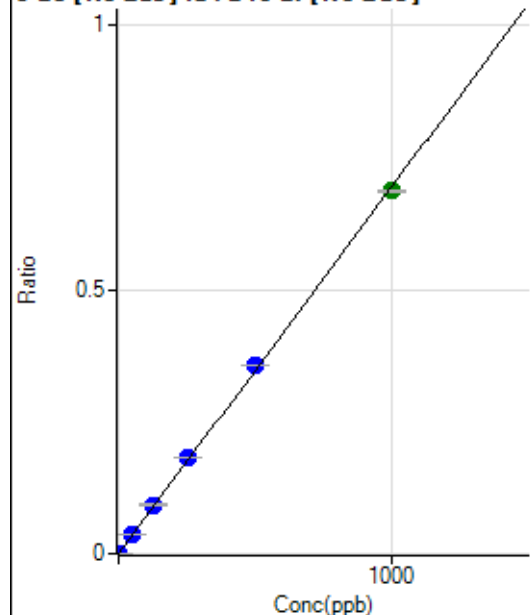


Batch Folder: D:\ICP-MS Data\P7041919-IMS.b\
Analysis File: P7041919-IMS.batch.bin
DA Date-Time: 2019-04-19 16:57:54
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-04-19 14:37:21
2			
3	005CALS.d	S02	2019-04-19 14:45:35
4	006CALS.d	S03	2019-04-19 14:49:31
5	007CALS.d	S04	2019-04-19 14:53:43
6	008CALS.d	S05	2019-04-19 14:57:31
7	009CALS.d	S06	2019-04-19 15:01:16
8	010CALS.d	S07	2019-04-19 15:05:01
9	011CALS.d	S08	2019-04-19 15:08:48

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	177.78	0.0000	P	19.6
2	☐	0.100					
3	☐	1.000	1.046	6146.90	0.0007	P	2.0
4	☐	50.000	53.892	303820.12	0.0374	P	1.4
5	☐	125.000	132.157	716864.90	0.0917	P	3.5
6	☐	250.000	261.359	1337956.66	0.1814	P	0.3
7	☐	500.000	512.402	2541474.65	0.3555	P	0.2
8	☐	1000.000	989.870	4877421.14	0.6868	A	0.2
9	☐			754.47	0.0001	P	10.6

$$y = 6.9380E-004 * x + 2.1450E-005$$

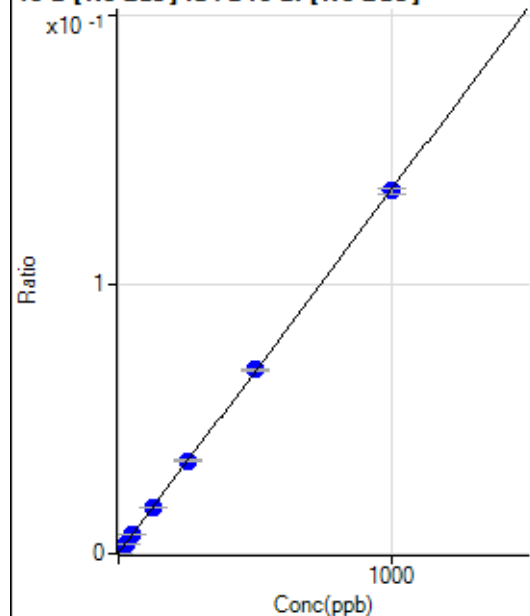
$$R = 0.9998$$

$$DL = 0.01819$$

$$BEC = 0.03092$$

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	1425.12	0.0002	P	2.8
2	☐	2.500					
3	☐	25.000	24.507	28628.08	0.0035	P	3.3
4	☐	50.000	51.508	57833.80	0.0071	P	1.5
5	☐	125.000	126.161	134434.95	0.0172	P	2.2
6	☐	250.000	254.751	254848.23	0.0345	P	1.8
7	☐	500.000	504.245	487571.42	0.0682	P	1.6
8	☐	1000.000	996.482	955991.48	0.1346	P	1.3
9	☐			41828.64	0.0065	P	9.2

$$y = 1.3492E-004 * x + 1.7205E-004$$

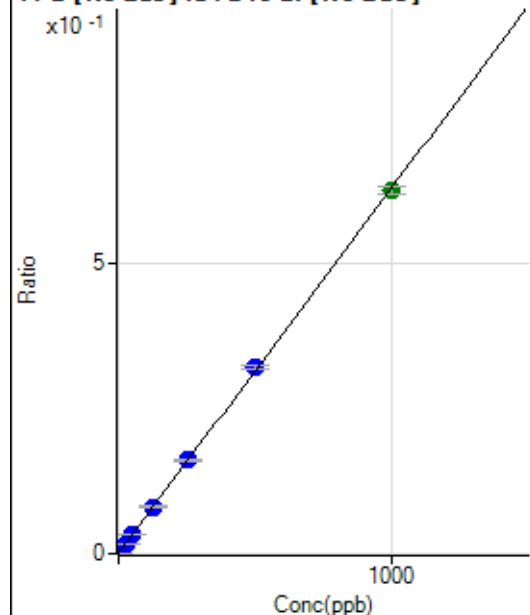
$$R = 1.0000$$

$$DL = 0.1066$$

$$BEC = 1.275$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6568.36	0.0008	P	2.7
2	☐	2.500					
3	☐	25.000	24.936	135591.16	0.0165	P	1.7
4	☐	50.000	52.175	272899.07	0.0336	P	0.9
5	☐	125.000	126.729	629289.19	0.0805	P	2.1
6	☐	250.000	255.655	1191943.95	0.1616	P	2.0
7	☐	500.000	510.787	2301908.58	0.3220	P	1.9
8	☐	1000.000	992.870	4439535.90	0.6252	A	2.1
9	☐			192094.32	0.0298	P	9.2

$$y = 6.2887\text{E-}004 * x + 7.9307\text{E-}004$$

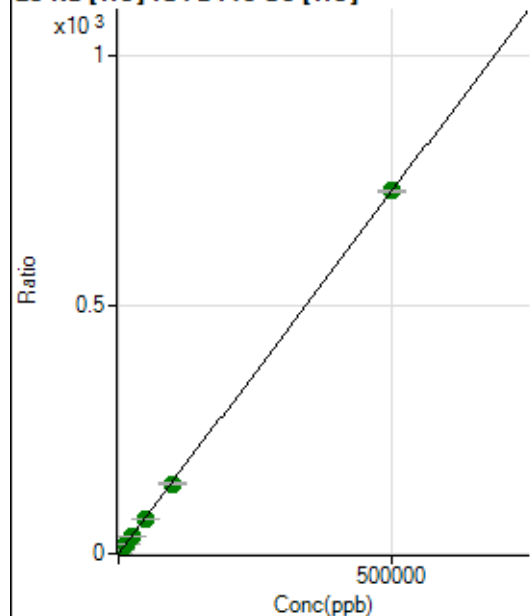
$$R = 0.9999$$

$$DL = 0.1015$$

$$BEC = 1.261$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	9870.33	0.0129	P	2.6
2	☐	50.000					
3	☐	500.000	481.958	551855.02	0.7152	P	1.2
4	☐	5000.000	4919.234	5246013.01	7.1802	A	0.5
5	☐	12500.000	12475.477	12140819.63	18.1895	A	1.3
6	☐	25000.000	24524.850	23573790.46	35.7452	A	0.4
7	☐	50000.000	48669.244	45852222.55	70.9231	A	0.6
8	☐	100000.00	96606.605	91468970.80	140.7669	A	1.0
9	☐	500000.00	500836.95	471116710.53	729.7225	A	0.6

$$y = 0.0015 * x + 0.0129$$

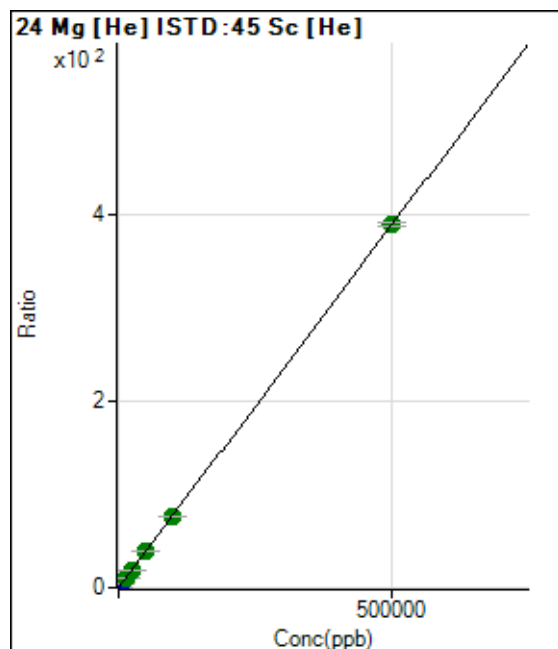
$$R = 1.0000$$

$$DL = 0.7047$$

$$BEC = 8.886$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	275.01	0.0004	P	5.2
2	☐	50.000					
3	☐	500.000	495.045	297821.15	0.3859	P	0.5
4	☐	5000.000	5070.585	2885714.06	3.9497	P	0.6
5	☐	12500.000	12716.080	6610726.84	9.9045	A	1.4
6	☐	25000.000	24991.475	12837262.01	19.4655	A	0.2
7	☐	50000.000	49351.816	24851049.17	38.4390	A	0.9
8	☐	100000.00	97744.075	49469343.12	76.1303	A	0.8
9	☐	500000.00	500510.32	251677216.74	389.8328	A	0.9

