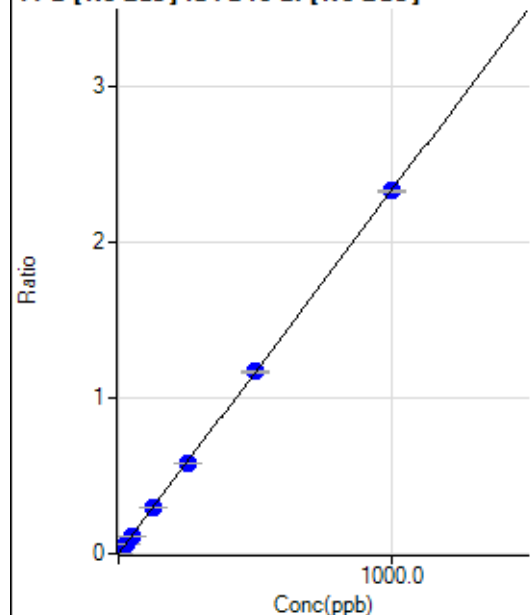
$$R = 1.0000$$

$$DL = 0.3542$$

$$BEC = 0.4258$$

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	180.56	0.0007	P	31.6
2	☐	2.500					
3	☐	25.000	26.149	15336.04	0.0616	P	5.2
4	☐	50.000	49.479	28783.72	0.1159	P	0.9
5	☐	125.000	125.639	72373.63	0.2932	P	1.8
6	☐	250.000	249.701	144674.96	0.5819	P	1.1
7	☐	500.000	501.199	296154.16	1.1672	P	1.1
8	☐	1000.000	999.393	577762.83	2.3267	P	0.4
9	☐			10590.18	0.0442	P	9.0

$$y = 0.0023 * x + 7.4319E-004$$

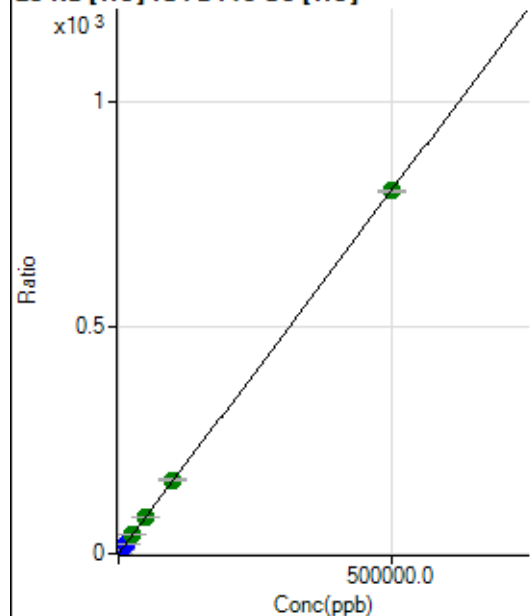
$$R = 1.0000$$

$$DL = 0.3024$$

$$BEC = 0.3193$$

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	6426.63	0.0462	P	3.3
2	☐	50.000					
3	☐	500.000	525.153	125459.62	0.8886	P	0.2
4	☐	5000.000	5386.722	1230777.09	8.6873	P	0.6
5	☐	12500.000	13377.328	3065945.81	21.5055	P	1.2
6	☐	25000.000	26107.160	5939115.80	41.9261	A	0.4
7	☐	50000.000	51346.845	12024186.90	82.4145	A	0.1
8	☐	100000.00	101351.40	23444560.59	162.6296	A	1.4
9	☐	500000.00	499513.85	110813206.6	801.3440	A	0.5

$$y = 0.0016 * x + 0.0462$$

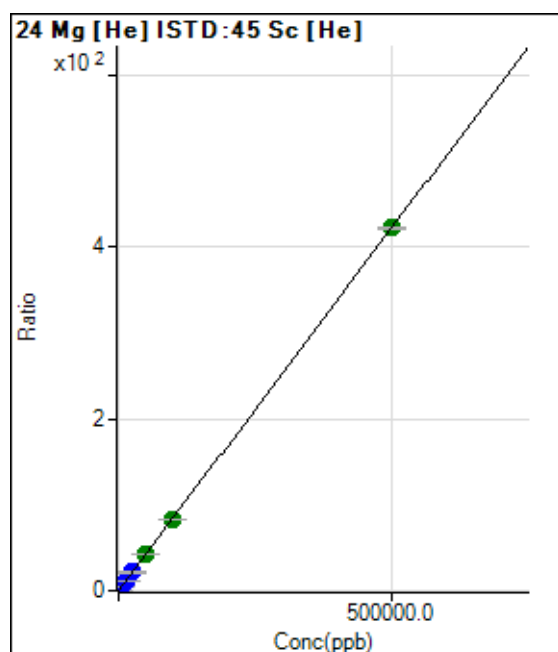
$$R = 1.0000$$

$$DL = 2.812$$

$$BEC = 28.79$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	141.68	0.0010	P	31.1
2	☐	50.000					
3	☐	500.000	513.119	61303.90	0.4342	P	1.2
4	☐	5000.000	5175.943	619263.65	4.3710	P	0.7
5	☐	12500.000	12926.540	1556097.36	10.9147	P	0.7
6	☐	25000.000	25269.015	3022193.90	21.3353	P	0.8
7	☐	50000.000	49915.628	6148685.46	42.1442	A	0.8
8	☐	100000.00	98310.331	11965696.10	83.0033	A	1.2
9	☐	500000.00	500320.48	58412731.17	422.4156	A	0.3

$$y = 8.4429\text{E-}004 * x + 0.0010$$

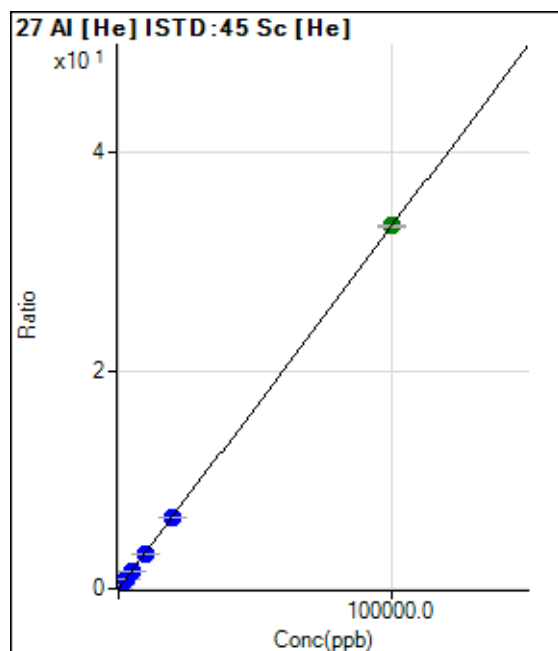
$$R = 1.0000$$

$$DL = 1.125$$

$$BEC = 1.206$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.33	0.0001	P	99.8
2	☐	2.000					
3	☐	20.000	20.016	947.29	0.0067	P	4.7
4	☐	1000.000	1005.674	47350.75	0.3342	P	1.6
5	☐	2500.000	2494.423	118178.02	0.8289	P	0.5
6	☐	5000.000	4989.425	234847.13	1.6580	P	1.2
7	☐	10000.000	9721.082	471269.85	3.2302	P	1.3
8	☐	20000.000	19441.416	931357.46	6.4601	P	0.0
9	☐	100000.00	100140.22	4601428.88	33.2749	A	0.5

$$y = 3.3228\text{E-}004 * x + 5.9694\text{E-}005$$

$$R = 1.0000$$

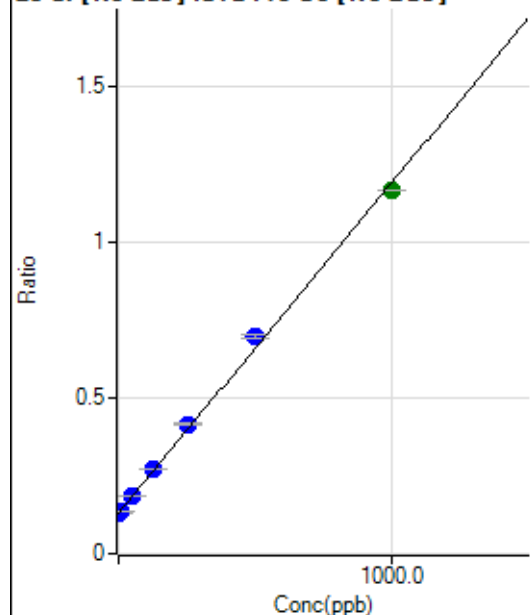
$$DL = 0.5381$$

$$BEC = 0.1796$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	422990.27	0.1300	P	0.4
2	☐	1.000					
3	☐	10.000	3.553	444045.81	0.1338	P	0.7
4	☐	50.000	51.278	612728.06	0.1843	P	0.8
5	☐	125.000	133.327	905345.30	0.2711	P	0.5
6	☐	250.000	269.584	1388938.30	0.4153	P	1.0
7	☐	500.000	535.853	2360433.84	0.6972	P	1.5
8	☐	1000.000	976.137	3896151.39	1.1632	A	0.1
9	☐			463593.44	0.1445	P	0.8

$$y = 0.0011 * x + 0.1300$$

$$R = 0.9987$$

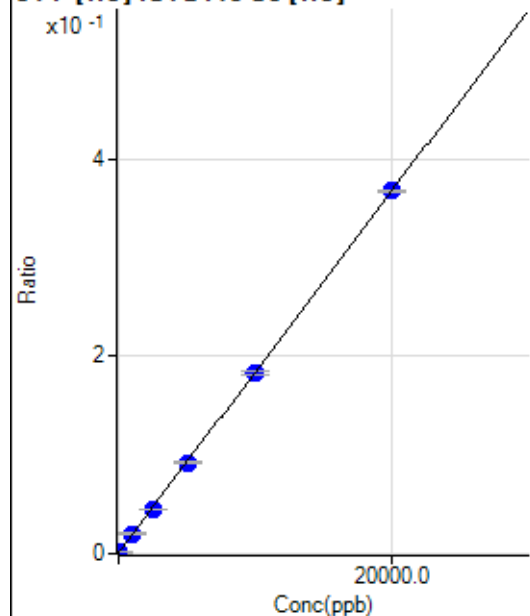
$$DL = 1.649$$

$$BEC = 122.8$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-7.211	105.56	0.0008	P	4.2
2	☐	0.000					
3	☐	0.000	7.211	144.45	0.0010	P	8.2
4	☐	1000.000	1052.067	2858.71	0.0202	P	5.1
5	☐	2500.000	2418.684	6448.85	0.0452	P	0.9
6	☐	5000.000	4957.884	13000.59	0.0918	P	2.2
7	☐	10000.000	9976.404	26813.59	0.1838	P	2.0
8	☐	20000.000	20029.888	53070.08	0.3681	P	0.3
9	☐			91.67	0.0007	P	47.8

$$y = 1.8333E-005 * x + 8.9062E-004$$

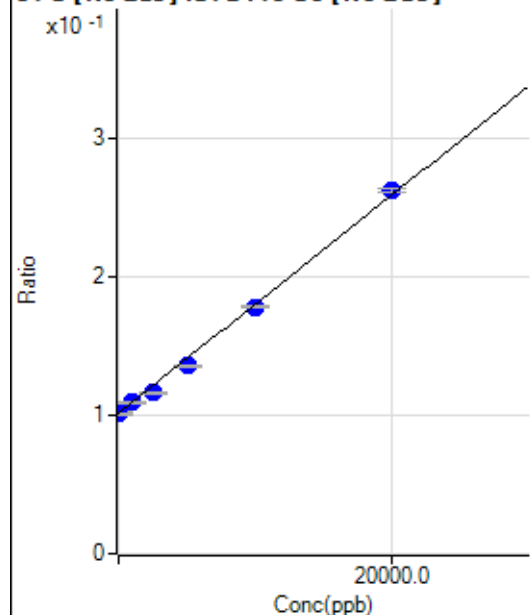
$$R = 1.0000$$

$$DL = 9.484$$

$$BEC = 48.58$$

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	107.479	332906.37	0.1023	P	0.3
2	☐	0.000					
3	☐	0.000	-107.479	334042.91	0.1006	P	0.2
4	☐	1000.000	954.904	362336.14	0.1090	P	0.7
5	☐	2500.000	1875.090	388023.71	0.1162	P	0.8
6	☐	5000.000	4310.987	452599.85	0.1353	P	0.6
7	☐	10000.000	9738.786	602664.47	0.1780	P	0.8
8	☐	20000.000	20383.229	876313.01	0.2616	P	1.1
9	☐			332854.48	0.1038	P	0.9

$$y = 7.8577\text{E-}006 * x + 0.1015$$

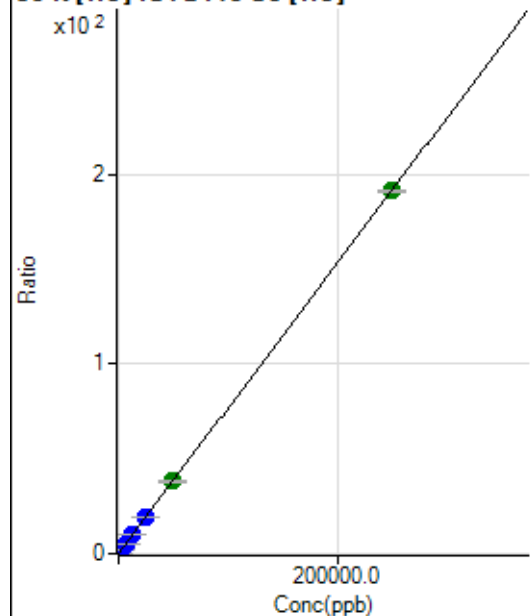
$$R = 0.9989$$

$$DL = 102.3$$

$$BEC = 1.291\text{E}+04$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16540.41	0.1189	P	3.2
2	☐	50.000					
3	☐	500.000	496.393	70306.22	0.4979	P	0.7
4	☐	2500.000	2583.786	296391.63	2.0920	P	0.8
5	☐	6250.000	6436.935	717770.95	5.0346	P	1.0
6	☐	12500.000	12825.927	1404322.08	9.9137	P	0.7
7	☐	25000.000	24945.581	2796795.20	19.1692	P	0.2
8	☐	50000.000	49649.488	5483171.56	38.0351	A	1.1
9	☐	250000.00	250053.74	26422539.48	191.0793	A	0.8

$$y = 7.6368\text{E-}004 * x + 0.1189$$

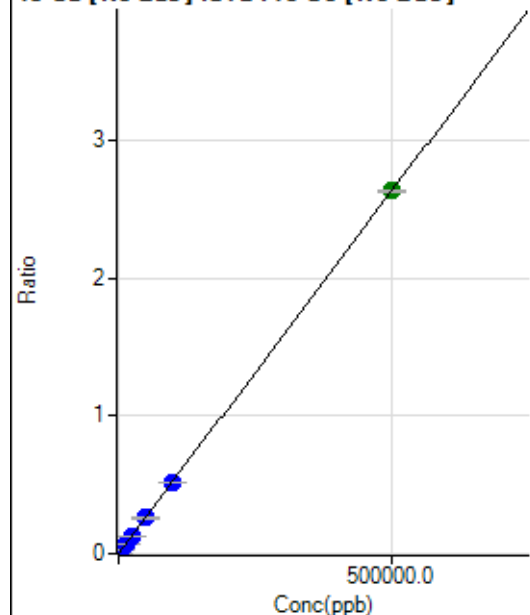
$$R = 1.0000$$

$$DL = 14.74$$

$$BEC = 155.6$$

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	122.23	0.0000	P	20.6
2	☐	50.000					
3	☐	500.000	475.885	8447.18	0.0025	P	3.0
4	☐	5000.000	4917.305	86259.15	0.0259	P	1.8
5	☐	12500.000	12323.746	216915.28	0.0650	P	0.6
6	☐	25000.000	24681.586	434940.96	0.1301	P	0.3
7	☐	50000.000	49201.873	877751.47	0.2592	P	0.8
8	☐	100000.00	97762.721	1725148.37	0.5150	P	0.3
9	☐	500000.00	500548.44	8459842.29	2.6369	A	0.9

$$y = 5.2679\text{E-}006 * x + 3.7553\text{E-}005$$

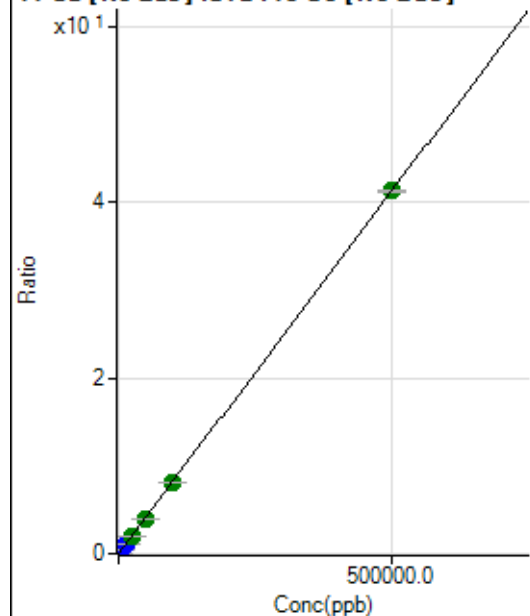
$$R = 1.0000$$

$$DL = 4.395$$

$$BEC = 7.129$$

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	7213.21	0.0022	P	2.2
2	☐	50.000					
3	☐	500.000	493.543	142432.41	0.0429	P	0.7
4	☐	5000.000	5025.535	1385010.65	0.4165	P	0.4
5	☐	12500.000	12420.505	3426642.96	1.0261	P	0.1
6	☐	25000.000	24662.631	6806642.34	2.0354	A	1.0
7	☐	50000.000	48785.142	13625189.19	4.0240	A	1.0
8	☐	100000.00	97427.507	26909744.35	8.0340	A	0.9
9	☐	500000.00	500654.59	132427379.3	41.2755	A	0.7

$$y = 8.2439\text{E-}005 * x + 0.0022$$

$$R = 1.0000$$

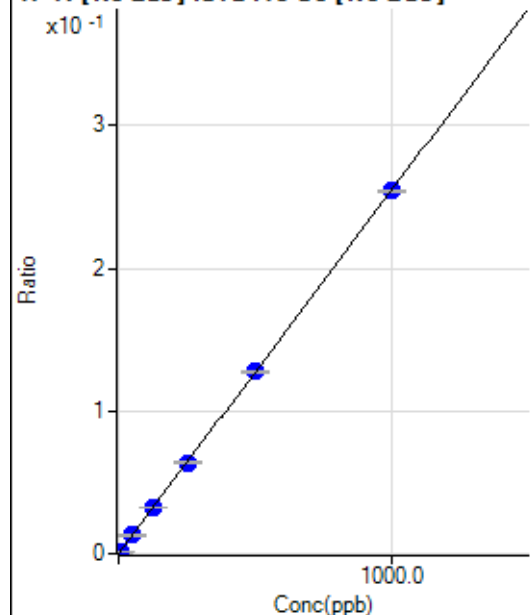
$$DL = 1.773$$

$$BEC = 26.89$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	119.45	0.0000	P	24.3
2	☐	0.500					
3	☐	5.000	4.667	4067.40	0.0012	P	6.7
4	☐	50.000	50.209	42637.52	0.0128	P	0.7
5	☐	125.000	125.432	106786.48	0.0320	P	1.0
6	☐	250.000	250.034	213045.85	0.0637	P	1.8
7	☐	500.000	502.646	433522.15	0.1280	P	1.1
8	☐	1000.000	998.606	851902.33	0.2543	P	0.5
9	☐			1784.90	0.0006	P	80.5

$$y = 2.5465E-004 * x + 3.6703E-005$$

$$R = 1.0000$$

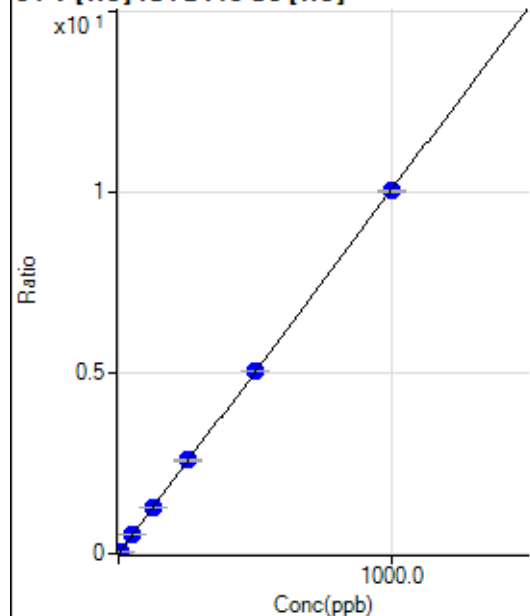
$$DL = 0.105$$

$$BEC = 0.1441$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7.78	0.0001	P	65.5
2	☐	0.500					
3	☐	5.000	4.936	7026.21	0.0498	P	2.2
4	☐	50.000	50.835	72550.58	0.5121	P	1.5
5	☐	125.000	127.967	183770.99	1.2890	P	0.8
6	☐	250.000	256.626	366160.54	2.5849	P	1.0
7	☐	500.000	501.796	737436.14	5.0544	P	0.2
8	☐	1000.000	997.033	1447833.83	10.0427	P	0.3
9	☐			348.90	0.0025	P	5.2

$$y = 0.0101 * x + 5.5850E-005$$

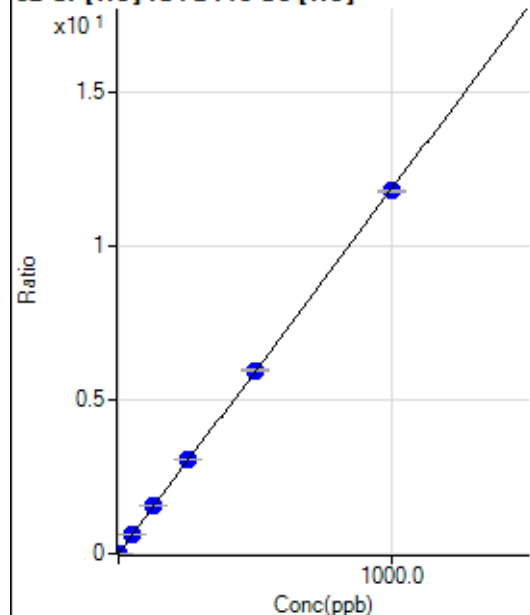
$$R = 1.0000$$

$$DL = 0.0109$$

$$BEC = 0.005545$$

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	785.59	0.0056	P	12.4
2	☐	0.200					
3	☐	2.000	1.997	4137.32	0.0293	P	2.4
4	☐	50.000	52.230	88433.00	0.6242	P	1.4
5	☐	125.000	129.830	220005.98	1.5432	P	1.4
6	☐	250.000	258.591	434598.70	3.0681	P	0.9
7	☐	500.000	503.455	870720.75	5.9679	P	0.5
8	☐	1000.000	995.410	1700342.35	11.7940	P	0.3
9	☐			36609.95	0.2648	P	0.9

$$y = 0.0118 * x + 0.0056$$

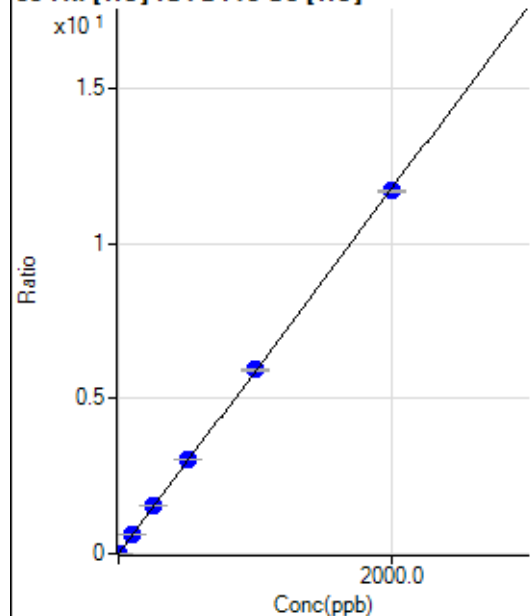
$$R = 0.9999$$

$$DL = 0.1774$$

$$BEC = 0.4768$$

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	37.78	0.0003	P	18.2
2	☐	0.100					
3	☐	1.000	1.038	901.16	0.0064	P	1.1
4	☐	100.000	103.953	86747.04	0.6123	P	1.0
5	☐	250.000	260.725	218877.52	1.5353	P	0.8
6	☐	500.000	518.779	432701.09	3.0545	P	0.2
7	☐	1000.000	1008.435	866246.52	5.9373	P	0.6
8	☐	2000.000	1989.549	1688751.40	11.7135	P	0.2
9	☐			6541.55	0.0473	P	1.4

$$y = 0.0059 * x + 2.7140E-004$$

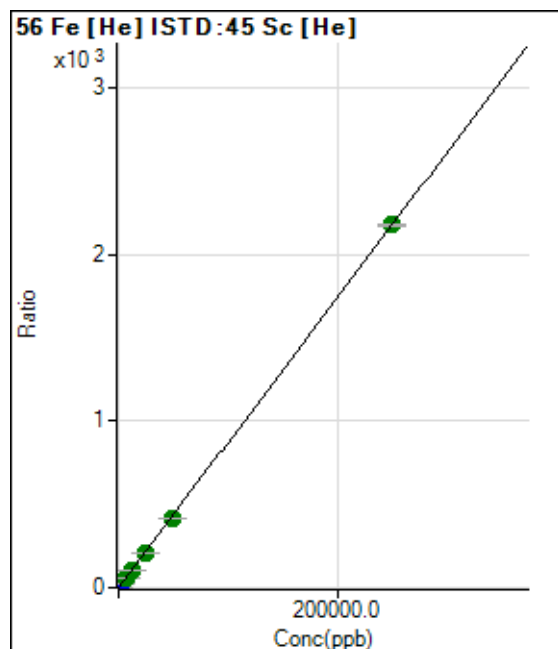
$$R = 0.9999$$

$$DL = 0.02518$$

$$BEC = 0.0461$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2518.80	0.0181	P	4.0
2	☐	5.000					
3	☐	50.000	52.075	66494.82	0.4710	P	0.6
4	☐	2500.000	2595.256	3200290.78	22.5891	P	1.0
5	☐	6250.000	6272.591	7780147.22	54.5710	A	0.2
6	☐	12500.000	12411.608	15293191.20	107.9622	A	0.7
7	☐	25000.000	24154.857	30652545.13	210.0935	A	0.0
8	☐	50000.000	47850.190	59997679.12	416.1724	A	0.8
9	☐	250000.00	250517.37	301278328.9	2,178.773	A	0.7

$$y = 0.0087 * x + 0.0181$$

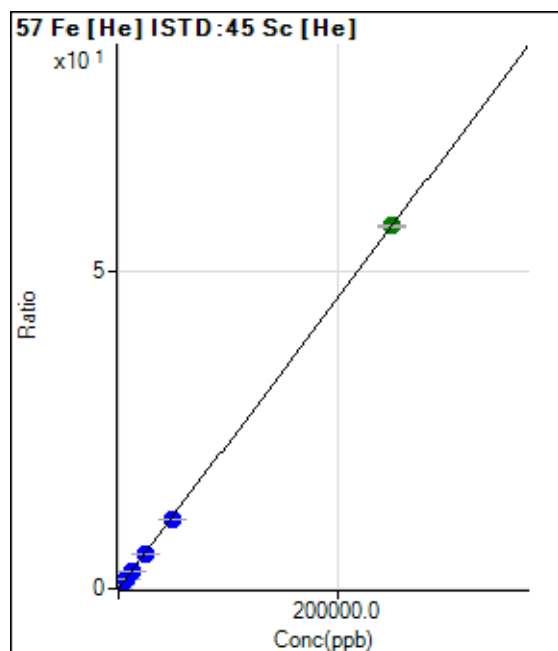
$$R = 1.0000$$

$$DL = 0.2523$$

$$BEC = 2.081$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	42.59	0.0003	P	15.1
2	☐	5.000					
3	☐	50.000	47.292	1568.64	0.0111	P	6.7
4	☐	2500.000	2537.470	82127.16	0.5797	P	1.3
5	☐	6250.000	6347.221	206661.88	1.4496	P	0.8
6	☐	12500.000	12568.434	406566.89	2.8701	P	0.4
7	☐	25000.000	24429.933	813913.60	5.5785	P	0.6
8	☐	50000.000	48067.744	1582373.78	10.9758	P	0.3
9	☐	250000.00	250437.23	7907423.61	57.1834	A	0.7

$$y = 2.2833E-004 * x + 3.0607E-004$$

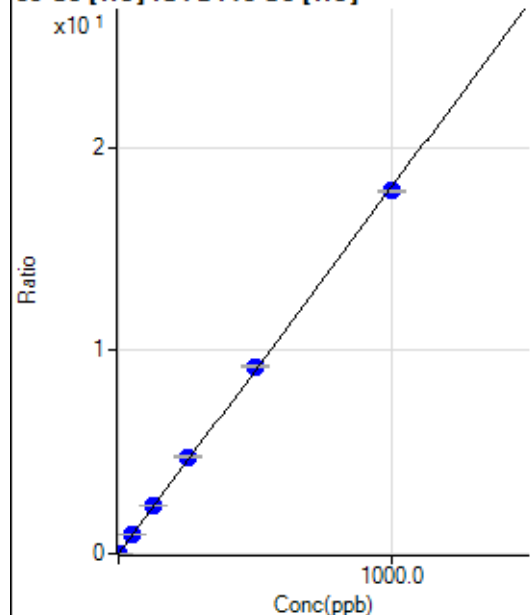
$$R = 1.0000$$

$$DL = 0.6074$$

$$BEC = 1.34$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	76.67	0.0006	P	20.1
2	☐	0.100					
3	☐	1.000	1.031	2703.63	0.0192	P	8.0
4	☐	50.000	53.280	136255.30	0.9617	P	1.4
5	☐	125.000	132.154	339979.73	2.3846	P	1.1
6	☐	250.000	264.636	676371.87	4.7747	P	0.6
7	☐	500.000	510.300	1343207.65	9.2065	P	0.7
8	☐	1000.000	990.132	2575280.87	17.8628	P	0.4
9	☐			3214.85	0.0232	P	3.1

$$y = 0.0180 * x + 5.5103E-004$$

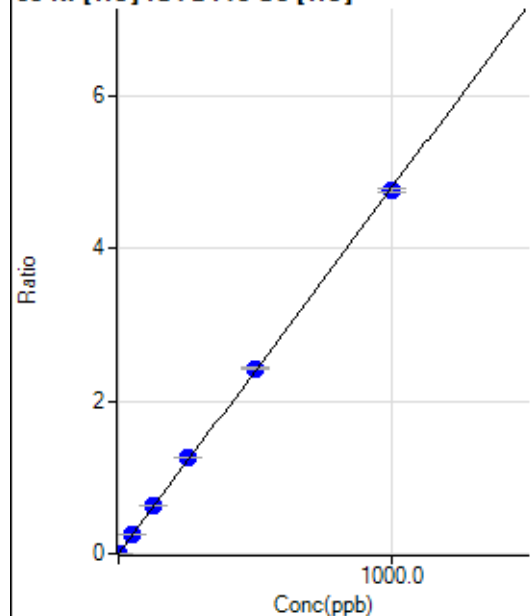
$$R = 0.9998$$

$$DL = 0.0184$$

$$BEC = 0.03054$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	28.89	0.0002	P	12.9
2	☐	0.100					
3	☐	1.000	1.096	768.92	0.0054	P	8.0
4	☐	50.000	52.570	35644.53	0.2516	P	0.4
5	☐	125.000	130.951	89306.58	0.6264	P	1.8
6	☐	250.000	263.172	178308.46	1.2587	P	0.8
7	☐	500.000	506.571	353451.44	2.4226	P	0.8
8	☐	1000.000	992.549	684265.07	4.7465	P	0.9
9	☐			8069.01	0.0583	P	1.8

$$y = 0.0048 * x + 2.0751E-004$$

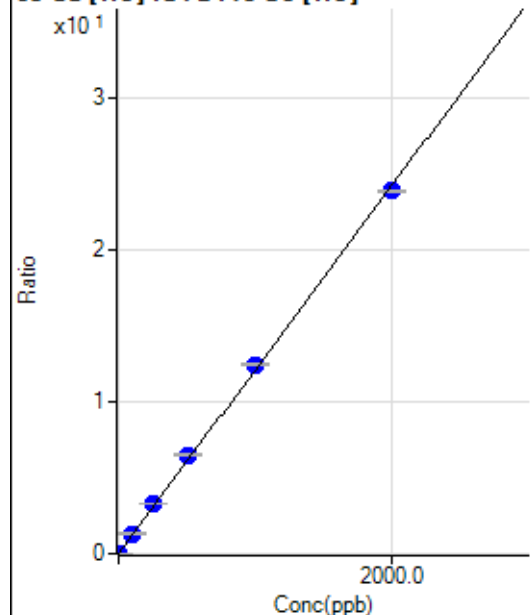
$$R = 0.9999$$

$$DL = 0.01675$$

$$BEC = 0.0434$$

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	183.34	0.0013	P	8.6
2	☐	0.200					
3	☐	2.000	2.160	3880.58	0.0275	P	5.4
4	☐	100.000	109.155	187608.36	1.3242	P	1.6
5	☐	250.000	269.851	466452.28	3.2718	P	1.1
6	☐	500.000	537.961	923779.53	6.5212	P	0.3
7	☐	1000.000	1027.180	1816530.62	12.4504	P	0.7
8	☐	2000.000	1973.980	3449225.33	23.9253	P	0.5
9	☐			4826.43	0.0349	P	2.2

$$y = 0.0121 * x + 0.0013$$

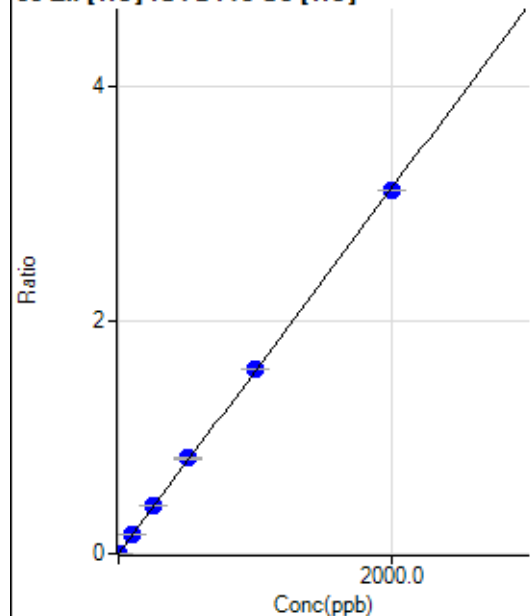
$$R = 0.9996$$

$$DL = 0.02812$$

$$BEC = 0.1087$$

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	52.22	0.0004	P	15.8
2	☐	0.200					
3	☐	2.000	2.064	508.91	0.0036	P	10.2
4	☐	100.000	104.468	23199.73	0.1638	P	0.5
5	☐	250.000	261.269	58303.61	0.4090	P	1.5
6	☐	500.000	521.254	115532.28	0.8156	P	0.5
7	☐	1000.000	1013.535	231311.95	1.5854	P	0.2
8	☐	2000.000	1986.287	447893.20	3.1067	P	0.1
9	☐			2143.53	0.0155	P	8.4

$$y = 0.0016 * x + 3.7514E-004$$

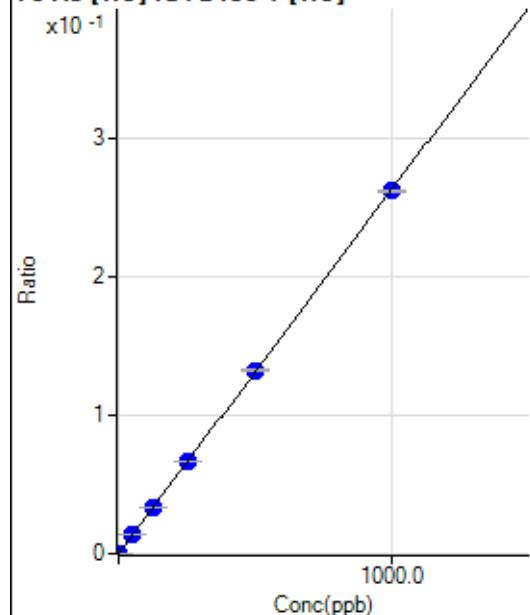
$$R = 0.9999$$

$$DL = 0.1139$$

$$BEC = 0.2399$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7.41	0.0000	P	66.3
2	☐	0.100					
3	☐	1.000	0.918	166.67	0.0003	P	5.5
4	☐	50.000	50.478	8808.28	0.0132	P	0.5
5	☐	125.000	126.966	22315.32	0.0333	P	0.8
6	☐	250.000	252.103	44418.13	0.0661	P	0.1
7	☐	500.000	504.072	90193.11	0.1322	P	0.7
8	☐	1000.000	997.169	176683.56	0.2615	P	0.8
9	☐			247.54	0.0004	P	12.9

$$y = 2.6221\text{E-}004 * x + 1.1381\text{E-}005$$

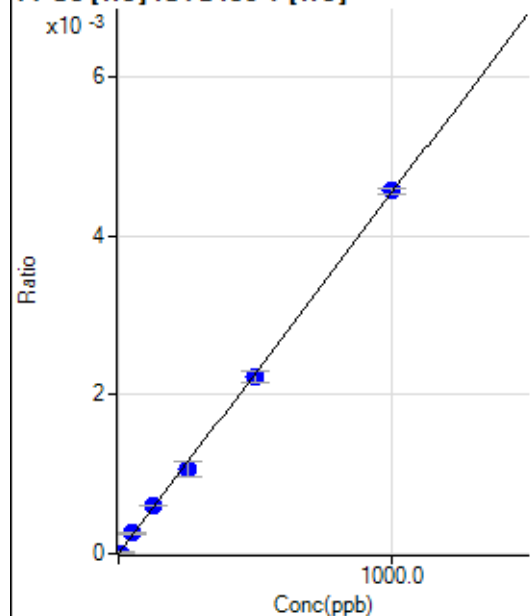
$$R = 1.0000$$

$$DL = 0.0863$$

$$BEC = 0.04341$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	2.587	7.78	0.0000	P	98.6
4	☐	50.000	56.772	171.11	0.0003	P	3.1
5	☐	125.000	132.417	402.24	0.0006	P	2.3
6	☐	250.000	234.145	713.36	0.0011	P	17.2
7	☐	500.000	492.116	1522.33	0.0022	P	6.8
8	☐	1000.000	1006.652	3083.71	0.0046	P	1.3
9	☐			4.44	0.0000	P	44.7

$$y = 4.5332\text{E-}006 * x + 0.0000\text{E+}000$$

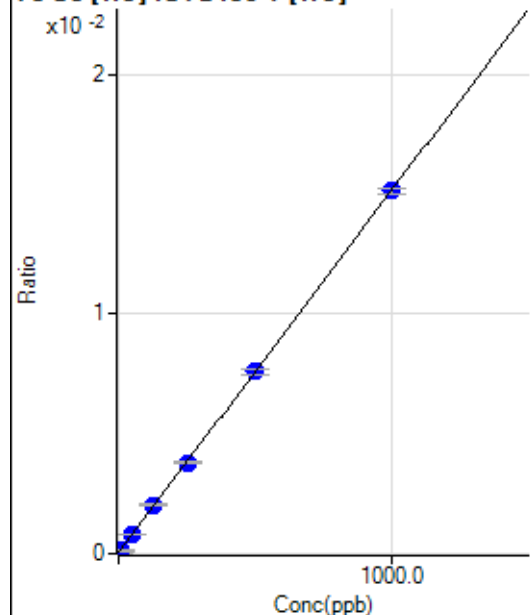
$$R = 0.9997$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	28.39	0.0000	P	56.8
2	☐	0.500					
3	☐	5.000	5.277	81.48	0.0001	P	16.2
4	☐	50.000	49.932	530.88	0.0008	P	7.8
5	☐	125.000	130.864	1354.40	0.0020	P	3.0
6	☐	250.000	248.540	2552.72	0.0038	P	2.1
7	☐	500.000	500.711	5193.56	0.0076	P	3.4
8	☐	1000.000	999.279	10235.16	0.0151	P	1.7
9	☐			54.94	0.0001	P	11.6

$$y = 1.5114\text{E-}005 * x + 4.3558\text{E-}005$$

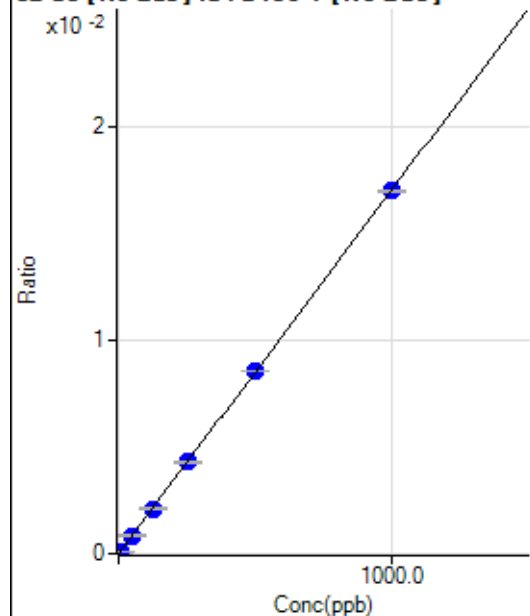
$$R = 1.0000$$

$$DL = 4.91$$

$$BEC = 2.882$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-8.69	0.0000	P	-603.
2	☐	0.500					
3	☐	5.000	4.397	342.07	0.0001	P	3.0
4	☐	50.000	50.002	3926.74	0.0008	P	2.5
5	☐	125.000	124.295	9788.33	0.0021	P	2.0
6	☐	250.000	252.280	19775.64	0.0043	P	0.7
7	☐	500.000	502.321	39905.90	0.0085	P	0.9
8	☐	1000.000	998.361	78183.27	0.0170	P	0.7
9	☐			146.46	0.0000	P	37.6

$$y = 1.7016\text{E-}005 * x - 1.8513\text{E-}006$$

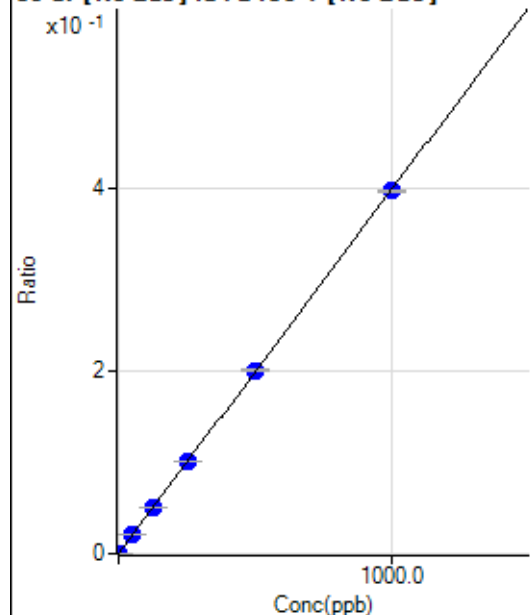
$$R = 1.0000$$

$$DL = 1.97$$

$$BEC = -0.1088$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	519.48	0.0001	P	7.8
2	☐	0.100					
3	☐	1.000	0.887	2180.81	0.0005	P	1.7
4	☐	50.000	50.916	94392.04	0.0204	P	0.8
5	☐	125.000	125.270	231834.20	0.0500	P	0.8
6	☐	250.000	253.689	466579.54	0.1012	P	0.5
7	☐	500.000	503.907	938528.31	0.2010	P	0.6
8	☐	1000.000	997.045	1829837.13	0.3975	P	0.7
9	☐			52652.76	0.0122	P	0.8

$$y = 3.9861E-004 * x + 1.1149E-004$$

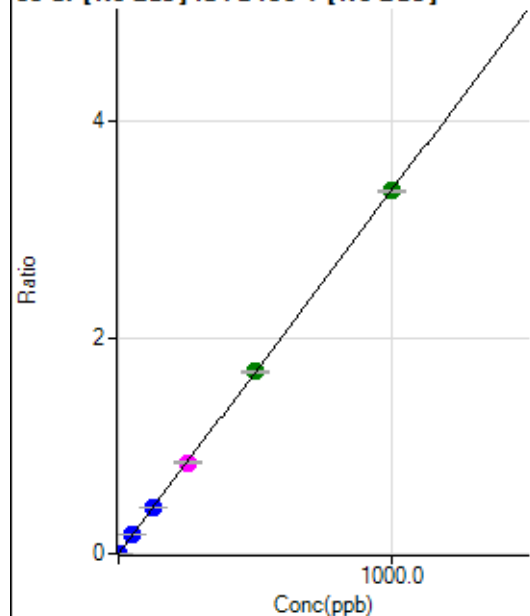
$$R = 1.0000$$

$$DL = 0.06558$$

$$BEC = 0.2797$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	108.34	0.0000	P	32.9
2	☐	0.100					
3	☐	1.000	0.910	14449.46	0.0031	P	2.9
4	☐	50.000	50.779	789750.80	0.1707	P	0.4
5	☐	125.000	125.978	1962153.26	0.4236	P	0.6
6	☐	250.000	250.564	3882641.58	0.8424	M	1.0
7	☐	500.000	500.704	7861242.19	1.6834	A	0.8
8	☐	1000.000	999.346	15464915.80	3.3598	A	0.6
9	☐			448596.80	0.1038	P	0.3