$$y = 7.7887\text{E-}004 * x + 3.6069\text{E-}004$$

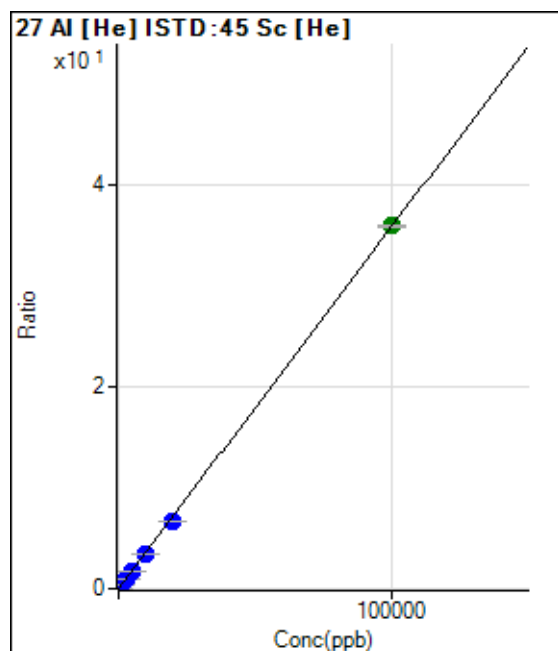
$$R = 1.0000$$

$$DL = 0.07172$$

$$BEC = 0.4631$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	77.78	0.0001	P	22.5
2	☐	2.000					
3	☐	20.000	18.671	5242.79	0.0068	P	2.0
4	☐	1000.000	969.315	253869.46	0.3475	P	0.0
5	☐	2500.000	2442.239	584246.88	0.8753	P	1.0
6	☐	5000.000	4778.167	1129275.38	1.7124	P	0.7
7	☐	10000.000	9534.119	2208893.08	3.4167	P	1.2
8	☐	20000.000	18735.803	4362802.96	6.7142	P	1.1
9	☐	100000.00	100312.27	23208081.94	35.9476	A	0.3

$$y = 3.5836\text{E-}004 * x + 1.0206\text{E-}004$$

$$R = 0.9999$$

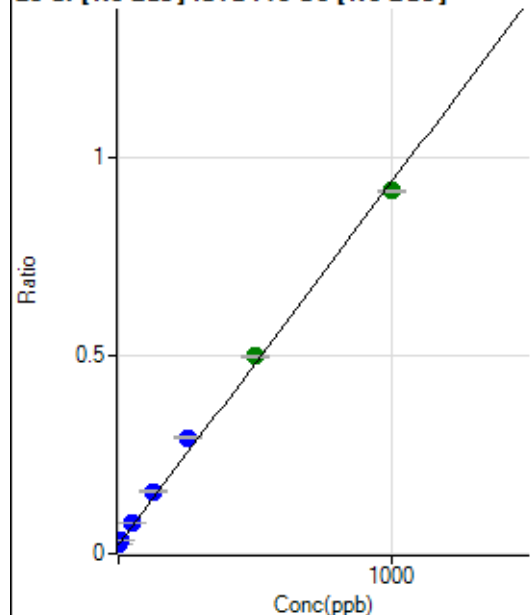
$$DL = 0.1925$$

$$BEC = 0.2848$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	360085.72	0.0230	P	0.5
2	☐	1.000					
3	☐	10.000	9.962	506252.14	0.0321	P	0.5
4	☐	50.000	60.531	1205873.78	0.0783	P	0.9
5	☐	125.000	147.175	2321614.35	0.1575	P	3.8
6	☐	250.000	294.265	4035177.91	0.2919	P	1.9
7	☐	500.000	519.357	6726155.71	0.4976	A	1.5
8	☐	1000.000	975.957	12539244.46	0.9148	A	0.6
9	☐			1511340.30	0.1195	P	1.7

$$y = 9.1381\text{E-}004 * x + 0.0230$$

$$R = 0.9985$$

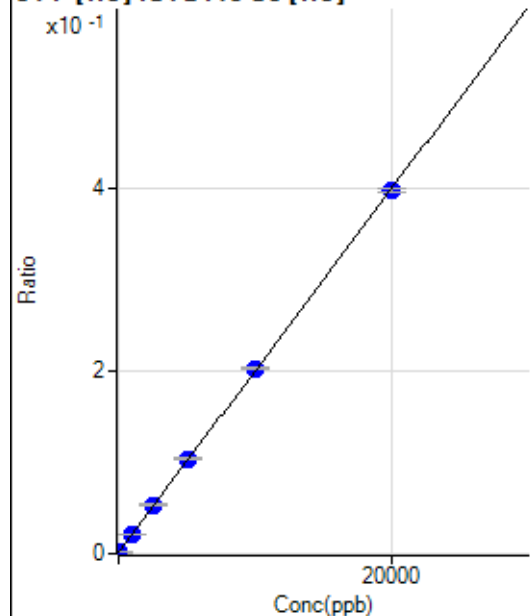
$$DL = 0.405$$

$$BEC = 25.15$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-26.750	500.03	0.0007	P	3.5
2	☐	0.000					
3	☐	0.000	26.750	1327.90	0.0017	P	11.3
4	☐	1000.000	1014.330	15639.40	0.0214	P	4.8
5	☐	2500.000	2625.906	35713.31	0.0535	P	3.1
6	☐	5000.000	5149.238	68463.12	0.1038	P	2.0
7	☐	10000.000	10122.273	131177.95	0.2029	P	1.7
8	☐	20000.000	19885.099	258272.80	0.3975	P	1.0
9	☐			619.49	0.0010	P	3.0

$$y = 1.9929\text{E-}005 * x + 0.0012$$

$$R = 0.9999$$

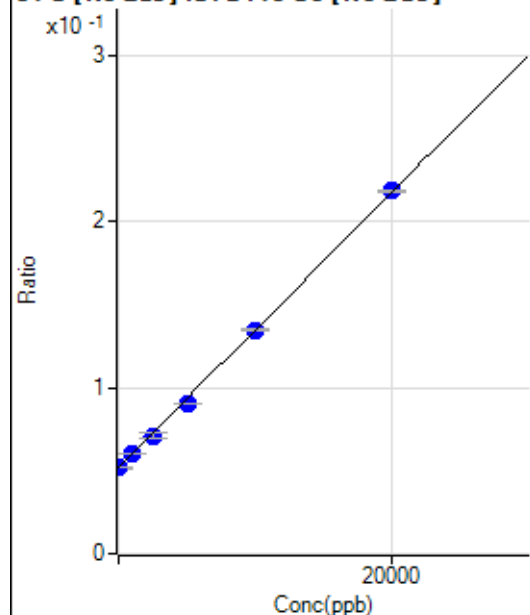
$$DL = 16.45$$

$$BEC = 59.66$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-37.425	809547.89	0.0517	P	0.8
2	☐	0.000					
3	☐	0.000	37.425	825040.85	0.0523	P	0.9
4	☐	1000.000	1005.165	928937.76	0.0603	P	0.8
5	☐	2500.000	2265.194	1042986.07	0.0708	P	4.9
6	☐	5000.000	4666.874	1253699.31	0.0907	P	0.6
7	☐	10000.000	10014.820	1825325.69	0.1350	P	0.7
8	☐	20000.000	20104.964	2997763.87	0.2187	P	0.3
9	☐			593862.49	0.0469	P	0.6

$$y = 8.2928\text{E-}006 * x + 0.0520$$

$$R = 0.9998$$

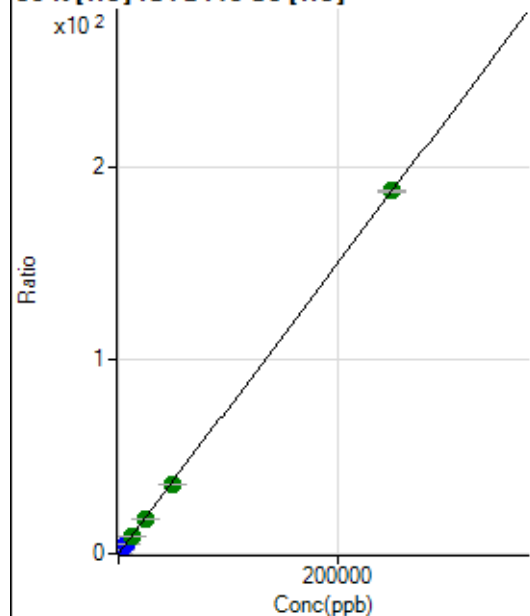
$$DL = 159.6$$

$$BEC = 6268$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	34427.01	0.0452	P	1.9
2	☐	50.000					
3	☐	500.000	473.995	308472.68	0.3997	P	0.3
4	☐	2500.000	2445.297	1369485.46	1.8744	P	0.4
5	☐	6250.000	6166.654	3108952.78	4.6582	P	1.8
6	☐	12500.000	11987.759	5943865.71	9.0128	A	0.1
7	☐	25000.000	23957.896	11616119.27	17.9673	A	0.3
8	☐	50000.000	47432.880	23086253.64	35.5282	A	0.8
9	☐	250000.00	250645.92	121080301.32	187.5454	A	0.6

$$y = 7.4807\text{E-}004 * x + 0.0452$$

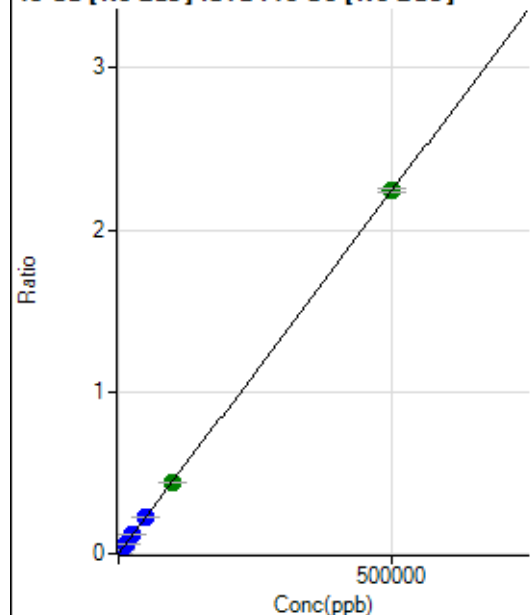
$$R = 0.9999$$

$$DL = 3.375$$

$$BEC = 60.36$$

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	447.25	0.0000	P	10.8
2	☐	50.000					
3	☐	500.000	471.630	33772.84	0.0021	P	2.2
4	☐	5000.000	5095.879	351878.72	0.0228	P	0.6
5	☐	12500.000	12631.182	834168.46	0.0566	P	4.4
6	☐	25000.000	25559.643	1582672.78	0.1145	P	1.4
7	☐	50000.000	50702.907	3069398.01	0.2271	P	1.2
8	☐	100000.00	98155.834	6024890.24	0.4395	A	0.5
9	☐	500000.00	500266.35	28336893.69	2.2401	A	1.1

$$y = 4.4778\text{E-}006 * x + 2.8548\text{E-}005$$

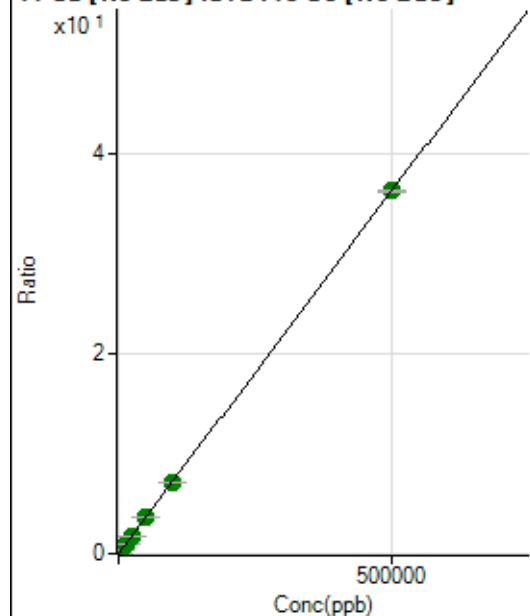
$$R = 1.0000$$

$$DL = 2.064$$

$$BEC = 6.375$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	18418.34	0.0012	P	1.0
2	☐	50.000					
3	☐	500.000	479.194	566226.60	0.0359	P	0.1
4	☐	5000.000	4967.403	5559933.29	0.3610	A	1.3
5	☐	12500.000	12290.545	13138557.67	0.8914	A	5.0
6	☐	25000.000	24934.709	24987587.88	1.8073	A	0.4
7	☐	50000.000	49533.175	48516788.93	3.5891	A	0.4
8	☐	100000.00	98300.883	97614959.13	7.1216	A	0.5
9	☐	500000.00	500395.35	458517349.14	36.2472	A	0.7

$$y = 7.2435\text{E-}005 * x + 0.0012$$

$$R = 1.0000$$

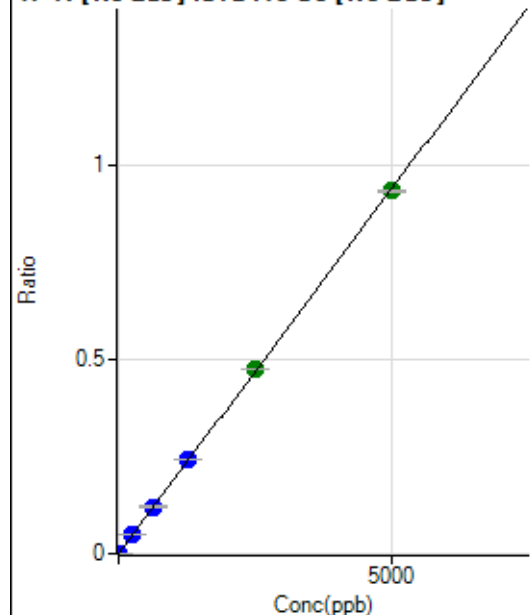
$$DL = 0.5019$$

$$BEC = 16.23$$

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	266.68	0.0000	P	9.6
2	☐	0.500					
3	☐	5.000	5.312	16006.56	0.0010	P	2.4
4	☐	250.000	255.783	740026.41	0.0480	P	0.7
5	☐	625.000	636.763	1762821.63	0.1196	P	4.4
6	☐	1250.000	1291.704	3353671.43	0.2426	P	0.8
7	☐	2500.000	2523.508	6405919.72	0.4739	A	0.3
8	☐	5000.000	4976.060	12808056.54	0.9344	A	0.2
9	☐			5140.02	0.0004	P	2.9

$$y = 1.8778\text{E-}004 * x + 1.7023\text{E-}005$$

$$R = 0.9999$$

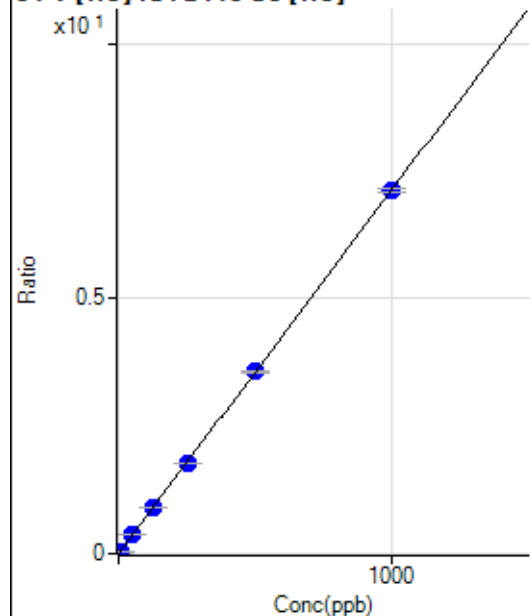
$$DL = 0.02616$$

$$BEC = 0.09065$$

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	11.11	0.0000	P	45.7
2	☐	0.500					
3	☐	5.000	5.079	27942.19	0.0362	P	0.8
4	☐	50.000	50.481	262835.34	0.3597	P	0.4
5	☐	125.000	127.683	607254.76	0.9099	P	1.8
6	☐	250.000	250.632	1177827.09	1.7860	P	0.4
7	☐	500.000	502.093	2313093.09	3.5779	P	0.9
8	☐	1000.000	998.436	4623113.47	7.1148	P	1.0
9	☐			1194.51	0.0019	P	6.0

$$y = 0.0071 * x + 1.4564\text{E-}005$$

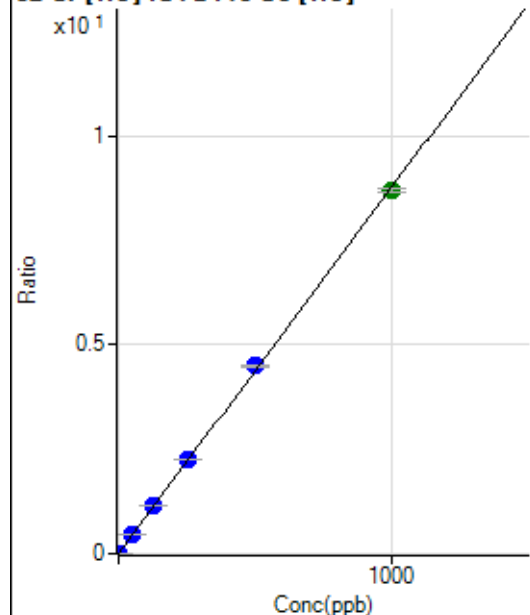
$$R = 1.0000$$

$$DL = 0.002799$$

$$BEC = 0.002044$$

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	1640.12	0.0022	P	6.5
2	☐	0.200					
3	☐	2.000	2.000	15193.59	0.0197	P	1.0
4	☐	50.000	52.130	335517.09	0.4592	P	0.2
5	☐	125.000	131.793	772689.72	1.1577	P	1.4
6	☐	250.000	258.697	1497247.81	2.2703	P	0.2
7	☐	500.000	512.389	2905711.34	4.4946	P	1.3
8	☐	1000.000	990.676	5645430.89	8.6881	A	1.0
9	☐			19901.39	0.0308	P	0.9