$$y = 0.0034 * x + 2.3216E-005$$

$$R = 1.0000$$

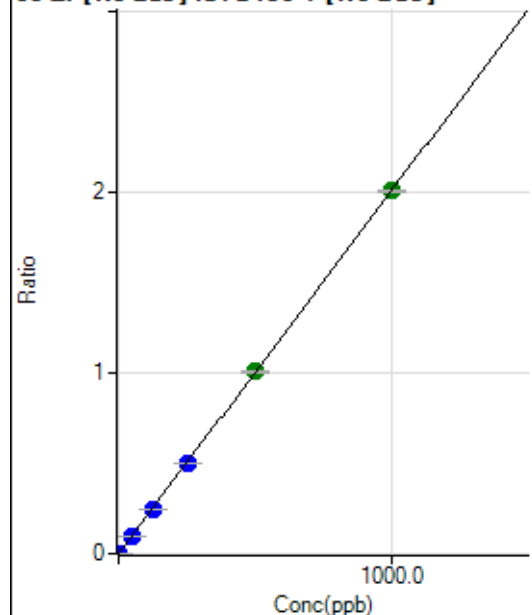
$$DL = 0.006824$$

$$BEC = 0.006905$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	280.57	0.0001	P	21.8
2	☐	0.100					
3	☐	1.000	0.686	6743.51	0.0014	P	5.5
4	☐	50.000	48.679	452912.03	0.0979	P	0.6
5	☐	125.000	123.874	1153907.46	0.2491	P	0.0
6	☐	250.000	248.839	2305833.38	0.5003	P	0.4
7	☐	500.000	501.492	4708237.08	1.0082	A	0.5
8	☐	1000.000	999.752	9251074.68	2.0099	A	0.7
9	☐			2700.36	0.0006	P	4.9

$$y = 0.0020 * x + 6.0195E-005$$

$$R = 1.0000$$

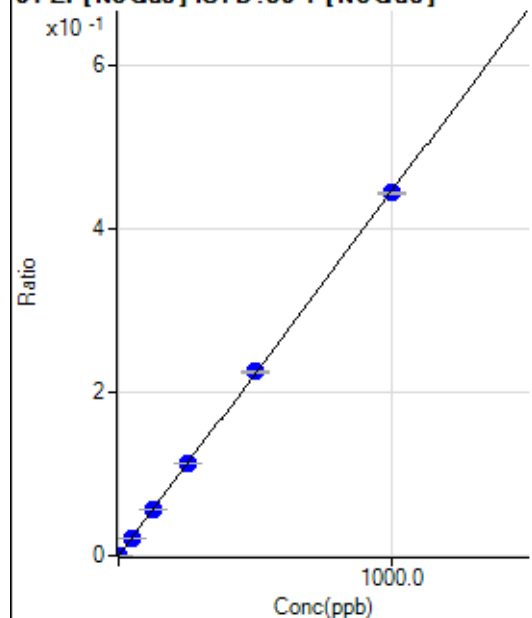
$$DL = 0.01959$$

$$BEC = 0.02994$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	38.89	0.0000	P	32.3
2	☐	0.100					
3	☐	1.000	0.689	1480.70	0.0003	P	2.2
4	☐	50.000	49.036	101315.38	0.0219	P	0.7
5	☐	125.000	125.750	260147.11	0.0562	P	1.3
6	☐	250.000	254.731	524270.21	0.1138	P	0.6
7	☐	500.000	505.599	1054326.28	0.2258	P	0.9
8	☐	1000.000	995.972	2047038.31	0.4447	P	0.6
9	☐			616.71	0.0001	P	8.2

$$y = 4.4652E-004 * x + 8.3333E-006$$

$$R = 1.0000$$

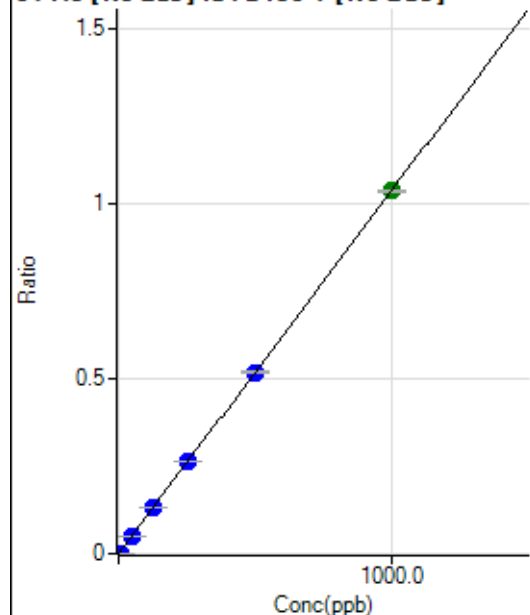
$$DL = 0.01809$$

$$BEC = 0.01866$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	97.23	0.0000	P	4.3
2	☐	0.500					
3	☐	5.000	1.886	9261.69	0.0020	P	2.5
4	☐	50.000	48.892	234524.73	0.0507	P	1.4
5	☐	125.000	125.626	603356.54	0.1302	P	1.0
6	☐	250.000	252.543	1206693.10	0.2618	P	0.2
7	☐	500.000	498.959	2415500.29	0.5173	P	0.8
8	☐	1000.000	999.878	4770889.82	1.0365	A	0.9
9	☐			9550.78	0.0022	P	5.3

$$y = 0.0010 * x + 2.0856E-005$$

$$R = 1.0000$$

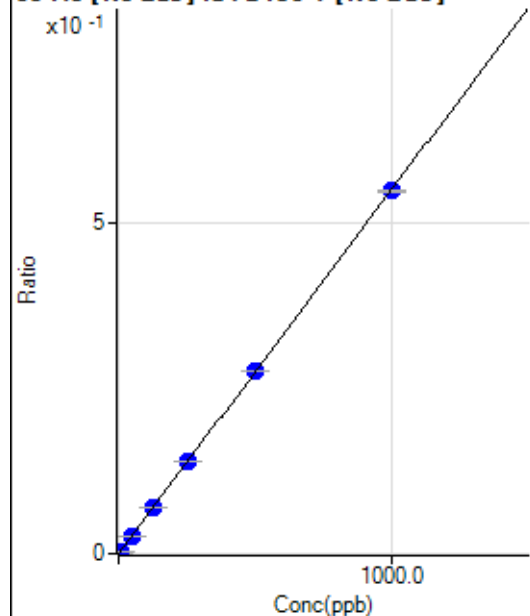
$$DL = 0.002582$$

$$BEC = 0.02012$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.67	0.0000	P	34.1
2	☐	0.500					
3	☐	5.000	4.590	11863.74	0.0025	P	2.4
4	☐	50.000	49.280	125265.51	0.0271	P	1.3
5	☐	125.000	125.244	318767.72	0.0688	P	1.7
6	☐	250.000	254.484	644390.27	0.1398	P	0.8
7	☐	500.000	503.627	1292124.52	0.2767	P	0.2
8	☐	1000.000	997.073	2521344.20	0.5478	P	0.6
9	☐			14126.95	0.0033	P	4.9

$$y = 5.4938E-004 * x + 8.9255E-006$$

$$R = 1.0000$$

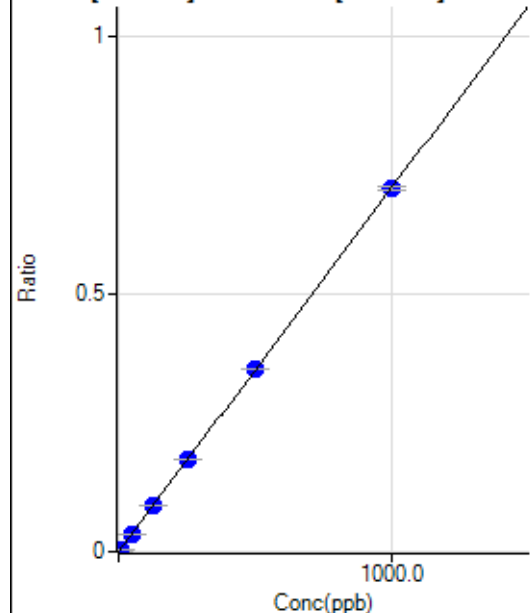
$$DL = 0.01664$$

$$BEC = 0.01625$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	77.78	0.0000	P	33.8
2	☐	0.500					
3	☐	5.000	3.948	13139.90	0.0028	P	2.2
4	☐	50.000	49.311	161053.52	0.0348	P	0.3
5	☐	125.000	125.539	410515.98	0.0886	P	1.0
6	☐	250.000	254.458	827788.50	0.1796	P	0.8
7	☐	500.000	502.250	1655444.77	0.3545	P	0.3
8	☐	1000.000	997.733	3241290.22	0.7042	P	1.0
9	☐			18014.72	0.0042	P	4.7

$$y = 7.0577\text{E-}004 * x + 1.6667\text{E-}005$$

$$R = 1.0000$$

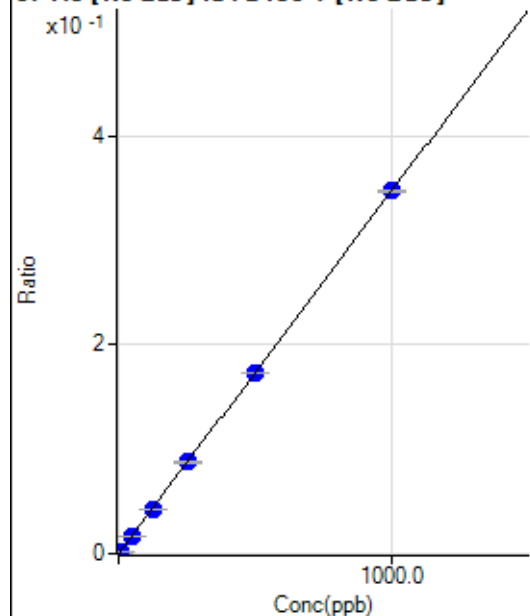
$$DL = 0.02398$$

$$BEC = 0.02361$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.67	0.0000	P	19.3
2	☐	0.500					
3	☐	5.000	4.518	7399.45	0.0016	P	4.1
4	☐	50.000	48.066	77267.47	0.0167	P	0.9
5	☐	125.000	122.711	197492.91	0.0426	P	1.3
6	☐	250.000	251.932	403367.79	0.0875	P	0.3
7	☐	500.000	498.480	808638.60	0.1732	P	0.7
8	☐	1000.000	1000.662	1599945.33	0.3476	P	0.4
9	☐			8847.52	0.0020	P	4.8

$$y = 3.4736\text{E-}004 * x + 8.9316\text{E-}006$$

$$R = 1.0000$$

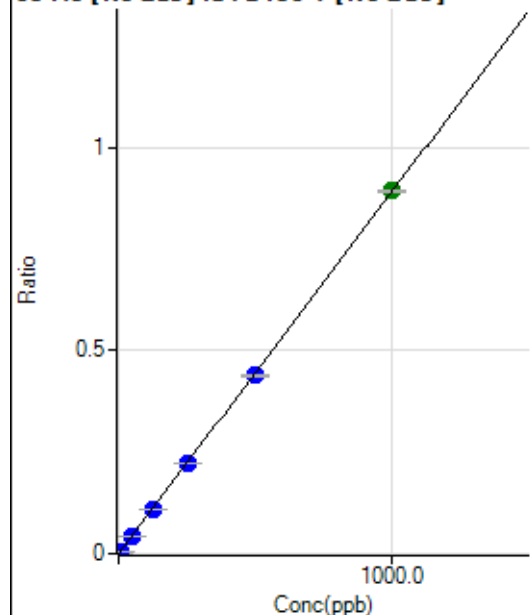
$$DL = 0.01493$$

$$BEC = 0.02571$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	86.12	0.0000	P	5.1
2	☐	0.500					
3	☐	5.000	4.620	19363.76	0.0041	P	1.8
4	☐	50.000	48.068	197982.84	0.0428	P	1.1
5	☐	125.000	123.322	508567.79	0.1098	P	1.3
6	☐	250.000	250.098	1026075.77	0.2226	P	0.5
7	☐	500.000	493.209	2050162.33	0.4390	P	0.7
8	☐	1000.000	1003.679	4112253.65	0.8934	A	0.7
9	☐			22880.14	0.0053	P	4.8

$$y = 8.9010\text{E-}004 * x + 1.8474\text{E-}005$$

$$R = 1.0000$$

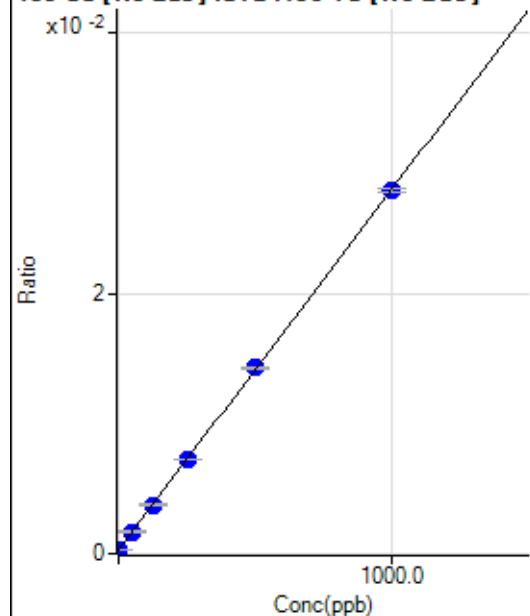
$$DL = 0.003167$$

$$BEC = 0.02075$$

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	1472.36	0.0003	P	11.8
2	☐	0.100					
3	☐	1.000	1.123	1616.83	0.0004	P	4.2
4	☐	50.000	49.738	7805.25	0.0017	P	1.1
5	☐	125.000	124.116	17169.36	0.0038	P	1.5
6	☐	250.000	250.633	33320.58	0.0073	P	1.9
7	☐	500.000	505.769	65976.42	0.0143	P	1.2
8	☐	1000.000	997.080	126030.64	0.0279	P	1.1
9	☐			1375.12	0.0003	P	5.3

$$y = 2.7655\text{E-}005 * x + 3.1904\text{E-}004$$

$$R = 1.0000$$

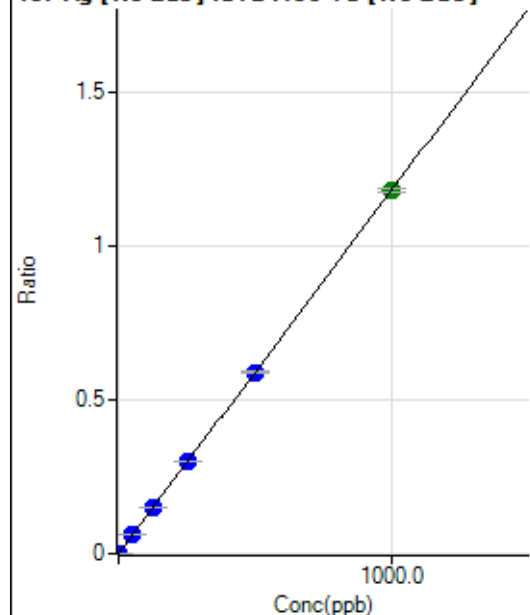
$$DL = 4.071$$

$$BEC = 11.54$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.44	0.0000	P	20.8
2	☐	0.100					
3	☐	1.000	0.996	5470.75	0.0012	P	4.3
4	☐	50.000	50.834	276296.76	0.0600	P	1.5
5	☐	125.000	128.972	696568.45	0.1522	P	0.5
6	☐	250.000	255.315	1384596.46	0.3013	P	0.6
7	☐	500.000	499.326	2717260.70	0.5892	P	0.4
8	☐	1000.000	998.470	5323430.59	1.1782	A	1.0
9	☐			627.82	0.0001	P	26.2

$$y = 0.0012 * x + 9.6106E-006$$

$$R = 1.0000$$

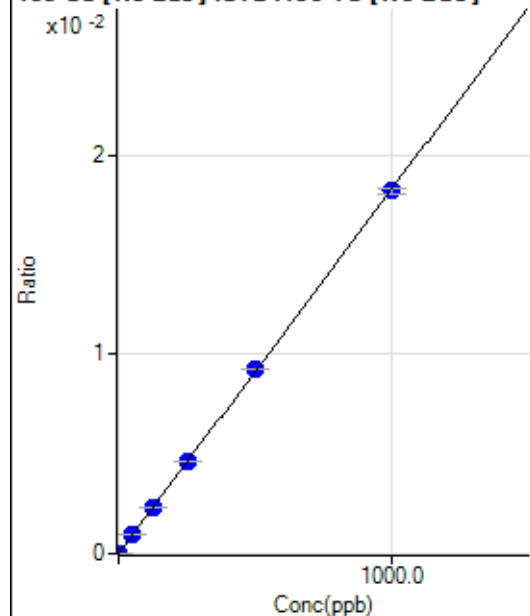
$$DL = 0.005089$$

$$BEC = 0.008145$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0000	P	57.9
2	☐	0.100					
3	☐	1.000	0.856	83.34	0.0000	P	6.0
4	☐	50.000	51.622	4353.53	0.0009	P	4.8
5	☐	125.000	125.861	10536.06	0.0023	P	2.6
6	☐	250.000	253.087	21260.67	0.0046	P	1.5
7	☐	500.000	506.157	42657.33	0.0092	P	0.1
8	☐	1000.000	995.961	82225.58	0.0182	P	1.3
9	☐			13.89	0.0000	P	62.4

$$y = 1.8270E-005 * x + 2.4131E-006$$

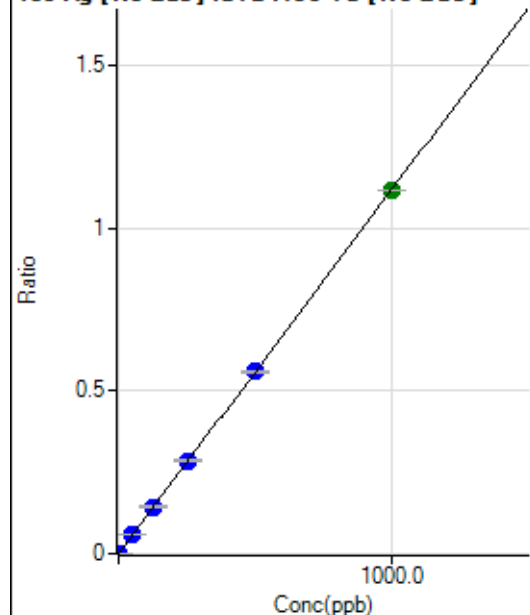
$$R = 1.0000$$

$$DL = 0.2294$$

$$BEC = 0.1321$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0000	P	86.6
2	☐	0.100					
3	☐	1.000	0.986	5106.68	0.0011	P	0.3
4	☐	50.000	51.989	267425.84	0.0581	P	1.6
5	☐	125.000	129.167	660203.36	0.1443	P	0.6
6	☐	250.000	255.872	1313212.72	0.2857	P	1.0
7	☐	500.000	500.806	2579246.15	0.5593	P	0.6
8	☐	1000.000	997.508	5033507.23	1.1140	A	0.1
9	☐			516.70	0.0001	P	3.1

$$y = 0.0011 * x + 4.7845E-006$$

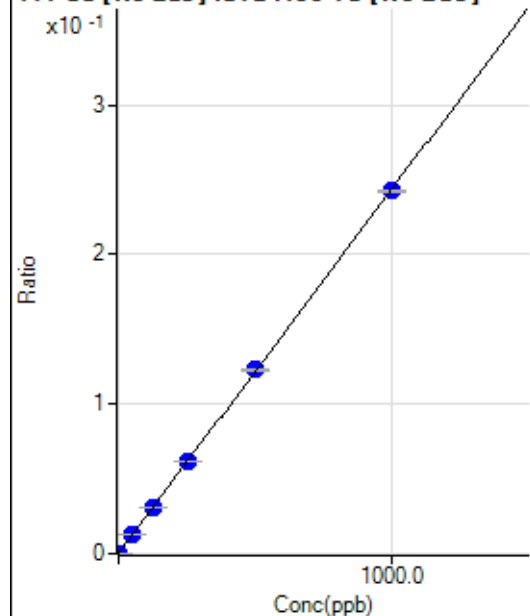
$$R = 1.0000$$

$$DL = 0.01113$$

$$BEC = 0.004284$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1038.16	0.0002	P	11.5
2	☐	0.100					
3	☐	1.000	0.993	2154.07	0.0005	P	4.4
4	☐	50.000	50.043	57085.51	0.0124	P	0.7
5	☐	125.000	127.116	142508.10	0.0311	P	0.5
6	☐	250.000	253.849	284731.29	0.0620	P	1.2
7	☐	500.000	504.538	566867.94	0.1229	P	0.4
8	☐	1000.000	996.502	1095973.68	0.2426	P	0.6
9	☐			1101.48	0.0003	P	6.4

$$y = 2.4318E-004 * x + 2.2495E-004$$

$$R = 1.0000$$

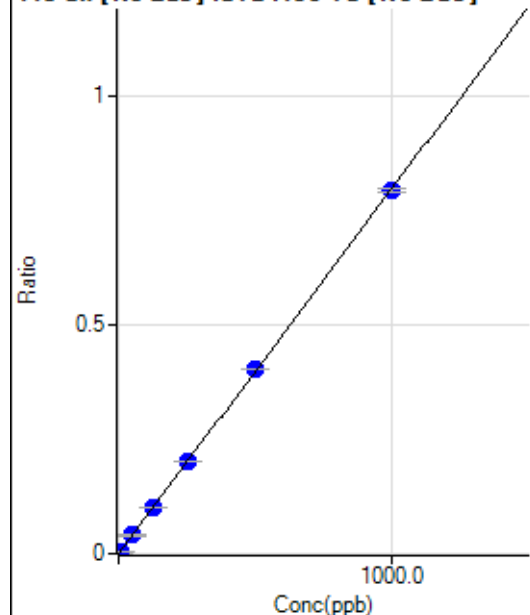
$$DL = 0.318$$

$$BEC = 0.925$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	183.34	0.0000	P	19.4
2	☐	0.500					
3	☐	5.000	4.800	17803.54	0.0039	P	2.2
4	☐	50.000	50.104	183658.28	0.0399	P	1.5
5	☐	125.000	127.410	463829.46	0.1013	P	0.8
6	☐	250.000	254.802	931268.85	0.2026	P	0.4
7	☐	500.000	506.224	1856423.98	0.4025	P	0.4
8	☐	1000.000	995.382	3576157.33	0.7915	P	1.0
9	☐			5440.17	0.0013	P	4.7

$$y = 7.9511\text{E-}004 * x + 3.9685\text{E-}005$$

$$R = 1.0000$$

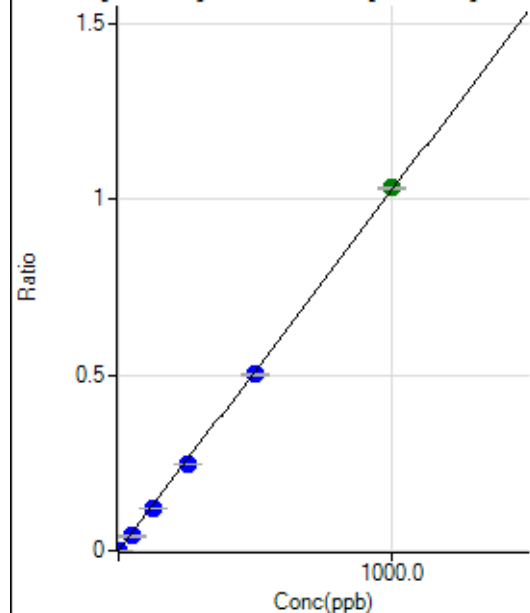
$$DL = 0.0291$$

$$BEC = 0.04991$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0000	P	49.4
2	☐	0.200					
3	☐	2.000	1.838	8703.03	0.0019	P	3.2
4	☐	50.000	40.099	189127.23	0.0411	P	1.6
5	☐	125.000	117.000	548323.78	0.1198	P	1.8
6	☐	250.000	242.544	1141459.38	0.2484	P	0.1
7	☐	500.000	490.078	2314354.22	0.5018	P	0.7
8	☐	1000.000	1008.321	4665322.20	1.0325	A	0.9
9	☐			25543.55	0.0060	P	4.9

$$y = 0.0010 * x + 3.5986\text{E-}006$$

$$R = 0.9999$$

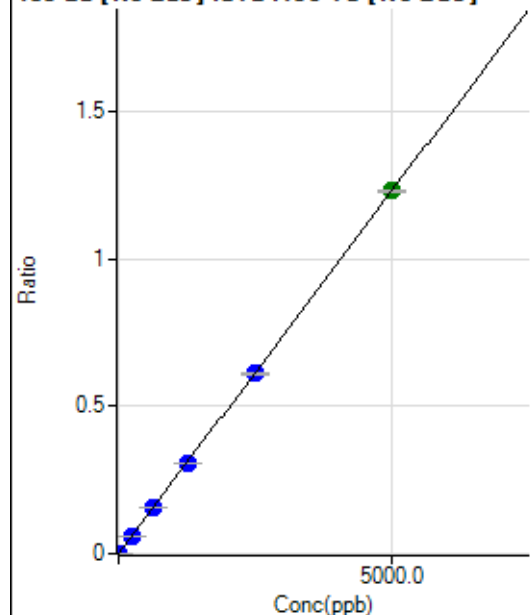
$$DL = 0.005208$$

$$BEC = 0.003514$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0000	P	49.4
2	☐	1.000					
3	☐	10.000	9.578	10893.55	0.0024	P	3.2
4	☐	250.000	250.125	283380.28	0.0615	P	1.4
5	☐	625.000	629.190	708352.66	0.1548	P	1.5
6	☐	1250.000	1254.519	1418246.89	0.3086	P	0.4
7	☐	2500.000	2483.629	2817508.42	0.6109	P	0.4
8	☐	5000.000	5006.527	5564675.73	1.2315	A	0.9
9	☐			1769.63	0.0004	P	6.5

$$y = 2.4599\text{E-}004 * x + 3.5986\text{E-}006$$

$$R = 1.0000$$

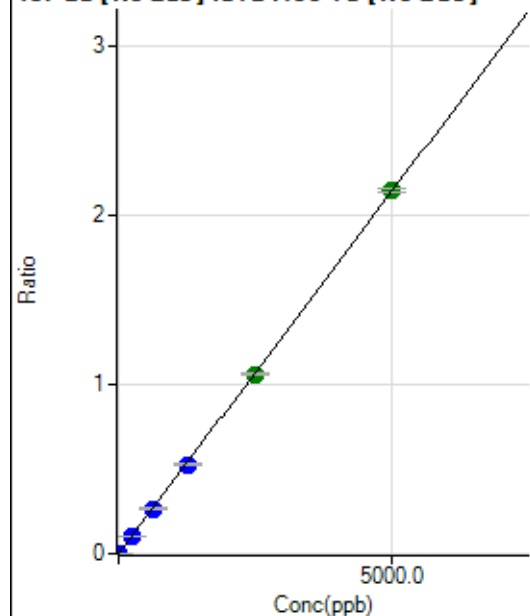
$$DL = 0.02168$$

$$BEC = 0.01463$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0000	P	96.1
2	☐	1.000					
3	☐	10.000	9.398	18554.75	0.0040	P	1.6
4	☐	250.000	247.111	486038.67	0.1055	P	0.6
5	☐	625.000	624.289	1220136.84	0.2666	P	0.7
6	☐	1250.000	1234.614	2422948.97	0.5272	P	0.9
7	☐	2500.000	2477.788	4879604.19	1.0581	A	0.7
8	☐	5000.000	5015.187	9676556.64	2.1416	A	1.1
9	☐			3056.02	0.0007	P	7.2

$$y = 4.2703\text{E-}004 * x + 5.9936\text{E-}006$$

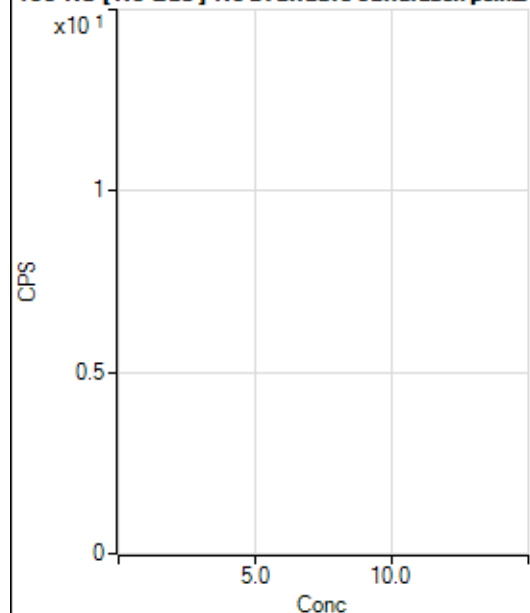
$$R = 1.0000$$

$$DL = 0.04048$$

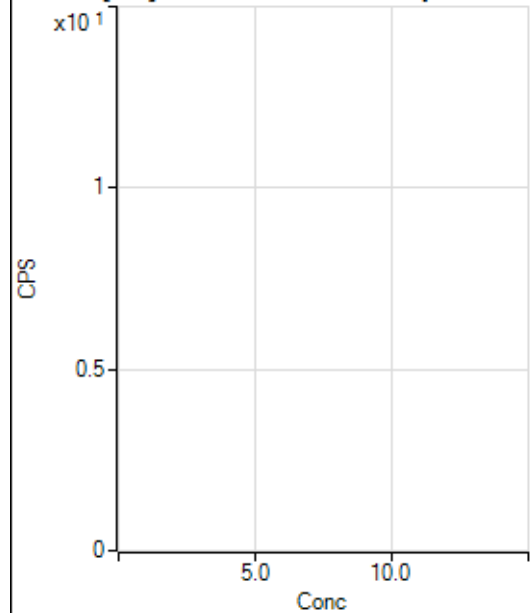
$$BEC = 0.01404$$

Weight: <None>

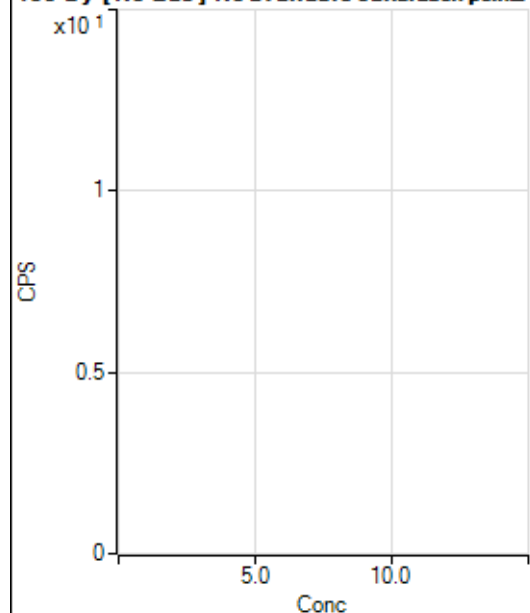
Min Conc: 0

150 Nd [No Gas] No available calibration points

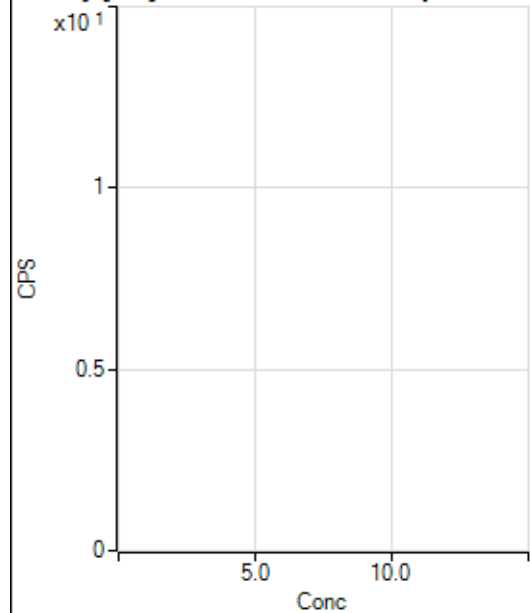
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	173.2
2	☐						
3	☐			2.22		P	173.2
4	☐			31.11		P	49.5
5	☐			48.89		P	28.4
6	☐			66.67		P	30.0
7	☐			144.45		P	14.1
8	☐			273.34		P	8.8
9	☐			60.00		P	29.4

150 Nd [He] No available calibration points

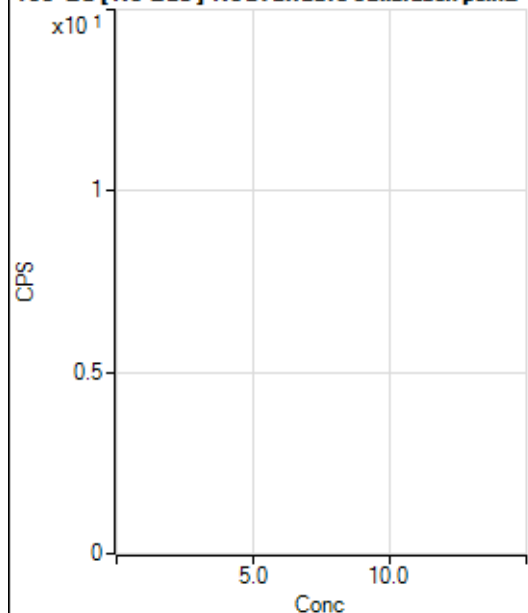
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			2.22		P	86.6
5	☐			6.67		P	50.0
6	☐			11.11		P	62.5
7	☐			13.33		P	25.0
8	☐			17.78		P	21.7
9	☐			22.22		P	56.8

156 Dy [No Gas] No available calibration points

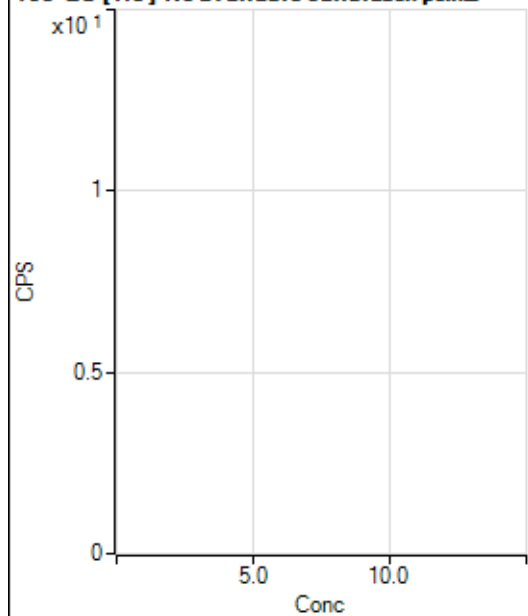
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	NaN
2	☐						
3	☐			19.45		P	24.7
4	☐			13.89		P	69.3
5	☐			25.00		P	57.7
6	☐			13.89		P	34.7
7	☐			30.56		P	56.8
8	☐			83.34		P	45.8
9	☐			55.56		P	17.3

156 Dy [He] No available calibration points

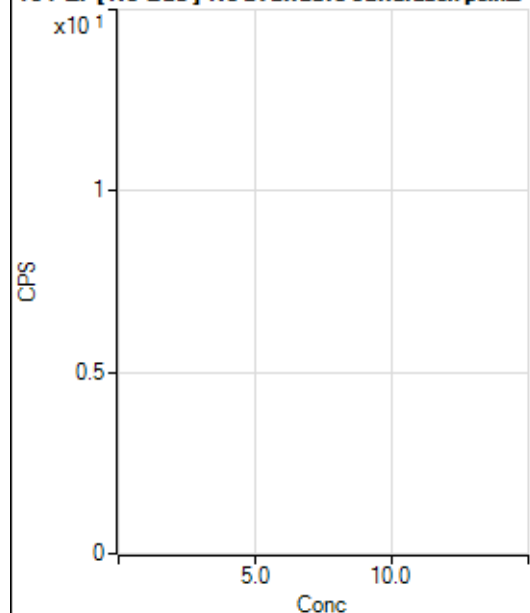
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.1
2	☐						
3	☐			3.33		P	0.0
4	☐			2.22		P	173.2
5	☐			5.56		P	34.7
6	☐			5.56		P	34.7
7	☐			7.78		P	24.7
8	☐			11.11		P	45.8
9	☐			31.11		P	22.3

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

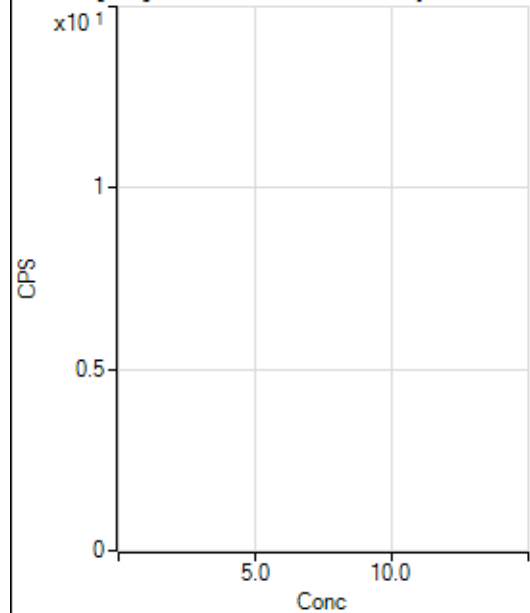
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.56		P	31.5
2	☐						
3	☐			25.00		P	57.7
4	☐			27.78		P	17.3
5	☐			27.78		P	96.4
6	☐			33.33		P	25.0
7	☐			41.67		P	69.3
8	☐			50.00		P	44.1
9	☐			69.45		P	38.6

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	49.5
2	☐						
3	☐			12.22		P	31.5
4	☐			10.00		P	66.7
5	☐			10.00		P	57.7
6	☐			15.55		P	44.6
7	☐			11.11		P	34.6
8	☐			13.33		P	50.0
9	☐			44.45		P	30.3

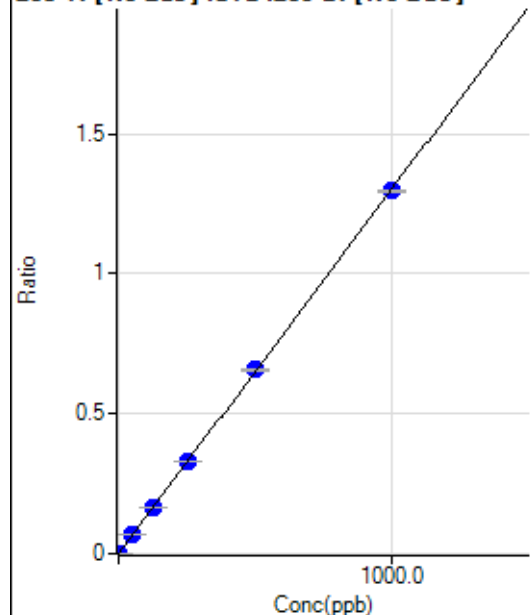
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	114.6
2	☐						
3	☐			22.22		P	43.3
4	☐			22.22		P	21.6
5	☐			11.11		P	86.6
6	☐			25.00		P	57.7
7	☐			16.67		P	50.0
8	☐			36.11		P	35.3
9	☐			33.33		P	50.0

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	50.0
2	☐						
3	☐			8.89		P	43.3
4	☐			6.67		P	100.0
5	☐			8.89		P	94.4
6	☐			7.78		P	24.7
7	☐			15.56		P	32.7
8	☐			16.67		P	52.9
9	☐			24.45		P	28.4

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	44.44	0.0000	P	21.7
2	☐	0.100					
3	☐	1.000	1.018	3692.34	0.0013	P	6.2
4	☐	50.000	51.351	183936.53	0.0669	P	0.9
5	☐	125.000	127.533	460252.65	0.1660	P	0.7
6	☐	250.000	253.067	920391.17	0.3294	P	0.2
7	☐	500.000	505.153	1830503.49	0.6575	P	0.5
8	☐	1000.000	996.273	3508206.20	1.2967	P	0.4
9	☐			1163.99	0.0005	P	21.5

$$y = 0.0013 * x + 1.6532E-005$$

$$R = 1.0000$$

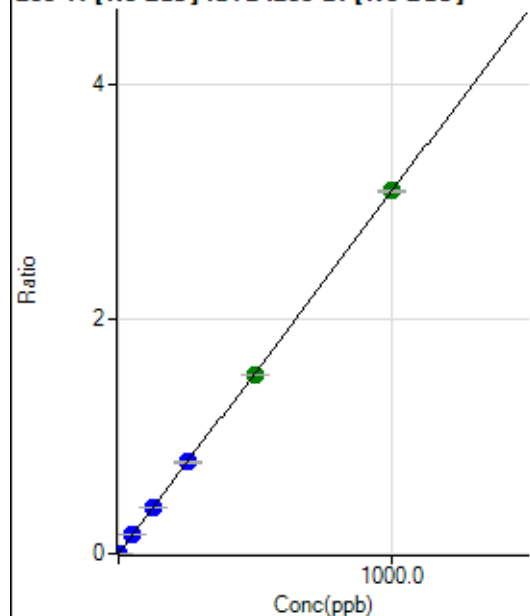
$$DL = 0.00828$$

$$BEC = 0.0127$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	63.89	0.0000	P	45.5
2	☐	0.100					
3	☐	1.000	0.993	8491.96	0.0031	P	2.9
4	☐	50.000	50.970	432326.42	0.1571	P	0.7
5	☐	125.000	127.795	1092148.57	0.3939	P	0.4
6	☐	250.000	252.588	2175449.51	0.7786	P	0.7
7	☐	500.000	494.155	4240490.94	1.5231	A	0.8
8	☐	1000.000	1001.877	8354818.50	3.0880	A	0.5
9	☐			2722.62	0.0011	P	10.0

$$y = 0.0031 * x + 2.3747E-005$$

$$R = 1.0000$$

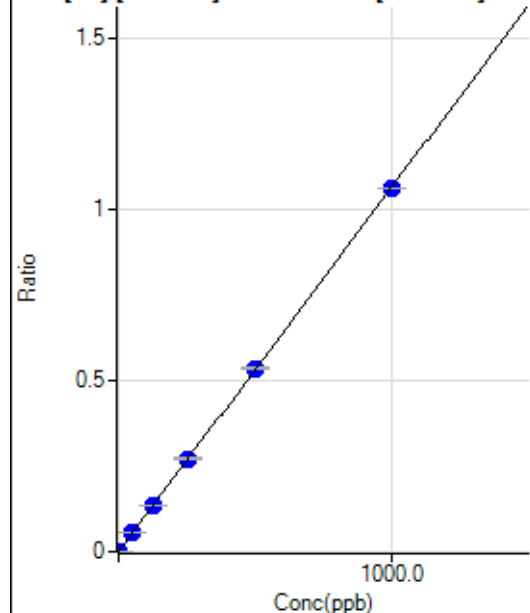
$$DL = 0.01051$$

$$BEC = 0.007705$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	275.94	0.0001	P	8.4
2	☐	0.100					
3	☐	1.000	1.018	3261.60	0.0012	P	6.1
4	☐	50.000	51.602	151171.03	0.0549	P	0.5
5	☐	125.000	128.297	378303.49	0.1364	P	0.2
6	☐	250.000	255.910	760203.97	0.2721	P	0.5
7	☐	500.000	503.806	1490927.80	0.5355	P	0.4
8	☐	1000.000	996.127	2864361.03	1.0587	P	0.2
9	☐			5406.81	0.0022	P	4.2

$$y = 0.0011 * x + 1.0259E-004$$

$$R = 1.0000$$

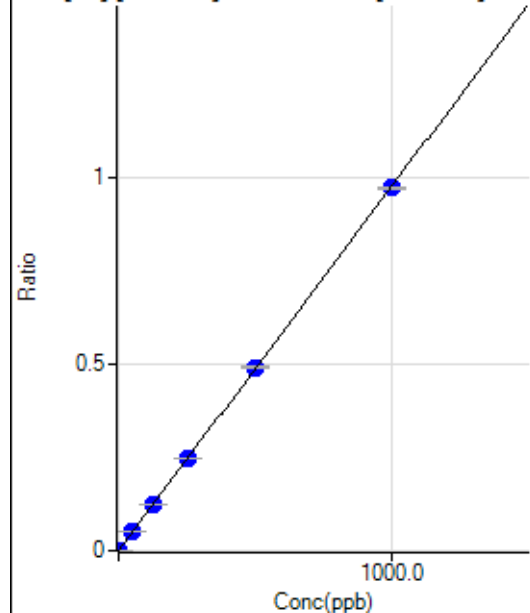
$$DL = 0.02432$$

$$BEC = 0.09654$$

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	227.79	0.0001	P	0.7
2	☐	0.100					
3	☐	1.000	1.023	2981.89	0.0011	P	5.7
4	☐	50.000	50.933	137031.20	0.0498	P	0.6
5	☐	125.000	127.858	346272.78	0.1249	P	1.0
6	☐	250.000	252.790	689746.40	0.2468	P	0.3
7	☐	500.000	504.356	1370920.79	0.4924	P	0.6
8	☐	1000.000	996.720	2632578.91	0.9730	P	0.4
9	☐			4675.02	0.0019	P	4.8

$$y = 9.7614E-004 * x + 8.4726E-005$$

$$R = 1.0000$$

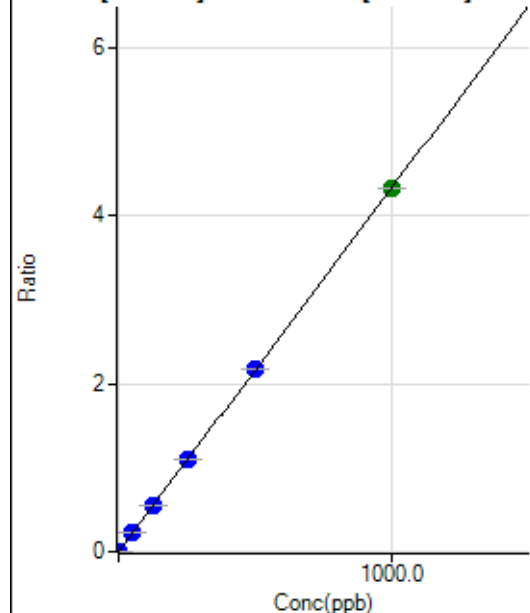
$$DL = 0.001803$$

$$BEC = 0.0868$$

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	1087.09	0.0004	P	5.4
2	☐	0.100					
3	☐	1.000	1.006	13086.19	0.0048	P	1.7
4	☐	50.000	51.515	614084.41	0.2232	P	0.5
5	☐	125.000	128.233	1538633.81	0.5550	P	0.5
6	☐	250.000	253.843	3068530.84	1.0982	P	0.2
7	☐	500.000	501.082	6034156.13	2.1673	P	0.5
8	☐	1000.000	998.019	11678080.24	4.3164	A	0.2
9	☐			21049.60	0.0086	P	3.9

$$y = 0.0043 * x + 4.0431E-004$$

$$R = 1.0000$$

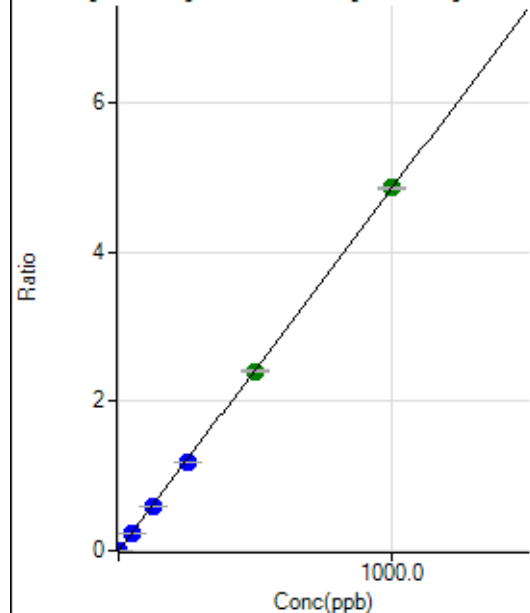
$$DL = 0.01523$$

$$BEC = 0.09349$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	111.12	0.0000	P	10.8
2	☐	0.100					
3	☐	1.000	1.010	13568.79	0.0049	P	1.0
4	☐	50.000	49.940	665082.80	0.2417	P	0.9
5	☐	125.000	124.531	1670952.55	0.6027	P	0.2
6	☐	250.000	244.921	3311964.94	1.1853	P	0.2
7	☐	500.000	496.218	6685697.02	2.4014	A	0.4
8	☐	1000.000	1003.222	13134910.62	4.8549	A	0.5
9	☐			2944.91	0.0012	P	8.7

$$y = 0.0048 * x + 4.1309E-005$$

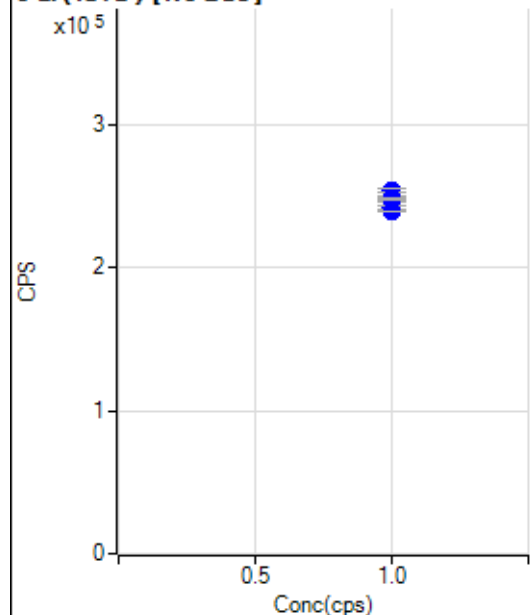
$$R = 1.0000$$

$$DL = 0.002763$$

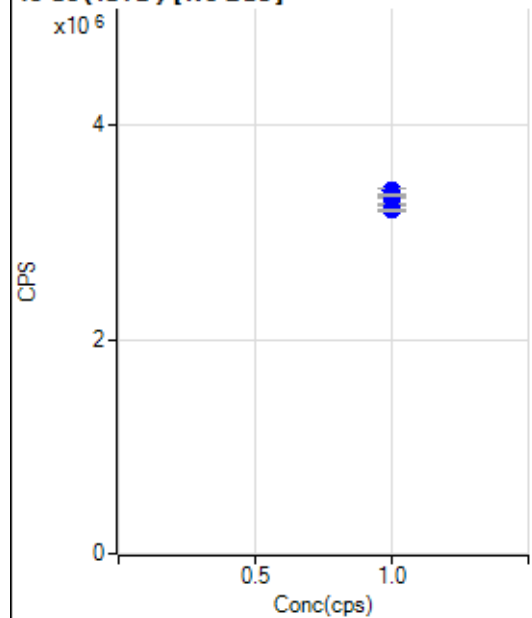
$$BEC = 0.008536$$

Weight: <None>

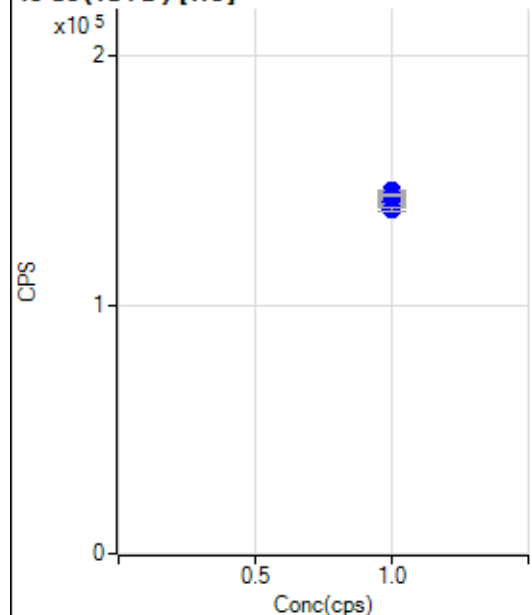
Min Conc: 0

6 Li (ISTD) [No Gas]

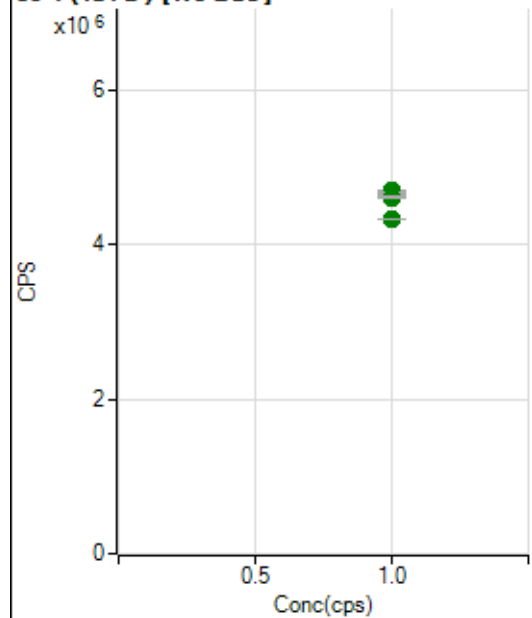
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		242243.23		P	1.4
2	☐	1.000					
3	☐	1.000		249001.53		P	0.6
4	☐	1.000		248363.19		P	1.4
5	☐	1.000		246889.00		P	0.6
6	☐	1.000		248641.64		P	0.7
7	☐	1.000		253731.32		P	1.2
8	☐	1.000		248320.12		P	0.8
9	☐	1.000		239515.67		P	0.3