$$y = 0.0088 * x + 0.0022$$

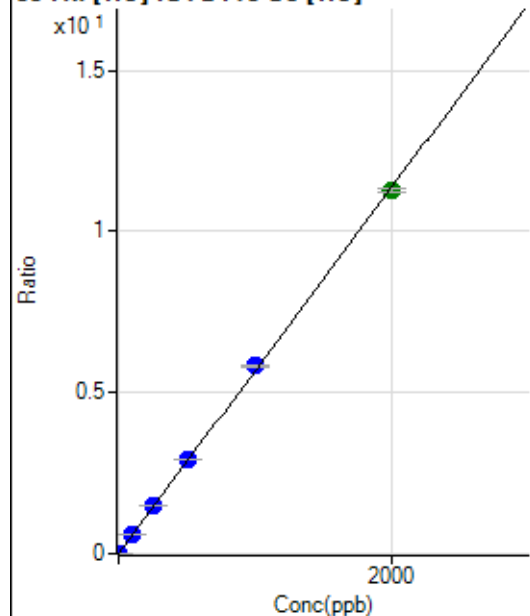
$$R = 0.9998$$

$$DL = 0.04786$$

$$BEC = 0.2454$$

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	70.00	0.0001	P	5.1
2	☐	0.100					
3	☐	1.000	1.012	4507.44	0.0058	P	4.9
4	☐	100.000	103.190	428382.18	0.5863	P	0.2
5	☐	250.000	262.638	995860.61	1.4921	P	1.9
6	☐	500.000	513.100	1922375.16	2.9150	P	0.4
7	☐	1000.000	1027.001	3771974.63	5.8344	P	0.8
8	☐	2000.000	1981.485	7314598.50	11.2568	A	1.0
9	☐			20376.55	0.0316	P	1.7

$$y = 0.0057 * x + 9.1821E-005$$

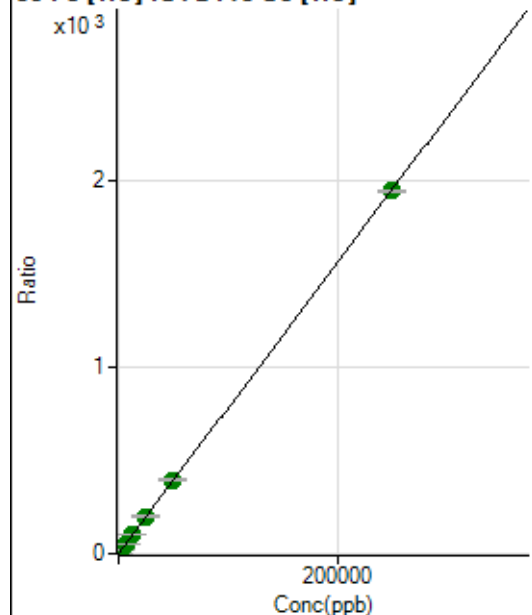
$$R = 0.9998$$

$$DL = 0.002489$$

$$BEC = 0.01616$$

Weight: <None>

Min Conc: 0

56 Fe [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	9392.16	0.0123	P	2.3
2	☐	5.000					
3	☐	50.000	52.914	326856.44	0.4236	P	0.5
4	☐	2500.000	2617.580	14872860.29	20.3561	A	0.5
5	☐	6250.000	6644.042	34472407.72	51.6497	A	1.6
6	☐	12500.000	13003.697	66658407.05	101.0768	A	0.6
7	☐	25000.000	25727.385	129277445.48	199.9651	A	0.9
8	☐	50000.000	50826.387	256682794.62	395.0340	A	1.5
9	☐	250000.00	249725.77	1253048961.3	1,940.876	A	0.3

$$y = 0.0078 * x + 0.0123$$

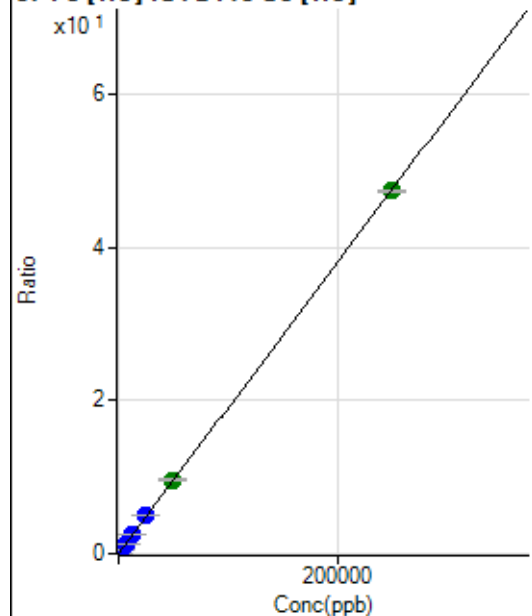
$$R = 1.0000$$

$$DL = 0.1078$$

$$BEC = 1.585$$

Weight: <None>

Min Conc: 0

57 Fe [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	300.01	0.0004	P	9.0
2	☐	5.000					
3	☐	50.000	57.354	8699.11	0.0113	P	1.9
4	☐	2500.000	2669.165	370240.49	0.5067	P	0.7
5	☐	6250.000	6782.288	859034.91	1.2870	P	1.3
6	☐	12500.000	13323.719	1667137.19	2.5280	P	0.5
7	☐	25000.000	26351.841	3232139.83	4.9995	P	0.9
8	☐	50000.000	50912.542	6276137.52	9.6587	A	1.2
9	☐	250000.00	249626.12	30573392.35	47.3556	A	0.3

$$y = 1.8970E-004 * x + 3.9360E-004$$

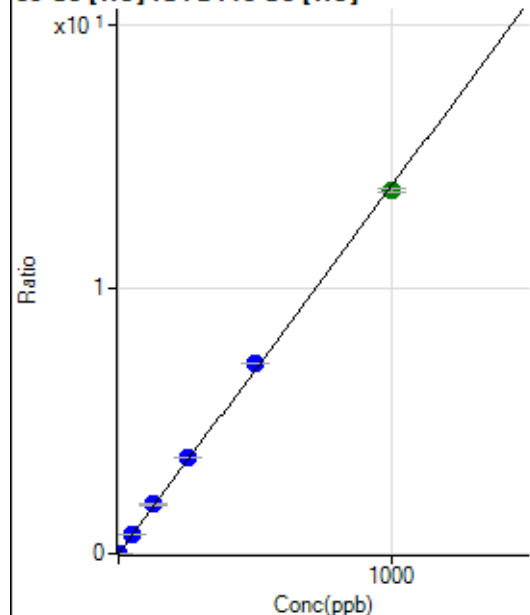
$$R = 1.0000$$

$$DL = 0.5582$$

$$BEC = 2.075$$

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	327.79	0.0004	P	12.4
2	☐	0.100					
3	☐	1.000	1.017	11231.10	0.0146	P	1.1
4	☐	50.000	53.216	540359.15	0.7396	P	0.6
5	☐	125.000	133.489	1237780.76	1.8546	P	1.7
6	☐	250.000	263.424	2413258.51	3.6593	P	0.4
7	☐	500.000	517.715	4649234.31	7.1914	P	0.9
8	☐	1000.000	986.565	8904485.98	13.7036	A	1.0
9	☐			103176.27	0.1598	P	0.8

$$y = 0.0139 * x + 4.3002E-004$$

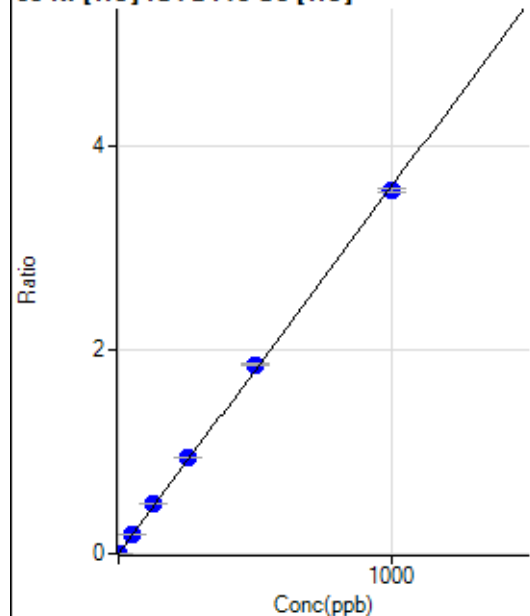
$$R = 0.9996$$

$$DL = 0.01151$$

$$BEC = 0.03096$$

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	224.45	0.0003	P	10.3
2	☐	0.100					
3	☐	1.000	1.055	3162.61	0.0041	P	1.3
4	☐	50.000	53.506	141144.69	0.1932	P	0.7
5	☐	125.000	135.332	325799.17	0.4882	P	2.1
6	☐	250.000	262.753	624874.14	0.9475	P	0.5
7	☐	500.000	514.789	1200005.24	1.8561	P	0.5
8	☐	1000.000	987.950	2314480.68	3.5619	P	1.0
9	☐			22583.16	0.0350	P	1.4