45 Sc (ISTD) [No Gas]

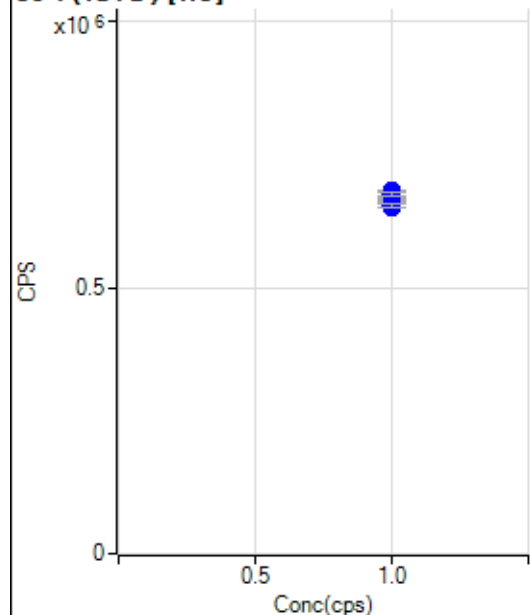
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3253957.84		P	0.8
2	☐	1.000					
3	☐	1.000		3319836.77		P	0.1
4	☐	1.000		3325271.86		P	0.8
5	☐	1.000		3339334.40		P	0.1
6	☐	1.000		3344248.21		P	0.5
7	☐	1.000		3386234.67		P	1.5
8	☐	1.000		3349572.69		P	0.6
9	☐	1.000		3208321.95		P	0.5

45 Sc (ISTD) [He]

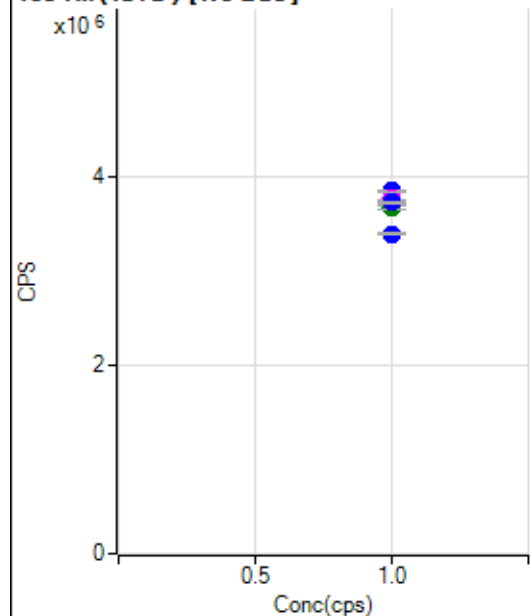
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		139170.75		P	0.5
2	☐	1.000					
3	☐	1.000		141187.43		P	1.5
4	☐	1.000		141677.20		P	0.4
5	☐	1.000		142570.31		P	0.6
6	☐	1.000		141659.85		P	1.0
7	☐	1.000		145899.66		P	0.5
8	☐	1.000		144170.22		P	0.9
9	☐	1.000		138283.58		P	0.8

89 Y (ISTD) [No Gas]

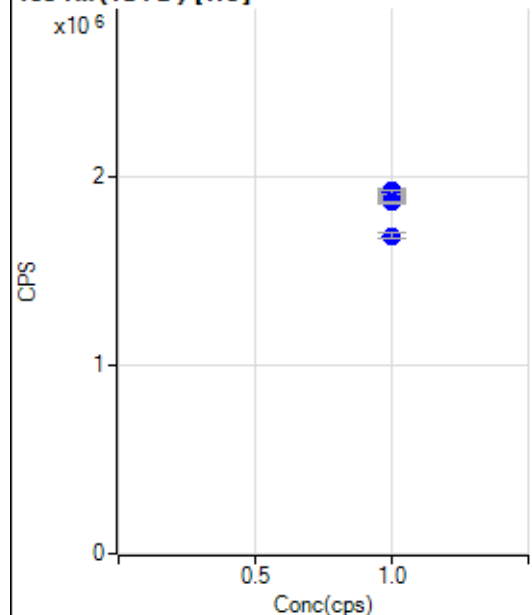
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4660904.34		A	0.7
2	☐	1.000					
3	☐	1.000		4687906.11		A	0.5
4	☐	1.000		4625394.17		A	0.1
5	☐	1.000		4632595.80		A	0.7
6	☐	1.000		4608991.29		A	0.9
7	☐	1.000		4669960.45		A	0.5
8	☐	1.000		4602921.91		A	0.5
9	☐	1.000		4323550.73		A	0.4

89 Y(ISTD) [He]

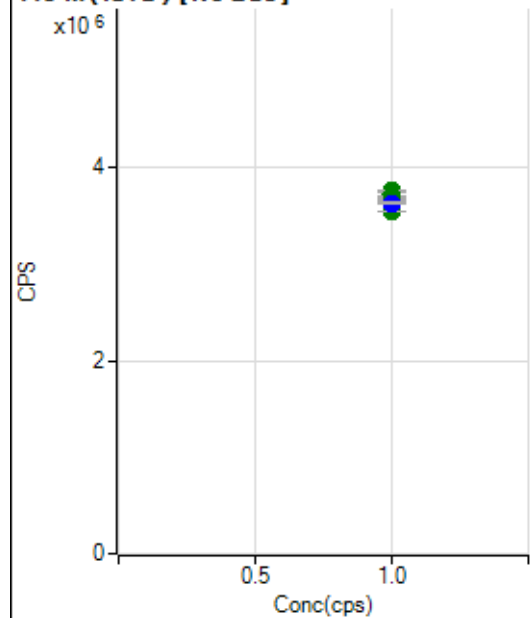
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		651212.44		P	0.3
2	☐	1.000					
3	☐	1.000		661034.28		P	0.9
4	☐	1.000		664908.16		P	0.5
5	☐	1.000		670090.42		P	0.5
6	☐	1.000		671830.97		P	0.5
7	☐	1.000		682327.00		P	0.3
8	☐	1.000		675714.00		P	0.9
9	☐	1.000		655138.59		P	1.2

103 Rh(ISTD) [No Gas]

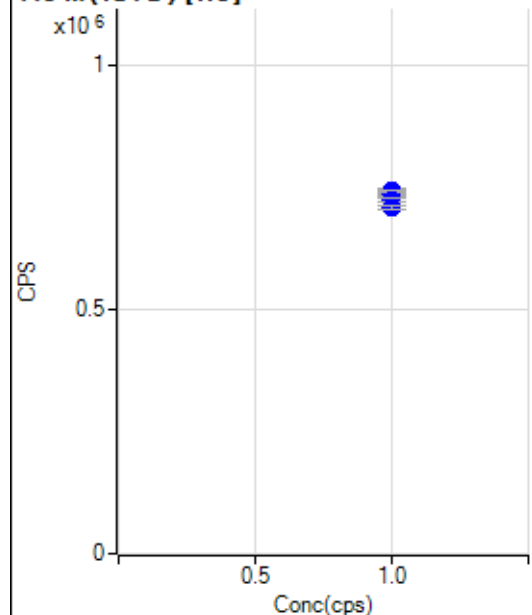
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3756624.00		M	0.2
2	☐	1.000					
3	☐	1.000		3762314.45		A	0.4
4	☐	1.000		3677480.98		A	0.9
5	☐	1.000		3783117.27		M	2.8
6	☐	1.000		3855769.36		P	0.7
7	☐	1.000		3771192.84		M	3.5
8	☐	1.000		3736045.27		P	0.6
9	☐	1.000		3397518.65		P	0.8

103 Rh (ISTD) [He]

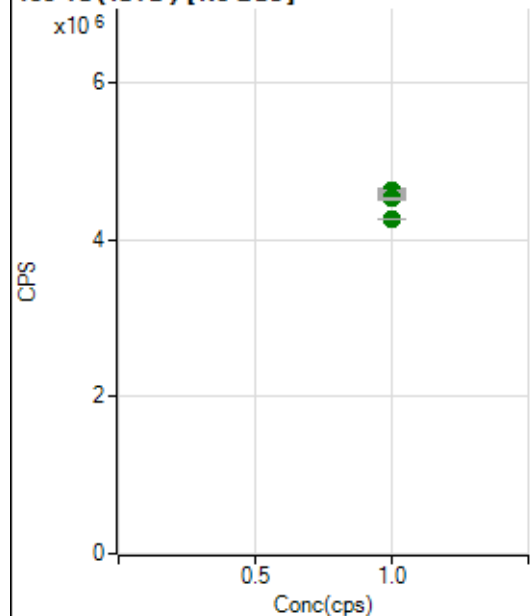
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1885865.86		P	0.5
2	☐	1.000					
3	☐	1.000		1921032.17		P	1.0
4	☐	1.000		1924186.08		P	0.9
5	☐	1.000		1929180.23		P	1.0
6	☐	1.000		1909927.73		P	0.5
7	☐	1.000		1923779.66		P	0.7
8	☐	1.000		1867486.38		P	0.9
9	☐	1.000		1692176.43		P	1.4

115 In (ISTD) [No Gas]

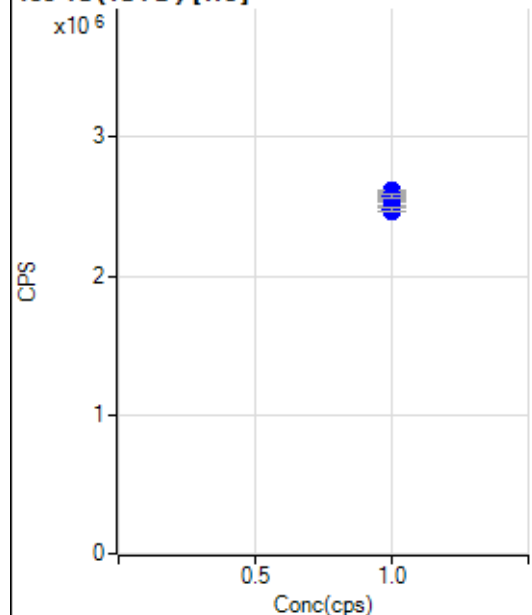
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3731244.20		A	1.3
2	☐	1.000					
3	☐	1.000		3759318.89		A	0.7
4	☐	1.000		3709874.90		A	0.2
5	☐	1.000		3676714.88		A	0.4
6	☐	1.000		3655048.71		A	0.7
7	☐	1.000		3651054.52		A	0.6
8	☐	1.000		3545857.40		A	0.2
9	☐	1.000		3634043.45		P	0.5

115 In (ISTD) [He]

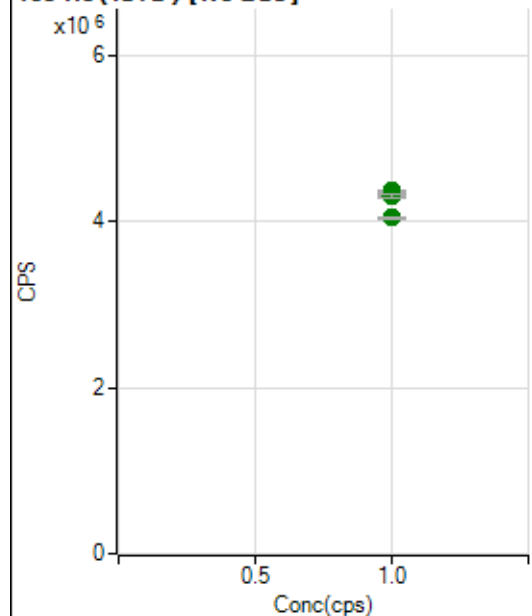
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		718936.39		P	0.4
2	☐	1.000					
3	☐	1.000		730456.09		P	1.0
4	☐	1.000		734817.98		P	1.4
5	☐	1.000		741121.00		P	1.2
6	☐	1.000		734453.07		P	0.7
7	☐	1.000		741625.47		P	0.8
8	☐	1.000		722772.10		P	1.2
9	☐	1.000		707813.25		P	1.5

159 Tb (ISTD) [No Gas]

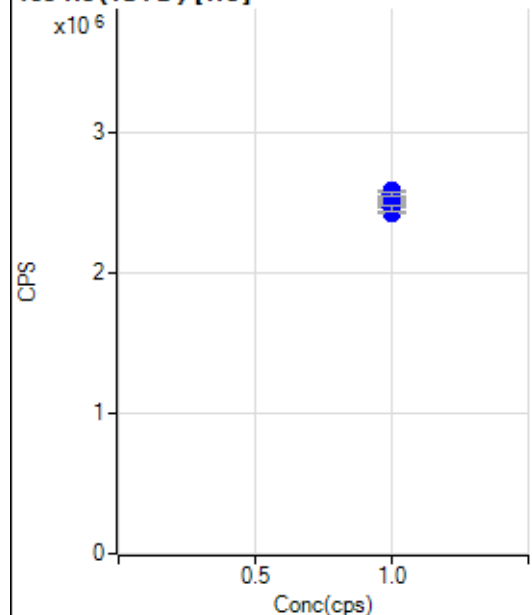
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4618157.60		A	1.0
2	☐	1.000					
3	☐	1.000		4617063.89		A	1.1
4	☐	1.000		4605957.71		A	1.1
5	☐	1.000		4576863.30		A	0.6
6	☐	1.000		4595805.31		A	0.3
7	☐	1.000		4611758.96		A	0.3
8	☐	1.000		4518549.48		A	0.8
9	☐	1.000		4254045.28		A	0.2

159 Tb (ISTD) [He]

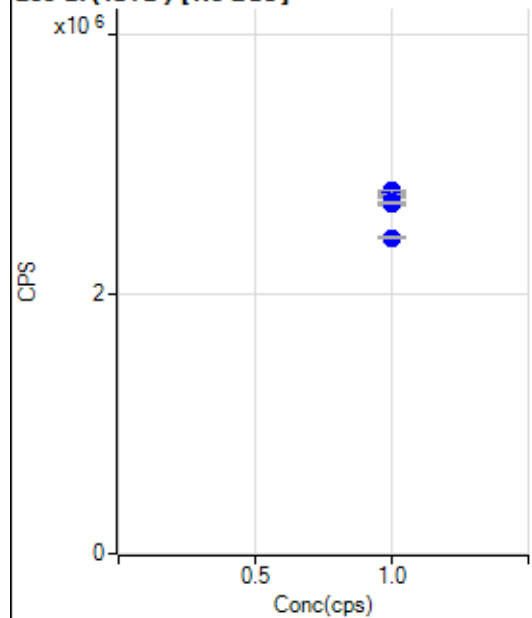
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2464370.17		P	0.3
2	☐	1.000					
3	☐	1.000		2505670.38		P	0.6
4	☐	1.000		2540245.85		P	0.6
5	☐	1.000		2553359.08		P	0.3
6	☐	1.000		2575015.43		P	0.4
7	☐	1.000		2613880.57		P	0.7
8	☐	1.000		2578676.30		P	0.8
9	☐	1.000		2475280.00		P	1.0

165 Ho (ISTD) [No Gas]

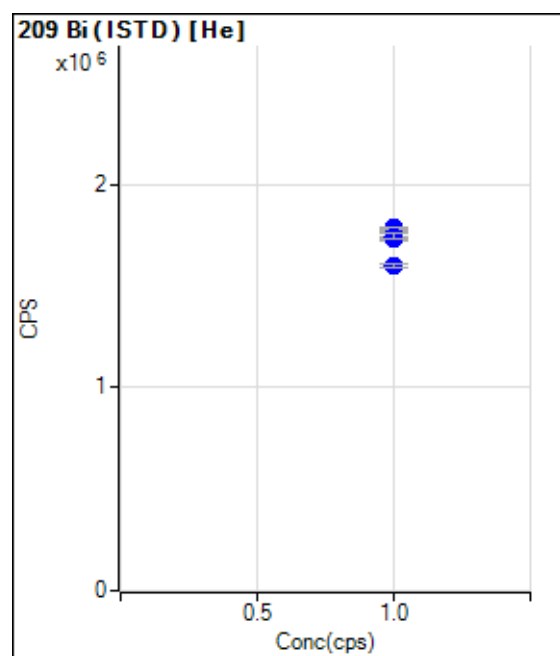
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4341721.02		A	1.8
2	☐	1.000					
3	☐	1.000		4362325.36		A	0.5
4	☐	1.000		4334190.29		A	0.2
5	☐	1.000		4338817.33		A	0.3
6	☐	1.000		4301153.87		A	0.6
7	☐	1.000		4350866.59		A	0.0
8	☐	1.000		4304812.12		A	0.9
9	☐	1.000		4034880.64		A	0.7

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2430370.71		P	0.6
2	☐	1.000					
3	☐	1.000		2476339.49		P	1.1
4	☐	1.000		2501644.27		P	0.9
5	☐	1.000		2528174.73		P	0.5
6	☐	1.000		2541012.41		P	0.7
7	☐	1.000		2584697.10		P	0.5
8	☐	1.000		2559010.78		P	1.0
9	☐	1.000		2460302.83		P	1.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2688622.11		P	0.7
2	☐	1.000					
3	☐	1.000		2752719.68		P	0.4
4	☐	1.000		2751503.12		P	0.5
5	☐	1.000		2772548.78		P	0.1
6	☐	1.000		2794277.04		P	0.5
7	☐	1.000		2784174.13		P	0.6
8	☐	1.000		2705535.31		P	0.3
9	☐	1.000		2433750.78		P	0.3



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1729970.72		P	1.0
2	☐	1.000					
3	☐	1.000		1769027.54		P	1.4
4	☐	1.000		1779790.56		P	0.7
5	☐	1.000		1781696.64		P	0.7
6	☐	1.000		1780127.91		P	0.5
7	☐	1.000		1785931.22		P	0.7
8	☐	1.000		1746151.05		P	1.2
9	☐	1.000		1602680.29		P	1.0

US EPA Tune Check Sample Report

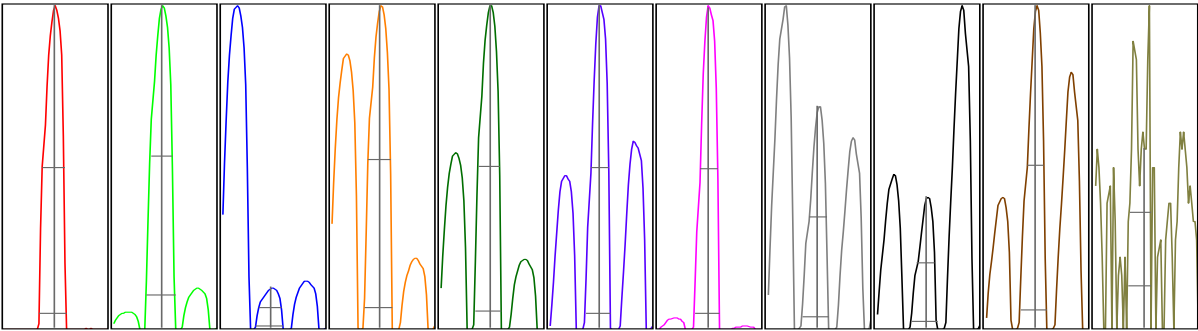
Batch Folder D:\ICP-MS Data\P7021617.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	33658	1.22	5.00	
24	6623827	0.37	5.00	
25	847661	1.12	5.00	
26	984627	0.92	5.00	
59	537749	1.40	5.00	
113	105005	1.31	5.00	
115	1737959	1.32	5.00	
206	142739	1.61	5.00	
207	122207	1.63	5.00	
208	297961	1.66	5.00	
220	5	30.16		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	33058	33498	34160	33738	33836
24	6590041	6623147	6657812	6632406	6615726
25	832368	845171	853865	850945	855955
26	970835	983137	985388	988180	995594
59	527123	533944	540379	540218	547081
113	103545	103883	104799	106065	106730
115	1710528	1719302	1739355	1759684	1760925
206	139680	141118	143166	144941	144790
207	119680	120438	123264	123999	123656
208	291438	293891	300407	301847	302223
220	4	4	5	7	4

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	5841	9.00	8.9 - 9.1		0.782	0.900	
24	1083760	23.95	23.9 - 24.1		0.832	0.900	
25	138591	24.95	24.9 - 25.1		0.789	0.900	
26	162802	25.95	25.9 - 26.1		0.809	0.900	
59	91572	59.00	58.9 - 59.1		0.783	0.900	
113	20025	113.00	112.9 - 113.1		0.735	0.900	
115	332652	115.00	114.9 - 115.1		0.729	0.900	
206	28352	206.00	205.9 - 206.1		0.770	0.900	
207	24330	207.00	206.9 - 207.1		0.742	0.900	
208	59435	208.00	207.9 - 208.1		0.773	0.900	
220	1	220.00	-		0.673		

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			
RF Matching	1.80	V	Option Gas	0.0	%			
Smpl Depth	10.0	mm	Nebulizer Pump	0.10	rps			
S/C Temp	2	°C						

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	6.9	V			
Extract 2	-170.0	V	Cell Entrance	-30	V			
Omega Bias	-75	V	Cell Exit	-50	V			
Deflect	13.6	V						

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	false		OctP Bias	-8.0	V			
He Flow	0.0	mL/min	OctP RF	180	V			
Energy Discrimination	5.0	V						

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	145214	0.16	
89	8601	0.54	
205	132572	0.39	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	145293	145420	144860	145392	145105
89	8653	8544	8615	8562	8630
205	131976	132513	132812	133320	132239

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			
RF Matching	1.80	V	Option Gas	0.0	%			
Smpl Depth	10.0	mm	Nebulizer Pump	0.10	rps			
S/C Temp	2	°C						

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	7.7	V			
Extract 2	-180.0	V	Cell Entrance	-40	V			
Omega Bias	-75	V	Cell Exit	-60	V			
Deflect	2.8	V						

Cell Parameters

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

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P7
Client Sample ID :	TUNE	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 15:18:02	DataFile Name :	001SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2						ppb
Antimony	121-1						ppb
Arsenic	75-2						ppb
Barium	135-1						ppb
Barium	137-1						ppb
Beryllium	9-1						ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1						ppb
Boron	11-1						ppb
Cadmium	106-1						ppb
Cadmium	108-1						ppb
Cadmium	111-1						ppb
Calcium	43-1						ppb
Calcium	44-1						ppb
Chromium	52-2						ppb
Cobalt	59-2						ppb
Copper	63-2						ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				103		%
Holmium	165-1				112		%
Indium	115-1				113		%
Indium	115-2				102		%
Iron	56-2						ppb
Iron	57-2						ppb
Lead	206-1						ppb
Lead	207-1						ppb
Lead	208-1						ppb
Lithium	6-1				100		%
Magnesium	24-2						ppb
Manganese	55-2						ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P7
Client Sample ID :	TUNE	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 15:18:02	DataFile Name :	001SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1						ppb
Molybdenum	95-1						ppb
Molybdenum	96-1						ppb
Molybdenum	97-1						ppb
Molybdenum	98-1						ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2						ppb
Phosphorus	31-2						ppb
Potassium	39-2						ppb
Rhodium	103-2				103		%
Rhodium	103-1				109		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	77-2						ppb
Selenium	78-2						ppb
Selenium	82-1						ppb
Silicon	28-1						ppb
Silver	109-1						ppb
Silver	107-1						ppb
Sodium	23-2						ppb
Strontium	86-1						ppb
Strontium	88-1						ppb
Sulfur	34-1						ppb
Terbium	159-1				112		%
Terbium	159-2				102		%
Thallium	203-1						ppb
Thallium	205-1						ppb
Tin	118-1						ppb
Titanium	47-1						ppb
Uranium	238-1						ppb
Vanadium	51-2						ppb
Yttrium	89-2				103		%
Yttrium	89-1				111		%
Zinc	66-2						ppb
Zirconium	90-1						ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P7
Client Sample ID :	TUNE	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 15:18:02	DataFile Name :	001SMPL.d

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

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 15:36:57	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.18	0.00	0.18	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.02	-0.03	0.01	0.00	N/A	ppb
Barium	135-1	0.01	-0.01	0.00	0.00	N/A	ppb
Barium	137-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Beryllium	9-1	0.01	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.11	-0.02	0.13	0.00	N/A	ppb
Boron	11-1	0.02	-0.11	0.09	0.00	N/A	ppb
Cadmium	106-1	-0.25	1.47	-1.21	0.00	N/A	ppb
Cadmium	108-1	0.02	0.07	-0.08	0.00	N/A	ppb
Cadmium	111-1	-0.02	0.11	-0.09	0.00	N/A	ppb
Calcium	43-1	-1.32	-0.26	1.58	0.00	N/A	ppb
Calcium	44-1	0.67	-0.46	-0.21	0.00	N/A	ppb
Chromium	52-2	0.07	-0.04	-0.03	0.00	N/A	ppb
Cobalt	59-2	0.00	0.01	-0.01	0.00	N/A	ppb
Copper	63-2	-0.01	0.00	0.01	0.00	N/A	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-2				100		%
Indium	115-1				100		%
Iron	56-2	0.03	0.07	-0.09	0.00	N/A	ppb
Iron	57-2	-0.11	0.23	-0.12	0.00	N/A	ppb
Lead	206-1	0.01	-0.01	0.00	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	0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.28	0.43	-0.15	0.00	N/A	ppb
Manganese	55-2	0.00	-0.01	0.01	0.00	N/A	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 15:36:57	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	-0.01	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	0.00	0.00	0.01	0.00	N/A	ppb
Phosphorus	31-2	-9.21	-6.10	-6.32	-7.21		ppb
Potassium	39-2	5.60	-3.61	-1.99	0.00	N/A	ppb
Rhodium	103-2				100		%
Rhodium	103-1				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	-1.37	-0.44	1.81	0.00	N/A	ppb
Selenium	82-1	-0.76	0.37	0.39	0.00	N/A	ppb
Silicon	28-1	-0.29	0.63	-0.34	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	0.91	0.05	-0.96	0.00	N/A	ppb
Strontium	86-1	-0.02	0.02	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	124.48	136.44	61.52	107.48	37.45	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
Tin	118-1	-0.01	0.00	0.01	0.00	N/A	ppb
Titanium	47-1	-0.03	0.00	0.04	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	89-2				100		%
Yttrium	89-1				100		%
Zinc	66-2	0.01	-0.04	0.03	0.00	N/A	ppb
Zirconium	90-1	0.01	0.00	-0.01	0.00	N/A	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 15:36:57	DataFile Name :	002CALB.d

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

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 15:44:47	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.77	18.95	20.33	20.02	4.73	ppb
Antimony	121-1	1.89	1.85	1.77	1.84	3.25	ppb
Arsenic	75-2	0.87	0.90	0.98	0.92	5.80	ppb
Barium	135-1	9.91	9.31	9.52	9.58	3.18	ppb
Barium	137-1	9.34	9.57	9.28	9.40	1.62	ppb
Beryllium	9-1	0.86	0.94	0.99	0.93	6.65	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	26.87	27.61	28.16	27.54	2.35	ppb
Boron	11-1	25.86	27.65	24.93	26.15	5.29	ppb
Cadmium	106-1	0.56	1.19	1.62	1.12	47.47	ppb
Cadmium	108-1	0.91	0.86	0.80	0.86	6.88	ppb
Cadmium	111-1	1.01	0.90	1.07	0.99	8.46	ppb
Calcium	43-1	475.01	461.89	490.76	475.88	3.04	ppb
Calcium	44-1	494.34	489.34	496.95	493.54	0.78	ppb
Chromium	52-2	1.93	2.05	2.01	2.00	2.98	ppb
Cobalt	59-2	1.02	1.12	0.95	1.03	8.24	ppb
Copper	63-2	2.27	2.03	2.18	2.16	5.67	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				100		%
Holmium	165-2				102		%
Indium	115-2				102		%
Indium	115-1				101		%
Iron	56-2	52.45	51.92	51.85	52.07	0.62	ppb
Iron	57-2	43.68	50.05	48.15	47.29	6.91	ppb
Lead	206-1	1.09	0.96	1.00	1.02	6.71	ppb
Lead	207-1	0.95	1.04	1.08	1.02	6.19	ppb
Lead	208-1	1.00	0.99	1.03	1.01	1.91	ppb
Lithium	6-1				103		%
Magnesium	24-2	515.95	517.21	506.19	513.12	1.18	ppb
Manganese	55-2	1.05	1.03	1.04	1.04	1.19	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 15:44:47	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.85	1.94	1.86	1.89	2.55	ppb
Molybdenum	95-1	4.70	4.48	4.59	4.59	2.41	ppb
Molybdenum	96-1	3.92	3.88	4.05	3.95	2.24	ppb
Molybdenum	97-1	4.67	4.31	4.57	4.52	4.12	ppb
Molybdenum	98-1	4.72	4.57	4.58	4.62	1.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.10	1.19	1.00	1.10	8.37	ppb
Phosphorus	31-2	3.78	12.42	5.43	7.21	63.60	ppb
Potassium	39-2	492.10	500.58	496.50	496.39	0.85	ppb
Rhodium	103-2				102		%
Rhodium	103-1				100		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	77-2	1.12	5.53	1.11	2.59	98.58	ppb
Selenium	78-2	5.92	6.15	3.76	5.28	25.00	ppb
Selenium	82-1	4.25	4.45	4.49	4.40	2.91	ppb
Silicon	28-1	4.58	3.04	3.03	3.55	25.15	ppb
Silver	109-1	0.99	0.98	0.99	0.99	0.27	ppb
Silver	107-1	1.03	0.95	1.01	1.00	4.38	ppb
Sodium	23-2	525.23	526.20	524.03	525.15	0.21	ppb
Strontium	86-1	0.88	0.87	0.91	0.89	2.24	ppb
Strontium	88-1	0.93	0.92	0.88	0.91	2.94	ppb
Sulfur	34-1	-129.64	-116.74	-76.06	-107.48		ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	205-1	1.01	0.96	1.01	0.99	2.90	ppb
Thallium	203-1	1.07	1.04	0.95	1.02	6.30	ppb
Tin	118-1	4.80	4.91	4.69	4.80	2.23	ppb
Titanium	47-1	5.04	4.51	4.45	4.67	6.94	ppb
Uranium	238-1	1.02	1.01	1.00	1.01	0.96	ppb
Vanadium	51-2	4.97	5.03	4.81	4.94	2.22	ppb
Yttrium	89-2				102		%
Yttrium	89-1				101		%
Zinc	66-2	1.91	2.33	1.95	2.06	11.38	ppb
Zirconium	90-1	0.73	0.65	0.68	0.69	5.70	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 15:44:47	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.70	0.67	0.69	0.69	2.22	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 15:48:40	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1001.79	992.03	1023.20	1005.67	1.59	ppb
Antimony	121-1	40.21	40.70	39.39	40.10	1.65	ppb
Arsenic	75-2	50.40	50.74	50.30	50.48	0.45	ppb
Barium	135-1	247.99	254.21	248.18	250.13	1.41	ppb
Barium	137-1	246.16	248.95	246.22	247.11	0.65	ppb
Beryllium	9-1	51.20	51.99	49.97	51.05	1.99	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	10-1	49.97	53.07	49.28	50.77	3.98	ppb
Boron	11-1	49.74	49.71	48.98	49.48	0.87	ppb
Cadmium	106-1	49.33	49.38	50.51	49.74	1.34	ppb
Cadmium	108-1	49.76	54.44	50.66	51.62	4.81	ppb
Cadmium	111-1	49.80	50.44	49.89	50.04	0.69	ppb
Calcium	43-1	4886.35	4850.28	5015.29	4917.30	1.76	ppb
Calcium	44-1	5016.48	5013.56	5046.57	5025.53	0.36	ppb
Chromium	52-2	51.37	52.62	52.70	52.23	1.42	ppb
Cobalt	59-2	52.53	53.27	54.04	53.28	1.42	ppb
Copper	63-2	108.03	108.29	111.14	109.15	1.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-2				103		%
Holmium	165-1				100		%
Indium	115-1				99		%
Indium	115-2				102		%
Iron	56-2	2582.29	2576.94	2626.54	2595.26	1.05	ppb
Iron	57-2	2549.47	2501.45	2561.49	2537.47	1.25	ppb
Lead	206-1	51.90	51.43	51.48	51.60	0.50	ppb
Lead	207-1	50.99	51.18	50.62	50.93	0.56	ppb
Lead	208-1	51.67	51.64	51.24	51.51	0.46	ppb
Lithium	6-1				103		%
Magnesium	24-2	5152.64	5158.07	5217.12	5175.94	0.69	ppb
Manganese	55-2	102.75	104.68	104.43	103.95	1.01	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 15:48:40	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	49.45	48.16	49.07	48.89	1.36	ppb
Molybdenum	95-1	49.15	49.97	48.72	49.28	1.29	ppb
Molybdenum	96-1	49.46	49.22	49.25	49.31	0.26	ppb
Molybdenum	97-1	48.54	47.94	47.72	48.07	0.89	ppb
Molybdenum	98-1	48.60	47.56	48.05	48.07	1.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.46	52.43	52.82	52.57	0.41	ppb
Phosphorus	31-2	994.50	1054.36	1107.34	1052.07	5.37	ppb
Potassium	39-2	2562.22	2584.31	2604.82	2583.79	0.82	ppb
Rhodium	103-2				102		%
Rhodium	103-1				98		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	77-2	56.73	55.03	58.55	56.77	3.10	ppb
Selenium	78-2	46.24	54.34	49.22	49.93	8.21	ppb
Selenium	82-1	51.44	49.26	49.31	50.00	2.49	ppb
Silicon	28-1	50.08	50.94	52.82	51.28	2.74	ppb
Silver	107-1	50.29	51.71	50.51	50.83	1.51	ppb
Silver	109-1	52.50	52.42	51.06	51.99	1.56	ppb
Sodium	23-2	5392.80	5349.91	5417.46	5386.72	0.63	ppb
Strontium	86-1	51.37	50.66	50.72	50.92	0.78	ppb
Strontium	88-1	51.02	50.62	50.70	50.78	0.42	ppb
Sulfur	34-1	850.19	1009.48	1005.04	954.90	9.50	ppb
Terbium	159-1				100		%
Terbium	159-2				103		%
Thallium	203-1	50.90	51.37	51.79	51.35	0.87	ppb
Thallium	205-1	50.95	50.61	51.35	50.97	0.72	ppb
Tin	118-1	50.02	50.88	49.41	50.10	1.48	ppb
Titanium	47-1	50.01	50.02	50.60	50.21	0.68	ppb
Uranium	238-1	50.29	50.08	49.45	49.94	0.88	ppb
Vanadium	51-2	50.16	50.66	51.69	50.84	1.54	ppb
Yttrium	89-2				102		%
Yttrium	89-1				99		%
Zinc	66-2	103.81	104.83	104.76	104.47	0.55	ppb
Zirconium	90-1	48.97	48.45	48.61	48.68	0.55	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 15:48:40	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	49.45	48.78	48.88	49.04	0.73	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 15:52:33	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2478.85	2501.46	2502.96	2494.42	0.54	ppb
Antimony	121-1	119.46	116.05	115.49	117.00	1.83	ppb
Arsenic	75-2	127.83	125.88	127.19	126.97	0.78	ppb
Barium	135-1	638.91	619.99	628.67	629.19	1.50	ppb
Barium	137-1	628.61	619.43	624.82	624.29	0.74	ppb
Beryllium	9-1	128.17	127.97	127.65	127.93	0.21	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	126.92	125.68	129.80	127.47	1.66	ppb
Boron	11-1	123.12	127.63	126.17	125.64	1.83	ppb
Cadmium	111-1	127.81	127.04	126.50	127.12	0.52	ppb
Cadmium	106-1	125.85	124.56	121.94	124.12	1.60	ppb
Cadmium	108-1	122.63	125.75	129.20	125.86	2.61	ppb
Calcium	43-1	12406.23	12290.22	12274.79	12323.75	0.58	ppb
Calcium	44-1	12428.09	12403.88	12429.54	12420.50	0.12	ppb
Chromium	52-2	127.78	131.44	130.26	129.83	1.44	ppb
Cobalt	59-2	130.58	132.58	133.30	132.15	1.07	ppb
Copper	63-2	266.84	272.75	269.97	269.85	1.09	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				104		%
Holmium	165-1				100		%
Indium	115-1				99		%
Indium	115-2				103		%
Iron	56-2	6260.11	6287.29	6270.37	6272.59	0.22	ppb
Iron	57-2	6318.60	6403.86	6319.20	6347.22	0.77	ppb
Lead	206-1	128.24	128.12	128.53	128.30	0.16	ppb
Lead	207-1	128.06	126.52	128.99	127.86	0.98	ppb
Lead	208-1	128.07	127.68	128.94	128.23	0.50	ppb
Lithium	6-1				102		%
Magnesium	24-2	12828.82	12999.63	12951.18	12926.54	0.68	ppb
Manganese	55-2	258.70	262.73	260.74	260.73	0.77	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 15:52:33	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	126.59	126.14	124.15	125.63	1.03	ppb
Molybdenum	95-1	126.91	125.91	122.91	125.24	1.66	ppb
Molybdenum	96-1	126.73	125.65	124.24	125.54	1.00	ppb
Molybdenum	97-1	124.47	122.35	121.32	122.71	1.31	ppb
Molybdenum	98-1	124.83	123.48	121.65	123.32	1.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	128.38	131.65	132.82	130.95	1.76	ppb
Phosphorus	31-2	2438.27	2423.67	2394.11	2418.68	0.93	ppb
Potassium	39-2	6367.18	6489.98	6453.64	6436.93	0.98	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-2				102		%
Scandium	45-1				103		%
Selenium	82-1	125.61	125.78	121.49	124.30	1.95	ppb
Selenium	77-2	131.38	130.09	135.78	132.42	2.25	ppb
Selenium	78-2	133.81	126.27	132.50	130.86	3.08	ppb
Silicon	28-1	131.86	134.17	133.94	133.33	0.95	ppb
Silver	109-1	130.01	129.06	128.43	129.17	0.61	ppb
Silver	107-1	129.18	128.29	129.45	128.97	0.47	ppb
Sodium	23-2	13221.57	13534.38	13376.03	13377.33	1.17	ppb
Strontium	86-1	126.03	125.57	124.21	125.27	0.75	ppb
Strontium	88-1	126.42	126.38	125.14	125.98	0.58	ppb
Sulfur	34-1	2004.59	1860.93	1759.75	1875.09	6.56	ppb
Terbium	159-1				99		%
Terbium	159-2				104		%
Thallium	203-1	126.85	127.28	128.47	127.53	0.66	ppb
Thallium	205-1	128.27	127.34	127.77	127.79	0.37	ppb
Tin	118-1	128.55	126.57	127.11	127.41	0.80	ppb
Titanium	47-1	126.81	124.56	124.93	125.43	0.96	ppb
Uranium	238-1	124.68	124.17	124.74	124.53	0.25	ppb
Vanadium	51-2	126.94	129.04	127.93	127.97	0.82	ppb
Yttrium	89-1				99		%
Yttrium	89-2				103		%
Zinc	66-2	258.80	265.81	259.20	261.27	1.51	ppb
Zirconium	90-1	123.87	123.93	123.82	123.87	0.04	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 15:52:33	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	126.28	127.00	123.96	125.75	1.26	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 15:56:24	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5057.43	4971.10	4939.75	4989.43	1.22	ppb
Antimony	121-1	242.94	242.34	242.35	242.54	0.14	ppb
Arsenic	75-2	251.85	252.00	252.46	252.10	0.13	ppb
Barium	135-1	1249.31	1256.14	1258.11	1254.52	0.37	ppb
Barium	137-1	1223.31	1234.83	1245.70	1234.61	0.91	ppb
Beryllium	9-1	255.45	257.73	254.10	255.76	0.72	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	10-1	246.81	256.14	251.43	251.46	1.85	ppb
Boron	11-1	248.31	252.89	247.90	249.70	1.11	ppb
Cadmium	106-1	246.95	256.18	248.77	250.63	1.95	ppb
Cadmium	108-1	251.24	250.69	257.33	253.09	1.46	ppb
Cadmium	111-1	251.77	252.54	257.23	253.85	1.16	ppb
Calcium	43-1	24607.08	24662.66	24775.01	24681.59	0.35	ppb
Calcium	44-1	24563.97	24484.32	24939.59	24662.63	0.99	ppb
Chromium	52-2	260.46	259.47	255.84	258.59	0.94	ppb
Cobalt	59-2	264.54	266.40	262.97	264.64	0.65	ppb
Copper	63-2	539.85	537.03	537.00	537.96	0.30	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				105		%
Holmium	165-1				99		%
Indium	115-1				98		%
Indium	115-2				102		%
Iron	56-2	12506.62	12390.92	12337.29	12411.61	0.70	ppb
Iron	57-2	12623.82	12550.55	12530.93	12568.43	0.39	ppb
Lead	206-1	256.23	256.92	254.58	255.91	0.47	ppb
Lead	207-1	252.42	253.69	252.25	252.79	0.31	ppb
Lead	208-1	254.08	254.06	253.39	253.84	0.16	ppb
Lithium	6-1				103		%
Magnesium	24-2	25501.06	25213.86	25092.13	25269.01	0.83	ppb
Manganese	55-2	518.59	519.94	517.80	518.78	0.21	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 15:56:24	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	251.93	252.90	252.80	252.54	0.21	ppb
Molybdenum	95-1	255.74	255.47	252.25	254.48	0.76	ppb
Molybdenum	96-1	256.65	254.02	252.70	254.46	0.79	ppb
Molybdenum	97-1	252.55	252.28	250.96	251.93	0.34	ppb
Molybdenum	98-1	249.48	251.42	249.39	250.10	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	261.34	265.44	262.74	263.17	0.79	ppb
Phosphorus	31-2	5084.08	4887.12	4902.45	4957.88	2.21	ppb
Potassium	39-2	12900.69	12843.21	12733.88	12825.93	0.66	ppb
Rhodium	103-2				101		%
Rhodium	103-1				103		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	77-2	205.83	280.38	216.22	234.14	17.24	ppb
Selenium	78-2	254.46	246.92	244.25	248.54	2.13	ppb
Selenium	82-1	252.52	254.03	250.29	252.28	0.74	ppb
Silicon	28-1	265.25	270.32	273.18	269.58	1.49	ppb
Silver	109-1	253.43	255.52	258.66	255.87	1.03	ppb
Silver	107-1	254.34	254.40	257.21	255.32	0.64	ppb
Sodium	23-2	26190.98	26131.02	25999.49	26107.16	0.38	ppb
Strontium	86-1	253.08	255.27	252.72	253.69	0.54	ppb
Strontium	88-1	253.23	249.94	248.53	250.56	0.96	ppb
Sulfur	34-1	4231.30	4283.23	4418.43	4310.99	2.24	ppb
Terbium	159-1				100		%
Terbium	159-2				104		%
Thallium	203-1	253.57	253.26	252.37	253.07	0.25	ppb
Thallium	205-1	253.46	253.72	250.59	252.59	0.69	ppb
Tin	118-1	254.66	253.79	255.96	254.80	0.43	ppb
Titanium	47-1	244.97	251.58	253.55	250.03	1.80	ppb
Uranium	238-1	244.74	245.44	244.58	244.92	0.19	ppb
Vanadium	51-2	258.67	257.58	253.63	256.63	1.03	ppb
Yttrium	89-2				103		%
Yttrium	89-1				99		%
Zinc	66-2	519.88	524.26	519.63	521.25	0.50	ppb
Zirconium	90-1	248.61	250.05	247.86	248.84	0.45	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 15:56:24	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	253.50	256.55	254.14	254.73	0.63	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:00:11	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9757.19	9582.08	9823.98	9721.08	1.29	ppb
Antimony	121-1	493.23	490.53	486.47	490.08	0.69	ppb
Arsenic	75-2	500.53	507.36	504.32	504.07	0.68	ppb
Barium	135-1	2488.40	2491.10	2471.39	2483.63	0.43	ppb
Barium	137-1	2486.55	2488.44	2458.38	2477.79	0.68	ppb
Beryllium	9-1	507.33	498.83	501.14	502.43	0.88	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	10-1	499.04	497.18	495.87	497.36	0.32	ppb
Boron	11-1	501.92	495.47	506.20	501.20	1.08	ppb
Cadmium	106-1	502.88	512.77	501.66	505.77	1.20	ppb
Cadmium	108-1	506.52	506.55	505.41	506.16	0.13	ppb
Cadmium	111-1	505.54	506.12	501.95	504.54	0.45	ppb
Calcium	43-1	49321.50	48786.37	49497.75	49201.87	0.75	ppb
Calcium	44-1	49321.56	48491.71	48542.16	48785.14	0.95	ppb
Chromium	52-2	501.25	503.31	505.81	503.45	0.45	ppb
Cobalt	59-2	510.81	506.73	513.36	510.30	0.66	ppb
Copper	63-2	1019.94	1027.79	1033.81	1027.18	0.68	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				106		%
Holmium	165-1				100		%
Indium	115-1				98		%
Indium	115-2				103		%
Iron	56-2	24162.80	24151.30	24150.47	24154.86	0.03	ppb
Iron	57-2	24257.82	24562.70	24469.28	24429.93	0.64	ppb
Lead	206-1	504.44	505.46	501.52	503.81	0.41	ppb
Lead	207-1	507.73	503.39	501.95	504.36	0.60	ppb
Lead	208-1	503.46	501.25	498.53	501.08	0.49	ppb
Lithium	6-1				105		%
Magnesium	24-2	50037.31	49458.66	50250.91	49915.63	0.82	ppb
Manganese	55-2	1005.46	1004.48	1015.37	1008.44	0.60	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:00:11	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	494.82	499.30	502.75	498.96	0.80	ppb
Molybdenum	95-1	502.69	503.21	504.97	503.63	0.24	ppb
Molybdenum	96-1	501.15	501.52	504.08	502.25	0.32	ppb
Molybdenum	97-1	494.54	500.48	500.42	498.48	0.68	ppb
Molybdenum	98-1	491.05	491.16	497.42	493.21	0.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.39	503.92	511.40	506.57	0.83	ppb
Phosphorus	31-2	10202.68	9804.31	9922.23	9976.40	2.05	ppb
Potassium	39-2	24896.20	24956.21	24984.34	24945.58	0.18	ppb
Rhodium	103-2				102		%
Rhodium	103-1				100		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	77-2	455.13	500.24	520.98	492.12	6.84	ppb
Selenium	78-2	481.75	514.17	506.21	500.71	3.37	ppb
Selenium	82-1	498.30	501.62	507.04	502.32	0.88	ppb
Silicon	28-1	542.08	524.84	540.64	535.85	1.79	ppb
Silver	109-1	499.96	503.99	498.47	500.81	0.57	ppb
Silver	107-1	501.08	499.81	497.08	499.33	0.41	ppb
Sodium	23-2	51411.01	51262.30	51367.22	51346.84	0.15	ppb
Strontium	86-1	502.96	501.46	507.30	503.91	0.60	ppb
Strontium	88-1	501.59	496.23	504.29	500.70	0.82	ppb
Sulfur	34-1	9940.07	9564.35	9711.93	9738.79	1.94	ppb
Terbium	159-1				100		%
Terbium	159-2				106		%
Thallium	203-1	507.83	505.34	502.29	505.15	0.55	ppb
Thallium	205-1	498.62	492.43	491.41	494.16	0.79	ppb
Tin	118-1	508.10	506.56	504.02	506.22	0.41	ppb
Titanium	47-1	508.67	498.06	501.21	502.65	1.08	ppb
Uranium	238-1	498.51	495.68	494.46	496.22	0.42	ppb
Vanadium	51-2	501.80	500.85	502.74	501.80	0.19	ppb
Yttrium	89-2				105		%
Yttrium	89-1				100		%
Zinc	66-2	1014.35	1011.34	1014.92	1013.53	0.19	ppb
Zirconium	90-1	499.37	501.07	504.04	501.49	0.47	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:00:11	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	500.29	508.08	508.43	505.60	0.91	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:03:55	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19433.45	19449.98	19440.82	19441.42	0.04	ppb
Antimony	121-1	1012.01	998.31	1014.64	1008.32	0.87	ppb
Arsenic	75-2	995.10	1006.02	990.38	997.17	0.80	ppb
Barium	135-1	4962.67	5008.14	5048.77	5006.53	0.86	ppb
Barium	137-1	5038.09	4954.47	5053.00	5015.19	1.06	ppb
Beryllium	9-1	1000.84	987.27	1002.67	996.92	0.84	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	999.86	985.79	1015.98	1000.54	1.51	ppb
Boron	11-1	998.51	995.95	1003.71	999.39	0.40	ppb
Cadmium	106-1	994.37	987.66	1009.21	997.08	1.11	ppb
Cadmium	108-1	986.26	990.81	1010.81	995.96	1.31	ppb
Cadmium	111-1	991.06	995.32	1003.13	996.50	0.61	ppb
Calcium	43-1	98078.46	97405.78	97803.92	97762.72	0.35	ppb
Calcium	44-1	98441.25	96911.27	96930.00	97427.51	0.90	ppb
Chromium	52-2	993.18	994.17	998.88	995.41	0.31	ppb
Cobalt	59-2	988.00	987.99	994.41	990.13	0.37	ppb
Copper	63-2	1978.35	1962.24	1981.34	1973.98	0.52	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				105		%
Holmium	165-1				99		%
Indium	115-1				95		%
Indium	115-2				101		%
Iron	56-2	48284.74	47689.96	47575.86	47850.19	0.80	ppb
Iron	57-2	47979.72	47975.91	48247.60	48067.74	0.32	ppb
Lead	206-1	994.26	997.10	997.03	996.13	0.16	ppb
Lead	207-1	993.42	1000.83	995.92	996.72	0.38	ppb
Lead	208-1	997.28	999.90	996.88	998.02	0.16	ppb
Lithium	6-1				103		%
Magnesium	24-2	99399.04	97004.17	98527.79	98310.33	1.23	ppb
Manganese	55-2	1984.64	1991.69	1992.31	1989.55	0.21	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:03:55	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	990.24	1006.35	1003.04	999.88	0.85	ppb
Molybdenum	95-1	990.35	1002.16	998.71	997.07	0.61	ppb
Molybdenum	96-1	989.65	1008.81	994.74	997.73	0.99	ppb
Molybdenum	97-1	997.19	1005.26	999.54	1000.66	0.42	ppb
Molybdenum	98-1	1006.04	1009.17	995.83	1003.68	0.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	997.40	981.95	998.30	992.55	0.93	ppb
Phosphorus	31-2	20082.72	20040.78	19966.16	20029.89	0.29	ppb
Potassium	39-2	50025.92	49031.53	49891.01	49649.49	1.09	ppb
Rhodium	103-2				99		%
Rhodium	103-1				99		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	77-2	995.14	1003.61	1021.21	1006.65	1.32	ppb
Selenium	78-2	991.19	988.10	1018.55	999.28	1.68	ppb
Selenium	82-1	990.69	1004.06	1000.33	998.36	0.69	ppb
Silicon	28-1	976.56	975.34	976.51	976.14	0.07	ppb
Silver	109-1	996.85	997.85	997.82	997.51	0.06	ppb
Silver	107-1	996.04	989.65	1009.73	998.47	1.03	ppb
Sodium	23-2	102971.33	100278.75	100804.12	101351.40	1.41	ppb
Strontium	86-1	989.21	1001.15	1000.77	997.04	0.68	ppb
Strontium	88-1	993.36	1004.89	999.79	999.35	0.58	ppb
Sulfur	34-1	20789.51	20093.43	20266.74	20383.23	1.78	ppb
Terbium	159-1				98		%
Terbium	159-2				105		%
Thallium	203-1	998.30	998.75	991.77	996.27	0.39	ppb
Thallium	205-1	999.46	1007.19	998.98	1001.88	0.46	ppb
Tin	118-1	994.62	985.84	1005.68	995.38	1.00	ppb
Titanium	47-1	1000.14	993.53	1002.15	998.61	0.45	ppb
Uranium	238-1	1008.80	1001.39	999.48	1003.22	0.49	ppb
Vanadium	51-2	999.01	993.13	998.96	997.03	0.34	ppb
Yttrium	89-2				104		%
Yttrium	89-1				99		%
Zinc	66-2	1985.30	1985.33	1988.23	1986.29	0.08	ppb
Zirconium	90-1	992.26	1004.48	1002.51	999.75	0.66	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:03:55	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	989.61	997.34	1000.97	995.97	0.58	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:07:34	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99797.01	100772.84	99850.80	100140.22	0.55	ppb
Antimony	121-1	5.59	5.83	6.16	5.86	4.89	ppb
Arsenic	75-2	1.27	1.61	1.31	1.40	13.31	ppb
Barium	135-1	1.72	1.76	1.55	1.68	6.59	ppb
Barium	137-1	1.81	1.61	1.59	1.67	7.22	ppb
Beryllium	9-1	0.19	0.13	0.18	0.17	17.14	ppb
Bismuth	209-1				91		%
Bismuth	209-2				93		%
Boron	10-1	22.63	20.58	17.52	20.24	12.71	ppb
Boron	11-1	20.57	18.20	17.26	18.68	9.14	ppb
Cadmium	106-1	-0.56	0.55	0.47	0.15	406.62	ppb
Cadmium	108-1	0.14	0.08	-0.08	0.05	239.56	ppb
Cadmium	111-1	0.06	0.19	0.16	0.14	48.79	ppb
Calcium	43-1	500459.63	504925.11	496260.60	500548.45	0.87	ppb
Calcium	44-1	504285.78	499741.28	497936.71	500654.59	0.65	ppb
Chromium	52-2	22.04	21.95	21.65	21.88	0.93	ppb
Cobalt	59-2	1.25	1.30	1.23	1.26	3.19	ppb
Copper	63-2	2.84	2.77	2.71	2.77	2.26	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				101		%
Holmium	165-1				93		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	56-2	252364.66	250180.73	249006.75	250517.38	0.68	ppb
Iron	57-2	250885.23	252028.29	248398.17	250437.23	0.74	ppb
Lead	206-1	1.94	1.95	2.10	1.99	4.43	ppb
Lead	207-1	1.79	1.98	1.88	1.88	4.99	ppb
Lead	208-1	1.83	1.90	1.99	1.91	4.14	ppb
Lithium	6-1				99		%
Magnesium	24-2	500869.09	501486.66	498605.70	500320.48	0.30	ppb
Manganese	55-2	8.00	7.87	8.09	7.99	1.37	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:07:34	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.02	2.08	2.24	2.11	5.36	ppb
Molybdenum	95-1	5.60	6.06	6.13	5.93	4.87	ppb
Molybdenum	96-1	5.59	5.90	6.14	5.88	4.69	ppb
Molybdenum	97-1	5.70	5.71	6.19	5.87	4.79	ppb
Molybdenum	98-1	5.67	5.87	6.23	5.93	4.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.96	12.40	12.12	12.16	1.81	ppb
Phosphorus	31-2	-25.36	7.12	-19.16	-12.47		ppb
Potassium	39-2	251020.58	251305.89	247834.76	250053.74	0.77	ppb
Rhodium	103-2				90		%
Rhodium	103-1				90		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	77-2	2.28	1.12	1.11	1.50	44.74	ppb
Selenium	78-2	3.38	2.52	2.12	2.67	24.02	ppb
Selenium	82-1	2.63	1.25	2.42	2.10	35.61	ppb
Silicon	28-1	12.91	13.34	14.86	13.70	7.49	ppb
Silver	109-1	0.10	0.11	0.10	0.10	3.27	ppb
Silver	107-1	0.09	0.15	0.10	0.12	27.99	ppb
Sodium	23-2	498598.08	502348.24	497595.23	499513.85	0.50	ppb
Strontium	86-1	30.56	30.08	30.18	30.27	0.84	ppb
Strontium	88-1	30.95	30.85	30.76	30.85	0.30	ppb
Sulfur	34-1	155.27	345.07	372.20	290.85	40.64	ppb
Terbium	159-1				92		%
Terbium	159-2				100		%
Thallium	203-1	0.41	0.39	0.26	0.35	22.31	ppb
Thallium	205-1	0.40	0.34	0.33	0.36	10.23	ppb
Tin	118-1	1.55	1.49	1.64	1.56	4.86	ppb
Titanium	47-1	4.06	1.10	0.95	2.03	86.25	ppb
Uranium	238-1	0.26	0.24	0.22	0.24	9.05	ppb
Vanadium	51-2	0.24	0.23	0.26	0.24	5.27	ppb
Yttrium	89-2				101		%
Yttrium	89-1				93		%
Zinc	66-2	8.80	9.75	10.46	9.67	8.64	ppb
Zirconium	90-1	0.26	0.29	0.29	0.28	5.46	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:07:34	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.32	0.27	0.31	0.30	8.69	ppb

LB Number : LB85890 Operator : Jaswal
 Lab Sample ID : ICV Instrumnet Name : P7
 Client Sample ID : ICV Dilution Factor : 1
 Date & Time Acquired :: 2017-02-16 16:11:21 DataFile Name : 011ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	504.08	505.94	496.74	502.25	0.97	ppb
Antimony	121-1	194.66	194.19	190.55	193.14	1.17	ppb
Arsenic	75-2	199.79	199.39	196.50	198.56	0.90	ppb
Barium	135-1	102.42	103.21	105.16	103.60	1.36	ppb
Barium	137-1	102.36	102.96	101.77	102.36	0.58	ppb
Beryllium	9-1	93.40	93.16	92.39	92.99	0.57	ppb
Bismuth	209-1				102		%
Bismuth	209-2				106		%
Boron	10-1	488.76	496.68	502.80	496.08	1.42	ppb
Boron	11-1	490.49	495.87	498.59	494.98	0.83	ppb
Cadmium	106-1	197.50	203.82	196.31	199.21	2.03	ppb
Cadmium	108-1	161.65	161.69	157.73	160.36	1.42	ppb
Cadmium	111-1	107.53	108.21	106.06	107.27	1.02	ppb
Calcium	43-1	2271.24	2263.62	2246.19	2260.35	0.57	ppb
Calcium	44-1	2161.66	2173.77	2161.63	2165.69	0.32	ppb
Chromium	52-2	97.63	96.21	96.84	96.89	0.73	ppb
Cobalt	59-2	102.29	102.18	103.07	102.51	0.47	ppb
Copper	63-2	103.84	104.90	104.47	104.40	0.51	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				105		%
Holmium	165-1				96		%
Indium	115-1				98		%
Indium	115-2				105		%
Iron	56-2	1030.53	1035.83	1037.02	1034.46	0.33	ppb
Iron	57-2	986.58	994.47	997.18	992.74	0.55	ppb
Lead	206-1	204.66	203.62	204.83	204.37	0.32	ppb
Lead	207-1	194.77	192.62	193.15	193.51	0.58	ppb
Lead	208-1	200.05	198.33	199.16	199.18	0.43	ppb
Lithium	6-1				110		%
Magnesium	24-2	1228.06	1228.84	1226.06	1227.65	0.12	ppb
Manganese	55-2	100.77	100.94	101.97	101.23	0.64	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:11:21	DataFile Name :	011ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	528.28	528.11	524.66	527.02	0.39	ppb
Molybdenum	95-1	538.34	535.87	530.76	534.99	0.72	ppb
Molybdenum	96-1	535.84	530.67	527.25	531.25	0.81	ppb
Molybdenum	97-1	531.08	527.72	524.77	527.86	0.60	ppb
Molybdenum	98-1	526.63	520.85	519.32	522.27	0.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	101.25	100.41	101.19	100.95	0.47	ppb
Phosphorus	31-2	-20.46	-26.84	-1.64	-16.32		ppb
Potassium	39-2	2045.53	2022.51	2072.15	2046.73	1.21	ppb
Rhodium	103-2				102		%
Rhodium	103-1				102		%
Scandium	45-1				103		%
Scandium	45-2				105		%
Selenium	77-2	195.89	189.34	187.28	190.84	2.36	ppb
Selenium	78-2	200.19	207.40	201.13	202.91	1.93	ppb
Selenium	82-1	203.33	195.32	201.07	199.91	2.07	ppb
Silicon	28-1	547.62	548.10	549.17	548.30	0.15	ppb
Silver	109-1	104.06	104.23	104.17	104.15	0.08	ppb
Silver	107-1	103.53	104.56	104.74	104.28	0.63	ppb
Sodium	23-2	2108.76	2102.14	2104.37	2105.09	0.16	ppb
Strontium	86-1	497.39	493.45	489.27	493.37	0.82	ppb
Strontium	88-1	490.26	488.31	485.01	487.86	0.54	ppb
Sulfur	34-1	-139.06	-113.50	-92.13	-114.90		ppb
Terbium	159-1				95		%
Terbium	159-2				105		%
Thallium	203-1	203.97	200.21	200.68	201.62	1.02	ppb
Thallium	205-1	202.15	200.03	201.40	201.19	0.54	ppb
Tin	118-1	551.61	552.10	550.54	551.42	0.14	ppb
Titanium	47-1	523.30	524.23	525.18	524.24	0.18	ppb
Uranium	238-1	512.45	515.41	506.63	511.50	0.87	ppb
Vanadium	51-2	98.75	98.35	97.56	98.22	0.62	ppb
Yttrium	89-2				105		%
Yttrium	89-1				97		%
Zinc	66-2	205.22	202.36	202.31	203.30	0.82	ppb
Zirconium	90-1	530.89	526.39	525.46	527.58	0.55	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:11:21	DataFile Name :	011ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	536.57	532.06	530.17	532.93	0.62	ppb

LB Number : LB85890 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P7
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2017-02-16 16:14:56 DataFile Name : 012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.76	1.75	1.03	1.52	27.51	ppb
Antimony	121-1	1.71	1.88	1.99	1.86	7.69	ppb
Arsenic	75-2	0.32	0.44	0.60	0.46	30.79	ppb
Barium	135-1	0.09	0.10	0.11	0.10	7.76	ppb
Barium	137-1	0.08	0.06	0.05	0.06	18.94	ppb
Beryllium	9-1	0.11	0.06	0.01	0.06	81.44	ppb
Bismuth	209-1				101		%
Bismuth	209-2				105		%
Boron	10-1	14.19	13.22	12.74	13.38	5.53	ppb
Boron	11-1	14.34	12.65	11.72	12.90	10.31	ppb
Cadmium	106-1	0.28	0.36	-1.21	-0.19		ppb
Cadmium	108-1	0.08	0.18	-0.08	0.06	219.98	ppb
Cadmium	111-1	0.04	0.04	-0.10	-0.01		ppb
Calcium	43-1	11.90	17.47	2.40	10.59	71.95	ppb
Calcium	44-1	13.16	8.97	9.93	10.69	20.54	ppb
Chromium	52-2	0.04	-0.03	0.00	0.01	510.63	ppb
Cobalt	59-2	0.04	0.03	0.00	0.03	83.64	ppb
Copper	63-2	0.03	0.04	0.04	0.03	19.76	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				104		%
Holmium	165-1				95		%
Indium	115-1				101		%
Indium	115-2				105		%
Iron	56-2	6.14	6.33	5.34	5.94	8.85	ppb
Iron	57-2	8.93	4.28	6.73	6.65	35.05	ppb
Lead	206-1	0.37	0.39	0.32	0.36	9.80	ppb
Lead	207-1	0.28	0.35	0.30	0.31	12.09	ppb
Lead	208-1	0.34	0.36	0.32	0.34	6.31	ppb
Lithium	6-1				109		%
Magnesium	24-2	7.69	8.05	7.05	7.59	6.64	ppb
Manganese	55-2	0.04	0.03	0.04	0.04	26.79	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:14:56	DataFile Name :	012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.39	0.45	0.55	0.46	18.18	ppb
Molybdenum	95-1	1.08	1.24	1.49	1.27	16.18	ppb
Molybdenum	96-1	0.86	1.11	1.39	1.12	23.60	ppb
Molybdenum	97-1	1.03	1.29	1.53	1.29	19.54	ppb
Molybdenum	98-1	0.97	1.24	1.44	1.22	19.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	0.00	0.00		ppb
Phosphorus	31-2	-3.80	-16.78	-29.73	-16.77		ppb
Potassium	39-2	22.18	24.23	16.37	20.93	19.50	ppb
Rhodium	103-2				102		%
Rhodium	103-1				101		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	77-2	0.00	1.07	1.09	0.72	86.61	ppb
Selenium	78-2	1.30	0.34	3.64	1.76	96.22	ppb
Selenium	82-1	-0.29	0.45	2.07	0.74	162.72	ppb
Silicon	28-1	3.27	4.79	2.26	3.44	36.93	ppb
Silver	109-1	0.02	0.03	0.03	0.03	25.95	ppb
Silver	107-1	0.02	0.02	0.02	0.02	0.17	ppb
Sodium	23-2	36.98	35.16	35.12	35.75	2.96	ppb
Strontium	86-1	0.11	0.01	0.02	0.05	126.73	ppb
Strontium	88-1	0.03	0.04	0.02	0.03	23.90	ppb
Sulfur	34-1	257.41	279.85	3.10	180.12	85.34	ppb
Terbium	159-1				94		%
Terbium	159-2				104		%
Thallium	203-1	0.10	0.07	0.08	0.08	20.72	ppb
Thallium	205-1	0.11	0.09	0.09	0.09	11.89	ppb
Tin	118-1	0.56	0.62	0.68	0.62	9.43	ppb
Titanium	47-1	-0.06	0.04	-0.03	-0.02		ppb
Uranium	238-1	0.05	0.05	0.04	0.05	19.82	ppb
Vanadium	51-2	0.02	0.03	0.02	0.02	35.17	ppb
Yttrium	89-2				104		%
Yttrium	89-1				97		%
Zinc	66-2	0.23	0.45	0.19	0.29	48.81	ppb
Zirconium	90-1	0.09	0.09	0.09	0.09	2.60	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:14:56	DataFile Name :	012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.10	0.10	0.14	0.11	22.05	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:18:30	DataFile Name :	013ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93461.41	92627.09	94124.35	93404.28	0.80	ppb
Antimony	121-1	1.97	2.07	2.15	2.06	4.53	ppb
Arsenic	75-2	0.55	0.44	0.64	0.54	18.23	ppb
Barium	135-1	1.75	1.73	1.81	1.76	2.30	ppb
Barium	137-1	1.50	1.58	1.54	1.54	2.53	ppb
Beryllium	9-1	0.33	0.28	0.27	0.29	11.18	ppb
Bismuth	209-1				96		%
Bismuth	209-2				99		%
Boron	10-1	9.21	6.62	6.81	7.55	19.16	ppb
Boron	11-1	7.86	8.10	7.81	7.92	1.99	ppb
Cadmium	106-1	-1.74	-1.11	-0.77	-1.20		ppb
Cadmium	108-1	14.23	13.30	13.99	13.84	3.47	ppb
Cadmium	111-1	0.26	0.57	0.38	0.40	38.60	ppb
Calcium	43-1	96008.27	95863.27	95806.76	95892.77	0.11	ppb
Calcium	44-1	96224.44	96793.08	96641.09	96552.87	0.30	ppb
Chromium	52-2	19.15	19.27	19.24	19.22	0.33	ppb
Cobalt	59-2	1.22	1.15	1.17	1.18	3.08	ppb
Copper	63-2	9.11	9.15	9.17	9.14	0.36	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				105		%
Holmium	165-1				95		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	92309.51	92435.57	92963.22	92569.43	0.37	ppb
Iron	57-2	91886.08	92317.66	92627.69	92277.14	0.40	ppb
Lead	206-1	5.61	5.35	5.46	5.47	2.38	ppb
Lead	207-1	4.79	4.91	4.72	4.81	2.01	ppb
Lead	208-1	5.19	5.08	5.04	5.10	1.51	ppb
Lithium	6-1				103		%
Magnesium	24-2	96810.65	96256.18	96615.25	96560.70	0.29	ppb
Manganese	55-2	7.82	8.19	8.25	8.09	2.88	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:18:30	DataFile Name :	013ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	584.82	578.37	575.56	579.58	0.82	ppb
Molybdenum	95-1	1953.55	1949.85	1914.33	1939.24	1.12	ppb
Molybdenum	96-1	1617.91	1598.39	1597.24	1604.51	0.72	ppb
Molybdenum	97-1	1867.78	1851.42	1841.63	1853.61	0.71	ppb
Molybdenum	98-1	1897.47	1910.14	1897.75	1901.79	0.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.05	5.15	5.05	5.08	1.19	ppb
Phosphorus	31-2	97110.92	97658.78	98122.08	97630.59	0.52	ppb
Potassium	39-2	97516.36	98074.23	98048.86	97879.82	0.32	ppb
Rhodium	103-2				98		%
Rhodium	103-1				96		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	77-2	1.10	0.00	0.00	0.37	173.21	ppb
Selenium	78-2	-0.14	0.36	0.91	0.38	139.75	ppb
Selenium	82-1	0.55	1.06	0.18	0.60	73.87	ppb
Silicon	28-1	25.22	25.35	25.93	25.50	1.48	ppb
Silver	109-1	0.29	0.27	0.25	0.27	7.98	ppb
Silver	107-1	0.30	0.28	0.26	0.28	8.66	ppb
Sodium	23-2	98903.57	97648.95	98772.76	98441.76	0.70	ppb
Strontium	86-1	30.66	30.95	30.82	30.81	0.47	ppb
Strontium	88-1	32.24	31.51	31.32	31.69	1.53	ppb
Sulfur	34-1	101024.94	100749.80	101358.28	101044.34	0.30	ppb
Terbium	159-1				95		%
Terbium	159-2				104		%
Thallium	203-1	0.99	0.77	0.63	0.80	22.93	ppb
Thallium	205-1	0.99	0.84	0.64	0.82	21.47	ppb
Tin	118-1	0.30	0.38	0.48	0.39	23.91	ppb
Titanium	47-1	1903.67	1898.63	1926.60	1909.63	0.78	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	10.45	ppb
Vanadium	51-2	0.13	0.14	0.11	0.13	12.29	ppb
Yttrium	89-2				104		%
Yttrium	89-1				97		%
Zinc	66-2	13.08	13.11	13.18	13.12	0.40	ppb
Zirconium	90-1	0.19	0.19	0.18	0.19	5.15	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:18:30	DataFile Name :	013ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.18	0.18	0.22	0.19	10.30	ppb

LB Number : LB85890 Operator : Jaswal
 Lab Sample ID : ICSAB Instrumnet Name : P7
 Client Sample ID : ICSAB Dilution Factor : 1
 Date & Time Acquired :: 2017-02-16 16:22:03 DataFile Name : 014ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93501.24	93725.04	93338.21	93521.50	0.21	ppb
Antimony	121-1	21.99	21.78	22.00	21.92	0.57	ppb
Arsenic	75-2	19.54	19.51	19.42	19.49	0.32	ppb
Barium	135-1	21.83	22.37	21.94	22.05	1.28	ppb
Barium	137-1	21.97	22.18	21.46	21.87	1.70	ppb
Beryllium	9-1	19.89	21.01	20.00	20.30	3.02	ppb
Bismuth	209-1				96		%
Bismuth	209-2				100		%
Boron	10-1	56.76	57.41	54.75	56.31	2.46	ppb
Boron	11-1	56.07	56.89	59.10	57.35	2.74	ppb
Cadmium	106-1	26.75	24.53	27.93	26.40	6.53	ppb
Cadmium	108-1	36.28	36.91	35.38	36.19	2.12	ppb
Cadmium	111-1	19.80	20.34	20.58	20.24	1.98	ppb
Calcium	43-1	95008.57	94903.28	95483.44	95131.76	0.32	ppb
Calcium	44-1	94316.58	94578.21	95799.96	94898.25	0.83	ppb
Chromium	52-2	38.30	38.30	38.37	38.32	0.10	ppb
Cobalt	59-2	21.39	21.13	21.39	21.30	0.70	ppb
Copper	63-2	29.68	29.74	29.38	29.60	0.64	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				105		%
Holmium	165-1				95		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	92002.73	92439.95	91554.46	91999.05	0.48	ppb
Iron	57-2	91607.97	91937.86	91404.07	91649.96	0.29	ppb
Lead	206-1	26.43	26.39	26.58	26.47	0.37	ppb
Lead	207-1	24.80	24.35	24.36	24.51	1.04	ppb
Lead	208-1	25.12	25.04	25.21	25.12	0.33	ppb
Lithium	6-1				102		%
Magnesium	24-2	96923.52	96176.29	95053.64	96051.15	0.98	ppb
Manganese	55-2	28.96	28.77	29.30	29.01	0.91	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:22:03	DataFile Name :	014ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	627.58	614.21	620.03	620.60	1.08	ppb
Molybdenum	95-1	1977.59	1938.60	1966.13	1960.77	1.02	ppb
Molybdenum	96-1	1643.56	1624.26	1643.34	1637.06	0.68	ppb
Molybdenum	97-1	1902.17	1878.25	1882.66	1887.69	0.67	ppb
Molybdenum	98-1	1937.43	1962.32	1946.18	1948.64	0.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.89	24.96	24.67	24.84	0.60	ppb
Phosphorus	31-2	97130.67	97378.35	96092.58	96867.20	0.70	ppb
Potassium	39-2	98155.98	98695.22	96127.37	97659.52	1.39	ppb
Rhodium	103-2				98		%
Rhodium	103-1				97		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	77-2	16.46	22.63	17.10	18.73	18.12	ppb
Selenium	78-2	20.52	22.08	20.81	21.14	3.93	ppb
Selenium	82-1	21.11	20.38	20.45	20.65	1.94	ppb
Silicon	28-1	83.62	83.20	84.23	83.68	0.62	ppb
Silver	109-1	19.41	19.46	19.51	19.46	0.25	ppb
Silver	107-1	19.05	19.56	19.23	19.28	1.35	ppb
Sodium	23-2	98359.69	98052.80	97900.43	98104.31	0.24	ppb
Strontium	86-1	81.85	80.96	81.11	81.31	0.58	ppb
Strontium	88-1	82.41	81.54	81.26	81.74	0.73	ppb
Sulfur	34-1	99357.12	99555.04	100216.32	99709.49	0.45	ppb
Terbium	159-1				95		%
Terbium	159-2				105		%
Thallium	203-1	20.63	21.12	20.79	20.84	1.19	ppb
Thallium	205-1	20.97	20.74	20.92	20.88	0.60	ppb
Tin	118-1	56.25	56.76	56.13	56.38	0.59	ppb
Titanium	47-1	1950.96	1938.17	1930.20	1939.78	0.54	ppb
Uranium	238-1	56.63	56.51	56.18	56.44	0.41	ppb
Vanadium	51-2	19.58	19.42	19.42	19.47	0.48	ppb
Yttrium	89-2				104		%
Yttrium	89-1				96		%
Zinc	66-2	31.55	32.69	31.58	31.94	2.04	ppb
Zirconium	90-1	54.98	54.60	54.30	54.63	0.62	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:22:03	DataFile Name :	014ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	54.28	54.42	54.96	54.55	0.66	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	CCV096	Instrumnet Name :	P7
Client Sample ID :	CCV096	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:25:36	DataFile Name :	015CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9985.68	9849.98	9840.61	9892.09	0.82	ppb
Antimony	121-1	497.26	496.42	497.42	497.03	0.11	ppb
Arsenic	75-2	500.17	496.15	501.92	499.41	0.59	ppb
Barium	135-1	2512.79	2527.78	2534.53	2525.04	0.44	ppb
Barium	137-1	2482.61	2511.96	2514.49	2503.02	0.71	ppb
Beryllium	9-1	486.60	481.29	489.30	485.73	0.84	ppb
Bismuth	209-1				101		%
Bismuth	209-2				104		%
Boron	10-1	455.48	465.52	475.78	465.59	2.18	ppb
Boron	11-1	467.21	469.80	473.69	470.23	0.69	ppb
Cadmium	106-1	507.25	511.72	518.41	512.46	1.10	ppb
Cadmium	108-1	509.02	520.29	517.42	515.58	1.14	ppb
Cadmium	111-1	506.75	512.72	515.73	511.73	0.89	ppb
Calcium	43-1	49283.82	49247.94	49009.84	49180.53	0.30	ppb
Calcium	44-1	48409.78	48580.03	48311.90	48433.91	0.28	ppb
Chromium	52-2	499.56	501.09	495.58	498.74	0.57	ppb
Cobalt	59-2	503.61	505.07	500.55	503.07	0.46	ppb
Copper	63-2	1011.24	1018.34	1013.25	1014.28	0.36	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				107		%
Holmium	165-1				96		%
Indium	115-1				98		%
Indium	115-2				105		%
Iron	56-2	24355.03	23971.26	23974.25	24100.18	0.92	ppb
Iron	57-2	24396.96	24453.43	24376.34	24408.91	0.16	ppb
Lead	206-1	501.38	504.29	496.91	500.86	0.74	ppb
Lead	207-1	499.86	505.35	498.79	501.33	0.70	ppb
Lead	208-1	497.72	502.66	495.97	498.78	0.70	ppb
Lithium	6-1				106		%
Magnesium	24-2	49329.03	49462.03	49270.87	49353.98	0.20	ppb
Manganese	55-2	1016.60	1016.80	1012.70	1015.37	0.23	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	CCV096	Instrumnet Name :	P7
Client Sample ID :	CCV096	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:25:36	DataFile Name :	015CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	502.81	498.55	501.05	500.80	0.43	ppb
Molybdenum	95-1	511.81	507.61	507.70	509.04	0.47	ppb
Molybdenum	96-1	509.42	505.42	507.86	507.57	0.40	ppb
Molybdenum	97-1	508.64	498.80	507.54	504.99	1.07	ppb
Molybdenum	98-1	503.37	499.02	498.57	500.32	0.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	500.35	505.20	494.96	500.17	1.02	ppb
Phosphorus	31-2	10203.11	9822.06	10157.18	10060.79	2.07	ppb
Potassium	39-2	25049.59	25262.13	25155.19	25155.63	0.42	ppb
Rhodium	103-2				101		%
Rhodium	103-1				101		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	77-2	483.09	463.85	477.29	474.74	2.08	ppb
Selenium	78-2	525.64	514.13	499.94	513.24	2.51	ppb
Selenium	82-1	514.75	507.91	513.54	512.07	0.71	ppb
Silicon	28-1	525.13	532.29	528.35	528.59	0.68	ppb
Silver	109-1	505.91	510.32	513.37	509.87	0.74	ppb
Silver	107-1	506.15	510.37	509.20	508.57	0.43	ppb
Sodium	23-2	50520.49	50373.26	50458.17	50450.64	0.15	ppb
Strontium	86-1	509.06	503.62	504.56	505.75	0.58	ppb
Strontium	88-1	498.48	496.57	497.83	497.63	0.20	ppb
Sulfur	34-1	9235.06	9348.39	9398.28	9327.24	0.90	ppb
Terbium	159-1				96		%
Terbium	159-2				106		%
Thallium	203-1	502.03	504.34	493.91	500.09	1.10	ppb
Thallium	205-1	483.97	491.08	483.90	486.32	0.85	ppb
Tin	118-1	514.77	513.34	519.99	516.03	0.68	ppb
Titanium	47-1	491.58	497.54	497.21	495.44	0.68	ppb
Uranium	238-1	485.24	486.69	487.23	486.39	0.21	ppb
Vanadium	51-2	500.24	501.49	497.07	499.60	0.46	ppb
Yttrium	89-2				106		%
Yttrium	89-1				98		%
Zinc	66-2	1009.84	1015.51	1006.02	1010.46	0.47	ppb
Zirconium	90-1	502.70	495.84	496.86	498.47	0.74	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	CCV096	Instrumnet Name :	P7
Client Sample ID :	CCV096	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:25:36	DataFile Name :	015CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	510.76	499.72	503.43	504.64	1.11	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	CCB096	Instrumnet Name :	P7
Client Sample ID :	CCB096	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:29:06	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.00	2.82	1.57	2.46	31.61	ppb
Antimony	121-1	2.45	2.67	2.70	2.60	5.24	ppb
Arsenic	75-2	0.68	0.69	0.67	0.68	1.41	ppb
Barium	135-1	0.22	0.22	0.18	0.20	10.99	ppb
Barium	137-1	0.19	0.17	0.16	0.17	6.77	ppb
Beryllium	9-1	0.14	0.14	0.09	0.12	25.31	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Boron	10-1	11.75	11.45	9.89	11.03	9.02	ppb
Boron	11-1	10.76	10.28	10.11	10.38	3.23	ppb
Cadmium	106-1	1.36	0.63	1.02	1.00	36.22	ppb
Cadmium	108-1	0.13	-0.08	0.02	0.02	437.74	ppb
Cadmium	111-1	0.12	0.08	0.09	0.10	23.16	ppb
Calcium	43-1	6.18	5.77	4.23	5.39	19.04	ppb
Calcium	44-1	7.66	7.70	9.30	8.22	11.39	ppb
Chromium	52-2	0.02	0.04	0.02	0.03	44.95	ppb
Cobalt	59-2	0.04	0.02	0.02	0.03	43.79	ppb
Copper	63-2	0.14	0.17	0.17	0.16	8.93	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				104		%
Holmium	165-1				96		%
Indium	115-1				104		%
Indium	115-2				105		%
Iron	56-2	6.30	5.29	5.46	5.68	9.48	ppb
Iron	57-2	5.34	6.20	6.13	5.89	8.11	ppb
Lead	206-1	0.18	0.21	0.22	0.21	9.21	ppb
Lead	207-1	0.16	0.24	0.25	0.22	20.98	ppb
Lead	208-1	0.18	0.19	0.21	0.19	8.55	ppb
Lithium	6-1				107		%
Magnesium	24-2	2.89	1.92	2.03	2.28	23.32	ppb
Manganese	55-2	0.05	0.04	0.04	0.04	12.05	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	CCB096	Instrumnet Name :	P7
Client Sample ID :	CCB096	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:29:06	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.47	0.59	0.68	0.58	18.58	ppb
Molybdenum	95-1	1.43	1.88	2.02	1.78	17.45	ppb
Molybdenum	96-1	1.24	1.54	1.91	1.56	21.27	ppb
Molybdenum	97-1	1.40	1.92	1.79	1.70	15.97	ppb
Molybdenum	98-1	1.38	1.77	1.95	1.70	17.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.01	0.01	0.00		ppb
Phosphorus	31-2	-10.20	-6.98	-10.54	-9.24		ppb
Potassium	39-2	18.61	17.54	20.88	19.01	8.98	ppb
Rhodium	103-2				102		%
Rhodium	103-1				101		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	77-2	1.08	0.00	0.00	0.36	173.21	ppb
Selenium	78-2	1.62	3.09	1.23	1.98	49.32	ppb
Selenium	82-1	0.15	0.80	0.75	0.56	64.40	ppb
Silicon	28-1	3.18	11.50	0.60	5.09	111.87	ppb
Silver	109-1	0.06	0.05	0.05	0.05	9.94	ppb
Silver	107-1	0.04	0.04	0.03	0.04	24.23	ppb
Sodium	23-2	35.46	33.70	31.89	33.68	5.31	ppb
Strontium	86-1	0.08	0.02	0.03	0.04	69.00	ppb
Strontium	88-1	0.03	0.04	0.03	0.03	13.07	ppb
Sulfur	34-1	-807.55	-815.05	-960.86	-861.15		ppb
Terbium	159-1				95		%
Terbium	159-2				104		%
Thallium	203-1	0.11	0.08	0.07	0.09	20.96	ppb
Thallium	205-1	0.12	0.10	0.09	0.10	11.54	ppb
Tin	118-1	0.56	0.62	0.68	0.62	9.80	ppb
Titanium	47-1	0.07	0.06	0.10	0.08	24.77	ppb
Uranium	238-1	0.05	0.03	0.05	0.04	17.87	ppb
Vanadium	51-2	0.03	0.02	0.00	0.02	72.80	ppb
Yttrium	89-2				105		%
Yttrium	89-1				97		%
Zinc	66-2	0.49	0.42	0.52	0.48	10.71	ppb
Zirconium	90-1	0.08	0.11	0.10	0.10	18.47	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	CCB096	Instrumnet Name :	P7
Client Sample ID :	CCB096	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:29:06	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.10	0.12	0.09	0.10	15.16	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:32:41	DataFile Name :	017SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.33	22.76	20.29	22.12	7.30	ppb
Antimony	121-1	2.73	2.70	2.83	2.75	2.49	ppb
Arsenic	75-2	1.22	1.05	1.16	1.14	7.57	ppb
Barium	135-1	9.60	9.57	9.56	9.58	0.18	ppb
Barium	137-1	9.51	9.75	9.52	9.59	1.40	ppb
Beryllium	9-1	0.95	0.89	1.06	0.97	8.89	ppb
Bismuth	209-1				100		%
Bismuth	209-2				104		%
Boron	10-1	58.01	54.85	58.32	57.06	3.37	ppb
Boron	11-1	57.11	59.79	59.34	58.75	2.44	ppb
Cadmium	106-1	0.53	0.63	0.93	0.70	29.99	ppb
Cadmium	108-1	1.55	0.66	0.92	1.04	43.82	ppb
Cadmium	111-1	0.83	0.95	1.06	0.94	12.26	ppb
Calcium	43-1	463.11	473.16	467.55	467.94	1.08	ppb
Calcium	44-1	477.97	482.83	483.98	481.59	0.66	ppb
Chromium	52-2	1.99	1.89	1.98	1.95	2.82	ppb
Cobalt	59-2	1.01	1.07	1.02	1.03	3.10	ppb
Copper	63-2	2.13	2.21	2.24	2.19	2.59	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				103		%
Holmium	165-1				95		%
Indium	115-1				98		%
Indium	115-2				105		%
Iron	56-2	51.12	52.22	52.58	51.97	1.47	ppb
Iron	57-2	50.27	47.96	53.74	50.66	5.75	ppb
Lead	206-1	1.18	1.18	1.23	1.19	2.32	ppb
Lead	207-1	1.09	1.08	1.15	1.11	3.30	ppb
Lead	208-1	1.16	1.14	1.14	1.15	0.83	ppb
Lithium	6-1				105		%
Magnesium	24-2	484.79	491.43	503.39	493.20	1.91	ppb
Manganese	55-2	1.15	0.98	1.07	1.07	7.93	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:32:41	DataFile Name :	017SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.30	2.30	2.26	2.29	1.07	ppb
Molybdenum	95-1	5.29	5.14	5.51	5.31	3.49	ppb
Molybdenum	96-1	4.29	4.56	4.56	4.47	3.42	ppb
Molybdenum	97-1	5.32	5.24	5.42	5.33	1.75	ppb
Molybdenum	98-1	5.16	5.24	5.38	5.26	2.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.05	0.98	1.08	1.03	5.09	ppb
Phosphorus	31-2	5.87	-7.01	6.25	1.71	442.54	ppb
Potassium	39-2	499.20	484.76	513.21	499.06	2.85	ppb
Rhodium	103-2				102		%
Rhodium	103-1				100		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	77-2	4.39	4.34	4.31	4.35	1.00	ppb
Selenium	78-2	5.36	5.98	4.30	5.21	16.31	ppb
Selenium	82-1	5.42	4.79	5.05	5.09	6.21	ppb
Silicon	28-1	6.65	7.04	8.34	7.34	12.01	ppb
Silver	109-1	0.22	0.24	0.23	0.23	5.80	ppb
Silver	107-1	0.23	0.25	0.23	0.24	3.82	ppb
Sodium	23-2	522.47	518.30	531.80	524.19	1.32	ppb
Strontium	86-1	0.98	1.02	0.78	0.93	13.79	ppb
Strontium	88-1	0.93	0.95	0.88	0.92	3.92	ppb
Sulfur	34-1	-686.06	-529.21	-445.23	-553.50		ppb
Terbium	159-1				94		%
Terbium	159-2				103		%
Thallium	203-1	1.00	0.99	0.93	0.97	3.92	ppb
Thallium	205-1	0.99	0.93	1.02	0.98	4.93	ppb
Tin	118-1	5.26	5.22	5.09	5.19	1.73	ppb
Titanium	47-1	4.33	4.60	4.33	4.42	3.53	ppb
Uranium	238-1	1.00	0.99	0.96	0.98	2.35	ppb
Vanadium	51-2	4.64	4.83	4.89	4.79	2.76	ppb
Yttrium	89-2				104		%
Yttrium	89-1				96		%
Zinc	66-2	2.58	2.76	2.29	2.54	9.40	ppb
Zirconium	90-1	0.85	0.86	0.81	0.84	2.71	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:32:41	DataFile Name :	017SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.92	0.92	0.85	0.90	4.72	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	PB96835BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:36:15	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.89	0.35	0.35	0.53	59.18	ppb
Antimony	121-1	0.32	0.38	0.44	0.38	14.82	ppb
Arsenic	75-2	0.15	0.06	0.16	0.12	44.78	ppb
Barium	135-1	0.04	0.01	0.04	0.03	61.17	ppb
Barium	137-1	0.01	0.02	0.04	0.02	68.26	ppb
Beryllium	9-1	0.01	0.00	0.00	0.00	240.06	ppb
Bismuth	209-1				101		%
Bismuth	209-2				104		%
Boron	10-1	3.95	4.80	4.70	4.48	10.41	ppb
Boron	11-1	4.52	3.74	3.81	4.02	10.70	ppb
Cadmium	106-1	-1.05	-0.80	0.62	-0.41		ppb
Cadmium	108-1	-0.08	-0.13	0.13	-0.03		ppb
Cadmium	111-1	-0.09	-0.07	0.04	-0.04		ppb
Calcium	43-1	2.83	5.32	5.35	4.50	32.07	ppb
Calcium	44-1	0.74	2.07	1.82	1.54	45.86	ppb
Chromium	52-2	-0.21	-0.25	-0.25	-0.24		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	126.32	ppb
Copper	63-2	0.04	0.08	0.06	0.06	29.46	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				104		%
Holmium	165-1				96		%
Indium	115-1				103		%
Indium	115-2				105		%
Iron	56-2	0.61	0.76	0.70	0.69	10.74	ppb
Iron	57-2	1.59	1.21	0.02	0.94	87.15	ppb
Lead	206-1	0.13	0.11	0.09	0.11	15.66	ppb
Lead	207-1	0.10	0.13	0.11	0.11	13.95	ppb
Lead	208-1	0.12	0.11	0.10	0.11	11.19	ppb
Lithium	6-1				106		%
Magnesium	24-2	0.33	0.04	0.52	0.30	81.92	ppb
Manganese	55-2	-0.01	0.04	0.01	0.01	211.58	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	PB96835BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:36:15	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.12	0.17	0.20	0.16	22.57	ppb
Molybdenum	95-1	0.36	0.32	0.47	0.38	20.14	ppb
Molybdenum	96-1	0.25	0.34	0.44	0.34	29.08	ppb
Molybdenum	97-1	0.32	0.41	0.44	0.39	16.73	ppb
Molybdenum	98-1	0.32	0.39	0.44	0.39	15.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	-0.03	-0.02		ppb
Phosphorus	31-2	-16.40	-26.31	-23.18	-21.97		ppb
Potassium	39-2	16.17	15.80	17.39	16.45	5.05	ppb
Rhodium	103-2				102		%
Rhodium	103-1				101		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.14	0.19	1.26	0.86	68.34	ppb
Selenium	82-1	0.48	0.41	0.74	0.54	32.32	ppb
Silicon	28-1	-2.24	-0.35	-0.73	-1.10		ppb
Silver	109-1	0.01	0.01	0.01	0.01	15.95	ppb
Silver	107-1	0.01	0.02	0.03	0.02	41.21	ppb
Sodium	23-2	24.55	21.03	22.20	22.59	7.94	ppb
Strontium	86-1	0.06	0.02	0.02	0.03	76.30	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	3982.03	ppb
Sulfur	34-1	-1058.64	-899.22	-838.14	-932.00		ppb
Terbium	159-1				95		%
Terbium	159-2				104		%
Thallium	203-1	0.01	0.02	0.01	0.01	30.75	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	21.36	ppb
Tin	118-1	0.15	0.17	0.18	0.17	8.01	ppb
Titanium	47-1	-0.05	0.01	0.01	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-2				104		%
Yttrium	89-1				97		%
Zinc	66-2	0.23	0.28	0.15	0.22	31.00	ppb
Zirconium	90-1	0.04	0.05	0.02	0.04	30.34	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	PB96835BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:36:15	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.03	0.06	0.05	29.56	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	PB96835BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:41:26	DataFile Name :	019LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.46	39.24	40.63	39.44	2.79	ppb
Antimony	121-1	3.97	3.95	4.07	4.00	1.65	ppb
Arsenic	75-2	1.86	1.80	2.05	1.90	6.78	ppb
Barium	135-1	19.41	18.42	18.63	18.82	2.78	ppb
Barium	137-1	19.19	18.72	18.66	18.86	1.54	ppb
Beryllium	9-1	2.02	1.62	2.03	1.89	12.37	ppb
Bismuth	209-1				101		%
Bismuth	209-2				104		%
Boron	10-1	43.91	49.93	46.95	46.93	6.41	ppb
Boron	11-1	46.53	48.30	48.12	47.65	2.05	ppb
Cadmium	111-1	2.05	1.67	1.82	1.85	10.53	ppb
Cadmium	106-1	2.43	-0.89	0.77	0.77	215.13	ppb
Cadmium	108-1	2.04	2.18	1.57	1.93	16.40	ppb
Calcium	43-1	916.36	901.94	910.48	909.60	0.80	ppb
Calcium	44-1	920.72	933.61	933.22	929.18	0.79	ppb
Chromium	52-2	3.94	3.92	3.91	3.92	0.48	ppb
Cobalt	59-2	1.93	1.93	2.08	1.98	4.38	ppb
Copper	63-2	4.16	4.10	3.93	4.06	2.92	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				96		%
Holmium	165-2				104		%
Indium	115-2				105		%
Indium	115-1				96		%
Iron	56-2	532.97	531.86	530.17	531.67	0.27	ppb
Iron	57-2	497.53	485.59	496.47	493.20	1.34	ppb
Lead	206-1	2.05	2.00	2.00	2.02	1.28	ppb
Lead	207-1	1.94	2.02	2.00	1.99	2.13	ppb
Lead	208-1	2.04	2.00	2.01	2.02	0.95	ppb
Lithium	6-1				104		%
Magnesium	24-2	954.34	951.37	948.55	951.42	0.30	ppb
Manganese	55-2	2.14	2.06	2.23	2.14	3.87	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	PB96835BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:41:26	DataFile Name :	019LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.01	3.96	3.95	3.97	0.78	ppb
Molybdenum	95-1	9.68	9.19	9.28	9.38	2.74	ppb
Molybdenum	96-1	8.19	8.31	8.28	8.26	0.75	ppb
Molybdenum	97-1	9.40	9.30	9.75	9.48	2.47	ppb
Molybdenum	98-1	9.30	9.30	9.22	9.27	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.22	2.11	2.11	2.15	3.01	ppb
Phosphorus	31-2	12.45	8.83	34.30	18.52	74.39	ppb
Potassium	39-2	970.37	967.90	976.01	971.43	0.43	ppb
Rhodium	103-2				102		%
Rhodium	103-1				101		%
Scandium	45-2				102		%
Scandium	45-1				101		%
Selenium	77-2	10.86	8.69	12.93	10.83	19.60	ppb
Selenium	78-2	12.68	10.51	10.41	11.20	11.46	ppb
Selenium	82-1	9.92	10.61	10.74	10.42	4.21	ppb
Silicon	28-1	7.36	9.90	10.99	9.41	19.79	ppb
Silver	109-1	1.98	1.85	1.94	1.92	3.60	ppb
Silver	107-1	1.92	1.99	1.93	1.94	1.88	ppb
Sodium	23-2	985.21	980.53	979.40	981.72	0.31	ppb
Strontium	86-1	1.81	1.84	1.77	1.81	2.02	ppb
Strontium	88-1	1.80	1.81	1.79	1.80	0.57	ppb
Sulfur	34-1	-986.90	-827.76	-661.40	-825.36		ppb
Terbium	159-1				96		%
Terbium	159-2				104		%
Thallium	203-1	1.85	1.81	1.98	1.88	4.79	ppb
Thallium	205-1	1.87	1.99	1.93	1.93	3.18	ppb
Tin	118-1	9.81	9.42	9.40	9.55	2.43	ppb
Titanium	47-1	9.15	9.16	8.84	9.05	2.01	ppb
Uranium	238-1	1.94	1.99	1.93	1.95	1.62	ppb
Vanadium	51-2	9.09	9.40	9.21	9.23	1.69	ppb
Yttrium	89-2				104		%
Yttrium	89-1				97		%
Zinc	66-2	4.64	4.28	4.77	4.56	5.59	ppb
Zirconium	90-1	1.63	1.51	1.58	1.57	3.62	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	PB96835BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:41:26	DataFile Name :	019LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.66	1.71	1.62	1.66	2.80	ppb