$$y = 0.0036 * x + 2.9434E-004$$

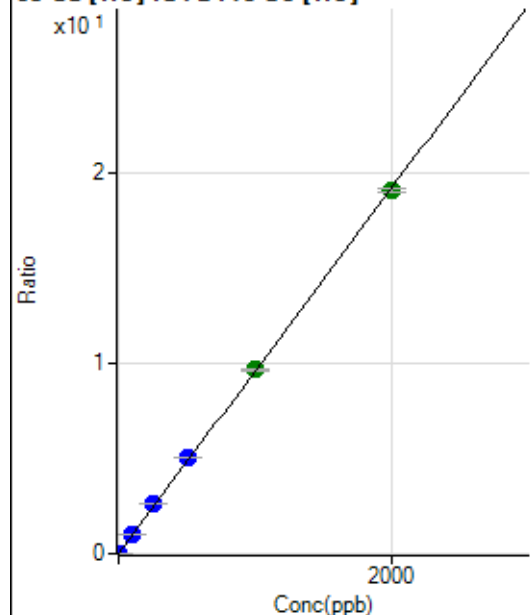
$$R = 0.9997$$

$$DL = 0.02516$$

$$BEC = 0.08165$$

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	2820.32	0.0037	P	5.3
2	☐	0.200					
3	☐	2.000	2.024	17839.93	0.0231	P	0.5
4	☐	100.000	107.380	755227.88	1.0337	P	0.4
5	☐	250.000	271.945	1743383.01	2.6121	P	1.7
6	☐	500.000	528.262	3343951.13	5.0706	P	0.7
7	☐	1000.000	1008.131	6253909.00	9.6734	A	0.7
8	☐	2000.000	1985.757	12378773.29	19.0505	A	1.1
9	☐			13199.45	0.0204	P	1.2

$$y = 0.0096 * x + 0.0037$$

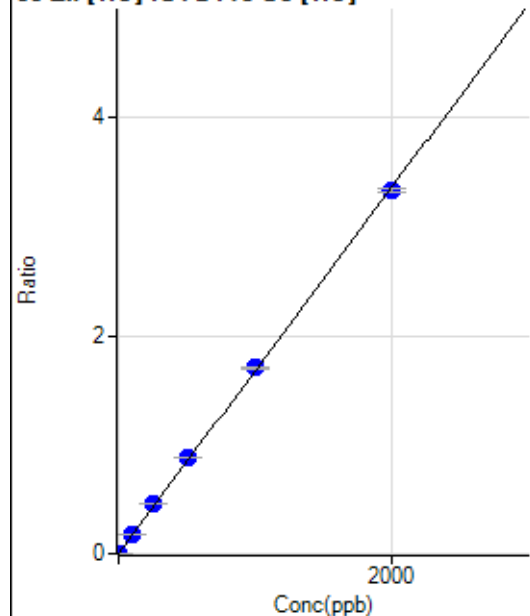
$$R = 0.9998$$

$$DL = 0.06127$$

$$BEC = 0.3857$$

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	1074.50	0.0014	P	3.2
2	☐	0.200					
3	☐	2.000	1.647	3221.52	0.0042	P	2.6
4	☐	100.000	106.414	131493.34	0.1800	P	0.4
5	☐	250.000	270.905	304357.58	0.4560	P	1.2
6	☐	500.000	527.423	584587.87	0.8864	P	0.4
7	☐	1000.000	1014.883	1101895.92	1.7044	P	1.0
8	☐	2000.000	1982.769	2162849.55	3.3285	P	1.0
9	☐			16566.24	0.0257	P	0.7

$$y = 0.0017 * x + 0.0014$$

$$R = 0.9998$$

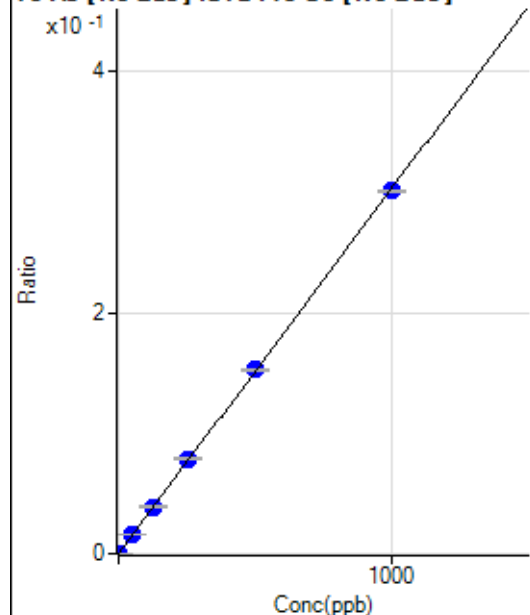
$$DL = 0.07979$$

$$BEC = 0.8399$$

Weight: <None>

Min Conc: 0

75 As [No Gas] ISTD:45 Sc [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-989.71	-0.0001	P	-10.
2	☐	0.100					
3	☐	1.000	0.978	3674.45	0.0002	P	14.4
4	☐	50.000	51.778	240492.45	0.0156	P	0.4
5	☐	125.000	128.171	571127.59	0.0387	P	4.5
6	☐	250.000	260.392	1089144.53	0.0788	P	1.3
7	☐	500.000	504.828	2065404.13	0.1528	P	1.0
8	☐	1000.000	994.503	4126601.43	0.3011	P	0.2
9	☐			4429.86	0.0004	P	4.4

$$y = 3.0279E-004 * x - 6.3163E-005$$

$$R = 0.9999$$

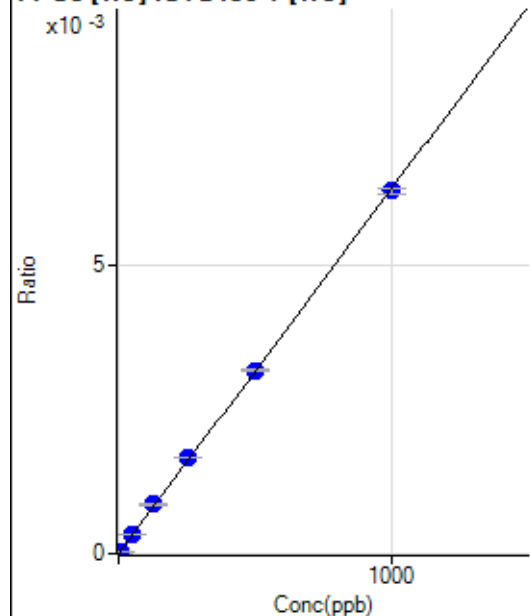
$$DL = 0.06465$$

$$BEC = -0.2086$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.22	0.0000	P	86.6
2	☐	0.500					
3	☐	5.000	5.257	128.89	0.0000	P	20.3
4	☐	50.000	52.889	1234.52	0.0003	P	3.8
5	☐	125.000	135.548	2938.12	0.0009	P	3.5
6	☐	250.000	262.024	5636.74	0.0017	P	0.6
7	☐	500.000	502.387	10679.62	0.0032	P	0.7
8	☐	1000.000	994.336	20993.17	0.0063	P	1.9
9	☐			10.00	0.0000	P	33.1

$$y = 6.3215E-006 * x + 5.8789E-007$$

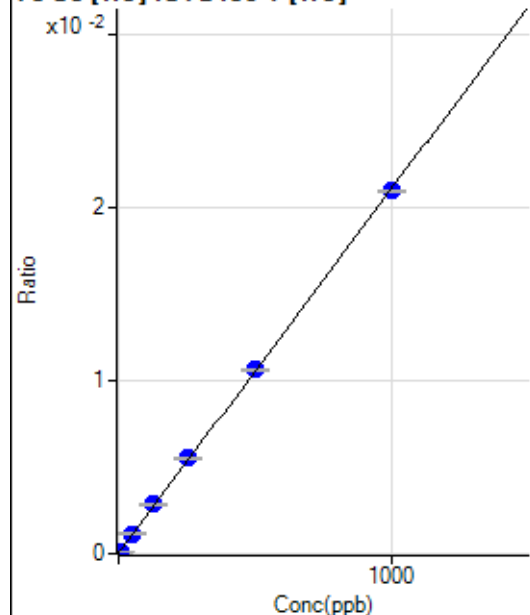
$$R = 0.9999$$

$$DL = 0.2416$$

$$BEC = 0.093$$

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	98.77	0.0000	P	6.7
2	☐	0.500					
3	☐	5.000	5.315	525.32	0.0001	P	4.8
4	☐	50.000	53.925	4274.74	0.0012	P	3.1
5	☐	125.000	134.990	9816.34	0.0029	P	2.5
6	☐	250.000	261.663	18803.63	0.0055	P	2.1
7	☐	500.000	502.820	35631.97	0.0106	P	0.9
8	☐	1000.000	994.228	69897.36	0.0209	P	0.8
9	☐			78.40	0.0000	P	8.5