LB Number : LB85890 Operator : Jaswal
 Lab Sample ID : PB96648BL Instrumnet Name : P7
 Client Sample ID : PB96648BL Dilution Factor : 1
 Date & Time Acquired :: 2017-02-16 16:45:01 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.18	0.18	0.17	0.17	1.87	ppb
Antimony	121-1	0.17	0.18	0.23	0.19	16.09	ppb
Arsenic	75-2	0.11	0.07	0.18	0.12	43.54	ppb
Barium	135-1	0.03	0.04	0.01	0.03	60.58	ppb
Barium	137-1	0.01	0.03	0.01	0.02	69.39	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	488.27	ppb
Bismuth	209-1				101		%
Bismuth	209-2				104		%
Boron	10-1	3.82	4.36	2.02	3.40	36.06	ppb
Boron	11-1	3.57	3.31	3.02	3.30	8.35	ppb
Cadmium	106-1	-0.11	1.29	-0.34	0.28	313.32	ppb
Cadmium	108-1	-0.13	-0.03	-0.08	-0.08		ppb
Cadmium	111-1	-0.01	0.09	-0.02	0.02	347.10	ppb
Calcium	43-1	2.82	1.91	1.58	2.10	30.36	ppb
Calcium	44-1	0.78	1.88	2.50	1.72	50.78	ppb
Chromium	52-2	-0.21	-0.21	-0.24	-0.22		ppb
Cobalt	59-2	0.00	0.00	0.02	0.01	193.78	ppb
Copper	63-2	0.01	0.01	0.04	0.02	82.43	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				103		%
Holmium	165-1				96		%
Indium	115-1				97		%
Indium	115-2				105		%
Iron	56-2	0.28	0.41	0.27	0.32	24.83	ppb
Iron	57-2	0.91	0.55	-0.15	0.44	123.24	ppb
Lead	206-1	0.11	0.12	0.09	0.11	14.52	ppb
Lead	207-1	0.09	0.12	0.10	0.10	13.29	ppb
Lead	208-1	0.09	0.12	0.10	0.10	11.51	ppb
Lithium	6-1				105		%
Magnesium	24-2	0.06	-0.16	0.17	0.02	675.76	ppb
Manganese	55-2	-0.01	0.01	0.02	0.00	506.03	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	PB96648BL	Instrumnet Name :	P7
Client Sample ID :	PB96648BL	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:45:01	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.09	0.11	0.14	0.11	24.52	ppb
Molybdenum	95-1	0.17	0.21	0.32	0.23	31.78	ppb
Molybdenum	96-1	0.18	0.22	0.27	0.22	20.29	ppb
Molybdenum	97-1	0.21	0.16	0.25	0.21	22.47	ppb
Molybdenum	98-1	0.17	0.19	0.28	0.21	27.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.00	-0.01	-0.01		ppb
Phosphorus	31-2	-3.28	-6.78	-23.16	-11.07		ppb
Potassium	39-2	12.95	7.94	4.79	8.56	48.05	ppb
Rhodium	103-2				101		%
Rhodium	103-1				100		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	2.78	0.56	2.73	2.02	62.79	ppb
Selenium	82-1	-0.32	-0.55	-0.02	-0.30		ppb
Silicon	28-1	-3.21	-2.56	-1.15	-2.30		ppb
Silver	109-1	0.00	0.00	0.01	0.00	171.17	ppb
Silver	107-1	0.00	0.01	0.00	0.00	103.97	ppb
Sodium	23-2	17.71	17.31	15.53	16.85	6.89	ppb
Strontium	86-1	0.00	0.04	0.05	0.03	87.84	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-839.44	-898.63	-693.86	-810.64		ppb
Terbium	159-1				96		%
Terbium	159-2				103		%
Thallium	203-1	0.00	0.00	-0.01	0.00		ppb
Thallium	205-1	0.00	0.01	0.00	0.00	204.25	ppb
Tin	118-1	0.10	0.15	0.12	0.13	20.18	ppb
Titanium	47-1	-0.06	-0.05	-0.02	-0.04		ppb
Uranium	238-1	-0.01	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	528.81	ppb
Yttrium	89-2				104		%
Yttrium	89-1				97		%
Zinc	66-2	0.17	0.20	0.04	0.14	60.11	ppb
Zirconium	90-1	0.04	0.04	0.05	0.04	15.80	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	PB96648BL	Instrumnet Name :	P7
Client Sample ID :	PB96648BL	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:45:01	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.08	0.04	0.06	27.16	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	PB96648BS	Instrumnet Name :	P7
Client Sample ID :	PB96648BS	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:48:35	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.18	0.00	0.00	0.06	179.03	ppb
Antimony	121-1	0.14	0.14	0.20	0.16	19.72	ppb
Arsenic	75-2	0.05	0.04	0.04	0.04	15.60	ppb
Barium	135-1	0.02	0.02	0.04	0.03	44.53	ppb
Barium	137-1	0.02	0.03	0.03	0.02	27.37	ppb
Beryllium	9-1	-0.01	0.00	-0.01	-0.01		ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Boron	10-1	2.52	2.84	2.24	2.53	11.91	ppb
Boron	11-1	2.35	2.14	1.92	2.14	10.16	ppb
Cadmium	106-1	0.56	-1.12	-0.11	-0.22		ppb
Cadmium	108-1	-0.13	-0.13	-0.08	-0.11		ppb
Cadmium	111-1	0.04	-0.09	-0.02	-0.02		ppb
Calcium	43-1	2.40	0.51	0.08	1.00	124.05	ppb
Calcium	44-1	4.39	5.56	3.38	4.44	24.47	ppb
Chromium	52-2	-0.22	-0.20	-0.18	-0.20		ppb
Cobalt	59-2	0.00	0.00	0.01	0.01	103.33	ppb
Copper	63-2	0.01	0.01	0.06	0.03	117.92	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				104		%
Holmium	165-1				96		%
Indium	115-1				99		%
Indium	115-2				105		%
Iron	56-2	0.57	0.44	0.42	0.48	16.51	ppb
Iron	57-2	1.08	0.74	0.72	0.85	23.81	ppb
Lead	206-1	504.78	502.41	502.84	503.34	0.25	ppb
Lead	207-1	493.53	495.01	495.37	494.64	0.20	ppb
Lead	208-1	494.29	497.20	496.70	496.06	0.31	ppb
Lithium	6-1				105		%
Magnesium	24-2	0.62	0.83	0.12	0.52	70.18	ppb
Manganese	55-2	0.05	0.02	0.01	0.03	67.19	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	PB96648BS	Instrumnet Name :	P7
Client Sample ID :	PB96648BS	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:48:35	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.07	0.05	0.10	0.07	30.33	ppb
Molybdenum	95-1	0.16	0.16	0.28	0.20	34.69	ppb
Molybdenum	96-1	0.13	0.19	0.22	0.18	24.09	ppb
Molybdenum	97-1	0.15	0.21	0.22	0.19	21.91	ppb
Molybdenum	98-1	0.15	0.16	0.19	0.17	14.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.02	-0.01	-0.02		ppb
Phosphorus	31-2	-32.44	-0.03	2.75	-9.91		ppb
Potassium	39-2	12.57	14.71	3.56	10.28	57.54	ppb
Rhodium	103-2				102		%
Rhodium	103-1				101		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	77-2	0.00	0.00	1.09	0.36	173.21	ppb
Selenium	78-2	1.16	1.10	2.01	1.42	35.66	ppb
Selenium	82-1	-0.30	0.62	-0.88	-0.19		ppb
Silicon	28-1	-1.26	-1.93	-0.15	-1.12		ppb
Silver	109-1	0.00	0.01	0.00	0.00	83.12	ppb
Silver	107-1	0.00	0.00	0.00	0.00	43.21	ppb
Sodium	23-2	12.05	15.58	15.30	14.31	13.70	ppb
Strontium	86-1	0.01	-0.02	0.02	0.00	861.76	ppb
Strontium	88-1	0.00	0.01	0.01	0.01	43.27	ppb
Sulfur	34-1	-688.07	-664.01	-773.96	-708.68		ppb
Terbium	159-1				95		%
Terbium	159-2				103		%
Thallium	203-1	0.01	0.00	0.00	0.00	243.04	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	155.95	ppb
Tin	118-1	0.14	0.16	0.16	0.15	7.46	ppb
Titanium	47-1	-0.08	-0.06	-0.02	-0.05		ppb
Uranium	238-1	-0.01	-0.01	0.00	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	220.83	ppb
Yttrium	89-2				103		%
Yttrium	89-1				96		%
Zinc	66-2	0.17	0.19	0.18	0.18	4.83	ppb
Zirconium	90-1	0.04	0.03	0.03	0.03	17.68	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	PB96648BS	Instrumnet Name :	P7
Client Sample ID :	PB96648BS	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:48:35	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.03	0.04	0.04	16.83	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	I1672-01	Instrumnet Name :	P7
Client Sample ID :	MG9S94	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:52:09	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.01	1.33	1.67	2.00	44.16	ppb
Antimony	121-1	0.16	0.15	0.16	0.16	3.87	ppb
Arsenic	75-2	0.05	0.06	0.13	0.08	56.88	ppb
Barium	135-1	6.56	6.32	6.38	6.42	1.99	ppb
Barium	137-1	6.31	6.40	6.35	6.35	0.72	ppb
Beryllium	9-1	0.00	-0.01	0.04	0.01	301.42	ppb
Bismuth	209-1				109		%
Bismuth	209-2				109		%
Boron	10-1	937.57	944.42	957.98	946.66	1.10	ppb
Boron	11-1	974.64	986.08	992.25	984.33	0.91	ppb
Cadmium	106-1	-0.86	0.67	0.24	0.02	4219.69	ppb
Cadmium	108-1	-0.08	0.06	-0.04	-0.02		ppb
Cadmium	111-1	-0.06	0.06	0.03	0.01	585.27	ppb
Calcium	43-1	36.23	49.01	35.98	40.41	18.44	ppb
Calcium	44-1	32.87	32.66	36.13	33.89	5.74	ppb
Chromium	52-2	-0.15	-0.11	-0.18	-0.14		ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	199.91	ppb
Copper	63-2	3.24	3.40	3.34	3.33	2.48	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				109		%
Holmium	165-1				105		%
Indium	115-1				107		%
Indium	115-2				110		%
Iron	56-2	6.96	6.89	7.46	7.10	4.40	ppb
Iron	57-2	6.63	6.80	7.98	7.14	10.32	ppb
Lead	206-1	0.57	0.53	0.49	0.53	7.02	ppb
Lead	207-1	0.58	0.54	0.44	0.52	14.22	ppb
Lead	208-1	0.60	0.52	0.45	0.52	13.98	ppb
Lithium	6-1				111		%
Magnesium	24-2	5.72	6.52	5.03	5.76	12.95	ppb
Manganese	55-2	0.54	0.69	0.56	0.59	13.16	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	I1672-01	Instrumnet Name :	P7
Client Sample ID :	MG9S94	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:52:09	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.05	0.07	0.05	23.62	ppb
Molybdenum	95-1	0.09	0.13	0.18	0.13	31.67	ppb
Molybdenum	96-1	0.06	0.12	0.15	0.11	41.75	ppb
Molybdenum	97-1	0.04	0.12	0.17	0.11	61.29	ppb
Molybdenum	98-1	0.10	0.10	0.16	0.12	31.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.11	0.12	0.11	0.11	8.31	ppb
Phosphorus	31-2	-21.23	-2.95	-27.19	-17.12		ppb
Potassium	39-2	37.92	38.74	40.16	38.94	2.91	ppb
Rhodium	103-2				108		%
Rhodium	103-1				105		%
Scandium	45-1				108		%
Scandium	45-2				107		%
Selenium	77-2	0.00	0.00	1.04	0.35	173.21	ppb
Selenium	78-2	1.80	-0.27	0.94	0.82	126.90	ppb
Selenium	82-1	-0.04	-0.31	-0.22	-0.19		ppb
Silicon	28-1	1985.32	1993.09	1960.24	1979.55	0.87	ppb
Silver	109-1	0.50	0.50	0.51	0.51	1.35	ppb
Silver	107-1	0.51	0.50	0.50	0.50	1.45	ppb
Sodium	23-2	264.87	266.16	264.24	265.09	0.37	ppb
Strontium	86-1	0.06	0.19	0.06	0.10	71.95	ppb
Strontium	88-1	0.10	0.09	0.10	0.10	6.05	ppb
Sulfur	34-1	-1563.92	-1652.32	-1572.61	-1596.28		ppb
Terbium	159-1				104		%
Terbium	159-2				108		%
Thallium	203-1	0.02	0.02	0.00	0.01	85.38	ppb
Thallium	205-1	0.03	0.01	0.01	0.02	78.08	ppb
Tin	118-1	0.12	0.16	0.13	0.14	18.58	ppb
Titanium	47-1	0.14	0.06	0.01	0.07	90.31	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.02	0.04	0.01	0.02	69.09	ppb
Yttrium	89-2				108		%
Yttrium	89-1				106		%
Zinc	66-2	4.29	4.88	4.35	4.51	7.22	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	1.02	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	I1672-01	Instrumnet Name :	P7
Client Sample ID :	MG9S94	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:52:09	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.05	0.05	0.04	12.64	ppb

LB Number : LB85890 Operator : Jaswal
 Lab Sample ID : I1636-01 Instrumnet Name : P7
 Client Sample ID : Q013BSCRC-3-33.1F-03 Dilution Factor : 1
 Date & Time Acquired :: 2017-02-16 16:55:41 DataFile Name : 023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.24	6.12	5.60	5.65	7.81	ppb
Antimony	121-1	0.12	0.10	0.13	0.12	10.93	ppb
Arsenic	75-2	0.28	0.18	0.33	0.26	27.85	ppb
Barium	135-1	14.95	15.07	15.52	15.18	1.99	ppb
Barium	137-1	14.79	14.75	15.18	14.91	1.57	ppb
Beryllium	9-1	-0.02	0.00	-0.01	-0.01		ppb
Bismuth	209-1				110		%
Bismuth	209-2				112		%
Boron	10-1	25.10	23.95	19.33	22.79	13.39	ppb
Boron	11-1	24.18	23.22	22.71	23.37	3.20	ppb
Cadmium	106-1	-0.36	0.26	-0.11	-0.07		ppb
Cadmium	108-1	0.05	0.14	0.01	0.07	102.00	ppb
Cadmium	111-1	0.00	0.05	0.04	0.03	88.42	ppb
Calcium	43-1	6079.31	6245.40	6231.48	6185.39	1.49	ppb
Calcium	44-1	6215.89	6266.50	6284.00	6255.46	0.57	ppb
Chromium	52-2	-0.28	-0.27	-0.27	-0.27		ppb
Cobalt	59-2	0.03	0.02	0.02	0.02	23.30	ppb
Copper	63-2	1753.86	1780.89	1793.14	1775.96	1.13	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				111		%
Holmium	165-1				107		%
Indium	115-1				107		%
Indium	115-2				112		%
Iron	56-2	28.32	29.85	29.35	29.17	2.66	ppb
Iron	57-2	26.37	23.57	29.11	26.35	10.51	ppb
Lead	206-1	0.40	0.45	0.46	0.44	6.86	ppb
Lead	207-1	0.37	0.42	0.40	0.40	6.58	ppb
Lead	208-1	0.42	0.41	0.40	0.41	2.73	ppb
Lithium	6-1				110		%
Magnesium	24-2	1372.15	1384.43	1398.00	1384.86	0.93	ppb
Manganese	55-2	4.52	4.35	4.86	4.58	5.72	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	I1636-01	Instrumnet Name :	P7
Client Sample ID :	Q013BSCRC-3-33.1F-03	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:55:41	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.08	0.08	0.07	20.01	ppb
Molybdenum	95-1	0.11	0.12	0.15	0.13	17.80	ppb
Molybdenum	96-1	0.12	0.11	0.13	0.12	6.72	ppb
Molybdenum	97-1	0.07	0.14	0.17	0.12	40.01	ppb
Molybdenum	98-1	0.10	0.14	0.17	0.14	28.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.16	3.13	3.30	3.19	2.87	ppb
Phosphorus	31-2	362.02	374.82	331.71	356.18	6.22	ppb
Potassium	39-2	620.45	625.58	632.87	626.30	1.00	ppb
Rhodium	103-2				109		%
Rhodium	103-1				106		%
Scandium	45-1				110		%
Scandium	45-2				109		%
Selenium	77-2	1.02	1.02	1.01	1.01	0.56	ppb
Selenium	78-2	-0.85	1.37	0.99	0.50	235.92	ppb
Selenium	82-1	0.35	-0.36	0.26	0.08	479.47	ppb
Silicon	28-1	790.07	785.73	774.28	783.36	1.04	ppb
Silver	109-1	0.02	0.02	0.03	0.02	28.55	ppb
Silver	107-1	0.02	0.02	0.01	0.02	45.71	ppb
Sodium	23-2	8407.75	8470.49	8560.07	8479.44	0.90	ppb
Strontium	86-1	19.15	18.67	19.25	19.02	1.62	ppb
Strontium	88-1	19.28	19.18	19.01	19.15	0.72	ppb
Sulfur	34-1	-537.13	-289.50	-337.05	-387.89		ppb
Terbium	159-1				107		%
Terbium	159-2				111		%
Thallium	203-1	0.00	-0.01	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00	142.10	ppb
Tin	118-1	0.02	0.03	0.04	0.03	33.92	ppb
Titanium	47-1	0.24	0.26	0.19	0.23	14.29	ppb
Uranium	238-1	0.00	-0.01	0.00	0.00		ppb
Vanadium	51-2	0.03	0.02	0.03	0.03	31.86	ppb
Yttrium	89-2				111		%
Yttrium	89-1				108		%
Zinc	66-2	351.87	353.77	358.31	354.65	0.93	ppb
Zirconium	90-1	0.04	0.05	0.06	0.05	20.75	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	I1636-01	Instrumnet Name :	P7
Client Sample ID :	Q013BSCRC-3-33.1F-03	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:55:41	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.06	0.04	0.05	11.64	ppb

LB Number : LB85890 Operator : Jaswal
 Lab Sample ID : I1636-02 Instrumnet Name : P7
 Client Sample ID : Q013BSCL000041.1F-03 Dilution Factor : 1
 Date & Time Acquired :: 2017-02-16 16:59:15 DataFile Name : 024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.47	9.23	7.65	7.78	17.79	ppb
Antimony	121-1	0.17	0.18	0.21	0.19	9.42	ppb
Arsenic	75-2	0.25	0.16	0.17	0.20	24.92	ppb
Barium	135-1	14.75	15.18	14.94	14.95	1.43	ppb
Barium	137-1	14.49	14.53	14.70	14.57	0.76	ppb
Beryllium	9-1	0.02	-0.01	-0.01	0.00	555.43	ppb
Bismuth	209-1				109		%
Bismuth	209-2				110		%
Boron	10-1	10.80	11.88	12.05	11.57	5.84	ppb
Boron	11-1	12.65	12.71	11.64	12.34	4.88	ppb
Cadmium	106-1	0.97	1.74	-1.07	0.55	265.95	ppb
Cadmium	108-1	0.33	0.24	0.43	0.34	28.22	ppb
Cadmium	111-1	0.34	0.38	0.11	0.28	52.19	ppb
Calcium	43-1	6308.65	6253.54	6200.31	6254.17	0.87	ppb
Calcium	44-1	6375.99	6370.65	6447.95	6398.20	0.67	ppb
Chromium	52-2	-0.15	-0.17	-0.11	-0.14		ppb
Cobalt	59-2	0.17	0.18	0.19	0.18	5.64	ppb
Copper	63-2	1431.66	1516.74	1435.16	1461.19	3.29	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				109		%
Holmium	165-1				105		%
Indium	115-1				106		%
Indium	115-2				109		%
Iron	56-2	43.65	45.81	44.17	44.54	2.52	ppb
Iron	57-2	44.62	44.97	41.81	43.80	3.95	ppb
Lead	206-1	5.26	5.30	5.49	5.35	2.33	ppb
Lead	207-1	4.81	4.84	4.97	4.87	1.72	ppb
Lead	208-1	5.03	5.11	5.12	5.09	0.96	ppb
Lithium	6-1				108		%
Magnesium	24-2	1409.56	1484.75	1387.25	1427.19	3.58	ppb
Manganese	55-2	13.88	14.57	13.73	14.06	3.21	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	I1636-02	Instrumnet Name :	P7
Client Sample ID :	Q013BSCL000041.1F-03	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:59:15	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.11	0.14	0.13	0.12	11.56	ppb
Molybdenum	95-1	0.08	0.11	0.13	0.11	25.21	ppb
Molybdenum	96-1	0.09	0.10	0.12	0.10	13.43	ppb
Molybdenum	97-1	0.09	0.11	0.18	0.12	39.23	ppb
Molybdenum	98-1	0.07	0.10	0.14	0.10	31.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	101.62	110.05	104.02	105.23	4.12	ppb
Phosphorus	31-2	20.71	36.67	29.92	29.10	27.54	ppb
Potassium	39-2	633.10	685.57	648.86	655.84	4.11	ppb
Rhodium	103-2				107		%
Rhodium	103-1				105		%
Scandium	45-1				109		%
Scandium	45-2				107		%
Selenium	77-2	1.03	0.00	0.00	0.34	173.21	ppb
Selenium	78-2	1.24	1.26	0.37	0.96	53.02	ppb
Selenium	82-1	1.38	0.98	0.19	0.85	71.51	ppb
Silicon	28-1	685.76	689.56	690.99	688.77	0.39	ppb
Silver	109-1	0.00	0.02	0.02	0.01	64.85	ppb
Silver	107-1	0.02	0.02	0.02	0.02	22.59	ppb
Sodium	23-2	9102.22	9539.23	9070.37	9237.27	2.84	ppb
Strontium	86-1	18.64	18.88	18.30	18.61	1.56	ppb
Strontium	88-1	19.03	18.92	19.20	19.05	0.75	ppb
Sulfur	34-1	-524.61	-294.44	-353.47	-390.84		ppb
Terbium	159-1				105		%
Terbium	159-2				108		%
Thallium	203-1	0.01	0.01	0.00	0.01	44.18	ppb
Thallium	205-1	0.02	0.01	0.02	0.02	25.29	ppb
Tin	118-1	0.78	0.82	0.84	0.81	3.74	ppb
Titanium	47-1	0.06	0.04	0.04	0.05	20.93	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.02	0.02	0.01	48.81	ppb
Yttrium	89-2				108		%
Yttrium	89-1				106		%
Zinc	66-2	564.85	600.20	562.00	575.68	3.70	ppb
Zirconium	90-1	0.12	0.11	0.12	0.11	3.93	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	I1636-02	Instrumnet Name :	P7
Client Sample ID :	Q013BSCL000041.1F-03	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:59:15	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.14	0.09	0.18	0.13	35.80	ppb

LB Number : LB85890 Operator : Jaswal
 Lab Sample ID : I1636-03 Instrumnet Name : P7
 Client Sample ID : Q013BSGB00075B.1F-0: Dilution Factor : 1
 Date & Time Acquired :: 2017-02-16 17:02:49 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.70	8.83	13.94	10.49	28.47	ppb
Antimony	121-1	0.12	0.12	0.12	0.12	1.94	ppb
Arsenic	75-2	0.33	0.34	0.28	0.32	11.14	ppb
Barium	135-1	18.42	19.03	18.57	18.67	1.71	ppb
Barium	137-1	18.16	17.77	18.50	18.14	2.03	ppb
Beryllium	9-1	-0.01	-0.02	0.01	-0.01		ppb
Bismuth	209-1				108		%
Bismuth	209-2				110		%
Boron	10-1	11.29	10.76	11.53	11.19	3.52	ppb
Boron	11-1	11.41	11.91	11.55	11.62	2.23	ppb
Cadmium	106-1	-0.83	0.07	-0.33	-0.36		ppb
Cadmium	108-1	-0.13	0.05	0.01	-0.02		ppb
Cadmium	111-1	-0.06	0.00	-0.03	-0.03		ppb
Calcium	43-1	6316.21	6289.09	6238.42	6281.24	0.63	ppb
Calcium	44-1	6352.41	6402.19	6392.11	6382.24	0.41	ppb
Chromium	52-2	-0.23	-0.16	-0.17	-0.19		ppb
Cobalt	59-2	0.17	0.14	0.14	0.15	10.25	ppb
Copper	63-2	287.95	286.80	286.19	286.98	0.31	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				110		%
Holmium	165-1				106		%
Indium	115-1				107		%
Indium	115-2				111		%
Iron	56-2	38.13	31.76	32.34	34.08	10.33	ppb
Iron	57-2	34.11	32.17	34.60	33.63	3.81	ppb
Lead	206-1	0.30	0.33	0.37	0.33	11.65	ppb
Lead	207-1	0.35	0.28	0.29	0.31	11.47	ppb
Lead	208-1	0.33	0.31	0.32	0.32	3.62	ppb
Lithium	6-1				110		%
Magnesium	24-2	1500.62	1464.98	1447.32	1470.97	1.85	ppb
Manganese	55-2	14.52	14.34	14.60	14.49	0.94	ppb

LB Number : LB85890 Operator : Jaswal
 Lab Sample ID : I1636-03 Instrumnet Name : P7
 Client Sample ID : Q013BSGB00075B.1F-0: Dilution Factor : 1
 Date & Time Acquired :: 2017-02-16 17:02:49 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.12	0.08	0.11	0.10	16.40	ppb
Molybdenum	95-1	0.09	0.09	0.12	0.10	16.80	ppb
Molybdenum	96-1	0.07	0.10	0.14	0.10	31.32	ppb
Molybdenum	97-1	0.08	0.11	0.12	0.10	20.05	ppb
Molybdenum	98-1	0.10	0.09	0.15	0.11	27.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.32	1.34	1.28	1.31	2.39	ppb
Phosphorus	31-2	716.96	613.82	646.90	659.23	7.99	ppb
Potassium	39-2	632.62	613.71	632.85	626.39	1.75	ppb
Rhodium	103-2				108		%
Rhodium	103-1				105		%
Scandium	45-1				109		%
Scandium	45-2				108		%
Selenium	77-2	1.02	1.03	0.00	0.68	86.60	ppb
Selenium	78-2	0.87	1.91	-0.12	0.89	114.08	ppb
Selenium	82-1	-0.44	0.98	0.33	0.29	246.99	ppb
Silicon	28-1	856.59	860.87	863.35	860.27	0.40	ppb
Silver	109-1	0.00	0.01	0.02	0.01	51.65	ppb
Silver	107-1	0.01	0.01	0.00	0.01	88.07	ppb
Sodium	23-2	8934.46	8932.48	8809.84	8892.26	0.80	ppb
Strontium	86-1	19.05	19.52	18.99	19.19	1.51	ppb
Strontium	88-1	19.68	19.60	19.44	19.58	0.64	ppb
Sulfur	34-1	-318.37	-24.54	7.00	-111.97		ppb
Terbium	159-1				106		%
Terbium	159-2				110		%
Thallium	203-1	0.00	0.00	-0.01	0.00		ppb
Thallium	205-1	0.01	0.00	0.00	0.00	58.68	ppb
Tin	118-1	0.02	0.02	0.03	0.02	29.08	ppb
Titanium	47-1	0.45	0.41	0.50	0.45	9.64	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	68.64	ppb
Vanadium	51-2	0.04	0.04	0.04	0.04	8.06	ppb
Yttrium	89-2				110		%
Yttrium	89-1				107		%
Zinc	66-2	72.23	73.59	73.72	73.18	1.13	ppb
Zirconium	90-1	0.07	0.07	0.09	0.08	19.81	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	I1636-03	Instrumnet Name :	P7
Client Sample ID :	Q013BSGB00075B.1F-0:	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 17:02:49	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.11	0.07	0.11	0.09	24.33	ppb

LB Number : LB85890 Operator : Jaswal
 Lab Sample ID : I1636-04 Instrumnet Name : P7
 Client Sample ID : Q013BSGB000081.1F-04 Dilution Factor : 1
 Date & Time Acquired :: 2017-02-16 17:06:21 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.49	17.17	20.22	18.29	9.17	ppb
Antimony	121-1	0.10	0.07	0.09	0.09	21.26	ppb
Arsenic	75-2	0.37	0.22	0.35	0.31	25.67	ppb
Barium	135-1	18.07	18.48	18.09	18.21	1.26	ppb
Barium	137-1	17.97	17.74	17.91	17.87	0.67	ppb
Beryllium	9-1	-0.01	-0.02	0.01	-0.01		ppb
Bismuth	209-1				109		%
Bismuth	209-2				110		%
Boron	10-1	9.99	10.11	8.74	9.61	7.88	ppb
Boron	11-1	9.84	9.85	9.98	9.89	0.77	ppb
Cadmium	106-1	0.52	1.44	0.13	0.70	96.34	ppb
Cadmium	108-1	0.33	0.24	0.24	0.27	19.71	ppb
Cadmium	111-1	0.05	0.15	0.03	0.07	86.43	ppb
Calcium	43-1	6374.23	6345.70	6432.96	6384.30	0.70	ppb
Calcium	44-1	6468.88	6432.59	6476.40	6459.29	0.36	ppb
Chromium	52-2	-0.21	-0.20	-0.22	-0.21		ppb
Cobalt	59-2	0.18	0.17	0.18	0.17	2.40	ppb
Copper	63-2	381.69	382.46	383.94	382.70	0.30	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				111		%
Holmium	165-1				107		%
Indium	115-1				108		%
Indium	115-2				111		%
Iron	56-2	183.11	185.13	185.58	184.61	0.71	ppb
Iron	57-2	168.31	181.91	181.16	177.13	4.31	ppb
Lead	206-1	1.80	1.78	1.90	1.83	3.69	ppb
Lead	207-1	1.72	1.55	1.66	1.64	5.36	ppb
Lead	208-1	1.82	1.66	1.74	1.74	4.53	ppb
Lithium	6-1				110		%
Magnesium	24-2	1491.44	1529.78	1505.53	1508.92	1.29	ppb
Manganese	55-2	43.56	43.93	44.35	43.95	0.90	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	I1636-04	Instrumnet Name :	P7
Client Sample ID :	Q013BSGB000081.1F-04	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 17:06:21	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.07	0.05	0.04	0.06	23.09	ppb
Molybdenum	95-1	0.10	0.12	0.16	0.13	22.20	ppb
Molybdenum	96-1	0.11	0.09	0.12	0.11	14.12	ppb
Molybdenum	97-1	0.08	0.06	0.11	0.09	28.42	ppb
Molybdenum	98-1	0.09	0.10	0.10	0.10	8.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.86	26.57	26.40	26.61	0.86	ppb
Phosphorus	31-2	534.96	553.34	621.80	570.03	8.03	ppb
Potassium	39-2	653.66	650.77	644.44	649.62	0.73	ppb
Rhodium	103-2				109		%
Rhodium	103-1				106		%
Scandium	45-1				110		%
Scandium	45-2				109		%
Selenium	77-2	2.07	0.00	0.00	0.69	173.21	ppb
Selenium	78-2	0.39	1.73	0.52	0.88	84.38	ppb
Selenium	82-1	0.15	0.59	0.50	0.42	55.29	ppb
Silicon	28-1	882.11	888.59	913.27	894.66	1.84	ppb
Silver	109-1	0.01	0.01	0.02	0.01	36.90	ppb
Silver	107-1	0.01	0.01	0.01	0.01	41.72	ppb
Sodium	23-2	9124.41	9206.12	9147.00	9159.18	0.46	ppb
Strontium	86-1	19.28	19.43	18.87	19.19	1.49	ppb
Strontium	88-1	19.95	19.66	19.73	19.78	0.77	ppb
Sulfur	34-1	-255.98	-312.97	-223.49	-264.15		ppb
Terbium	159-1				106		%
Terbium	159-2				111		%
Thallium	203-1	0.01	0.00	0.01	0.01	56.07	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	13.95	ppb
Tin	118-1	0.03	0.05	0.07	0.05	39.67	ppb
Titanium	47-1	0.80	0.90	0.78	0.82	8.18	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	6.96	ppb
Vanadium	51-2	0.05	0.10	0.04	0.06	51.88	ppb
Yttrium	89-2				110		%
Yttrium	89-1				108		%
Zinc	66-2	812.35	818.20	823.53	818.03	0.68	ppb
Zirconium	90-1	0.04	0.05	0.06	0.05	16.90	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	I1636-04	Instrumnet Name :	P7
Client Sample ID :	Q013BSGB000081.1F-04	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 17:06:21	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.06	0.04	0.06	23.92	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	CCV097	Instrumnet Name :	P7
Client Sample ID :	CCV097	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 17:09:54	DataFile Name :	027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9781.70	9711.12	9851.13	9781.32	0.72	ppb
Antimony	121-1	489.83	489.54	485.63	488.33	0.48	ppb
Arsenic	75-2	494.65	500.78	489.12	494.85	1.18	ppb
Barium	135-1	2487.05	2479.59	2469.29	2478.64	0.36	ppb
Barium	137-1	2491.48	2474.95	2466.77	2477.73	0.51	ppb
Beryllium	9-1	500.10	502.28	503.15	501.84	0.31	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	10-1	482.06	480.64	499.96	487.55	2.21	ppb
Boron	11-1	481.50	488.08	501.74	490.44	2.11	ppb
Cadmium	106-1	491.60	500.49	494.83	495.64	0.91	ppb
Cadmium	108-1	503.76	501.48	507.24	504.16	0.58	ppb
Cadmium	111-1	503.71	505.50	503.98	504.40	0.19	ppb
Calcium	43-1	48746.44	49013.75	49003.04	48921.08	0.31	ppb
Calcium	44-1	48485.49	48812.87	49044.03	48780.79	0.58	ppb
Chromium	52-2	501.88	497.71	508.91	502.83	1.13	ppb
Cobalt	59-2	505.47	506.10	511.33	507.63	0.63	ppb
Copper	63-2	1019.65	1017.62	1036.02	1024.43	0.98	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				105		%
Holmium	165-1				98		%
Indium	115-1				96		%
Indium	115-2				103		%
Iron	56-2	24117.12	24237.64	24341.55	24232.10	0.46	ppb
Iron	57-2	24468.22	24340.38	24630.28	24479.63	0.59	ppb
Lead	206-1	492.94	493.91	495.08	493.98	0.22	ppb
Lead	207-1	495.67	494.20	497.06	495.64	0.29	ppb
Lead	208-1	491.94	493.18	492.56	492.56	0.13	ppb
Lithium	6-1				101		%
Magnesium	24-2	50005.13	49173.57	49811.86	49663.52	0.88	ppb
Manganese	55-2	1011.23	1002.28	1024.39	1012.63	1.10	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	CCV097	Instrumnet Name :	P7
Client Sample ID :	CCV097	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 17:09:54	DataFile Name :	027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	494.11	492.46	495.06	493.88	0.27	ppb
Molybdenum	95-1	497.99	497.12	496.86	497.32	0.12	ppb
Molybdenum	96-1	496.95	494.50	493.72	495.06	0.34	ppb
Molybdenum	97-1	492.66	492.13	491.51	492.10	0.12	ppb
Molybdenum	98-1	485.52	484.86	487.09	485.83	0.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	501.87	504.50	510.49	505.62	0.87	ppb
Phosphorus	31-2	10187.42	10161.55	10125.82	10158.27	0.30	ppb
Potassium	39-2	25002.11	24910.55	25368.43	25093.70	0.97	ppb
Rhodium	103-2				101		%
Rhodium	103-1				101		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	77-2	474.76	478.59	483.45	478.93	0.91	ppb
Selenium	78-2	504.28	507.35	513.80	508.47	0.96	ppb
Selenium	82-1	501.47	500.40	499.01	500.29	0.25	ppb
Silicon	28-1	590.22	600.61	605.13	598.65	1.28	ppb
Silver	109-1	500.79	500.50	496.89	499.40	0.44	ppb
Silver	107-1	495.14	501.27	495.78	497.39	0.68	ppb
Sodium	23-2	51014.46	50837.50	51025.64	50959.20	0.21	ppb
Strontium	86-1	497.74	500.17	500.85	499.58	0.33	ppb
Strontium	88-1	498.51	493.94	495.80	496.08	0.46	ppb
Sulfur	34-1	9649.18	9484.59	9537.82	9557.20	0.88	ppb
Terbium	159-1				98		%
Terbium	159-2				105		%
Thallium	203-1	497.93	492.72	493.62	494.75	0.56	ppb
Thallium	205-1	485.04	488.11	488.43	487.19	0.38	ppb
Tin	118-1	506.38	506.32	503.98	505.56	0.27	ppb
Titanium	47-1	496.30	497.76	497.87	497.31	0.18	ppb
Uranium	238-1	490.12	488.48	489.96	489.52	0.18	ppb
Vanadium	51-2	500.72	497.37	506.38	501.49	0.91	ppb
Yttrium	89-2				105		%
Yttrium	89-1				99		%
Zinc	66-2	1010.11	1002.47	1023.09	1011.89	1.03	ppb
Zirconium	90-1	492.82	496.34	493.08	494.08	0.40	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	CCV097	Instrumnet Name :	P7
Client Sample ID :	CCV097	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 17:09:54	DataFile Name :	027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	495.64	492.82	494.67	494.38	0.29	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	CCB097	Instrumnet Name :	P7
Client Sample ID :	CCB097	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 17:13:24	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.17	0.52	0.17	0.29	71.64	ppb
Antimony	121-1	2.27	2.36	2.65	2.43	8.27	ppb
Arsenic	75-2	0.64	0.61	0.72	0.66	8.68	ppb
Barium	135-1	0.17	0.15	0.14	0.16	9.00	ppb
Barium	137-1	0.10	0.12	0.11	0.11	8.78	ppb
Beryllium	9-1	0.11	0.03	0.05	0.06	64.77	ppb
Bismuth	209-1				103		%
Bismuth	209-2				106		%
Boron	10-1	11.15	10.73	8.83	10.24	12.09	ppb
Boron	11-1	10.24	9.61	9.73	9.86	3.40	ppb
Cadmium	106-1	1.26	0.16	1.55	0.99	74.19	ppb
Cadmium	108-1	-0.08	0.02	0.02	-0.01		ppb
Cadmium	111-1	0.12	0.02	0.12	0.09	69.70	ppb
Calcium	43-1	0.39	1.40	2.44	1.41	72.68	ppb
Calcium	44-1	4.36	2.66	2.69	3.24	29.99	ppb
Chromium	52-2	-0.16	-0.17	-0.15	-0.16		ppb
Cobalt	59-2	0.03	0.01	0.01	0.02	57.35	ppb
Copper	63-2	0.08	0.07	0.06	0.07	18.52	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				106		%
Holmium	165-1				98		%
Indium	115-1				99		%
Indium	115-2				106		%
Iron	56-2	3.39	3.15	3.13	3.22	4.44	ppb
Iron	57-2	3.23	4.61	2.01	3.28	39.68	ppb
Lead	206-1	0.15	0.13	0.10	0.13	18.21	ppb
Lead	207-1	0.15	0.13	0.16	0.15	9.01	ppb
Lead	208-1	0.13	0.11	0.12	0.12	8.66	ppb
Lithium	6-1				102		%
Magnesium	24-2	0.78	0.52	0.70	0.67	20.20	ppb
Manganese	55-2	0.08	0.05	0.04	0.06	35.04	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	CCB097	Instrumnet Name :	P7
Client Sample ID :	CCB097	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 17:13:24	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.41	0.44	0.54	0.46	14.58	ppb
Molybdenum	95-1	1.18	1.30	1.52	1.33	12.71	ppb
Molybdenum	96-1	0.85	0.99	1.14	1.00	14.60	ppb
Molybdenum	97-1	1.06	1.19	1.39	1.22	13.96	ppb
Molybdenum	98-1	0.93	1.04	1.40	1.12	21.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	-0.01	0.00		ppb
Phosphorus	31-2	-23.30	-32.69	-17.28	-24.42		ppb
Potassium	39-2	2.61	5.75	-0.10	2.75	106.45	ppb
Rhodium	103-2				104		%
Rhodium	103-1				100		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	77-2	1.08	1.07	0.00	0.72	86.61	ppb
Selenium	78-2	1.08	2.82	2.45	2.12	43.22	ppb
Selenium	82-1	0.93	0.26	0.76	0.65	53.62	ppb
Silicon	28-1	-0.17	-1.50	-0.91	-0.86		ppb
Silver	109-1	0.04	0.05	0.04	0.04	19.31	ppb
Silver	107-1	0.06	0.05	0.02	0.04	47.93	ppb
Sodium	23-2	15.75	17.39	14.97	16.04	7.72	ppb
Strontium	86-1	0.11	0.10	0.07	0.10	21.24	ppb
Strontium	88-1	0.02	0.01	0.01	0.01	52.44	ppb
Sulfur	34-1	-1230.22	-1067.57	-1029.44	-1109.08		ppb
Terbium	159-1				97		%
Terbium	159-2				105		%
Thallium	203-1	0.18	0.15	0.13	0.15	16.78	ppb
Thallium	205-1	0.17	0.15	0.14	0.15	9.21	ppb
Tin	118-1	0.51	0.59	0.67	0.59	13.21	ppb
Titanium	47-1	-0.06	0.04	0.00	0.00		ppb
Uranium	238-1	0.03	0.03	0.03	0.03	16.49	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	27.36	ppb
Yttrium	89-2				105		%
Yttrium	89-1				99		%
Zinc	66-2	0.09	0.13	0.17	0.13	32.75	ppb
Zirconium	90-1	0.07	0.07	0.08	0.07	11.15	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	CCB097	Instrumnet Name :	P7
Client Sample ID :	CCB097	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 17:13:24	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.11	0.13	0.11	21.50	ppb

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P7
Client Sample ID :	TUNE	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 15:18:02	DataFile Name :	001SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	17	25	22	21.64	cps
Antimony	121-1	0	25	25	17	86.60	cps
Arsenic	75-2	31	30	44	35	22.94	cps
Barium	135-1	258	200	192	217	16.77	cps
Barium	137-1	383	408	433	408	6.12	cps
Beryllium	9-1	167	156	94	139	28.00	cps
Bismuth	209-1	2727934	2727403	2711131	2722156	0.35	cps
Bismuth	209-2	1751178	1764390	1784498	1766689	0.95	cps
Boron	10-1	42	33	50	42	20.00	cps
Boron	11-1	200	233	250	228	11.18	cps
Cadmium	106-1	1567	1233	1200	1333	15.21	cps
Cadmium	108-1	21	8	4	11	78.05	cps
Cadmium	111-1	1178	1008	950	1045	11.36	cps
Calcium	43-1	208	217	217	214	2.25	cps
Calcium	44-1	8820	9504	8411	8911	6.19	cps
Chromium	52-2	577	603	593	591	2.28	cps
Cobalt	59-2	413	497	383	431	13.62	cps
Copper	63-2	327	257	307	297	12.15	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Dysprosium	156-1	33	67	25	42	52.92	cps
Erbium	164-1	8	25	33	22	57.29	cps
Erbium	164-2	13	10	3	9	57.30	cps
Gadolinium	160-2	10	7	3	7	50.03	cps
Gadolinium	160-1	17	17	25	19	24.73	cps
Holmium	165-2	2475356	2500668	2506212	2494079	0.66	cps
Holmium	165-1	4885382	4910689	4807720	4867930	1.10	cps
Indium	115-1	4162034	4209884	4225849	4199256	0.79	cps
Indium	115-2	727194	737620	744293	736369	1.17	cps
Iron	56-2	2439	2306	2700	2482	8.09	cps
Iron	57-2	61	83	83	76	16.90	cps
Lead	206-1	906	1083	922	970	10.12	cps
Lead	207-1	772	789	650	737	10.29	cps
Lead	208-1	3611	3889	3334	3611	7.69	cps
Lithium	6-1	245038	238846	244328	242738	1.40	cps
Magnesium	24-2	542	458	500	500	8.33	cps
Manganese	55-2	147	117	90	118	24.07	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P7
Client Sample ID :	TUNE	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 15:18:02	DataFile Name :	001SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	458	367	425	417	11.14	cps
Molybdenum	95-1	492	500	383	458	14.20	cps
Molybdenum	96-1	633	675	583	631	7.28	cps
Molybdenum	97-1	408	275	475	386	26.38	cps
Molybdenum	98-1	850	692	625	722	16.00	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	140	167	137	148	11.13	cps
Phosphorus	31-2	83	108	67	86	24.35	cps
Potassium	39-2	16743	16618	17778	17046	3.73	cps
Rhodium	103-2	1923851	1935294	1954819	1937988	0.81	cps
Rhodium	103-1	4092327	4127152	4099133	4106204	0.45	cps
Scandium	45-1	3351275	3350949	3348240	3350155	0.05	cps
Scandium	45-2	141955	142491	142292	142246	0.19	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	41	48	33	41	18.19	cps
Selenium	82-1	-14	32	-18	0	-413275.90	cps
Silicon	28-1	423731	419356	423118	422069	0.56	cps
Silver	109-1	33	17	17	22	43.28	cps
Silver	107-1	8	17	8	11	43.34	cps
Sodium	23-2	7460	7752	7235	7483	3.46	cps
Strontium	86-1	542	633	608	594	7.97	cps
Strontium	88-1	117	83	58	86	33.98	cps
Sulfur	34-1	333328	334628	334442	334133	0.21	cps
Terbium	159-1	5156205	5172006	5150425	5159545	0.22	cps
Terbium	159-2	2493822	2517790	2543414	2518342	0.98	cps
Thallium	203-1	242	342	325	303	17.70	cps
Thallium	205-1	900	858	817	858	4.85	cps
Tin	118-1	417	392	425	411	4.22	cps
Titanium	47-1	58	83	58	67	21.65	cps
Uranium	238-1	2642	2759	2575	2659	3.49	cps
Vanadium	51-2	130	100	123	118	13.38	cps
Yttrium	89-2	663205	670386	672172	668588	0.71	cps
Yttrium	89-1	5116139	5169753	5166975	5150956	0.59	cps
Zinc	66-2	73	73	77	74	2.59	cps
Zirconium	90-1	275	217	275	256	13.18	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P7
Client Sample ID :	TUNE	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 15:18:02	DataFile Name :	001SMPL.d

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

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 15:36:57	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	8	17	8	100.02	cps
Antimony	121-1	25	8	17	17	50.01	cps
Arsenic	75-2	11	2	9	7	66.16	cps
Barium	135-1	25	8	17	17	50.01	cps
Barium	137-1	17	8	58	28	96.44	cps
Beryllium	9-1	28	22	22	24	13.33	cps
Bismuth	209-1	2706110	2669080	2690676	2688622	0.69	cps
Bismuth	209-2	1710790	1737212	1741910	1729971	0.97	cps
Boron	10-1	33	42	58	44	28.64	cps
Boron	11-1	192	117	233	181	32.74	cps
Cadmium	106-1	1450	1642	1325	1472	10.83	cps
Cadmium	108-1	13	17	4	11	57.27	cps
Cadmium	111-1	1023	1154	937	1038	10.53	cps
Calcium	43-1	100	117	150	122	20.83	cps
Calcium	44-1	7419	7027	7194	7213	2.73	cps
Chromium	52-2	893	717	747	786	12.04	cps
Cobalt	59-2	73	93	63	77	19.93	cps
Copper	63-2	167	183	200	183	9.09	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Erbium	164-1	8	0	25	11	114.58	cps
Erbium	164-2	10	3	7	7	50.03	cps
Gadolinium	160-2	3	10	10	8	49.52	cps
Gadolinium	160-1	25	25	42	31	31.50	cps
Holmium	165-1	4421760	4265540	4337863	4341721	1.80	cps
Holmium	165-2	2414771	2431545	2444797	2430371	0.62	cps
Indium	115-2	716265	718956	721589	718936	0.37	cps
Indium	115-1	3768556	3678393	3746784	3731244	1.26	cps
Iron	56-2	2539	2600	2417	2519	3.71	cps
Iron	57-2	39	50	39	43	15.06	cps
Lead	206-1	300	250	278	276	9.08	cps
Lead	207-1	228	228	228	228	0.00	cps
Lead	208-1	1067	1039	1156	1087	5.61	cps
Lithium	6-1	242792	238638	245300	242243	1.39	cps
Magnesium	24-2	108	192	125	142	31.13	cps
Manganese	55-2	40	30	43	38	18.36	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 15:36:57	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	100	92	100	97	4.95	cps
Molybdenum	95-1	50	25	50	42	34.64	cps
Molybdenum	96-1	67	58	108	78	34.44	cps
Molybdenum	97-1	42	33	50	42	20.00	cps
Molybdenum	98-1	83	83	92	86	5.58	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	27	27	33	29	13.31	cps
Phosphorus	31-2	100	108	108	106	4.56	cps
Potassium	39-2	17061	16151	16410	16540	2.83	cps
Rhodium	103-2	1876633	1886915	1894049	1885866	0.46	cps
Rhodium	103-1	3762235	3748097	3759540	3756624	0.20	cps
Scandium	45-1	3265997	3225316	3270561	3253958	0.77	cps
Scandium	45-2	138554	139112	139846	139171	0.47	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	15	24	46	28	57.00	cps
Selenium	82-1	-69	20	22	-9	-600.16	cps
Silicon	28-1	423564	421440	423966	422990	0.32	cps
Silver	109-1	33	0	33	22	86.60	cps
Silver	107-1	50	33	50	44	21.66	cps
Sodium	23-2	6602	6435	6243	6427	2.79	cps
Strontium	86-1	483	558	517	519	7.23	cps
Strontium	88-1	92	83	150	108	33.53	cps
Sulfur	34-1	334578	330713	333428	332906	0.60	cps
Terbium	159-1	4646885	4566103	4641485	4618158	0.98	cps
Terbium	159-2	2454970	2468534	2469606	2464370	0.33	cps
Thallium	203-1	50	50	33	44	21.66	cps
Thallium	205-1	92	67	33	64	45.81	cps
Tin	118-1	158	167	225	183	19.81	cps
Titanium	47-1	92	117	150	119	24.50	cps
Uranium	238-1	125	100	108	111	11.46	cps
Vanadium	51-2	3	13	7	8	65.47	cps
Yttrium	89-2	648944	651972	652721	651212	0.31	cps
Yttrium	89-1	4671033	4623518	4688162	4660904	0.72	cps
Zinc	66-2	53	43	60	52	16.07	cps
Zirconium	90-1	350	258	233	281	21.89	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 15:36:57	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	50	25	42	39	32.73	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 15:44:47	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	967	900	975	947	4.34	cps
Antimony	121-1	8878	8736	8495	8703	2.23	cps
Arsenic	75-2	157	165	178	167	6.19	cps
Barium	135-1	11188	10529	10963	10894	3.07	cps
Barium	137-1	18321	18797	18546	18555	1.28	cps
Beryllium	9-1	572	622	656	617	6.80	cps
Bismuth	209-2	1741450	1782700	1782933	1769028	1.35	cps
Bismuth	209-1	2765746	2744640	2747773	2752720	0.41	cps
Boron	10-1	2917	2992	3084	2998	2.79	cps
Boron	11-1	15133	16142	14733	15336	4.74	cps
Cadmium	106-1	1533	1617	1700	1617	5.16	cps
Cadmium	108-1	88	83	79	83	5.00	cps
Cadmium	111-1	2158	2040	2264	2154	5.20	cps
Calcium	43-1	8419	8211	8711	8447	2.98	cps
Calcium	44-1	142438	141428	143430	142432	0.70	cps
Chromium	52-2	3964	4237	4211	4137	3.64	cps
Cobalt	59-2	2644	2937	2530	2704	7.76	cps
Copper	63-2	4011	3671	3961	3881	4.73	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Dysprosium	156-1	17	25	17	19	24.73	cps
Erbium	164-1	17	33	17	22	43.28	cps
Erbium	164-2	7	7	13	9	43.25	cps
Gadolinium	160-2	10	17	10	12	31.50	cps
Gadolinium	160-1	17	17	42	25	57.73	cps
Holmium	165-1	4356786	4344676	4385514	4362325	0.48	cps
Holmium	165-2	2443684	2494319	2491015	2476339	1.14	cps
Indium	115-2	722544	733215	735609	730456	0.95	cps
Indium	115-1	3728336	3771813	3777808	3759319	0.72	cps
Iron	56-2	65870	66500	67114	66495	0.94	cps
Iron	57-2	1428	1661	1617	1569	7.90	cps
Lead	206-1	3501	3089	3195	3262	6.55	cps
Lead	207-1	2811	3006	3128	2982	5.36	cps
Lead	208-1	13036	12897	13325	13086	1.67	cps
Lithium	6-1	248352	247967	250685	249002	0.59	cps
Magnesium	24-2	60649	61971	61292	61304	1.08	cps
Manganese	55-2	897	893	913	901	1.19	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 15:44:47	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	9087	9495	9203	9262	2.27	cps
Molybdenum	95-1	12122	11530	11939	11864	2.55	cps
Molybdenum	96-1	13015	12865	13540	13140	2.70	cps
Molybdenum	97-1	7636	7035	7527	7399	4.32	cps
Molybdenum	98-1	19739	19072	19280	19364	1.76	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	757	833	717	769	7.71	cps
Phosphorus	31-2	133	158	142	144	8.81	cps
Potassium	39-2	68710	70954	71255	70306	1.98	cps
Rhodium	103-2	1899639	1937154	1926304	1921032	1.00	cps
Rhodium	103-1	3762073	3748562	3776308	3762314	0.37	cps
Scandium	45-1	3314920	3323247	3321343	3319837	0.13	cps
Scandium	45-2	138901	141585	143076	141187	1.50	cps
Selenium	77-2	3	17	3	8	99.04	cps
Selenium	78-2	87	91	67	81	15.91	cps
Selenium	82-1	330	345	351	342	3.22	cps
Silicon	28-1	447011	442705	442422	444046	0.58	cps
Silver	109-1	5068	5068	5185	5107	1.32	cps
Silver	107-1	5618	5176	5618	5471	4.66	cps
Sodium	23-2	123446	126051	126882	125460	1.43	cps
Strontium	86-1	2167	2142	2234	2181	2.17	cps
Strontium	88-1	14708	14600	14041	14449	2.48	cps
Sulfur	34-1	332971	334144	335014	334043	0.31	cps
Terbium	159-1	4584547	4592953	4673691	4617064	1.07	cps
Terbium	159-2	2488825	2512547	2515639	2505670	0.59	cps
Thallium	205-1	8686	8186	8603	8492	3.16	cps
Thallium	203-1	3884	3767	3426	3692	6.45	cps
Tin	118-1	17695	18096	17620	17804	1.44	cps
Titanium	47-1	4376	3942	3884	4067	6.61	cps
Uranium	238-1	13775	13499	13433	13569	1.34	cps
Vanadium	51-2	6958	7175	6945	7026	1.84	cps
Yttrium	89-2	654087	664800	664216	661034	0.91	cps
Yttrium	89-1	4680247	4670723	4712749	4687906	0.47	cps
Zinc	66-2	467	570	490	509	10.65	cps
Zirconium	90-1	7135	6402	6694	6744	5.48	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 15:44:47	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1508	1442	1492	1481	2.34	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 15:48:40	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	47158	46883	48011	47351	1.24	cps
Antimony	121-1	191101	189520	186761	189127	1.16	cps
Arsenic	75-2	8743	8895	8786	8808	0.89	cps
Barium	135-1	283085	284377	282679	283380	0.31	cps
Barium	137-1	487804	483467	486846	486039	0.47	cps
Beryllium	9-1	32664	32446	32029	32379	1.00	cps
Bismuth	209-1	2766266	2741552	2746691	2751503	0.47	cps
Bismuth	209-2	1765839	1786403	1787130	1779791	0.68	cps
Boron	10-1	5418	5626	5368	5471	2.51	cps
Boron	11-1	29104	28453	28795	28784	1.13	cps
Cadmium	106-1	7811	7661	7944	7805	1.82	cps
Cadmium	108-1	4230	4534	4297	4354	3.67	cps
Cadmium	111-1	57241	56798	57217	57086	0.44	cps
Calcium	43-1	86485	84775	87517	86259	1.61	cps
Calcium	44-1	1394887	1376659	1383486	1385011	0.66	cps
Chromium	52-2	86975	89415	88909	88433	1.46	cps
Cobalt	59-2	134308	136736	137722	136255	1.29	cps
Copper	63-2	185639	186823	190363	187608	1.31	cps
Dysprosium	156-1	8	8	25	14	69.31	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-2	13	7	0	7	99.98	cps
Erbium	164-1	25	17	25	22	21.64	cps
Gadolinium	160-1	25	25	33	28	17.31	cps
Gadolinium	160-2	17	3	10	10	66.70	cps
Holmium	165-2	2475395	2514435	2515102	2501644	0.91	cps
Holmium	165-1	4324924	4341523	4336124	4334190	0.20	cps
Indium	115-1	3716108	3710000	3703517	3709875	0.17	cps
Indium	115-2	723188	743004	738262	734818	1.41	cps
Iron	56-2	3183616	3189530	3227727	3200291	0.75	cps
Iron	57-2	82498	81263	82620	82127	0.91	cps
Lead	206-1	152852	150126	150535	151171	0.97	cps
Lead	207-1	137934	137200	135959	137031	0.73	cps
Lead	208-1	619184	613331	609739	614084	0.78	cps
Lithium	6-1	249785	244355	250949	248363	1.42	cps
Magnesium	24-2	616336	619413	622042	619264	0.46	cps
Manganese	55-2	85721	87679	86841	86747	1.13	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 15:48:40	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	237002	231030	235542	234525	1.33	cps
Molybdenum	95-1	124827	127036	123934	125266	1.27	cps
Molybdenum	96-1	161383	160796	160981	161054	0.19	cps
Molybdenum	97-1	77963	77075	76765	77267	0.80	cps
Molybdenum	98-1	199978	195937	198034	197983	1.02	cps
Neodymium	150-1	13	40	40	31	49.50	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	35560	35684	35690	35645	0.21	cps
Phosphorus	31-2	2709	2875	2992	2859	4.98	cps
Potassium	39-2	293990	297546	297639	296392	0.70	cps
Rhodium	103-2	1907391	1924953	1940214	1924186	0.85	cps
Rhodium	103-1	3641452	3687738	3703254	3677481	0.87	cps
Scandium	45-1	3354963	3313043	3307809	3325272	0.78	cps
Scandium	45-2	141643	142201	141188	141677	0.36	cps
Selenium	77-2	170	167	177	171	2.98	cps
Selenium	78-2	491	578	524	531	8.27	cps
Selenium	82-1	4036	3869	3875	3927	2.42	cps
Silicon	28-1	613954	609298	614933	612728	0.49	cps
Silver	107-1	275399	277516	275974	276297	0.40	cps
Silver	109-1	272059	266205	264013	267426	1.56	cps
Sodium	23-2	1231879	1226945	1233507	1230777	0.28	cps
Strontium	86-1	95147	93939	94090	94392	0.70	cps
Strontium	88-1	792839	787349	789065	789751	0.36	cps
Sulfur	34-1	362823	362437	361748	362336	0.15	cps
Terbium	159-1	4640368	4547485	4630020	4605958	1.11	cps
Terbium	159-2	2523318	2554674	2542745	2540246	0.62	cps
Thallium	203-1	183285	183337	185187	183937	0.59	cps
Thallium	205-1	434482	427742	434755	432326	0.92	cps
Tin	118-1	184739	184155	182080	183658	0.76	cps
Titanium	47-1	42847	42320	42746	42638	0.66	cps
Uranium	238-1	673365	664546	657337	665083	1.21	cps
Vanadium	51-2	71566	72571	73515	72551	1.34	cps
Yttrium	89-2	661060	668085	665579	664908	0.54	cps
Yttrium	89-1	4621341	4626168	4628673	4625394	0.08	cps
Zinc	66-2	23048	23366	23185	23200	0.69	cps
Zirconium	90-1	455264	450881	452591	452912	0.49	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 15:48:40	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	102072	100811	101063	101315	0.66	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 15:52:33	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117619	117710	119205	118178	0.75	cps
Antimony	121-1	556302	545823	542845	548324	1.29	cps
Arsenic	75-2	22332	22210	22404	22315	0.44	cps
Barium	135-1	714740	700466	709851	708353	1.02	cps
Barium	137-1	1220775	1214883	1224753	1220137	0.41	cps
Beryllium	9-1	80842	80150	80915	80635	0.52	cps
Bismuth	209-1	2772500	2768669	2776477	2772549	0.14	cps
Bismuth	209-2	1768133	1788852	1788105	1781697	0.66	cps
Boron	10-1	13540	13315	13915	13590	2.23	cps
Boron	11-1	70975	73052	73093	72374	1.67	cps
Cadmium	111-1	142368	142923	142233	142508	0.26	cps
Cadmium	106-1	17278	17286	16944	17169	1.14	cps
Cadmium	108-1	10200	10562	10846	10536	3.07	cps
Calcium	43-1	218171	216293	216283	216915	0.50	cps
Calcium	44-1	3425648	3421536	3432745	3426643	0.17	cps
Chromium	52-2	216888	221231	221900	220006	1.24	cps
Cobalt	59-2	336434	338768	344737	339980	1.26	cps
Copper	63-2	461964	468278	469115	466452	0.84	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Dysprosium	156-1	17	42	17	25	57.73	cps
Erbium	164-1	0	17	17	11	86.60	cps
Erbium	164-2	0	17	10	9	94.38	cps
Gadolinium	160-2	7	17	7	10	57.72	cps
Gadolinium	160-1	17	58	8	28	96.44	cps
Holmium	165-2	2512859	2538334	2533331	2528175	0.53	cps
Holmium	165-1	4336598	4328262	4351592	4338817	0.27	cps
Indium	115-1	3669270	3665889	3694986	3676715	0.43	cps
Indium	115-2	730880	747931	744552	741121	1.22	cps
Iron	56-2	7776513	7745679	7818249	7780147	0.47	cps
Iron	57-2	206049	207102	206835	206662	0.26	cps
Lead	206-1	378131	377262	379517	378303	0.30	cps
Lead	207-1	346823	342164	349831	346273	1.12	cps
Lead	208-1	1536701	1529863	1549337	1538634	0.64	cps
Lithium	6-1	247054	245326	248287	246889	0.60	cps
Magnesium	24-2	1546700	1554331	1567262	1556097	0.67	cps
Manganese	55-2	217514	219072	220047	218878	0.58	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 15:52:33	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	604372	604709	600988	603357	0.34	cps
Molybdenum	95-1	321110	319883	315310	318768	0.96	cps
Molybdenum	96-1	411945	410133	409470	410516	0.31	cps
Molybdenum	97-1	199128	196553	196798	197493	0.72	cps
Molybdenum	98-1	511741	508303	505660	508568	0.60	cps
Neodymium	150-1	60	33	53	49	28.39	cps
Neodymium	150-2	7	3	10	7	50.03	cps
Nickel	60-2	87687	89176	91057	89307	1.89	cps
Phosphorus	31-2	6510	6418	6418	6449	0.82	cps
Potassium	39-2	711268	718667	723378	717771	0.85	cps
Rhodium	103-1	3848390	3841159	3659803	3783117	2.82	cps
Rhodium	103-2	1907935	1931620	1947985	1929180	1.04	cps
Scandium	45-2	142787	141606	143318	142570	0.61	cps
Scandium	45-1	3336331	3338818	3342854	3339334	0.10	cps
Selenium	82-1	9834	9888	9644	9788	1.31	cps
Selenium	77-2	397	397	413	402	2.39	cps
Selenium	78-2	1376	1313	1374	1354	2.65	cps
Silicon	28-1	899362	908197	908477	905345	0.57	cps
Silver	109-1	660265	661986	658359	660203	0.27	cps
Silver	107-1	693255	695285	701166	696568	0.59	cps
Sodium	23-2	3035024	3080984	3081830	3065946	0.87	cps
Strontium	86-1	231848	231958	231696	231834	0.06	cps
Strontium	88-1	1957221	1964754	1964485	1962153	0.22	cps
Sulfur	34-1	391072	387594	385405	388024	0.74	cps
Terbium	159-1	4547653	4592798	4590138	4576863	0.55	cps
Terbium	159-2	2544139	2556213	2559725	2553359	0.32	cps
Thallium	203-1	457777	458696	464285	460253	0.77	cps
Thallium	205-1	1096223	1086756	1093467	1092149	0.45	cps
Tin	118-1	464988	462403	464098	463829	0.28	cps
Titanium	47-1	107858	106029	106473	106786	0.89	cps
Uranium	238-1	1672913	1663838	1676106	1670953	0.38	cps
Vanadium	51-2	182575	184055	184683	183771	0.59	cps
Yttrium	89-1	4604859	4623903	4669025	4632596	0.71	cps
Yttrium	89-2	666037	672662	671573	670090	0.53	cps
Zinc	66-2	57844	58918	58149	58304	0.95	cps
Zirconium	90-1	1146951	1152270	1162502	1153907	0.68	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 15:52:33	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	259699	262258	258484	260147	0.74	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 15:56:24	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	235409	234687	234445	234847	0.21	cps
Antimony	121-1	1147462	1139913	1137003	1141459	0.47	cps
Arsenic	75-2	44126	44546	44583	44418	0.57	cps
Barium	135-1	1417493	1419367	1417881	1418247	0.07	cps
Barium	137-1	2409518	2422197	2437133	2422949	0.57	cps
Beryllium	9-1	162190	162459	162320	162323	0.08	cps
Bismuth	209-1	2787384	2785789	2809659	2794277	0.48	cps
Bismuth	209-2	1770964	1782626	1786795	1780128	0.46	cps
Boron	10-1	26466	27267	27125	26953	1.59	cps
Boron	11-1	143929	145528	144568	144675	0.56	cps
Cadmium	106-1	32972	34008	32981	33321	1.79	cps
Cadmium	108-1	21183	21049	21550	21261	1.22	cps
Cadmium	111-1	283443	283129	287622	284731	0.88	cps
Calcium	43-1	435889	434160	434774	434941	0.20	cps
Calcium	44-1	6814856	6750590	6854481	6806642	0.77	cps
Chromium	52-2	432873	437366	433557	434599	0.56	cps
Cobalt	59-2	668585	682877	677654	676372	1.07	cps
Copper	63-2	916694	924888	929756	923780	0.71	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Erbium	164-1	42	17	17	25	57.73	cps
Erbium	164-2	7	10	7	8	24.71	cps
Gadolinium	160-2	10	23	13	16	44.60	cps
Gadolinium	160-1	25	33	42	33	25.01	cps
Holmium	165-2	2523879	2556848	2542310	2541012	0.65	cps
Holmium	165-1	4322397	4272177	4308888	4301154	0.60	cps
Indium	115-1	3675130	3626169	3663847	3655049	0.70	cps
Indium	115-2	730031	733159	740170	734453	0.71	cps
Iron	56-2	15238893	15313037	15327644	15293191	0.31	cps
Iron	57-2	403809	407185	408706	406567	0.62	cps
Lead	206-1	759284	760894	760435	760204	0.11	cps
Lead	207-1	687048	690113	692079	689746	0.37	cps
Lead	208-1	3063834	3061881	3079878	3068531	0.32	cps
Lithium	6-1	248731	246942	250251	248642	0.67	cps
Magnesium	24-2	3016060	3024578	3025943	3022194	0.18	cps
Manganese	55-2	427719	434942	435443	432701	1.00	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 15:56:24	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1202113	1198828	1219139	1206693	0.90	cps
Molybdenum	95-1	646706	641782	644683	644390	0.38	cps
Molybdenum	96-1	833808	819823	829735	827788	0.87	cps
Molybdenum	97-1	403822	400730	405552	403368	0.61	cps
Molybdenum	98-1	1022165	1023357	1032705	1026076	0.56	cps
Neodymium	150-1	47	87	67	67	30.00	cps
Neodymium	150-2	3	17	13	11	62.48	cps
Nickel	60-2	175085	180364	179477	178308	1.59	cps
Phosphorus	31-2	13181	12856	12964	13001	1.27	cps
Potassium	39-2	1396696	1410357	1405914	1404322	0.50	cps
Rhodium	103-2	1900936	1919106	1909741	1909928	0.48	cps
Rhodium	103-1	3836873	3842184	3888251	3855769	0.73	cps
Scandium	45-1	3361650	3340769	3330326	3344248	0.48	cps
Scandium	45-2	140078	142074	142827	141660	1.00	cps
Selenium	77-2	623	857	660	713	17.59	cps
Selenium	78-2	2598	2545	2515	2553	1.66	cps
Selenium	82-1	19768	19756	19803	19776	0.12	cps
Silicon	28-1	1380801	1390151	1395862	1388938	0.55	cps
Silver	109-1	1305417	1310789	1323432	1313213	0.70	cps
Silver	107-1	1384318	1378941	1390530	1384596	0.42	cps
Sodium	23-2	5891771	5962043	5963533	5939116	0.69	cps
Strontium	86-1	464848	465765	469126	466580	0.48	cps
Strontium	88-1	3918719	3842283	3886923	3882642	0.99	cps
Sulfur	34-1	452857	451408	453535	452600	0.24	cps
Terbium	159-1	4612476	4593465	4581475	4595805	0.34	cps
Terbium	159-2	2562449	2581026	2581571	2575015	0.42	cps
Thallium	203-1	919961	918309	922903	920391	0.25	cps
Thallium	205-1	2177627	2178572	2170149	2175450	0.21	cps
Tin	118-1	934141	927085	932580	931269	0.40	cps
Titanium	47-1	209834	214151	215153	213046	1.33	cps
Uranium	238-1	3301385	3308961	3325549	3311965	0.37	cps
Vanadium	51-2	364975	368622	364885	366161	0.58	cps
Yttrium	89-2	668085	674030	673377	671831	0.49	cps
Yttrium	89-1	4602737	4572429	4651808	4608991	0.87	cps
Zinc	66-2	113940	116536	116121	115532	1.21	cps
Zirconium	90-1	2300670	2298690	2318140	2305833	0.46	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 15:56:24	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	521050	523838	527923	524270	0.66	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:00:11	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	470822	467087	475901	471270	0.94	cps
Antimony	121-1	2322523	2317591	2302949	2314354	0.44	cps
Arsenic	75-2	89283	90946	90350	90193	0.93	cps
Barium	135-1	2814746	2827326	2810453	2817508	0.31	cps
Barium	137-1	4882707	4902914	4853192	4879604	0.51	cps
Beryllium	9-1	324077	325558	326470	325369	0.37	cps
Bismuth	209-1	2766127	2791762	2794633	2784174	0.56	cps
Bismuth	209-2	1771421	1791696	1794676	1785931	0.71	cps
Boron	10-1	53796	54758	54516	54357	0.92	cps
Boron	11-1	292538	295045	300880	296154	1.45	cps
Cadmium	106-1	65418	66900	65611	65976	1.22	cps
Cadmium	108-1	42564	42710	42698	42657	0.19	cps
Cadmium	111-1	566351	568912	565340	566868	0.32	cps
Calcium	43-1	868748	884702	879805	877751	0.93	cps
Calcium	44-1	13600688	13766895	13507985	13625189	0.96	cps
Chromium	52-2	862852	875218	874092	870721	0.79	cps
Cobalt	59-2	1338268	1341121	1350235	1343208	0.47	cps
Copper	63-2	1795254	1827531	1826807	1816531	1.01	cps
Dysprosium	156-2	10	7	7	8	24.71	cps
Dysprosium	156-1	25	17	50	31	56.77	cps
Erbium	164-1	25	8	17	17	50.01	cps
Erbium	164-2	20	17	10	16	32.73	cps
Gadolinium	160-2	7	13	13	11	34.61	cps
Gadolinium	160-1	25	25	75	42	69.28	cps
Holmium	165-2	2570604	2595545	2587942	2584697	0.49	cps
Holmium	165-1	4348567	4352867	4351166	4350867	0.05	cps
Indium	115-1	3674491	3636576	3642097	3651055	0.56	cps
Indium	115-2	736430	740416	748030	741625	0.79	cps
Iron	56-2	30519057	30815619	30622960	30652545	0.49	cps
Iron	57-2	804379	822794	814568	813914	1.13	cps
Lead	206-1	1483137	1499903	1489743	1490928	0.57	cps
Lead	207-1	1371172	1372041	1369549	1370921	0.09	cps
Lead	208-1	6023553	6052778	6026137	6034156	0.27	cps
Lithium	6-1	250267	255696	255231	253731	1.19	cps
Magnesium	24-2	6134947	6125843	6185267	6148685	0.52	cps
Manganese	55-2	859653	867567	871520	866247	0.70	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:00:11	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2401175	2425768	2419558	2415500	0.53	cps
Molybdenum	95-1	1292780	1295647	1287947	1292125	0.30	cps
Molybdenum	96-1	1655748	1658905	1651681	1655445	0.22	cps
Molybdenum	97-1	804151	814762	807002	808639	0.68	cps
Molybdenum	98-1	2046041	2048934	2055512	2050162	0.24	cps
Neodymium	150-1	127	140	167	144	14.10	cps
Neodymium	150-2	17	13	10	13	25.01	cps
Nickel	60-2	350283	353526	356545	353451	0.89	cps
Phosphorus	31-2	27292	26499	26649	26814	1.57	cps
Potassium	39-2	2778212	2813267	2798906	2796795	0.63	cps
Rhodium	103-2	1913260	1917862	1940218	1923780	0.75	cps
Rhodium	103-1	3839239	3855470	3618870	3771193	3.50	cps
Scandium	45-1	3343158	3441892	3373654	3386235	1.49	cps
Scandium	45-2	145216	146697	145785	145900	0.51	cps
Selenium	77-2	1403	1550	1613	1522	7.08	cps
Selenium	78-2	4982	5342	5257	5194	3.62	cps
Selenium	82-1	39681	39992	40044	39906	0.49	cps
Silicon	28-1	2352768	2359444	2369090	2360434	0.35	cps
Silver	109-1	2567423	2596857	2573459	2579246	0.60	cps
Silver	107-1	2718938	2721203	2711641	2717261	0.18	cps
Sodium	23-2	11982889	12070094	12019579	12024187	0.36	cps
Strontium	86-1	938988	937308	939289	938528	0.11	cps
Strontium	88-1	7893983	7818811	7870932	7861242	0.49	cps
Sulfur	34-1	600332	607901	599761	602664	0.75	cps
Terbium	159-1	4598383	4613921	4622974	4611759	0.27	cps
Terbium	159-2	2592191	2622365	2627086	2613881	0.72	cps
Thallium	203-1	1828301	1836194	1827016	1830503	0.27	cps
Thallium	205-1	4251201	4237369	4232903	4240491	0.22	cps
Tin	118-1	1857895	1858540	1852837	1856424	0.17	cps
Titanium	47-1	433178	436670	430718	433522	0.69	cps
Uranium	238-1	6673120	6696777	6687194	6685697	0.18	cps
Vanadium	51-2	733990	740079	738239	737436	0.42	cps
Yttrium	89-2	680228	683571	683182	682327	0.27	cps
Yttrium	89-1	4680986	4686495	4642400	4669960	0.51	cps
Zinc	66-2	230415	232074	231447	231312	0.36	cps
Zirconium	90-1	4699417	4721014	4704280	4708237	0.24	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:00:11	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1045725	1063272	1053982	1054326	0.83	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:03:55	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	923261	940941	929870	931357	0.96	cps
Antimony	121-1	4681791	4654709	4659467	4665322	0.31	cps
Arsenic	75-2	174511	178806	176733	176684	1.22	cps
Barium	135-1	5515103	5609366	5569558	5564676	0.85	cps
Barium	137-1	9719582	9633370	9676718	9676557	0.45	cps
Beryllium	9-1	628503	630470	636499	631824	0.66	cps
Bismuth	209-1	2695927	2714047	2706631	2705535	0.34	cps
Bismuth	209-2	1722939	1755629	1759885	1746151	1.16	cps
Boron	10-1	105920	106196	108797	106971	1.48	cps
Boron	11-1	571957	580142	581190	577763	0.87	cps
Cadmium	106-1	125678	125820	126594	126031	0.39	cps
Cadmium	108-1	81415	82434	82828	82226	0.89	cps
Cadmium	111-1	1089833	1103106	1094982	1095974	0.61	cps
Calcium	43-1	1721812	1729279	1724354	1725148	0.22	cps
Calcium	44-1	27050106	26929984	26749143	26909744	0.56	cps
Chromium	52-2	1682479	1714954	1703594	1700342	0.97	cps
Cobalt	59-2	2548455	2595030	2582358	2575281	0.94	cps
Copper	63-2	3428326	3462579	3456771	3449225	0.53	cps
Dysprosium	156-2	10	17	7	11	45.82	cps
Dysprosium	156-1	42	92	117	83	45.82	cps
Erbium	164-1	33	25	50	36	35.25	cps
Erbium	164-2	27	13	10	17	52.93	cps
Gadolinium	160-2	20	7	13	13	49.99	cps
Gadolinium	160-1	58	25	67	50	44.10	cps
Holmium	165-2	2529897	2572372	2574763	2559011	0.99	cps
Holmium	165-1	4276292	4349026	4289118	4304812	0.90	cps
Indium	115-1	3539829	3551577	3546167	3545857	0.17	cps
Indium	115-2	713758	730574	723984	722772	1.17	cps
Iron	56-2	60042978	60387682	59562378	59997679	0.69	cps
Iron	57-2	1566397	1594910	1585815	1582374	0.92	cps
Lead	206-1	2848824	2876157	2868102	2864361	0.49	cps
Lead	207-1	2614524	2651716	2631497	2632579	0.71	cps
Lead	208-1	11627938	11736817	11669486	11678080	0.47	cps
Lithium	6-1	246041	250203	248717	248320	0.85	cps
Magnesium	24-2	11998886	11923895	11974307	11965696	0.32	cps
Manganese	55-2	1670612	1707205	1688437	1688751	1.08	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:03:55	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4750554	4796762	4765353	4770890	0.49	cps
Molybdenum	95-1	2517911	2531549	2514572	2521344	0.36	cps
Molybdenum	96-1	3232462	3273814	3217595	3241290	0.90	cps
Molybdenum	97-1	1603012	1605595	1591228	1599945	0.48	cps
Molybdenum	98-1	4144138	4130286	4062337	4112254	1.06	cps
Neodymium	150-1	300	253	267	273	8.79	cps
Neodymium	150-2	20	20	13	18	21.66	cps
Nickel	60-2	681946	683660	687190	684265	0.39	cps
Phosphorus	31-2	52769	53622	52819	53070	0.90	cps
Potassium	39-2	5479199	5468820	5501495	5483172	0.30	cps
Rhodium	103-2	1848425	1882298	1871737	1867486	0.93	cps
Rhodium	103-1	3749437	3750502	3708197	3736045	0.65	cps
Scandium	45-1	3332290	3369852	3346576	3349573	0.57	cps
Scandium	45-2	142976	145590	143945	144170	0.92	cps
Selenium	77-2	3017	3084	3150	3084	2.16	cps
Selenium	78-2	10048	10152	10506	10235	2.34	cps
Selenium	82-1	78003	78547	78000	78183	0.40	cps
Silicon	28-1	3877544	3916901	3894009	3896151	0.51	cps
Silver	109-1	5029336	5073954	4997231	5033507	0.77	cps
Silver	107-1	5309824	5317215	5343253	5323431	0.33	cps
Sodium	23-2	23623653	23426735	23283294	23444561	0.73	cps
Strontium	86-1	1825312	1835452	1828748	1829837	0.28	cps
Strontium	88-1	15455471	15534290	15404987	15464916	0.42	cps
Sulfur	34-1	882462	873978	872499	876313	0.61	cps
Terbium	159-1	4517780	4553285	4484583	4518549	0.76	cps
Terbium	159-2	2555319	2591767	2588944	2578676	0.79	cps
Thallium	203-1	3502852	3527983	3493783	3508206	0.51	cps
Thallium	205-1	8305007	8425490	8333959	8354819	0.75	cps
Tin	118-1	3573006	3569298	3586167	3576157	0.25	cps
Titanium	47-1	848817	852719	854171	851902	0.33	cps
Uranium	238-1	13161174	13152270	13091288	13134911	0.29	cps
Vanadium	51-2	1438714	1456396	1448392	1447834	0.61	cps
Yttrium	89-2	668796	677812	680534	675714	0.91	cps
Yttrium	89-1	4627789	4598011	4582966	4602922	0.50	cps
Zinc	66-2	443962	452087	447630	447893	0.91	cps
Zirconium	90-1	9231555	9285130	9236540	9251075	0.32	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:03:55	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2044995	2047700	2048420	2047038	0.09	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:07:34	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4545272	4645450	4613564	4601429	1.11	cps
Antimony	121-1	24380	25466	26785	25544	4.71	cps
Arsenic	75-2	222	285	235	248	13.43	cps
Barium	135-1	1817	1859	1634	1770	6.77	cps
Barium	137-1	3309	2959	2900	3056	7.23	cps
Beryllium	9-1	139	106	133	126	14.18	cps
Bismuth	209-1	2441743	2429320	2430190	2433751	0.28	cps
Bismuth	209-2	1584999	1614431	1608610	1602680	0.97	cps
Boron	10-1	2384	2159	1850	2131	12.57	cps
Boron	11-1	11680	10287	9804	10590	9.20	cps
Cadmium	106-1	1292	1425	1408	1375	5.28	cps
Cadmium	108-1	21	17	4	14	62.43	cps
Cadmium	111-1	1023	1161	1121	1101	6.44	cps
Calcium	43-1	8506668	8490790	8382069	8459842	0.80	cps
Calcium	44-1	134145728	131515303	131621107	132427379	1.12	cps
Chromium	52-2	36549	36843	36438	36610	0.57	cps
Cobalt	59-2	3157	3337	3150	3215	3.29	cps
Copper	63-2	4891	4838	4751	4826	1.46	cps
Dysprosium	156-2	33	23	37	31	22.31	cps
Dysprosium	156-1	50	67	50	56	17.32	cps
Erbium	164-1	50	17	33	33	50.00	cps
Erbium	164-2	30	27	17	24	28.38	cps
Gadolinium	160-2	57	47	30	44	30.31	cps
Gadolinium	160-1	50	100	58	69	38.57	cps
Holmium	165-2	2421079	2481142	2478687	2460303	1.38	cps
Holmium	165-1	4060613	4007434	4036595	4034881	0.66	cps
Indium	115-1	3653748	3630748	3617634	3634043	0.50	cps
Indium	115-2	695517	714746	713177	707813	1.51	cps
Iron	56-2	300840707	301858840	301135440	301278329	0.17	cps
Iron	57-2	7851999	7983556	7886716	7907424	0.86	cps
Lead	206-1	5285	5273	5662	5407	4.10	cps
Lead	207-1	4473	4895	4657	4675	4.53	cps
Lead	208-1	20312	20962	21874	21050	3.73	cps
Lithium	6-1	240229	238716	239603	239516	0.32	cps
Magnesium	24-2	57962847	58739035	58536312	58412731	0.69	cps
Manganese	55-2	6495	6468	6662	6542	1.60	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:07:34	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	9162	9412	10079	9551	4.97	cps
Molybdenum	95-1	13390	14441	14550	14127	4.53	cps
Molybdenum	96-1	17203	18087	18755	18015	4.32	cps
Molybdenum	97-1	8628	8611	9303	8848	4.46	cps
Molybdenum	98-1	21968	22685	23988	22880	4.48	cps
Neodymium	150-1	73	40	67	60	29.40	cps
Neodymium	150-2	17	37	13	22	56.80	cps
Nickel	60-2	7869	8252	8086	8069	2.38	cps
Phosphorus	31-2	58	142	75	92	48.10	cps
Potassium	39-2	26291925	26641419	26334274	26422539	0.72	cps
Rhodium	103-2	1664383	1706247	1705899	1692176	1.42	cps
Rhodium	103-1	3419849	3406887	3365820	3397519	0.83	cps
Scandium	45-1	3226610	3192105	3206251	3208322	0.54	cps
Scandium	45-2	137067	138732	139052	138284	0.77	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	61	54	50	55	10.30	cps
Selenium	82-1	186	84	169	146	37.64	cps
Silicon	28-1	463528	460021	467231	463593	0.78	cps
Silver	109-1	500	533	517	517	3.23	cps
Silver	107-1	508	817	558	628	26.36	cps
Sodium	23-2	109636690	111802615	111000315	110813207	0.99	cps
Strontium	86-1	53341	52313	52304	52653	1.13	cps
Strontium	88-1	451557	448537	445696	448597	0.65	cps
Sulfur	34-1	331324	332541	334698	332854	0.51	cps
Terbium	159-1	4255904	4263615	4242616	4254045	0.25	cps
Terbium	159-2	2447424	2492722	2485694	2475280	0.98	cps
Thallium	203-1	1342	1275	875	1164	21.69	cps
Thallium	205-1	3042	2609	2517	2723	10.30	cps
Tin	118-1	5418	5210	5693	5440	4.46	cps
Titanium	47-1	3454	1009	892	1785	81.06	cps
Uranium	238-1	3192	2975	2667	2945	8.96	cps
Vanadium	51-2	343	333	370	349	5.43	cps
Yttrium	89-2	646177	657777	661462	655139	1.22	cps
Yttrium	89-1	4339278	4322935	4308440	4323551	0.36	cps
Zinc	66-2	1937	2167	2327	2144	9.15	cps
Zirconium	90-1	2559	2800	2742	2700	4.67	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:07:34	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	650	558	642	617	8.22	cps