$$y = 2.1025\text{E-}005 * x + 2.6200\text{E-}005$$

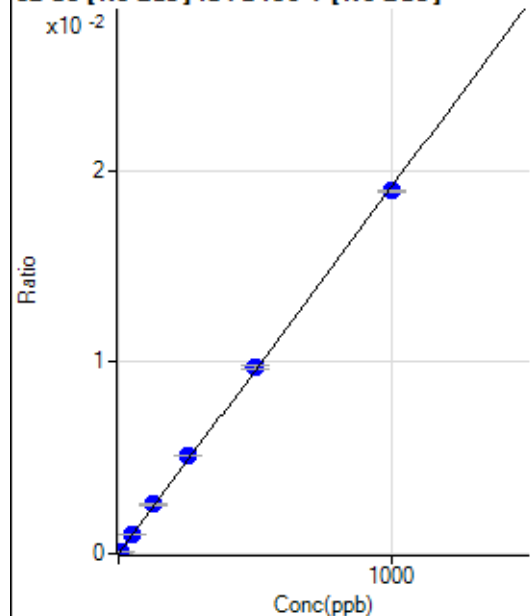
$$R = 0.9999$$

$$DL = 0.2505$$

$$BEC = 1.246$$

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	55.75	0.0000	P	69.2
2	☐	0.500					
3	☐	5.000	5.629	2631.12	0.0001	P	1.9
4	☐	50.000	54.284	24477.97	0.0010	P	1.0
5	☐	125.000	134.262	58561.20	0.0026	P	3.7
6	☐	250.000	268.632	111533.30	0.0051	P	0.4
7	☐	500.000	509.127	209878.99	0.0098	P	1.3
8	☐	1000.000	989.403	410363.19	0.0189	P	0.7
9	☐			212.72	0.0000	P	46.7

$$y = 1.9148\text{E-}005 * x + 2.3260\text{E-}006$$

$$R = 0.9997$$

$$DL = 0.2521$$

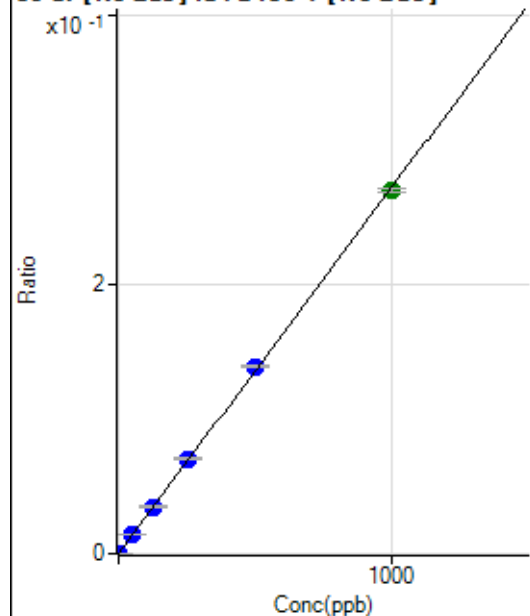
$$BEC = 0.1215$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			683.36		P	3.9
2	☐						
3	☐			732.25		P	7.4
4	☐			686.69		P	5.1
5	☐			650.02		P	10.4
6	☐			595.58		P	7.6
7	☐			613.36		P	5.7
8	☐			618.91		P	5.0
9	☐			681.14		P	12.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1155.66	0.0000	P	13.3
2	☐	0.100					
3	☐	1.000	0.959	7385.56	0.0003	P	1.5
4	☐	50.000	51.843	332586.19	0.0142	P	1.1
5	☐	125.000	127.636	791544.43	0.0348	P	3.4
6	☐	250.000	258.906	1527899.30	0.0705	P	0.9
7	☐	500.000	511.864	2998825.67	0.1393	P	1.1
8	☐	1000.000	991.420	5843615.28	0.2698	A	0.9
9	☐			24257.38	0.0012	P	2.2

$$y = 2.7210E-004 * x + 4.8132E-005$$

$$R = 0.9998$$

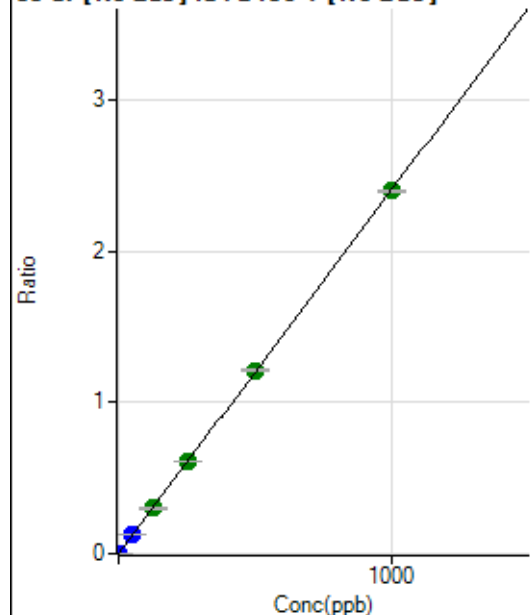
$$DL = 0.07062$$

$$BEC = 0.1769$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	302.79	0.0000	P	17.8
2	☐	0.100					
3	☐	1.000	0.979	56654.56	0.0024	P	1.2
4	☐	50.000	51.239	2899996.51	0.1234	P	0.3
5	☐	125.000	124.948	6848361.96	0.3009	A	4.1
6	☐	250.000	253.421	13228794.13	0.6104	A	0.8
7	☐	500.000	502.616	26055436.70	1.2105	A	1.1
8	☐	1000.000	997.781	52047340.40	2.4031	A	0.3
9	☐			206545.71	0.0105	P	1.2

$$y = 0.0024 * x + 1.2620E-005$$

$$R = 1.0000$$

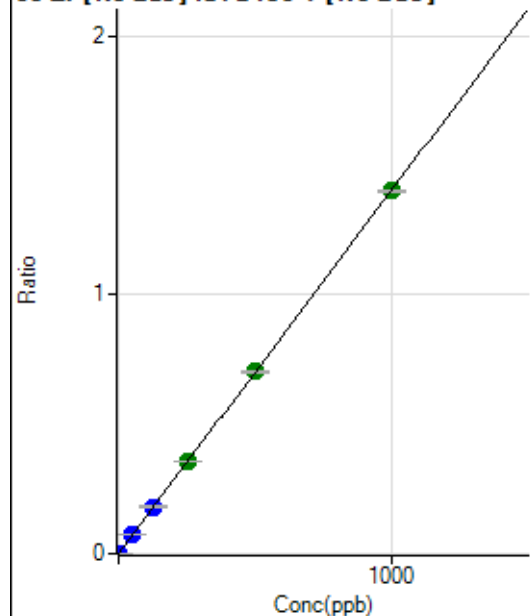
$$DL = 0.002792$$

$$BEC = 0.00524$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1791.85	0.0001	P	4.7
2	☐	0.100					
3	☐	1.000	0.932	32997.23	0.0014	P	1.2
4	☐	50.000	50.920	1679301.89	0.0715	P	0.5
5	☐	125.000	127.198	4059915.06	0.1784	P	4.2
6	☐	250.000	252.633	7678590.62	0.3543	A	0.4
7	☐	500.000	500.694	15111921.52	0.7021	A	0.3
8	☐	1000.000	998.674	30327485.75	1.4003	A	0.6
9	☐			9837.04	0.0005	P	8.0

$$y = 0.0014 * x + 7.4656E-005$$

$$R = 1.0000$$

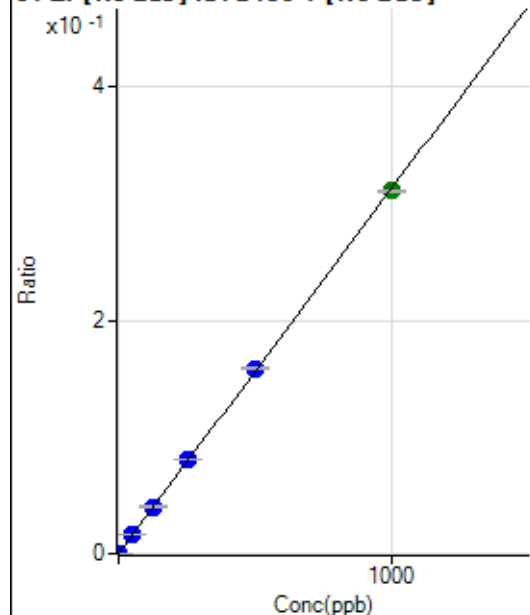
$$DL = 0.007563$$

$$BEC = 0.05325$$

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	383.35	0.0000	P	10.3
2	☐	0.100					
3	☐	1.000	0.934	7366.14	0.0003	P	5.0
4	☐	50.000	51.194	376617.08	0.0160	P	0.8
5	☐	125.000	126.846	903232.84	0.0397	P	4.0
6	☐	250.000	257.775	1747777.99	0.0806	P	0.0
7	☐	500.000	507.653	3417956.07	0.1588	P	0.7
8	☐	1000.000	993.940	6733447.72	0.3109	A	0.3
9	☐			2178.04	0.0001	P	4.7