LB Number : LB85890 Operator : Jaswal
 Lab Sample ID : ICV Instrumnet Name : P7
 Client Sample ID : ICV Dilution Factor : 1
 Date & Time Acquired :: 2017-02-16 16:11:21 DataFile Name : 011ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24379	24621	23987	24329	1.32	cps
Antimony	121-1	885034	868683	858814	870844	1.52	cps
Arsenic	75-2	35603	35746	35411	35587	0.47	cps
Barium	135-1	111872	110924	113864	112220	1.34	cps
Barium	137-1	194097	192093	191298	192496	0.75	cps
Beryllium	9-1	64046	62735	62997	63259	1.10	cps
Bismuth	209-1	2762875	2751614	2753022	2755837	0.22	cps
Bismuth	209-2	1814874	1829089	1831403	1825122	0.49	cps
Boron	10-1	56539	56422	57837	56933	1.38	cps
Boron	11-1	306770	304556	310085	307137	0.91	cps
Cadmium	106-1	25666	26017	25298	25660	1.40	cps
Cadmium	108-1	13123	12915	12693	12910	1.66	cps
Cadmium	111-1	117094	115932	114506	115844	1.12	cps
Calcium	43-1	40456	39855	39763	40025	0.94	cps
Calcium	44-1	608148	604446	604361	605651	0.36	cps
Chromium	52-2	169050	167640	167419	168036	0.53	cps
Cobalt	59-2	268562	269959	270201	269574	0.33	cps
Copper	63-2	183295	186320	184125	184580	0.85	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Dysprosium	156-1	17	25	8	17	50.01	cps
Erbium	164-1	92	83	17	64	64.34	cps
Erbium	164-2	10	20	23	18	39.03	cps
Gadolinium	160-2	10	13	3	9	57.30	cps
Gadolinium	160-1	42	50	17	36	48.03	cps
Holmium	165-2	2555961	2556344	2546701	2553002	0.21	cps
Holmium	165-1	4181688	4125812	4187595	4165032	0.82	cps
Indium	115-1	3560362	3855344	3524477	3646728	4.98	cps
Indium	115-2	749568	748147	758902	752206	0.78	cps
Iron	56-2	1306651	1321529	1312822	1313667	0.57	cps
Iron	57-2	32820	33288	33121	33077	0.72	cps
Lead	206-1	601190	595698	599534	598807	0.47	cps
Lead	207-1	525528	517606	519295	520810	0.80	cps
Lead	208-1	2391365	2361130	2372188	2374894	0.64	cps
Lithium	6-1	268556	263729	267053	266446	0.93	cps
Magnesium	24-2	151004	152039	150524	151189	0.51	cps
Manganese	55-2	86361	87045	87253	86887	0.54	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:11:21	DataFile Name :	011ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2483075	2480494	2471336	2478302	0.25	cps
Molybdenum	95-1	1340994	1333897	1324931	1333274	0.60	cps
Molybdenum	96-1	1714759	1697021	1690880	1700887	0.73	cps
Molybdenum	97-1	836457	830569	828285	831770	0.51	cps
Molybdenum	98-1	2125400	2100610	2100387	2108799	0.68	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	70478	70324	70324	70376	0.13	cps
Phosphorus	31-2	75	58	125	86	40.29	cps
Potassium	39-2	244577	243525	247151	245084	0.76	cps
Rhodium	103-2	1922546	1937775	1931133	1930485	0.40	cps
Rhodium	103-1	3838149	3844207	3830741	3837699	0.18	cps
Scandium	45-1	3370726	3331758	3349771	3350752	0.58	cps
Scandium	45-2	145496	146401	145271	145723	0.41	cps
Selenium	77-2	603	587	583	591	1.81	cps
Selenium	78-2	2085	2172	2119	2125	2.07	cps
Selenium	82-1	15679	15050	15537	15422	2.14	cps
Silicon	28-1	2391920	2365982	2382567	2380156	0.55	cps
Silver	109-1	515978	508504	512017	512166	0.73	cps
Silver	107-1	542421	539034	543977	541811	0.47	cps
Sodium	23-2	498900	500450	497106	498819	0.34	cps
Strontium	86-1	899445	891703	886660	892603	0.72	cps
Strontium	88-1	7473393	7438369	7409175	7440312	0.43	cps
Sulfur	34-1	338327	335084	337459	336957	0.50	cps
Terbium	159-1	4439806	4368400	4401247	4403151	0.81	cps
Terbium	159-2	2590717	2583849	2577988	2584184	0.25	cps
Thallium	203-1	733513	717064	719093	723223	1.24	cps
Thallium	205-1	1721561	1696501	1709051	1709038	0.73	cps
Tin	118-1	1947453	1917828	1926780	1930687	0.79	cps
Titanium	47-1	449309	444905	448115	447443	0.51	cps
Uranium	238-1	6851713	6863144	6749720	6821526	0.92	cps
Vanadium	51-2	144728	145044	142763	144178	0.86	cps
Yttrium	89-2	679463	683558	687123	683381	0.56	cps
Yttrium	89-1	4534041	4530807	4543734	4536194	0.15	cps
Zinc	66-2	46751	46387	46016	46385	0.79	cps
Zirconium	90-1	4839202	4794767	4800008	4811326	0.50	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:11:21	DataFile Name :	011ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1086356	1076464	1075684	1079501	0.55	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:14:56	DataFile Name :	012CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	92	58	81	23.89	cps
Antimony	121-1	7636	8411	8878	8308	7.55	cps
Arsenic	75-2	65	87	115	89	28.18	cps
Barium	135-1	117	125	133	125	6.67	cps
Barium	137-1	167	133	125	142	15.56	cps
Beryllium	9-1	100	67	33	67	50.00	cps
Bismuth	209-1	2747546	2714256	2707917	2723239	0.78	cps
Bismuth	209-2	1806634	1819001	1822260	1815965	0.45	cps
Boron	10-1	1675	1550	1483	1570	6.20	cps
Boron	11-1	9086	7969	7335	8130	10.90	cps
Cadmium	106-1	1425	1433	1242	1367	7.93	cps
Cadmium	108-1	17	25	4	15	68.61	cps
Cadmium	111-1	1019	1019	875	971	8.60	cps
Calcium	43-1	333	425	167	308	42.48	cps
Calcium	44-1	10980	9695	10079	10251	6.43	cps
Chromium	52-2	873	763	823	820	6.72	cps
Cobalt	59-2	193	153	87	144	37.31	cps
Copper	63-2	233	257	257	249	5.41	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Erbium	164-1	33	8	42	28	62.46	cps
Erbium	164-2	20	3	10	11	75.52	cps
Gadolinium	160-2	3	10	13	9	57.30	cps
Gadolinium	160-1	75	33	25	44	60.28	cps
Holmium	165-2	2501060	2543576	2536993	2527210	0.91	cps
Holmium	165-1	4120738	4138058	4129187	4129328	0.21	cps
Indium	115-1	3901315	3876033	3564216	3780522	4.97	cps
Indium	115-2	753599	758077	758789	756822	0.37	cps
Iron	56-2	10165	10454	9337	9985	5.81	cps
Iron	57-2	333	183	267	261	28.78	cps
Lead	206-1	1367	1389	1195	1317	8.08	cps
Lead	207-1	978	1161	1028	1056	8.98	cps
Lead	208-1	5101	5373	4867	5114	4.95	cps
Lithium	6-1	266257	264005	261807	264023	0.84	cps
Magnesium	24-2	1067	1117	1008	1064	5.10	cps
Manganese	55-2	70	60	77	69	12.18	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:14:56	DataFile Name :	012CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1900	2192	2684	2259	17.53	cps
Molybdenum	95-1	2717	3109	3734	3187	16.10	cps
Molybdenum	96-1	2809	3617	4501	3642	23.24	cps
Molybdenum	97-1	1650	2067	2442	2053	19.29	cps
Molybdenum	98-1	3959	5059	5876	4965	19.38	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	30	23	30	28	13.86	cps
Phosphorus	31-2	117	83	50	83	40.00	cps
Potassium	39-2	19296	19639	19005	19313	1.64	cps
Rhodium	103-2	1918250	1937282	1930855	1928796	0.50	cps
Rhodium	103-1	3828917	3777506	3772443	3792955	0.82	cps
Scandium	45-1	3325847	3280141	3320309	3308765	0.75	cps
Scandium	45-2	142100	142965	144678	143248	0.92	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	43	33	67	48	36.21	cps
Selenium	82-1	-31	26	150	49	190.46	cps
Silicon	28-1	443856	443027	439581	442154	0.51	cps
Silver	109-1	117	150	183	150	22.22	cps
Silver	107-1	158	158	158	158	0.00	cps
Sodium	23-2	14991	14666	14833	14830	1.10	cps
Strontium	86-1	700	517	533	583	17.38	cps
Strontium	88-1	625	642	442	569	19.49	cps
Sulfur	34-1	344183	340031	336975	340397	1.06	cps
Terbium	159-1	4360572	4356858	4349890	4355773	0.12	cps
Terbium	159-2	2537277	2567775	2563577	2556210	0.65	cps
Thallium	203-1	400	275	333	336	18.61	cps
Thallium	205-1	975	808	792	858	11.81	cps
Tin	118-1	2125	2325	2525	2325	8.60	cps
Titanium	47-1	75	150	100	108	35.25	cps
Uranium	238-1	767	800	575	714	17.01	cps
Vanadium	51-2	30	47	30	36	27.07	cps
Yttrium	89-2	673283	684018	676733	678011	0.81	cps
Yttrium	89-1	4494033	4515434	4508269	4505912	0.24	cps
Zinc	66-2	103	153	97	118	26.30	cps
Zirconium	90-1	1100	1067	1100	1089	1.77	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:14:56	DataFile Name :	012CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	233	242	325	267	19.01	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:18:30	DataFile Name :	013ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4457421	4444458	4485260	4462380	0.47	cps
Antimony	121-1	8811	9245	9704	9253	4.82	cps
Arsenic	75-2	104	87	122	104	16.87	cps
Barium	135-1	1900	1867	1967	1911	2.66	cps
Barium	137-1	2825	2967	2909	2900	2.46	cps
Beryllium	9-1	233	200	194	209	10.05	cps
Bismuth	209-1	2611621	2580420	2584869	2592303	0.65	cps
Bismuth	209-2	1700818	1721621	1736999	1719812	1.06	cps
Boron	10-1	1033	750	775	853	18.39	cps
Boron	11-1	4743	4851	4709	4768	1.55	cps
Cadmium	106-1	1183	1258	1308	1250	5.03	cps
Cadmium	108-1	1146	1071	1133	1117	3.60	cps
Cadmium	111-1	1256	1581	1398	1412	11.57	cps
Calcium	43-1	1677161	1664288	1667335	1669595	0.40	cps
Calcium	44-1	26310762	26302777	26325091	26312876	0.04	cps
Chromium	52-2	33354	33769	33481	33535	0.63	cps
Cobalt	59-2	3234	3067	3110	3137	2.76	cps
Copper	63-2	16032	16209	16129	16124	0.55	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Dysprosium	156-1	33	17	25	25	33.32	cps
Erbium	164-1	50	33	25	36	35.25	cps
Erbium	164-2	40	13	27	27	50.01	cps
Gadolinium	160-2	17	20	37	24	43.83	cps
Gadolinium	160-1	50	58	17	42	52.91	cps
Holmium	165-2	2531080	2552099	2571287	2551488	0.79	cps
Holmium	165-1	4128893	4124552	4143330	4132258	0.24	cps
Indium	115-1	3806658	3782387	3811936	3800327	0.41	cps
Indium	115-2	735601	744457	744150	741403	0.68	cps
Iron	56-2	115231091	116089178	115949428	115756566	0.40	cps
Iron	57-2	3011396	3043913	3033145	3029485	0.55	cps
Lead	206-1	15832	14931	15259	15341	2.97	cps
Lead	207-1	12423	12595	12139	12386	1.86	cps
Lead	208-1	59620	57683	57344	58216	2.11	cps
Lithium	6-1	249128	247438	248913	248493	0.37	cps
Magnesium	24-2	11731727	11735371	11698193	11721764	0.17	cps
Manganese	55-2	6648	7005	7005	6886	2.99	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:18:30	DataFile Name :	013ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2721381	2693836	2714930	2710049	0.53	cps
Molybdenum	95-1	4817627	4812898	4785495	4805340	0.36	cps
Molybdenum	96-1	5125785	5068566	5129539	5107964	0.67	cps
Molybdenum	97-1	2912329	2889455	2910849	2904211	0.44	cps
Molybdenum	98-1	7581412	7639018	7686285	7635572	0.69	cps
Neodymium	150-1	7	20	7	11	69.25	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	3494	3587	3490	3524	1.56	cps
Phosphorus	31-2	255666	258669	258110	257482	0.62	cps
Potassium	39-2	10705893	10832427	10755200	10764507	0.59	cps
Rhodium	103-2	1839081	1843435	1856701	1846406	0.50	cps
Rhodium	103-1	3614534	3609088	3634494	3619372	0.37	cps
Scandium	45-1	3315860	3295385	3303367	3304871	0.31	cps
Scandium	45-2	143530	144402	143409	143780	0.38	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	28	33	39	33	16.67	cps
Selenium	82-1	34	73	6	37	90.18	cps
Silicon	28-1	519554	516808	520081	518814	0.34	cps
Silver	109-1	1450	1317	1250	1339	7.61	cps
Silver	107-1	1609	1500	1367	1492	8.12	cps
Sodium	23-2	22778628	22626332	22729362	22711441	0.34	cps
Strontium	86-1	55366	55935	56411	55904	0.94	cps
Strontium	88-1	486651	476064	479301	480672	1.13	cps
Sulfur	34-1	2968637	2943182	2966104	2959307	0.47	cps
Terbium	159-1	4367450	4362518	4393800	4374590	0.38	cps
Terbium	159-2	2554170	2571294	2593238	2572901	0.76	cps
Thallium	203-1	3417	2642	2159	2739	23.18	cps
Thallium	205-1	8003	6727	5126	6619	21.78	cps
Tin	118-1	1200	1492	1850	1514	21.51	cps
Titanium	47-1	1607568	1593417	1620801	1607262	0.85	cps
Uranium	238-1	533	508	450	497	8.60	cps
Vanadium	51-2	200	217	170	196	12.09	cps
Yttrium	89-2	670500	680504	679097	676701	0.80	cps
Yttrium	89-1	4488828	4492936	4550252	4510672	0.76	cps
Zinc	66-2	2990	3014	3010	3005	0.42	cps
Zirconium	90-1	2025	1984	1884	1964	3.71	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:18:30	DataFile Name :	013ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	400	400	475	425	10.19	cps

LB Number : LB85890 Operator : Jaswal
 Lab Sample ID : ICSAB Instrumnet Name : P7
 Client Sample ID : ICSAB Dilution Factor : 1
 Date & Time Acquired :: 2017-02-16 16:22:03 DataFile Name : 014ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4415662	4470336	4497576	4461192	0.94	cps
Antimony	121-1	99484	97117	98259	98287	1.20	cps
Arsenic	75-2	3441	3499	3510	3483	1.06	cps
Barium	135-1	23738	23971	23554	23754	0.88	cps
Barium	137-1	41463	41262	39983	40903	1.96	cps
Beryllium	9-1	12783	13328	12478	12863	3.35	cps
Bismuth	209-1	2612758	2568762	2557832	2579784	1.13	cps
Bismuth	209-2	1704158	1732332	1746617	1727702	1.25	cps
Boron	10-1	6185	6177	5793	6051	3.70	cps
Boron	11-1	32978	33037	33739	33251	1.27	cps
Cadmium	106-1	4676	4343	4759	4593	4.80	cps
Cadmium	108-1	2938	2946	2830	2905	2.24	cps
Cadmium	111-1	22257	22511	22809	22526	1.23	cps
Calcium	43-1	1667302	1642068	1647866	1652412	0.80	cps
Calcium	44-1	25907379	25614428	25878638	25800148	0.63	cps
Chromium	52-2	65267	65913	66707	65962	1.09	cps
Cobalt	59-2	54926	54795	56026	55249	1.22	cps
Copper	63-2	51306	51918	51831	51685	0.64	cps
Dysprosium	156-2	7	3	13	8	65.47	cps
Dysprosium	156-1	25	42	17	28	45.82	cps
Erbium	164-1	33	25	50	36	35.25	cps
Erbium	164-2	20	7	27	18	57.27	cps
Gadolinium	160-2	17	43	10	23	75.58	cps
Gadolinium	160-1	42	17	67	42	60.00	cps
Holmium	165-2	2522781	2566516	2581630	2556976	1.20	cps
Holmium	165-1	4154986	4097177	4134119	4128761	0.71	cps
Indium	115-1	3810912	3793602	3780407	3794973	0.40	cps
Indium	115-2	728907	748846	750003	742585	1.60	cps
Iron	56-2	113723741	115402741	115470336	114865606	0.86	cps
Iron	57-2	2972888	3013323	3026574	3004262	0.93	cps
Lead	206-1	73659	72318	72513	72830	0.99	cps
Lead	207-1	63479	61285	61051	61938	2.16	cps
Lead	208-1	284888	279213	279872	281324	1.10	cps
Lithium	6-1	251279	248138	243950	247789	1.48	cps
Magnesium	24-2	11630412	11655746	11637917	11641358	0.11	cps
Manganese	55-2	24274	24354	25051	24560	1.74	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:22:03	DataFile Name :	014ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2934487	2855561	2876193	2888747	1.42	cps
Molybdenum	95-1	4900492	4776440	4833484	4836805	1.28	cps
Molybdenum	96-1	5232231	5141272	5190073	5187859	0.88	cps
Molybdenum	97-1	2980284	2926014	2926355	2944218	1.06	cps
Molybdenum	98-1	7778493	7833451	7751704	7787883	0.54	cps
Neodymium	150-1	40	13	20	24	56.78	cps
Neodymium	150-2	0	10	3	4	114.60	cps
Nickel	60-2	16947	17164	17140	17083	0.70	cps
Phosphorus	31-2	253215	256390	255602	255069	0.65	cps
Potassium	39-2	10670501	10835936	10662771	10723069	0.91	cps
Rhodium	103-2	1825757	1859957	1881965	1855893	1.53	cps
Rhodium	103-1	3657499	3660865	3588069	3635478	1.13	cps
Scandium	45-1	3331050	3284276	3275848	3297058	0.90	cps
Scandium	45-2	142125	143541	145014	143560	1.01	cps
Selenium	77-2	50	70	53	58	18.55	cps
Selenium	78-2	237	257	246	247	4.13	cps
Selenium	82-1	1612	1547	1549	1569	2.35	cps
Silicon	28-1	727858	716158	717888	720635	0.88	cps
Silver	109-1	95756	94649	95018	95141	0.59	cps
Silver	107-1	99313	100547	98995	99618	0.82	cps
Sodium	23-2	22431618	22584469	22780807	22598965	0.77	cps
Strontium	86-1	147660	145235	145176	146024	0.97	cps
Strontium	88-1	1249805	1229597	1222670	1234024	1.14	cps
Sulfur	34-1	2938582	2902427	2912000	2917670	0.64	cps
Terbium	159-1	4416771	4354019	4361119	4377303	0.79	cps
Terbium	159-2	2541643	2587416	2615534	2581531	1.44	cps
Thallium	203-1	70186	70637	69256	70026	1.01	cps
Thallium	205-1	168961	164242	164996	166067	1.53	cps
Tin	118-1	197703	196682	194821	196402	0.74	cps
Titanium	47-1	1655048	1621113	1610308	1628823	1.43	cps
Uranium	238-1	716103	702552	695524	704726	1.48	cps
Vanadium	51-2	28040	28087	28374	28167	0.64	cps
Yttrium	89-2	670288	682305	687778	680124	1.32	cps
Yttrium	89-1	4510534	4484789	4474796	4490040	0.41	cps
Zinc	66-2	7065	7392	7215	7224	2.26	cps
Zirconium	90-1	498779	492563	488770	493371	1.02	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:22:03	DataFile Name :	014ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	109357	109014	109861	109411	0.39	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	CCV096	Instrumnet Name :	P7
Client Sample ID :	CCV096	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:25:36	DataFile Name :	015CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	483008	478230	479449	480229	0.52	cps
Antimony	121-1	2279643	2245720	2243352	2256238	0.90	cps
Arsenic	75-2	90844	89931	90850	90542	0.58	cps
Barium	135-1	2767239	2747001	2745894	2753378	0.44	cps
Barium	137-1	4746151	4738870	4729115	4738045	0.18	cps
Beryllium	9-1	319887	314398	319465	317916	0.96	cps
Bismuth	209-1	2715955	2691552	2711898	2706468	0.48	cps
Bismuth	209-2	1786758	1802444	1795559	1794920	0.44	cps
Boron	10-1	50535	51321	52425	51427	1.85	cps
Boron	11-1	280246	280024	282193	280821	0.42	cps
Cadmium	106-1	64230	63928	64547	64235	0.48	cps
Cadmium	108-1	41644	42004	41645	41764	0.50	cps
Cadmium	111-1	552705	551814	553355	552625	0.14	cps
Calcium	43-1	877929	872181	870569	873560	0.44	cps
Calcium	44-1	13500790	13469352	13435229	13468457	0.24	cps
Chromium	52-2	862006	867900	861368	863758	0.42	cps
Cobalt	59-2	1322580	1331400	1324096	1326025	0.36	cps
Copper	63-2	1784248	1803503	1800771	1796174	0.58	cps
Dysprosium	156-2	10	7	3	7	50.03	cps
Dysprosium	156-1	67	33	50	50	33.34	cps
Erbium	164-1	8	0	17	8	100.02	cps
Erbium	164-2	17	10	17	14	26.66	cps
Gadolinium	160-2	17	13	13	14	13.35	cps
Gadolinium	160-1	25	42	25	31	31.50	cps
Holmium	165-2	2588063	2606533	2594043	2596213	0.36	cps
Holmium	165-1	4195448	4190355	4170775	4185526	0.31	cps
Indium	115-1	3563245	3516607	3864607	3648153	5.18	cps
Indium	115-2	751746	756824	755579	754716	0.35	cps
Iron	56-2	30835957	30463867	30574437	30624754	0.62	cps
Iron	57-2	810942	815865	816143	814317	0.36	cps
Lead	206-1	1447401	1442722	1432345	1440823	0.53	cps
Lead	207-1	1325445	1327959	1320621	1324675	0.28	cps
Lead	208-1	5846923	5851863	5817606	5838797	0.32	cps
Lithium	6-1	257555	255929	255797	256427	0.38	cps
Magnesium	24-2	6062682	6101813	6099532	6088009	0.36	cps
Manganese	55-2	871266	874709	874233	873403	0.21	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	CCV096	Instrumnet Name :	P7
Client Sample ID :	CCV096	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:25:36	DataFile Name :	015CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2367274	2365395	2353623	2362097	0.31	cps
Molybdenum	95-1	1277025	1276352	1263904	1272427	0.58	cps
Molybdenum	96-1	1632943	1632665	1624228	1629946	0.30	cps
Molybdenum	97-1	802444	793019	798881	798115	0.60	cps
Molybdenum	98-1	2034910	2032953	2010935	2026266	0.66	cps
Neodymium	150-1	193	127	133	151	24.30	cps
Neodymium	150-2	13	17	10	13	25.01	cps
Nickel	60-2	348314	353009	347065	349463	0.90	cps
Phosphorus	31-2	27359	26441	27434	27078	2.04	cps
Potassium	39-2	2801958	2836176	2834141	2824092	0.68	cps
Rhodium	103-2	1897644	1918486	1908467	1908199	0.55	cps
Rhodium	103-1	3807914	3776220	3744044	3776059	0.85	cps
Scandium	45-1	3381072	3361384	3371466	3371307	0.29	cps
Scandium	45-2	145566	146112	146624	146101	0.36	cps
Selenium	77-2	1517	1453	1493	1488	2.15	cps
Selenium	78-2	5533	5401	5245	5393	2.67	cps
Selenium	82-1	39770	39546	39587	39634	0.30	cps
Silicon	28-1	2318781	2330769	2323683	2324411	0.26	cps
Silver	109-1	2529319	2517724	2524966	2524003	0.23	cps
Silver	107-1	2673860	2660569	2646309	2660246	0.52	cps
Sodium	23-2	11803815	11813550	11874921	11830762	0.33	cps
Strontium	86-1	922077	919286	911855	917740	0.58	cps
Strontium	88-1	7611390	7640889	7584095	7612125	0.37	cps
Sulfur	34-1	588410	587977	591063	589150	0.28	cps
Terbium	159-1	4476887	4417787	4404249	4432974	0.87	cps
Terbium	159-2	2606559	2627531	2632421	2622170	0.52	cps
Thallium	203-1	1774634	1766803	1743338	1761591	0.92	cps
Thallium	205-1	4051452	4074020	4044781	4056751	0.38	cps
Tin	118-1	1832548	1803364	1821121	1819011	0.81	cps
Titanium	47-1	423375	426009	427005	425463	0.44	cps
Uranium	238-1	6377754	6339330	6394291	6370458	0.44	cps
Vanadium	51-2	733471	738064	734115	735217	0.34	cps
Yttrium	89-2	692621	691213	690243	691359	0.17	cps
Yttrium	89-1	4541565	4576735	4531249	4549850	0.52	cps
Zinc	66-2	229944	232101	230738	230927	0.47	cps
Zirconium	90-1	4589863	4562345	4526241	4559483	0.70	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	CCV096	Instrumnet Name :	P7
Client Sample ID :	CCV096	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:25:36	DataFile Name :	015CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1035819	1021283	1018636	1025246	0.90	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	CCB096	Instrumnet Name :	P7
Client Sample ID :	CCB096	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:29:06	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	142	83	125	29.06	cps
Antimony	121-1	11030	11981	12164	11725	5.19	cps
Arsenic	75-2	130	130	128	129	0.83	cps
Barium	135-1	250	250	208	236	10.19	cps
Barium	137-1	375	342	333	350	6.30	cps
Beryllium	9-1	122	117	83	107	19.58	cps
Bismuth	209-1	2752622	2717878	2727257	2732585	0.66	cps
Bismuth	209-2	1794745	1800470	1825552	1806922	0.91	cps
Boron	10-1	1367	1333	1150	1283	9.09	cps
Boron	11-1	6727	6435	6285	6482	3.47	cps
Cadmium	106-1	1567	1475	1525	1522	3.02	cps
Cadmium	108-1	21	4	13	13	66.64	cps
Cadmium	111-1	1120	1071	1084	1092	2.30	cps
Calcium	43-1	233	225	200	219	7.91	cps
Calcium	44-1	9479	9445	9970	9631	3.05	cps
Chromium	52-2	830	867	847	848	2.17	cps
Cobalt	59-2	187	127	140	151	20.85	cps
Copper	63-2	437	480	483	467	5.58	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Dysprosium	156-1	0	0	33	11	173.21	cps
Erbium	164-1	25	0	25	17	86.60	cps
Erbium	164-2	7	3	10	7	50.03	cps
Gadolinium	160-2	17	17	13	16	12.40	cps
Gadolinium	160-1	8	25	17	17	50.01	cps
Holmium	165-2	2534818	2523567	2560289	2539558	0.74	cps
Holmium	165-1	4154038	4150387	4138131	4147519	0.20	cps
Indium	115-1	3890656	3864155	3871616	3875476	0.35	cps
Indium	115-2	749012	757241	765431	757228	1.08	cps
Iron	56-2	10354	9103	9409	9622	6.78	cps
Iron	57-2	217	244	244	235	6.82	cps
Lead	206-1	822	883	922	876	5.76	cps
Lead	207-1	672	861	883	806	14.40	cps
Lead	208-1	3261	3311	3606	3393	5.49	cps
Lithium	6-1	260927	260801	258944	260224	0.43	cps
Magnesium	24-2	492	375	392	419	15.04	cps
Manganese	55-2	77	70	70	72	5.33	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	CCB096	Instrumnet Name :	P7
Client Sample ID :	CCB096	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:29:06	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2284	2817	3309	2803	18.29	cps
Molybdenum	95-1	3601	4659	5109	4456	17.38	cps
Molybdenum	96-1	4059	4918	6218	5065	21.46	cps
Molybdenum	97-1	2242	3017	2884	2714	15.27	cps
Molybdenum	98-1	5660	7110	8019	6930	17.17	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	17	37	33	29	37.08	cps
Phosphorus	31-2	100	108	100	103	4.68	cps
Potassium	39-2	18913	18788	19330	19010	1.49	cps
Rhodium	103-2	1918365	1922046	1951177	1930529	0.93	cps
Rhodium	103-1	3816558	3792124	3800240	3802974	0.33	cps
Scandium	45-1	3328149	3312483	3342021	3327551	0.44	cps
Scandium	45-2	142128	142061	143392	142527	0.53	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	46	61	43	50	19.60	cps
Selenium	82-1	3	52	50	35	79.66	cps
Silicon	28-1	443841	470940	436570	450450	4.02	cps
Silver	109-1	300	283	250	278	9.17	cps
Silver	107-1	242	258	175	225	19.60	cps
Sodium	23-2	14649	14241	13957	14282	2.44	cps
Strontium	86-1	642	533	567	581	9.56	cps
Strontium	88-1	625	658	542	608	9.88	cps
Sulfur	34-1	316571	314886	313865	315107	0.43	cps
Terbium	159-1	4393143	4382903	4393600	4389882	0.14	cps
Terbium	159-2	2554230	2552406	2593957	2566864	0.91	cps
Thallium	203-1	425	325	300	350	18.90	cps
Thallium	205-1	1042	917	833	931	11.27	cps
Tin	118-1	2142	2325	2567	2345	9.09	cps
Titanium	47-1	183	175	208	189	9.18	cps
Uranium	238-1	717	550	733	667	15.21	cps
Vanadium	51-2	47	33	13	31	53.94	cps
Yttrium	89-2	680236	677419	684512	680722	0.52	cps
Yttrium	89-1	4535830	4469257	4562441	4522509	1.06	cps
Zinc	66-2	163	147	170	160	7.51	cps
Zirconium	90-1	992	1300	1200	1164	13.52	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	CCB096	Instrumnet Name :	P7
Client Sample ID :	CCB096	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:29:06	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	250	275	217	247	11.84	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:32:41	DataFile Name :	017SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1108	1083	958	1050	7.65	cps
Antimony	121-1	12147	11989	12548	12228	2.36	cps
Arsenic	75-2	222	194	215	211	6.83	cps
Barium	135-1	10279	10221	10196	10232	0.42	cps
Barium	137-1	17687	18062	17612	17787	1.36	cps
Beryllium	9-1	644	606	717	656	8.60	cps
Bismuth	209-1	2718140	2683222	2662167	2687843	1.05	cps
Bismuth	209-2	1789270	1794978	1796602	1793617	0.21	cps
Boron	10-1	6435	6068	6460	6321	3.47	cps
Boron	11-1	34198	35685	35476	35119	2.29	cps
Cadmium	106-1	1450	1458	1492	1467	1.50	cps
Cadmium	108-1	133	63	83	93	39.12	cps
Cadmium	111-1	1851	1977	2086	1971	5.97	cps
Calcium	43-1	8211	8278	8128	8205	0.92	cps
Calcium	44-1	137955	137475	136886	137439	0.39	cps
Chromium	52-2	4141	3981	4097	4073	2.03	cps
Cobalt	59-2	2657	2817	2670	2715	3.27	cps
Copper	63-2	3851	3987	4014	3951	2.22	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Erbium	164-1	42	42	17	33	43.30	cps
Erbium	164-2	13	23	10	16	44.60	cps
Gadolinium	160-2	3	17	13	11	62.48	cps
Gadolinium	160-1	33	33	25	31	15.74	cps
Holmium	165-2	2493752	2506621	2525757	2508710	0.64	cps
Holmium	165-1	4084009	4128673	4128024	4113569	0.62	cps
Indium	115-1	3550446	3556520	3808064	3638343	4.04	cps
Indium	115-2	746421	756847	755303	752857	0.75	cps
Iron	56-2	65658	67131	66991	66593	1.22	cps
Iron	57-2	1672	1600	1772	1682	5.14	cps
Lead	206-1	3684	3628	3740	3684	1.51	cps
Lead	207-1	3128	3067	3217	3138	2.40	cps
Lead	208-1	14704	14298	14253	14418	1.72	cps
Lithium	6-1	255851	255083	255495	255476	0.15	cps
Magnesium	24-2	58231	59126	60037	59131	1.53	cps
Manganese	55-2	1000	860	927	929	7.54	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:32:41	DataFile Name :	017SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10746	10729	10746	10741	0.09	cps
Molybdenum	95-1	13015	12631	13807	13151	4.56	cps
Molybdenum	96-1	13615	14433	14708	14252	3.99	cps
Molybdenum	97-1	8303	8153	8611	8356	2.80	cps
Molybdenum	98-1	20607	20891	21876	21125	3.15	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	740	693	757	730	4.50	cps
Phosphorus	31-2	142	108	142	131	14.74	cps
Potassium	39-2	70970	69522	71983	70825	1.75	cps
Rhodium	103-2	1899483	1923601	1929133	1917406	0.82	cps
Rhodium	103-1	3788064	3760050	3768362	3772159	0.38	cps
Scandium	45-1	3314662	3271642	3250278	3278861	1.00	cps
Scandium	45-2	141915	142154	140926	141665	0.46	cps
Selenium	77-2	13	13	13	13	0.00	cps
Selenium	78-2	83	91	74	83	10.09	cps
Selenium	82-1	404	355	382	381	6.37	cps
Silicon	28-1	454235	449681	451207	451708	0.51	cps
Silver	109-1	1075	1200	1125	1133	5.55	cps
Silver	107-1	1242	1300	1208	1250	3.71	cps
Sodium	23-2	125497	124757	126732	125662	0.79	cps
Strontium	86-1	2250	2309	1925	2161	9.56	cps
Strontium	88-1	14041	14299	13524	13954	2.83	cps
Sulfur	34-1	318453	318352	318418	318407	0.02	cps
Terbium	159-1	4346992	4333041	4327057	4335696	0.24	cps
Terbium	159-2	2521387	2543894	2555973	2540418	0.69	cps
Thallium	203-1	3592	3492	3267	3451	4.83	cps
Thallium	205-1	8386	7744	8461	8197	4.81	cps
Tin	118-1	18346	18146	17670	18054	1.92	cps
Titanium	47-1	3776	3951	3701	3809	3.37	cps
Uranium	238-1	13316	12982	12465	12921	3.32	cps
Vanadium	51-2	6642	6928	6955	6842	2.54	cps
Yttrium	89-2	669276	677497	682648	676474	1.00	cps
Yttrium	89-1	4468568	4460772	4550839	4493393	1.11	cps
Zinc	66-2	627	667	557	617	9.03	cps
Zirconium	90-1	7877	7969	7727	7858	1.55	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:32:41	DataFile Name :	017SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1875	1867	1759	1834	3.55	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	PB96835BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:36:15	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	25	25	33	43.30	cps
Antimony	121-1	1475	1717	1967	1720	14.30	cps
Arsenic	75-2	33	19	37	30	33.07	cps
Barium	135-1	58	25	58	47	40.76	cps
Barium	137-1	42	67	100	69	42.14	cps
Beryllium	9-1	33	22	28	28	20.00	cps
Bismuth	209-1	2746922	2696496	2699232	2714217	1.04	cps
Bismuth	209-2	1794453	1810531	1816871	1807285	0.64	cps
Boron	10-1	483	575	567	542	9.36	cps
Boron	11-1	2892	2417	2467	2592	10.07	cps
Cadmium	106-1	1275	1300	1467	1347	7.73	cps
Cadmium	108-1	4	0	21	8	132.26	cps
Cadmium	111-1	894	914	1021	943	7.21	cps
Calcium	43-1	175	217	217	203	11.86	cps
Calcium	44-1	7594	7886	7802	7761	1.94	cps
Chromium	52-2	447	387	383	406	8.79	cps
Cobalt	59-2	77	83	83	81	4.74	cps
Copper	63-2	257	320	293	290	10.97	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Erbium	164-1	8	17	17	14	34.67	cps
Erbium	164-2	17	0	3	7	132.33	cps
Gadolinium	160-2	17	10	10	12	31.50	cps
Gadolinium	160-1	8	8	25	14	69.31	cps
Holmium	165-2	2507915	2535304	2521123	2521447	0.54	cps
Holmium	165-1	4208567	4136283	4144747	4163199	0.95	cps
Indium	115-1	3889387	3865478	3810277	3855047	1.05	cps
Indium	115-2	749829	758848	762319	756999	0.85	cps
Iron	56-2	3312	3534	3467	3438	3.32	cps
Iron	57-2	94	83	44	74	35.44	cps
Lead	206-1	656	606	544	602	9.25	cps
Lead	207-1	494	567	517	526	7.03	cps
Lead	208-1	2595	2422	2256	2424	6.99	cps
Lithium	6-1	256814	255597	256813	256408	0.27	cps
Magnesium	24-2	183	150	208	181	16.21	cps
Manganese	55-2	27	70	50	49	44.36	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	PB96835BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:36:15	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	683	900	1008	864	19.16	cps
Molybdenum	95-1	933	842	1192	989	18.35	cps
Molybdenum	96-1	867	1150	1475	1164	26.16	cps
Molybdenum	97-1	542	683	725	650	14.79	cps
Molybdenum	98-1	1392	1675	1842	1636	13.91	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	20	23	10	18	39.03	cps
Phosphorus	31-2	83	58	67	69	18.33	cps
Potassium	39-2	18537	18712	18921	18723	1.03	cps
Rhodium	103-2	1907558	1938041	1926315	1923971	0.80	cps
Rhodium	103-1	3826736	3785615	3756904	3789752	0.93	cps
Scandium	45-1	3334447	3303614	3296874	3311645	0.60	cps
Scandium	45-2	141279	142924	143190	142465	0.73	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	41	31	43	38	15.55	cps
Selenium	82-1	29	23	48	33	39.43	cps
Silicon	28-1	425554	428243	426048	426615	0.34	cps
Silver	109-1	67	75	83	75	11.11	cps
Silver	107-1	108	125	183	139	28.35	cps
Sodium	23-2	12089	11421	11713	11741	2.85	cps
Strontium	86-1	617	533	533	561	8.58	cps
Strontium	88-1	108	125	83	106	19.87	cps
Sulfur	34-1	310591	311858	312804	311751	0.36	cps
Terbium	159-1	4396530	4378724	4362600	4379285	0.39	cps
Terbium	159-2	2546164	2572729	2555991	2558295	0.53	cps
Thallium	203-1	75	100	92	89	14.33	cps
Thallium	205-1	158	133	125	139	12.49	cps
Tin	118-1	708	775	792	758	5.82	cps
Titanium	47-1	83	133	133	117	24.74	cps
Uranium	238-1	58	67	92	72	24.02	cps
Vanadium	51-2	3	10	7	7	50.03	cps
Yttrium	89-2	670740	678965	679810	676505	0.74	cps
Yttrium	89-1	4563775	4529504	4469082	4520787	1.06	cps
Zinc	66-2	103	117	87	102	14.70	cps
Zirconium	90-1	683	683	492	619	17.87	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	PB96835BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:36:15	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	167	108	158	144	21.84	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	PB96835BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:41:26	DataFile Name :	019LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1817	1867	1934	1872	3.13	cps
Antimony	121-1	17921	17979	18404	18101	1.46	cps
Arsenic	75-2	337	328	374	346	7.07	cps
Barium	135-1	21033	20140	20224	20466	2.41	cps
Barium	137-1	36090	35538	35154	35594	1.32	cps
Beryllium	9-1	1328	1056	1317	1233	12.49	cps
Bismuth	209-1	2731084	2702492	2690671	2708082	0.77	cps
Bismuth	209-2	1794201	1810670	1810159	1805010	0.52	cps
Boron	10-1	4826	5409	5093	5109	5.72	cps
Boron	11-1	27576	28244	28160	27993	1.30	cps
Cadmium	111-1	3189	2802	2942	2977	6.58	cps
Cadmium	106-1	1700	1308	1500	1503	13.03	cps
Cadmium	108-1	175	188	138	167	15.61	cps
Calcium	43-1	16168	15759	15851	15926	1.35	cps
Calcium	44-1	259618	260566	259540	259908	0.22	cps
Chromium	52-2	7409	7422	7402	7411	0.14	cps
Cobalt	59-2	5001	5041	5428	5157	4.57	cps
Copper	63-2	7319	7275	6982	7192	2.55	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Erbium	164-1	8	33	8	17	86.62	cps
Erbium	164-2	10	10	23	14	53.28	cps
Gadolinium	160-2	10	13	3	9	57.30	cps
Gadolinium	160-1	17	0	42	19	107.85	cps
Holmium	165-1	4138562	4150378	4159948	4149630	0.26	cps
Holmium	165-2	2509192	2528995	2540499	2526229	0.63	cps
Indium	115-2	749645	754029	755560	753078	0.41	cps
Indium	115-1	3590024	3597333	3609947	3599101	0.28	cps
Iron	56-2	658549	661898	660120	660189	0.25	cps
Iron	57-2	16120	15848	16209	16059	1.17	cps
Lead	206-1	6218	6035	5990	6081	1.99	cps
Lead	207-1	5407	5568	5479	5485	1.47	cps
Lead	208-1	25166	24482	24454	24700	1.63	cps
Lithium	6-1	252933	249619	249789	250780	0.74	cps
Magnesium	24-2	114173	114636	114350	114386	0.20	cps
Manganese	55-2	1820	1767	1907	1831	3.86	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	PB96835BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:41:26	DataFile Name :	019LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	18913	18621	18704	18746	0.80	cps
Molybdenum	95-1	24104	22836	23186	23375	2.80	cps
Molybdenum	96-1	26241	26534	26626	26467	0.76	cps
Molybdenum	97-1	14825	14625	15417	14956	2.75	cps
Molybdenum	98-1	37542	37425	37358	37442	0.25	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	1533	1470	1467	1490	2.52	cps
Phosphorus	31-2	158	150	217	175	20.76	cps
Potassium	39-2	121695	122301	123241	122412	0.64	cps
Rhodium	103-2	1908988	1928144	1929110	1922081	0.59	cps
Rhodium	103-1	3808347	3770485	3768126	3782319	0.60	cps
Scandium	45-2	141521	142537	142605	142221	0.43	cps
Scandium	45-1	3323354	3290721	3279089	3297721	0.70	cps
Selenium	77-2	33	27	40	33	20.00	cps
Selenium	78-2	159	137	137	144	8.88	cps
Selenium	82-1	756	806	822	795	4.32	cps
Silicon	28-1	457903	462253	464406	461521	0.72	cps
Silver	109-1	9754	9178	9587	9506	3.11	cps
Silver	107-1	10004	10454	10079	10179	2.37	cps
Sodium	23-2	230199	230784	230635	230539	0.13	cps
Strontium	86-1	3767	3817	3709	3765	1.44	cps
Strontium	88-1	27519	27636	27494	27549	0.27	cps
Sulfur	34-1	311431	312488	315670	313197	0.70	cps
Terbium	159-1	4401295	4442172	4408959	4417475	0.49	cps
Terbium	159-2	2539776	2557821	2572559	2556719	0.64	cps
Thallium	203-1	6610	6393	6969	6657	4.36	cps
Thallium	205-1	15818	16678	16110	16202	2.70	cps
Tin	118-1	34519	33457	33140	33705	2.14	cps
Titanium	47-1	7869	7794	7502	7722	2.51	cps
Uranium	238-1	25785	26102	25192	25693	1.80	cps
Vanadium	51-2	12962	13500	13233	13232	2.03	cps
Yttrium	89-2	677103	677074	682297	678825	0.44	cps
Yttrium	89-1	4527286	4513430	4541083	4527266	0.31	cps
Zinc	66-2	1080	1007	1117	1068	5.25	cps
Zirconium	90-1	15083	14007	14700	14597	3.74	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	PB96835BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:41:26	DataFile Name :	019LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3392	3492	3326	3403	2.47	cps