$$y = 3.1278\text{E-}004 * x + 1.5975\text{E-}005$$

$$R = 0.9999$$

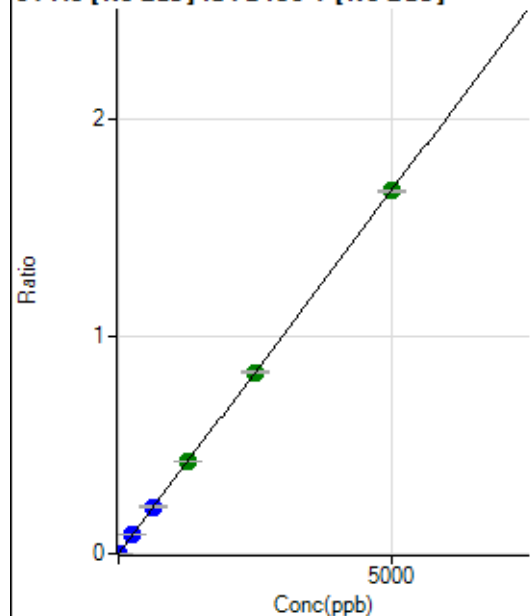
$$DL = 0.01573$$

$$BEC = 0.05107$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	547.26	0.0000	P	3.2
2	☐	0.500					
3	☐	5.000	5.019	40670.00	0.0017	P	2.8
4	☐	250.000	255.105	2006217.69	0.0854	P	0.7
5	☐	625.000	642.003	4889057.96	0.2148	P	4.0
6	☐	1250.000	1267.351	9191467.65	0.4241	A	0.4
7	☐	2500.000	2493.298	17957286.69	0.8343	A	1.1
8	☐	5000.000	4996.633	36210875.11	1.6719	A	0.5
9	☐			15698.16	0.0008	P	6.4

$$y = 3.3461\text{E-}004 * x + 2.2801\text{E-}005$$

$$R = 1.0000$$

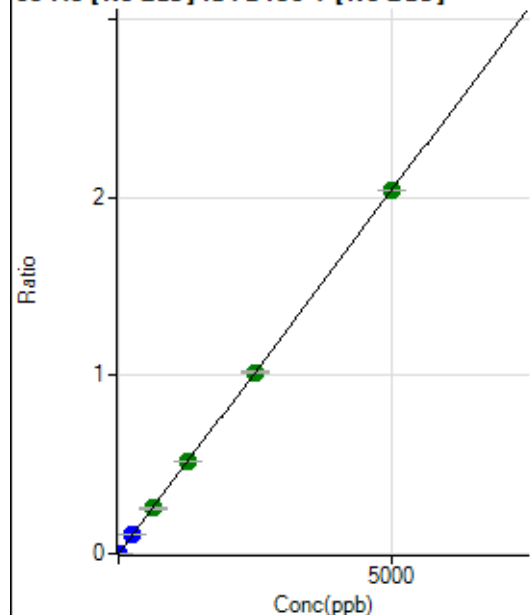
$$DL = 0.006632$$

$$BEC = 0.06814$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	130.56	0.0000	P	9.7
2	☐	0.500					
3	☐	5.000	5.138	50244.92	0.0021	P	1.3
4	☐	250.000	255.905	2454551.75	0.1045	P	0.1
5	☐	625.000	625.372	5809083.20	0.2553	A	4.1
6	☐	1250.000	1275.018	11280033.24	0.5205	A	0.2
7	☐	2500.000	2497.272	21940703.79	1.0194	A	0.9
8	☐	5000.000	4994.767	44157168.35	2.0388	A	0.1
9	☐			22504.75	0.0011	P	8.7

$$y = 4.0819\text{E-}004 * x + 5.4392\text{E-}006$$

$$R = 1.0000$$

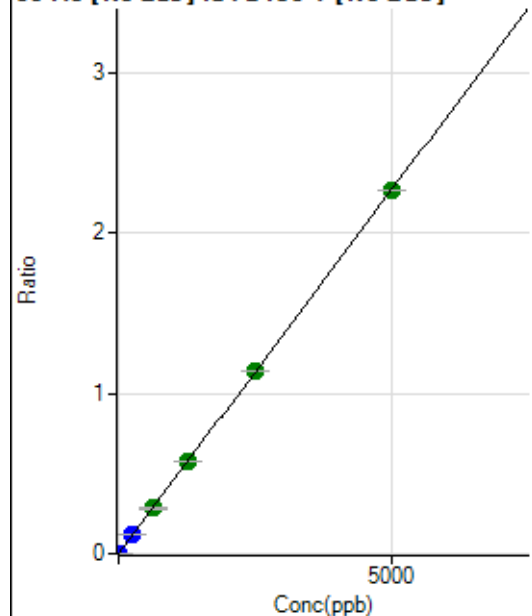
$$DL = 0.003859$$

$$BEC = 0.01333$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	327.80	0.0000	P	18.9
2	☐	0.500					
3	☐	5.000	5.084	55380.57	0.0023	P	0.9
4	☐	250.000	255.092	2716643.35	0.1156	P	0.7
5	☐	625.000	625.615	6451996.54	0.2835	A	4.2
6	☐	1250.000	1269.433	12468859.22	0.5753	A	0.4
7	☐	2500.000	2514.154	24524253.67	1.1394	A	0.8
8	☐	5000.000	4987.733	48956012.21	2.2604	A	0.1
9	☐			34866.03	0.0018	P	7.0

$$y = 4.5319\text{E-}004 * x + 1.3651\text{E-}005$$

$$R = 1.0000$$

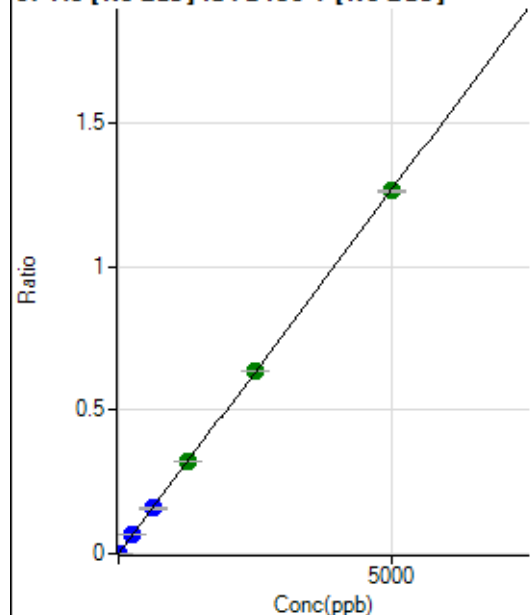
$$DL = 0.01707$$

$$BEC = 0.03012$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	83.34	0.0000	P	30.1
2	☐	0.500					
3	☐	5.000	5.156	31329.75	0.0013	P	1.8
4	☐	250.000	254.139	1514735.19	0.0645	P	0.7
5	☐	625.000	633.939	3659284.72	0.1608	P	4.0
6	☐	1250.000	1264.879	6953712.48	0.3208	A	0.8
7	☐	2500.000	2513.420	13722220.97	0.6375	A	0.6
8	☐	5000.000	4988.246	27403278.04	1.2653	A	0.3
9	☐			13284.50	0.0007	P	5.9

$$y = 2.5365E-004 * x + 3.4733E-006$$

$$R = 1.0000$$

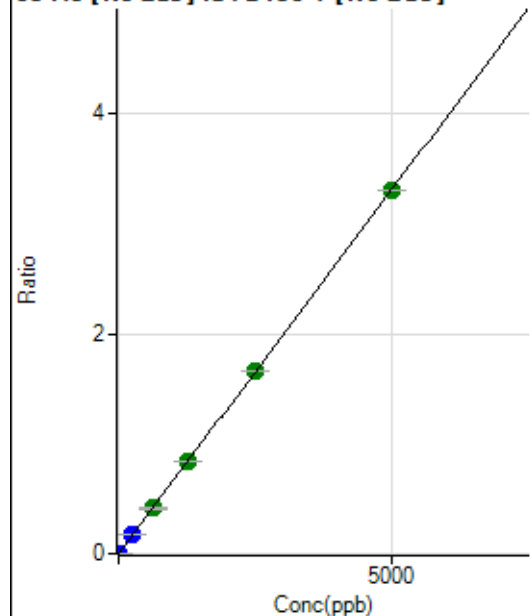
$$DL = 0.01236$$

$$BEC = 0.01369$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	216.68	0.0000	P	30.9
2	☐	0.500					
3	☐	5.000	5.117	81010.85	0.0034	P	1.0
4	☐	250.000	254.836	3956807.03	0.1684	P	0.1
5	☐	625.000	623.208	9370082.07	0.4118	A	4.6
6	☐	1250.000	1272.245	18220261.52	0.8407	A	0.1
7	☐	2500.000	2511.784	35723888.65	1.6597	A	0.8
8	☐	5000.000	4988.529	71391702.99	3.2963	A	0.1
9	☐			34153.30	0.0017	P	8.8