LB Number : LB85890 Operator : Jaswal
 Lab Sample ID : PB96648BL Instrumnet Name : P7
 Client Sample ID : PB96648BL Dilution Factor : 1
 Date & Time Acquired :: 2017-02-16 16:45:01 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	17	17	17	0.00	cps
Antimony	121-1	792	842	1050	895	15.32	cps
Arsenic	75-2	28	20	39	29	32.13	cps
Barium	135-1	50	58	25	44	39.04	cps
Barium	137-1	42	83	50	58	37.80	cps
Beryllium	9-1	28	28	22	26	12.38	cps
Bismuth	209-1	2736482	2715276	2711229	2720996	0.50	cps
Bismuth	209-2	1786932	1809492	1807613	1801345	0.69	cps
Boron	10-1	467	525	267	419	32.30	cps
Boron	11-1	2309	2150	1967	2142	7.98	cps
Cadmium	106-1	1408	1575	1367	1450	7.60	cps
Cadmium	108-1	0	8	4	4	99.96	cps
Cadmium	111-1	990	1097	966	1018	6.83	cps
Calcium	43-1	175	158	150	161	7.90	cps
Calcium	44-1	7619	7886	7919	7808	2.11	cps
Chromium	52-2	447	453	393	431	7.63	cps
Cobalt	59-2	83	70	120	91	28.42	cps
Copper	63-2	210	200	260	223	14.39	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Erbium	164-1	17	17	17	17	0.00	cps
Erbium	164-2	3	10	10	8	49.52	cps
Gadolinium	160-2	10	10	7	9	21.63	cps
Gadolinium	160-1	25	8	50	28	75.51	cps
Holmium	165-2	2503609	2511277	2516152	2510346	0.25	cps
Holmium	165-1	4127896	4195376	4135764	4153012	0.89	cps
Indium	115-1	3637114	3639562	3617308	3631328	0.34	cps
Indium	115-2	751154	756029	756210	754464	0.38	cps
Iron	56-2	2889	3067	2923	2960	3.19	cps
Iron	57-2	72	61	39	57	29.56	cps
Lead	206-1	606	628	539	591	7.83	cps
Lead	207-1	483	550	494	509	7.01	cps
Lead	208-1	2222	2484	2295	2333	5.78	cps
Lithium	6-1	255200	254702	253296	254399	0.39	cps
Magnesium	24-2	150	125	167	147	14.24	cps
Manganese	55-2	27	43	53	41	32.76	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	PB96648BL	Instrumnet Name :	P7
Client Sample ID :	PB96648BL	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:45:01	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	500	600	758	619	21.03	cps
Molybdenum	95-1	467	567	825	619	29.85	cps
Molybdenum	96-1	642	775	933	783	18.64	cps
Molybdenum	97-1	358	292	433	361	19.63	cps
Molybdenum	98-1	742	867	1200	936	25.31	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	17	30	23	23	28.56	cps
Phosphorus	31-2	117	108	67	97	27.55	cps
Potassium	39-2	18087	17661	17528	17758	1.64	cps
Rhodium	103-2	1902727	1915123	1920765	1912872	0.48	cps
Rhodium	103-1	3830463	3809343	3628850	3756219	2.95	cps
Scandium	45-1	3340548	3325531	3268310	3311463	1.15	cps
Scandium	45-2	140485	141380	143062	141642	0.92	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	57	35	57	50	25.66	cps
Selenium	82-1	-32	-51	-10	-31	-65.63	cps
Silicon	28-1	422918	423291	420898	422369	0.30	cps
Silver	109-1	8	42	58	36	70.51	cps
Silver	107-1	50	83	50	61	31.50	cps
Sodium	23-2	10479	10454	10170	10368	1.65	cps
Strontium	86-1	500	575	600	558	9.32	cps
Strontium	88-1	83	117	92	97	17.84	cps
Sulfur	34-1	316913	313942	313799	314885	0.56	cps
Terbium	159-1	4455419	4440461	4414376	4436752	0.47	cps
Terbium	159-2	2540849	2550611	2553759	2548406	0.26	cps
Thallium	203-1	33	33	17	28	34.63	cps
Thallium	205-1	58	108	67	78	34.44	cps
Tin	118-1	542	717	600	619	14.38	cps
Titanium	47-1	75	83	100	86	14.78	cps
Uranium	238-1	42	75	67	61	28.38	cps
Vanadium	51-2	3	13	10	9	57.30	cps
Yttrium	89-2	670906	677182	676747	674945	0.52	cps
Yttrium	89-1	4467786	4546970	4506739	4507165	0.88	cps
Zinc	66-2	90	97	63	83	21.17	cps
Zirconium	90-1	658	600	717	658	8.86	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	PB96648BL	Instrumnet Name :	P7
Client Sample ID :	PB96648BL	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:45:01	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	192	125	164	21.17	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	PB96648BS	Instrumnet Name :	P7
Client Sample ID :	PB96648BS	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:48:35	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	8	8	11	43.34	cps
Antimony	121-1	650	658	900	736	19.29	cps
Arsenic	75-2	17	15	15	15	6.96	cps
Barium	135-1	42	33	58	44	28.65	cps
Barium	137-1	58	75	83	72	17.62	cps
Beryllium	9-1	17	22	17	19	17.30	cps
Bismuth	209-1	2759215	2723283	2714443	2732314	0.87	cps
Bismuth	209-2	1781519	1799166	1814834	1798506	0.93	cps
Boron	10-1	325	358	292	325	10.26	cps
Boron	11-1	1592	1458	1325	1458	9.14	cps
Cadmium	106-1	1458	1267	1383	1370	7.05	cps
Cadmium	108-1	0	0	4	1	173.21	cps
Cadmium	111-1	1021	895	966	961	6.57	cps
Calcium	43-1	167	133	125	142	15.56	cps
Calcium	44-1	8561	8861	8219	8547	3.76	cps
Chromium	52-2	437	467	500	468	6.77	cps
Cobalt	59-2	83	83	110	92	16.70	cps
Copper	63-2	200	200	297	232	24.03	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Erbium	164-1	8	17	25	17	50.01	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-2	3	20	7	10	88.20	cps
Gadolinium	160-1	25	50	25	33	43.30	cps
Holmium	165-2	2501246	2520528	2533982	2518585	0.65	cps
Holmium	165-1	4180407	4163768	4149123	4164433	0.38	cps
Indium	115-1	3904407	3585886	3625072	3705122	4.69	cps
Indium	115-2	744176	760372	755915	753488	1.11	cps
Iron	56-2	3245	3084	3084	3137	2.97	cps
Iron	57-2	78	67	67	70	9.11	cps
Lead	206-1	1480431	1454279	1450822	1461844	1.11	cps
Lead	207-1	1329496	1316124	1312810	1319477	0.67	cps
Lead	208-1	5899126	5856587	5831661	5862458	0.58	cps
Lithium	6-1	256021	254928	254492	255147	0.31	cps
Magnesium	24-2	217	242	158	206	20.80	cps
Manganese	55-2	77	53	50	60	24.22	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	PB96648BS	Instrumnet Name :	P7
Client Sample ID :	PB96648BS	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:48:35	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	417	342	550	436	24.20	cps
Molybdenum	95-1	433	442	742	539	32.60	cps
Molybdenum	96-1	492	667	767	642	21.69	cps
Molybdenum	97-1	267	375	392	344	19.70	cps
Molybdenum	98-1	667	725	867	753	13.66	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	17	13	23	18	28.64	cps
Phosphorus	31-2	42	125	133	100	50.69	cps
Potassium	39-2	18095	18270	17227	17864	3.13	cps
Rhodium	103-2	1915673	1920840	1928173	1921562	0.33	cps
Rhodium	103-1	3845734	3802282	3774992	3807669	0.94	cps
Scandium	45-1	3319881	3313008	3293604	3308831	0.41	cps
Scandium	45-2	140862	140438	141695	140998	0.45	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	41	41	50	44	12.20	cps
Selenium	82-1	-31	39	-76	-23	-252.89	cps
Silicon	28-1	427132	423905	427626	426221	0.47	cps
Silver	109-1	25	50	33	36	35.25	cps
Silver	107-1	50	58	50	53	9.12	cps
Sodium	23-2	9228	9995	10020	9748	4.62	cps
Strontium	86-1	508	467	542	506	7.43	cps
Strontium	88-1	175	267	200	214	22.15	cps
Sulfur	34-1	318902	318868	314155	317308	0.86	cps
Terbium	159-1	4360988	4395790	4377281	4378020	0.40	cps
Terbium	159-2	2532041	2554893	2559221	2548718	0.57	cps
Thallium	203-1	83	33	50	56	45.83	cps
Thallium	205-1	100	50	100	83	34.64	cps
Tin	118-1	650	717	725	697	5.90	cps
Titanium	47-1	58	75	100	78	26.96	cps
Uranium	238-1	25	17	67	36	74.18	cps
Vanadium	51-2	7	7	23	12	78.69	cps
Yttrium	89-2	666845	677009	676712	673522	0.86	cps
Yttrium	89-1	4477956	4492729	4519366	4496683	0.47	cps
Zinc	66-2	90	93	93	92	2.09	cps
Zirconium	90-1	633	533	558	575	9.05	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	PB96648BS	Instrumnet Name :	P7
Client Sample ID :	PB96648BS	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:48:35	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125	100	117	114	11.18	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	I1672-01	Instrumnet Name :	P7
Client Sample ID :	MG9S94	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:52:09	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158	75	92	108	40.71	cps
Antimony	121-1	792	767	833	797	4.22	cps
Arsenic	75-2	17	19	31	22	36.31	cps
Barium	135-1	7811	7461	7602	7625	2.31	cps
Barium	137-1	13032	13115	13148	13098	0.46	cps
Beryllium	9-1	28	17	56	33	60.09	cps
Bismuth	209-1	2942712	2932906	2926025	2933881	0.29	cps
Bismuth	209-2	1888238	1892152	1879485	1886625	0.34	cps
Boron	10-1	108973	108940	110359	109424	0.74	cps
Boron	11-1	612533	615034	618070	615213	0.45	cps
Cadmium	106-1	1425	1617	1575	1539	6.55	cps
Cadmium	108-1	4	17	8	10	65.47	cps
Cadmium	111-1	1020	1149	1118	1096	6.17	cps
Calcium	43-1	808	1042	800	883	15.53	cps
Calcium	44-1	17436	17294	18304	17678	3.09	cps
Chromium	52-2	587	650	530	589	10.19	cps
Cobalt	59-2	103	87	77	89	15.16	cps
Copper	63-2	6065	6355	6215	6211	2.34	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Erbium	164-1	25	33	25	28	17.31	cps
Erbium	164-2	3	7	10	7	50.03	cps
Gadolinium	160-2	10	13	17	13	25.01	cps
Gadolinium	160-1	0	33	17	17	99.99	cps
Holmium	165-2	2642194	2641515	2632817	2638842	0.20	cps
Holmium	165-1	4555238	4572774	4551642	4559885	0.25	cps
Indium	115-1	3962834	4006703	4026745	3998761	0.82	cps
Indium	115-2	793606	792569	791748	792641	0.12	cps
Iron	56-2	11761	11655	12344	11920	3.11	cps
Iron	57-2	272	278	317	289	8.38	cps
Lead	206-1	2084	1967	1839	1963	6.23	cps
Lead	207-1	1911	1800	1495	1735	12.44	cps
Lead	208-1	8801	7834	6895	7844	12.15	cps
Lithium	6-1	269946	267906	267553	268468	0.48	cps
Magnesium	24-2	875	975	783	878	10.92	cps
Manganese	55-2	520	643	527	563	12.31	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	I1672-01	Instrumnet Name :	P7
Client Sample ID :	MG9S94	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:52:09	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	317	375	450	381	17.57	cps
Molybdenum	95-1	292	408	525	408	28.57	cps
Molybdenum	96-1	292	483	608	461	34.59	cps
Molybdenum	97-1	108	258	342	236	50.08	cps
Molybdenum	98-1	508	525	800	611	26.80	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	110	120	107	112	6.18	cps
Phosphorus	31-2	75	125	58	86	40.29	cps
Potassium	39-2	22109	22184	22242	22178	0.30	cps
Rhodium	103-2	2039944	2048882	2049367	2046064	0.26	cps
Rhodium	103-1	3900397	3953677	3939320	3931132	0.70	cps
Scandium	45-1	3539270	3522619	3523087	3528325	0.27	cps
Scandium	45-2	149570	149445	148751	149255	0.30	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	50	28	41	40	28.25	cps
Selenium	82-1	-12	-35	-28	-25	-46.51	cps
Silicon	28-1	7897322	7889157	7767677	7851385	0.92	cps
Silver	109-1	2734	2709	2800	2748	1.72	cps
Silver	107-1	2950	2867	2875	2898	1.58	cps
Sodium	23-2	70458	70708	69922	70363	0.57	cps
Strontium	86-1	667	917	667	750	19.25	cps
Strontium	88-1	1817	1634	1708	1720	5.36	cps
Sulfur	34-1	315618	311686	313934	313746	0.63	cps
Terbium	159-1	4827164	4788491	4834709	4816788	0.51	cps
Terbium	159-2	2682395	2674878	2659142	2672138	0.44	cps
Thallium	203-1	125	108	50	94	41.70	cps
Thallium	205-1	358	175	133	222	53.87	cps
Tin	118-1	642	817	675	711	13.07	cps
Titanium	47-1	258	183	142	194	30.41	cps
Uranium	238-1	25	25	25	25	0.00	cps
Vanadium	51-2	33	67	23	41	55.20	cps
Yttrium	89-2	706940	704784	705873	705866	0.15	cps
Yttrium	89-1	4916044	4940100	4950529	4935558	0.36	cps
Zinc	66-2	1060	1197	1067	1108	6.96	cps
Zirconium	90-1	575	583	583	581	0.83	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	I1672-01	Instrumnet Name :	P7
Client Sample ID :	MG9S94	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:52:09	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125	150	142	139	9.16	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	I1636-01	Instrumnet Name :	P7
Client Sample ID :	Q013BSCRC-3-33.1F-03	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:55:41	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	275	317	292	294	7.12	cps
Antimony	121-1	650	542	650	614	10.19	cps
Arsenic	75-2	61	43	70	58	24.38	cps
Barium	135-1	18254	18388	18646	18429	1.08	cps
Barium	137-1	31361	31244	31654	31420	0.67	cps
Beryllium	9-1	11	28	17	19	45.83	cps
Bismuth	209-1	2951964	2949556	2944168	2948563	0.14	cps
Bismuth	209-2	1917275	1925644	1945236	1929385	0.74	cps
Boron	10-1	2950	2817	2242	2670	14.10	cps
Boron	11-1	15317	14708	14132	14719	4.03	cps
Cadmium	106-1	1533	1617	1542	1564	2.94	cps
Cadmium	108-1	17	25	13	18	35.25	cps
Cadmium	111-1	1116	1173	1141	1143	2.48	cps
Calcium	43-1	115557	117633	117554	116914	1.01	cps
Calcium	44-1	1854828	1852889	1860941	1856219	0.23	cps
Chromium	52-2	350	377	363	363	3.67	cps
Cobalt	59-2	160	137	133	143	10.13	cps
Copper	63-2	3247752	3267647	3299340	3271580	0.80	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Erbium	164-1	25	25	25	25	0.00	cps
Erbium	164-2	7	3	10	7	50.03	cps
Gadolinium	160-2	27	13	23	21	32.88	cps
Gadolinium	160-1	42	33	17	31	41.66	cps
Holmium	165-2	2677705	2698779	2724015	2700166	0.86	cps
Holmium	165-1	4654190	4636035	4595206	4628477	0.65	cps
Indium	115-1	4020115	4004623	3985870	4003536	0.43	cps
Indium	115-2	800255	806304	809468	805342	0.58	cps
Iron	56-2	40401	42041	41492	41312	2.02	cps
Iron	57-2	967	861	1056	961	10.13	cps
Lead	206-1	1561	1711	1728	1667	5.51	cps
Lead	207-1	1306	1450	1406	1387	5.33	cps
Lead	208-1	6545	6456	6251	6417	2.35	cps
Lithium	6-1	268606	268484	263646	266912	1.06	cps
Magnesium	24-2	177150	177101	179336	177862	0.72	cps
Manganese	55-2	4107	3917	4387	4137	5.72	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	I1636-01	Instrumnet Name :	P7
Client Sample ID :	Q013BSCRC-3-33.1F-03	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:55:41	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	392	508	525	475	15.29	cps
Molybdenum	95-1	358	367	467	397	15.18	cps
Molybdenum	96-1	500	483	533	506	5.04	cps
Molybdenum	97-1	167	283	333	261	32.76	cps
Molybdenum	98-1	525	700	867	697	24.51	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	2337	2297	2427	2354	2.83	cps
Phosphorus	31-2	1150	1175	1058	1128	5.45	cps
Potassium	39-2	90551	90315	91414	90760	0.64	cps
Rhodium	103-2	2056950	2050673	2083576	2063733	0.85	cps
Rhodium	103-1	3975402	4013654	4010807	3999955	0.53	cps
Scandium	45-1	3604087	3571365	3576942	3584131	0.49	cps
Scandium	45-2	152781	151384	151808	151991	0.47	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	22	46	43	37	35.01	cps
Selenium	82-1	20	-40	13	-2	-1334.07	cps
Silicon	28-1	3482409	3434385	3396405	3437733	1.25	cps
Silver	109-1	125	117	175	139	22.72	cps
Silver	107-1	175	150	92	139	30.79	cps
Sodium	23-2	2067668	2063996	2091594	2074419	0.72	cps
Strontium	86-1	38987	38051	38803	38614	1.28	cps
Strontium	88-1	326337	325019	318659	323338	1.27	cps
Sulfur	34-1	350476	354244	353460	352727	0.56	cps
Terbium	159-1	4959977	4955366	4879627	4931657	0.91	cps
Terbium	159-2	2727571	2726253	2773037	2742287	0.97	cps
Thallium	203-1	33	25	33	31	15.74	cps
Thallium	205-1	100	58	108	89	30.13	cps
Tin	118-1	275	317	350	314	11.97	cps
Titanium	47-1	350	367	308	342	8.79	cps
Uranium	238-1	133	50	83	89	47.19	cps
Vanadium	51-2	53	33	57	48	26.42	cps
Yttrium	89-2	723092	720364	728413	723957	0.57	cps
Yttrium	89-1	5033915	5037493	4985265	5018891	0.58	cps
Zinc	66-2	84130	83812	85123	84355	0.81	cps
Zirconium	90-1	683	792	875	783	12.27	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	I1636-01	Instrumnet Name :	P7
Client Sample ID :	Q013BSCRC-3-33.1F-03	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:55:41	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	167	167	142	158	9.12	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	I1636-02	Instrumnet Name :	P7
Client Sample ID :	Q013BSCL000041.1F-03	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:59:15	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	333	450	392	392	14.89	cps
Antimony	121-1	883	900	1033	939	8.76	cps
Arsenic	75-2	56	37	41	44	22.05	cps
Barium	135-1	17762	18154	17795	17904	1.22	cps
Barium	137-1	30292	30167	30393	30284	0.37	cps
Beryllium	9-1	39	22	22	28	34.65	cps
Bismuth	209-1	2969824	2923010	2913400	2935411	1.03	cps
Bismuth	209-2	1913869	1843987	1934992	1897616	2.51	cps
Boron	10-1	1283	1375	1400	1353	4.54	cps
Boron	11-1	8019	7877	7260	7719	5.23	cps
Cadmium	106-1	1692	1784	1400	1625	12.32	cps
Cadmium	108-1	42	33	50	42	20.00	cps
Cadmium	111-1	1509	1542	1220	1424	12.44	cps
Calcium	43-1	118791	116817	115732	117113	1.32	cps
Calcium	44-1	1884623	1868058	1889140	1880607	0.59	cps
Chromium	52-2	587	530	647	588	9.93	cps
Cobalt	59-2	550	543	603	566	5.82	cps
Copper	63-2	2618550	2646656	2619100	2628102	0.61	cps
Dysprosium	156-2	7	3	13	8	65.47	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Erbium	164-1	50	42	17	36	48.03	cps
Erbium	164-2	13	0	7	7	99.98	cps
Gadolinium	160-2	7	10	13	10	33.30	cps
Gadolinium	160-1	42	8	33	28	62.46	cps
Holmium	165-2	2673818	2564509	2705866	2648065	2.80	cps
Holmium	165-1	4608907	4562508	4555757	4575724	0.63	cps
Indium	115-1	3971307	3971294	3939325	3960642	0.47	cps
Indium	115-2	794544	759024	799914	784494	2.83	cps
Iron	56-2	60023	59961	60564	60183	0.55	cps
Iron	57-2	1583	1522	1483	1530	3.30	cps
Lead	206-1	16917	16755	17312	16995	1.68	cps
Lead	207-1	14208	14052	14380	14214	1.16	cps
Lead	208-1	65843	65737	65748	65776	0.09	cps
Lithium	6-1	265636	259720	260830	262062	1.20	cps
Magnesium	24-2	179739	180618	176502	178953	1.21	cps
Manganese	55-2	12372	12392	12209	12324	0.82	cps

LB Number : LB85890 Operator : Jaswal
 Lab Sample ID : I1636-02 Instrumnet Name : P7
 Client Sample ID : Q013BSCL000041.1F-03 Dilution Factor : 1
 Date & Time Acquired :: 2017-02-16 16:59:15 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	667	817	750	744	10.09	cps
Molybdenum	95-1	258	358	400	339	21.48	cps
Molybdenum	96-1	400	442	492	444	10.33	cps
Molybdenum	97-1	192	233	350	258	31.77	cps
Molybdenum	98-1	417	525	692	544	25.44	cps
Neodymium	150-1	20	7	0	9	114.55	cps
Neodymium	150-2	0	17	0	6	173.21	cps
Nickel	60-2	73363	75791	74927	74693	1.65	cps
Phosphorus	31-2	192	225	217	211	8.22	cps
Potassium	39-2	90895	92487	92505	91962	1.01	cps
Rhodium	103-2	2044450	1952047	2049207	2015235	2.72	cps
Rhodium	103-1	3945740	3935210	3930952	3937301	0.19	cps
Scandium	45-1	3570414	3541990	3539197	3550533	0.49	cps
Scandium	45-2	150902	143968	150566	148479	2.63	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	44	43	35	41	12.01	cps
Selenium	82-1	108	74	7	63	82.03	cps
Silicon	28-1	3055668	3045614	3048538	3049940	0.17	cps
Silver	109-1	42	117	125	94	48.60	cps
Silver	107-1	183	150	133	156	16.37	cps
Sodium	23-2	2210352	2209698	2197734	2205928	0.32	cps
Strontium	86-1	37458	38076	36405	37313	2.26	cps
Strontium	88-1	317936	317191	317393	317507	0.12	cps
Sulfur	34-1	347553	351192	349274	349340	0.52	cps
Terbium	159-1	4890846	4858281	4837935	4862354	0.55	cps
Terbium	159-2	2712217	2579901	2727066	2673061	3.03	cps
Thallium	203-1	75	75	58	69	13.85	cps
Thallium	205-1	242	175	242	219	17.54	cps
Tin	118-1	3217	3359	3409	3328	2.99	cps
Titanium	47-1	183	167	167	172	5.59	cps
Uranium	238-1	58	67	67	64	7.53	cps
Vanadium	51-2	17	30	33	27	33.06	cps
Yttrium	89-2	713307	680466	715720	703164	2.80	cps
Yttrium	89-1	4967941	4985020	4914688	4955883	0.74	cps
Zinc	66-2	133359	135188	132390	133646	1.06	cps
Zirconium	90-1	1458	1400	1467	1442	2.52	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	I1636-02	Instrumnet Name :	P7
Client Sample ID :	Q013BSCL000041.1F-03	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 16:59:15	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	342	233	442	339	30.75	cps

LB Number : LB85890 Operator : Jaswal
 Lab Sample ID : I1636-03 Instrumnet Name : P7
 Client Sample ID : Q013BSGB00075B.1F-0: Dilution Factor : 1
 Date & Time Acquired :: 2017-02-16 17:02:49 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	442	450	708	533	28.43	cps
Antimony	121-1	633	633	608	625	2.31	cps
Arsenic	75-2	70	72	59	67	10.42	cps
Barium	135-1	22210	22995	22244	22483	1.97	cps
Barium	137-1	38003	37259	38479	37914	1.62	cps
Beryllium	9-1	22	11	33	22	50.00	cps
Bismuth	209-1	2941939	2901965	2887751	2910551	0.97	cps
Bismuth	209-2	1890507	1901772	1900975	1897751	0.33	cps
Boron	10-1	1342	1292	1367	1333	2.86	cps
Boron	11-1	7260	7636	7335	7410	2.68	cps
Cadmium	106-1	1450	1575	1508	1511	4.14	cps
Cadmium	108-1	0	17	13	10	89.22	cps
Cadmium	111-1	1032	1099	1056	1062	3.22	cps
Calcium	43-1	119421	117447	115809	117559	1.54	cps
Calcium	44-1	1885385	1876738	1862651	1874925	0.61	cps
Chromium	52-2	443	560	550	518	12.49	cps
Cobalt	59-2	543	473	473	497	8.14	cps
Copper	63-2	522426	522618	523910	522985	0.15	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Dysprosium	156-1	25	42	33	33	25.01	cps
Erbium	164-1	33	8	8	17	86.62	cps
Erbium	164-2	17	17	33	22	43.28	cps
Gadolinium	160-2	17	10	17	14	26.66	cps
Gadolinium	160-1	8	83	25	39	101.28	cps
Holmium	165-2	2662096	2672049	2669725	2667956	0.20	cps
Holmium	165-1	4615507	4585033	4567481	4589340	0.53	cps
Indium	115-1	3997927	3984470	3978170	3986856	0.25	cps
Indium	115-2	799402	791937	799913	797084	0.56	cps
Iron	56-2	52330	44234	45206	47257	9.35	cps
Iron	57-2	1211	1150	1239	1200	3.79	cps
Lead	206-1	1228	1328	1445	1333	8.13	cps
Lead	207-1	1245	1039	1072	1119	9.86	cps
Lead	208-1	5428	5078	5112	5206	3.71	cps
Lithium	6-1	266045	268328	265636	266669	0.54	cps
Magnesium	24-2	189743	186049	184657	186817	1.41	cps
Manganese	55-2	12836	12726	13019	12860	1.15	cps

LB Number : LB85890 Operator : Jaswal
 Lab Sample ID : I1636-03 Instrumnet Name : P7
 Client Sample ID : Q013BSGB00075B.1F-0: Dilution Factor : 1
 Date & Time Acquired :: 2017-02-16 17:02:49 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	700	533	658	631	13.76	cps
Molybdenum	95-1	283	300	367	317	13.93	cps
Molybdenum	96-1	342	442	567	450	25.05	cps
Molybdenum	97-1	183	233	250	222	15.61	cps
Molybdenum	98-1	525	500	742	589	22.57	cps
Neodymium	150-1	27	13	27	22	34.66	cps
Neodymium	150-2	17	23	7	16	53.90	cps
Nickel	60-2	973	993	953	973	2.05	cps
Phosphorus	31-2	2100	1825	1925	1950	7.14	cps
Potassium	39-2	90082	88304	90919	89768	1.49	cps
Rhodium	103-2	2043353	2044459	2037041	2041618	0.20	cps
Rhodium	103-1	3936845	3957564	3955000	3949803	0.29	cps
Scandium	45-1	3585062	3540988	3519927	3548659	0.94	cps
Scandium	45-2	149643	150296	150991	150310	0.45	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	41	52	30	41	27.27	cps
Selenium	82-1	-47	74	19	15	398.70	cps
Silicon	28-1	3716437	3686812	3674095	3692448	0.59	cps
Silver	109-1	50	83	108	81	36.33	cps
Silver	107-1	133	100	50	94	44.41	cps
Sodium	23-2	2151636	2160545	2140825	2151002	0.46	cps
Strontium	86-1	38511	39296	38010	38606	1.68	cps
Strontium	88-1	330837	328262	323501	327533	1.14	cps
Sulfur	34-1	354789	358603	357342	356911	0.54	cps
Terbium	159-1	4897869	4907524	4866284	4890559	0.44	cps
Terbium	159-2	2691348	2702479	2703410	2699079	0.25	cps
Thallium	203-1	58	33	17	36	58.08	cps
Thallium	205-1	117	83	92	97	17.84	cps
Tin	118-1	258	283	308	283	8.82	cps
Titanium	47-1	542	500	575	539	6.97	cps
Uranium	238-1	133	142	167	147	11.79	cps
Vanadium	51-2	63	67	73	68	7.51	cps
Yttrium	89-2	718593	716074	708676	714448	0.72	cps
Yttrium	89-1	4997264	4978741	4947854	4974620	0.50	cps
Zinc	66-2	16960	17354	17464	17259	1.53	cps
Zirconium	90-1	958	1008	1233	1067	13.73	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	I1636-03	Instrumnet Name :	P7
Client Sample ID :	Q013BSGB00075B.1F-0:	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 17:02:49	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	283	192	275	250	20.27	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	I1636-04	Instrumnet Name :	P7
Client Sample ID :	Q013BSGB000081.1F-04	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 17:06:21	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	892	875	1025	931	8.84	cps
Antimony	121-1	542	358	492	464	20.43	cps
Arsenic	75-2	78	50	74	67	22.42	cps
Barium	135-1	21901	22394	21860	22052	1.35	cps
Barium	137-1	37811	37318	37568	37566	0.66	cps
Beryllium	9-1	17	11	33	20	56.76	cps
Bismuth	209-1	2949360	2959322	2908139	2938941	0.92	cps
Bismuth	209-2	1887921	1913505	1909070	1903499	0.72	cps
Boron	10-1	1200	1200	1042	1147	7.97	cps
Boron	11-1	6327	6268	6327	6307	0.53	cps
Cadmium	106-1	1642	1767	1583	1664	5.63	cps
Cadmium	108-1	42	33	33	36	13.33	cps
Cadmium	111-1	1162	1284	1139	1195	6.53	cps
Calcium	43-1	121671	120487	120749	120969	0.51	cps
Calcium	44-1	1938197	1917179	1908169	1921182	0.80	cps
Chromium	52-2	480	500	460	480	4.17	cps
Cobalt	59-2	567	550	570	562	1.91	cps
Copper	63-2	702920	703853	703851	703541	0.08	cps
Dysprosium	156-2	3	7	13	8	65.47	cps
Dysprosium	156-1	25	25	58	36	53.30	cps
Erbium	164-1	50	58	17	42	52.91	cps
Erbium	164-2	13	13	17	14	13.35	cps
Gadolinium	160-2	23	30	33	29	17.63	cps
Gadolinium	160-1	42	50	17	36	48.03	cps
Holmium	165-2	2672461	2705640	2686263	2688121	0.62	cps
Holmium	165-1	4677842	4636097	4629911	4647950	0.56	cps
Indium	115-1	4028999	4044696	3995083	4022926	0.63	cps
Indium	115-2	797271	803203	798448	799641	0.39	cps
Iron	56-2	244666	247163	246806	246212	0.55	cps
Iron	57-2	5885	6352	6302	6179	4.15	cps
Lead	206-1	5957	5890	6185	6011	2.57	cps
Lead	207-1	5201	4718	4957	4958	4.88	cps
Lead	208-1	24393	22458	23025	23292	4.27	cps
Lithium	6-1	267668	264742	264049	265486	0.72	cps
Magnesium	24-2	191440	196218	192369	193342	1.31	cps
Manganese	55-2	38998	39302	39526	39276	0.67	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	I1636-04	Instrumnet Name :	P7
Client Sample ID :	Q013BSGB000081.1F-04	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 17:06:21	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	467	375	333	392	17.42	cps
Molybdenum	95-1	333	367	475	392	18.91	cps
Molybdenum	96-1	458	408	508	458	10.91	cps
Molybdenum	97-1	192	158	242	197	21.27	cps
Molybdenum	98-1	483	533	550	522	6.64	cps
Neodymium	150-1	20	67	33	40	60.10	cps
Neodymium	150-2	10	17	3	10	66.70	cps
Nickel	60-2	19540	19316	19123	19326	1.08	cps
Phosphorus	31-2	1625	1675	1859	1720	7.15	cps
Potassium	39-2	93887	93485	92395	93255	0.83	cps
Rhodium	103-2	2040702	2060140	2063663	2054835	0.60	cps
Rhodium	103-1	4027013	3976333	3970224	3991190	0.78	cps
Scandium	45-1	3619404	3600268	3559207	3592960	0.86	cps
Scandium	45-2	151910	151801	151219	151643	0.24	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	35	50	37	41	19.81	cps
Selenium	82-1	4	41	34	26	74.98	cps
Silicon	28-1	3849827	3854159	3903172	3869053	0.77	cps
Silver	109-1	92	67	117	92	27.27	cps
Silver	107-1	83	133	133	117	24.74	cps
Sodium	23-2	2230511	2248820	2225850	2235061	0.54	cps
Strontium	86-1	39330	39622	38043	38998	2.15	cps
Strontium	88-1	338536	333582	330597	334238	1.20	cps
Sulfur	34-1	359962	356446	354884	357097	0.73	cps
Terbium	159-1	4923270	4922419	4907336	4917675	0.18	cps
Terbium	159-2	2709578	2738067	2723707	2723784	0.52	cps
Thallium	203-1	83	58	83	75	19.24	cps
Thallium	205-1	175	150	158	161	7.90	cps
Tin	118-1	308	392	458	386	19.46	cps
Titanium	47-1	867	958	833	886	7.31	cps
Uranium	238-1	175	183	175	178	2.71	cps
Vanadium	51-2	83	163	70	106	47.82	cps
Yttrium	89-2	712222	717210	721042	716824	0.62	cps
Yttrium	89-1	5044866	5044441	4983242	5024183	0.71	cps
Zinc	66-2	193047	194297	194813	194052	0.47	cps
Zirconium	90-1	742	775	892	803	9.81	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	I1636-04	Instrumnet Name :	P7
Client Sample ID :	Q013BSGB000081.1F-04	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 17:06:21	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	192	183	133	169	18.62	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	CCV097	Instrumnet Name :	P7
Client Sample ID :	CCV097	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 17:09:54	DataFile Name :	027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	465626	467178	464009	465604	0.34	cps
Antimony	121-1	2265595	2264035	2258584	2262738	0.16	cps
Arsenic	75-2	88202	89389	87405	88332	1.13	cps
Barium	135-1	2763333	2754781	2758750	2758954	0.16	cps
Barium	137-1	4805639	4773272	4784234	4787715	0.34	cps
Beryllium	9-1	312452	314064	311694	312737	0.39	cps
Bismuth	209-1	2730360	2741816	2731427	2734534	0.23	cps
Bismuth	209-2	1767502	1774680	1780448	1774210	0.37	cps
Boron	10-1	50828	50719	52266	51271	1.68	cps
Boron	11-1	274486	278461	283590	278846	1.64	cps
Cadmium	106-1	62849	63953	63601	63468	0.89	cps
Cadmium	108-1	41582	41390	42100	41690	0.88	cps
Cadmium	111-1	554291	556207	557655	556051	0.30	cps
Calcium	43-1	860485	870773	863969	865076	0.60	cps
Calcium	44-1	13399300	13576566	13537198	13504355	0.69	cps
Chromium	52-2	852249	854164	855112	853842	0.17	cps
Cobalt	59-2	1306390	1321910	1307653	1311984	0.66	cps
Copper	63-2	1770495	1785745	1780036	1778759	0.43	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Dysprosium	156-1	33	25	42	33	25.01	cps
Erbium	164-1	8	17	17	14	34.67	cps
Erbium	164-2	10	13	10	11	17.30	cps
Gadolinium	160-2	0	23	17	13	90.13	cps
Gadolinium	160-1	83	17	0	33	132.28	cps
Holmium	165-2	2546008	2575390	2565658	2562352	0.58	cps
Holmium	165-1	4203000	4258569	4261168	4240913	0.77	cps
Indium	115-1	3591039	3602722	3583068	3592276	0.28	cps
Indium	115-2	738495	741047	741169	740237	0.20	cps
Iron	56-2	30049760	30520801	30010999	30193853	0.94	cps
Iron	57-2	800392	804670	797235	800766	0.47	cps
Lead	206-1	1430598	1439431	1437371	1435800	0.32	cps
Lead	207-1	1321296	1322909	1325515	1323240	0.16	cps
Lead	208-1	5809677	5848705	5819319	5825900	0.35	cps
Lithium	6-1	244779	244976	242702	244152	0.52	cps
Magnesium	24-2	6048157	6010776	5961538	6006824	0.72	cps
Manganese	55-2	852902	854332	854934	854056	0.12	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	CCV097	Instrumnet Name :	P7
Client Sample ID :	CCV097	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 17:09:54	DataFile Name :	027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2365437	2368323	2372353	2368704	0.15	cps
Molybdenum	95-1	1263437	1267007	1261835	1264093	0.21	cps
Molybdenum	96-1	1619750	1619121	1610835	1616569	0.31	cps
Molybdenum	97-1	790303	793067	789253	790874	0.25	cps
Molybdenum	98-1	1995794	2002172	2004235	2000734	0.22	cps
Neodymium	150-1	133	180	127	147	19.81	cps
Neodymium	150-2	23	10	10	14	53.28	cps
Nickel	60-2	343826	349297	346058	346394	0.79	cps
Phosphorus	31-2	26883	27100	26441	26808	1.25	cps
Potassium	39-2	2752258	2771379	2763023	2762220	0.35	cps
Rhodium	103-2	1884407	1900095	1903207	1895903	0.53	cps
Rhodium	103-1	3787354	3820964	3805222	3804514	0.44	cps
Scandium	45-1	3350419	3371988	3346371	3356259	0.41	cps
Scandium	45-2	143254	144776	141750	143260	1.06	cps
Selenium	77-2	1463	1477	1493	1478	1.02	cps
Selenium	78-2	5212	5249	5321	5261	1.06	cps
Selenium	82-1	39396	39491	39242	39376	0.32	cps
Silicon	28-1	2528601	2581957	2578338	2562965	1.16	cps
Silver	109-1	2526090	2524391	2520262	2523581	0.12	cps
Silver	107-1	2639025	2671446	2657031	2655834	0.61	cps
Sodium	23-2	11729842	11813378	11609254	11717491	0.88	cps
Strontium	86-1	916739	925417	923390	921849	0.49	cps
Strontium	88-1	7739812	7703887	7705377	7716359	0.26	cps
Sulfur	34-1	593978	593441	590332	592584	0.33	cps
Terbium	159-1	4516846	4516399	4541787	4525011	0.32	cps
Terbium	159-2	2568551	2585114	2581872	2578512	0.34	cps
Thallium	203-1	1769477	1758303	1754850	1760876	0.43	cps
Thallium	205-1	4081958	4125017	4112091	4106356	0.54	cps
Tin	118-1	1818802	1818412	1820149	1819121	0.05	cps
Titanium	47-1	423567	427549	424389	425168	0.49	cps
Uranium	238-1	6476033	6481436	6476424	6477964	0.05	cps
Vanadium	51-2	722521	725311	723005	723612	0.21	cps
Yttrium	89-2	679984	680693	681455	680711	0.11	cps
Yttrium	89-1	4617950	4639050	4622579	4626526	0.24	cps
Zinc	66-2	226353	227026	226852	226744	0.15	cps
Zirconium	90-1	4575323	4629072	4582338	4595577	0.64	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	CCV097	Instrumnet Name :	P7
Client Sample ID :	CCV097	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 17:09:54	DataFile Name :	027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1022071	1020898	1021083	1021351	0.06	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	CCB097	Instrumnet Name :	P7
Client Sample ID :	CCB097	Dilution Factor :	1
Date & Time Acquired ::	2017-02-16 17:13:24	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	33	17	22	43.28	cps
Antimony	121-1	10571	10855	12147	11191	7.51	cps
Arsenic	75-2	122	119	139	127	8.58	cps
Barium	135-1	208	183	175	189	9.18	cps
Barium	137-1	225	258	233	239	7.26	cps
Beryllium	9-1	94	44	56	65	40.50	cps
Bismuth	209-1	2782272	2768195	2728161	2759543	1.02	cps
Bismuth	209-2	1816149	1825463	1845643	1829085	0.82	cps
Boron	10-1	1242	1200	975	1139	12.60	cps
Boron	11-1	6127	5776	5726	5876	3.71	cps
Cadmium	106-1	1609	1450	1617	1558	6.03	cps
Cadmium	108-1	4	13	13	10	49.46	cps
Cadmium	111-1	1156	1027	1140	1108	6.34	cps
Calcium	43-1	133	150	167	150	11.11	cps
Calcium	44-1	8670	8136	8061	8289	4.00	cps
Chromium	52-2	540	517	557	538	3.74	cps
Cobalt	59-2	150	103	113	122	20.10	cps
Copper	63-2	337	313	293	314	6.90	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Erbium	164-1	0	17	17	11	86.60	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-2	3	17	17	12	63.01	cps
Gadolinium	160-1	8	8	8	8	0.00	cps
Holmium	165-2	2550537	2567353	2580986	2566292	0.59	cps
Holmium	165-1	4245128	4262689	4279157	4262325	0.40	cps
Indium	115-1	3711238	3661490	3661696	3678141	0.78	cps
Indium	115-2	756253	758328	769558	761379	0.94	cps
Iron	56-2	6841	6502	6585	6642	2.66	cps
Iron	57-2	150	194	111	152	27.46	cps
Lead	206-1	733	667	583	661	11.37	cps
Lead	207-1	644	594	656	632	5.15	cps
Lead	208-1	2684	2422	2522	2543	5.18	cps
Lithium	6-1	249218	249912	244796	247975	1.12	cps
Magnesium	24-2	242	208	233	228	7.62	cps
Manganese	55-2	110	83	77	90	19.59	cps

LB Number :	LB85890	Operator :	Jaswal
Lab Sample ID :	CCB097	Instrumnet Name :	P7
Client Sample ID :	CCB097	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2059	2184	2659	2300	13.76	cps
Molybdenum	95-1	3050	3342	3884	3426	12.35	cps
Molybdenum	96-1	2867	3301	3801	3323	14.06	cps
Molybdenum	97-1	1742	1959	2275	1992	13.47	cps
Molybdenum	98-1	3917	4351	5835	4701	21.39	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	30	30	23	28	13.86	cps
Phosphorus	31-2	67	42	83	64	32.83	cps
Potassium	39-2	17386	17628	17252	17422	1.09	cps
Rhodium	103-2	1954295	1968430	1976366	1966363	0.57	cps
Rhodium	103-1	3708383	3859616	3698146	3755382	2.41	cps
Scandium	45-1	3365627	3339853	3305578	3337019	0.90	cps
Scandium	45-2	143861	143022	145247	144043	0.78	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	41	59	56	52	18.90	cps
Selenium	82-1	65	12	51	43	64.40	cps
Silicon	28-1	436922	428880	426532	430778	1.26	cps
Silver	109-1	233	292	208	244	17.49	cps
Silver	107-1	342	308	142	264	40.61	cps
Sodium	23-2	10279	10596	10195	10357	2.04	cps
Strontium	86-1	725	708	650	694	5.67	cps
Strontium	88-1	400	292	200	297	33.68	cps
Sulfur	34-1	308958	310860	308661	309493	0.39	cps
Terbium	159-1	4546421	4483483	4467160	4499021	0.93	cps
Terbium	159-2	2577791	2586875	2620471	2595046	0.87	cps
Thallium	203-1	692	575	500	589	16.40	cps
Thallium	205-1	1508	1333	1250	1364	9.67	cps
Tin	118-1	2034	2267	2550	2284	11.33	cps
Titanium	47-1	75	158	125	119	35.12	cps
Uranium	238-1	583	458	475	506	13.42	cps
Vanadium	51-2	27	20	20	22	17.33	cps
Yttrium	89-2	679832	687424	689881	685712	0.76	cps
Yttrium	89-1	4630630	4622746	4612128	4621835	0.20	cps
Zinc	66-2	73	83	93	83	12.01	cps
Zirconium	90-1	958	892	1042	964	7.80	cps

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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	208	275	300	261	18.15	cps