$$y = 6.6077E-004 * x + 9.0332E-006$$

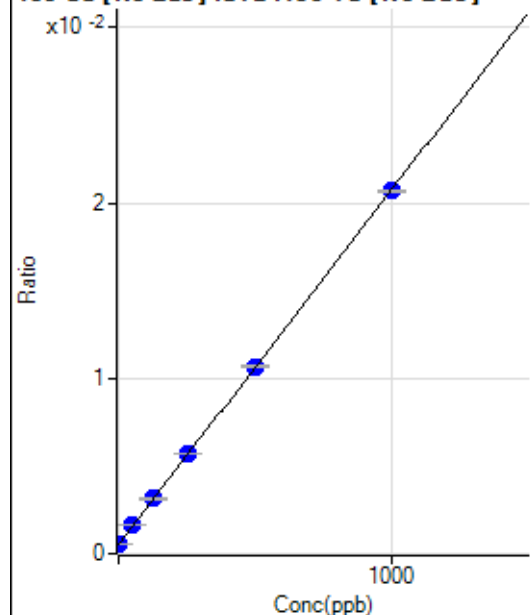
$$R = 1.0000$$

$$DL = 0.01267$$

$$BEC = 0.01367$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16309.97	0.0005	P	4.0
2	☐	0.100					
3	☐	1.000	1.696	17525.30	0.0006	P	1.7
4	☐	50.000	53.569	50616.41	0.0016	P	1.7
5	☐	125.000	130.237	98695.68	0.0032	P	4.3
6	☐	250.000	255.892	174051.96	0.0057	P	1.2
7	☐	500.000	500.771	323030.28	0.0106	P	1.2
8	☐	1000.000	997.308	635913.35	0.0207	P	0.7
9	☐			14038.06	0.0005	P	1.9

$$y = 2.0211\text{E-}005 * x + 5.2198\text{E-}004$$

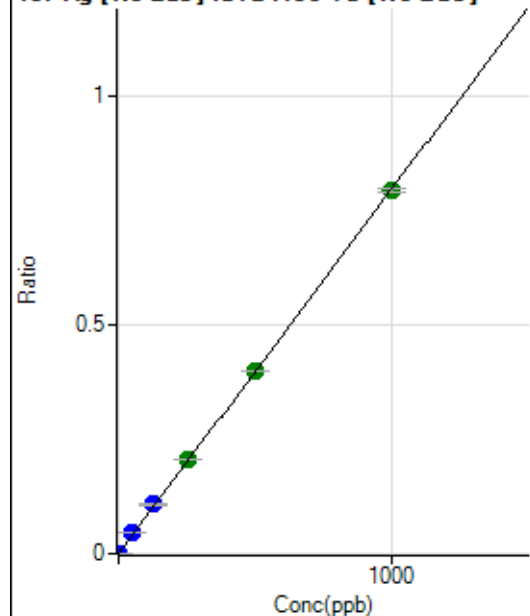
$$R = 1.0000$$

$$DL = 3.075$$

$$BEC = 25.83$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	341.68	0.0000	P	7.5
2	☐	0.100					
3	☐	1.000	1.231	31263.44	0.0010	P	2.8
4	☐	50.000	56.226	1414181.08	0.0448	P	0.9
5	☐	125.000	135.505	3380798.90	0.1080	P	3.8
6	☐	250.000	258.381	6296757.48	0.2060	A	0.7
7	☐	500.000	500.894	12119310.17	0.3993	A	0.1
8	☐	1000.000	995.833	24412307.14	0.7939	A	1.2
9	☐			2205.84	0.0001	P	9.0

$$y = 7.9718\text{E-}004 * x + 1.0935\text{E-}005$$

$$R = 0.9999$$

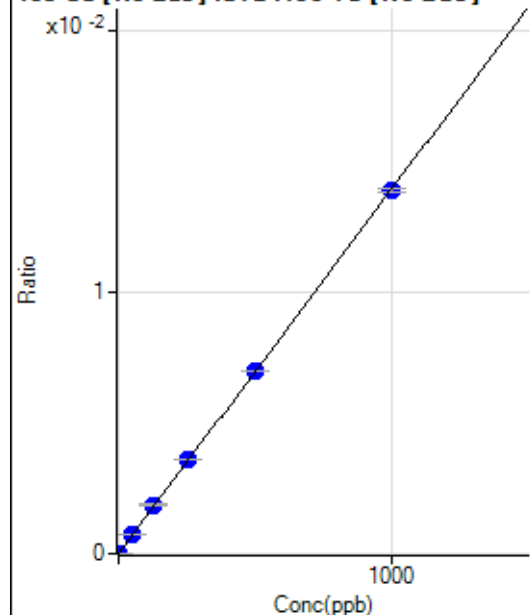
$$DL = 0.003091$$

$$BEC = 0.01372$$

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	40.28	0.0000	P	12.5
2	☐	0.100					
3	☐	1.000	1.082	516.69	0.0000	P	18.2
4	☐	50.000	54.908	24211.26	0.0008	P	0.7
5	☐	125.000	132.887	58064.62	0.0019	P	4.6
6	☐	250.000	258.496	110314.14	0.0036	P	0.6
7	☐	500.000	501.806	212581.34	0.0070	P	0.6
8	☐	1000.000	995.742	427353.68	0.0139	P	1.2
9	☐			90.28	0.0000	P	9.3

$$y = 1.3955\text{E-}005 * x + 1.2894\text{E-}006$$

$$R = 0.9999$$

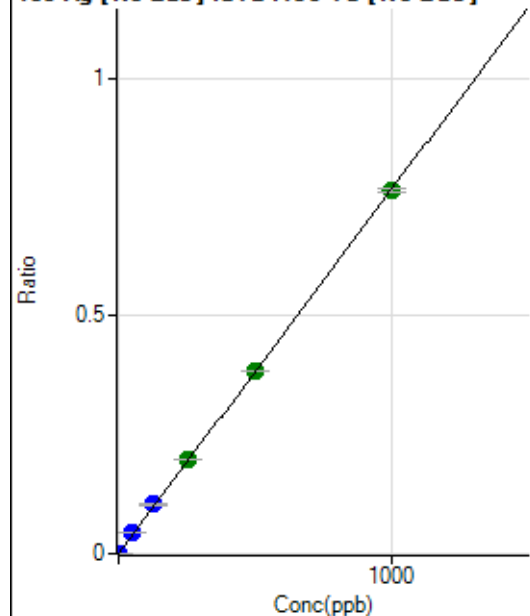
$$DL = 0.03471$$

$$BEC = 0.09239$$

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	258.35	0.0000	P	26.7
2	☐	0.100					
3	☐	1.000	1.219	29684.98	0.0009	P	0.4
4	☐	50.000	56.214	1358979.57	0.0431	P	0.4
5	☐	125.000	135.866	3257644.62	0.1041	P	4.5
6	☐	250.000	256.695	6013069.01	0.1967	A	0.3
7	☐	500.000	501.356	11659635.59	0.3842	A	0.6
8	☐	1000.000	995.979	23468347.57	0.7632	A	1.2
9	☐			2178.05	0.0001	P	9.0

$$y = 7.6625\text{E-}004 * x + 8.2710\text{E-}006$$

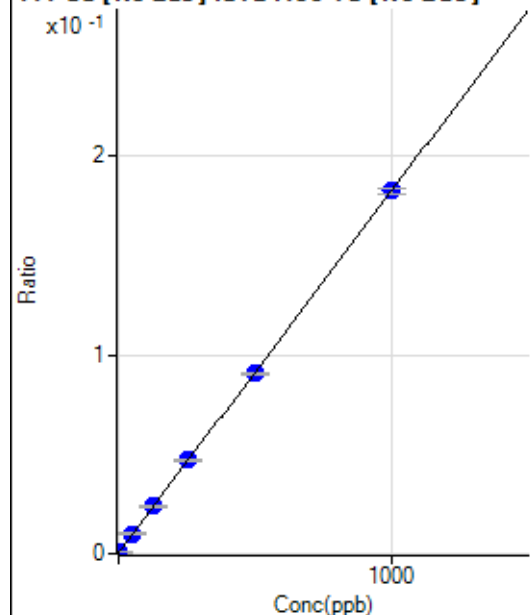
$$R = 0.9999$$

$$DL = 0.008649$$

$$BEC = 0.01079$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	11402.68	0.0004	P	4.0
2	☐	0.100					
3	☐	1.000	1.088	17739.31	0.0006	P	1.4
4	☐	50.000	53.673	319696.46	0.0101	P	0.3
5	☐	125.000	129.982	751784.45	0.0240	P	4.2
6	☐	250.000	256.759	1439867.68	0.0471	P	1.2
7	☐	500.000	494.973	2745671.18	0.0905	P	0.2
8	☐	1000.000	1000.017	5608831.43	0.1824	P	1.6
9	☐			10262.08	0.0004	P	2.8

$$y = 1.8203\text{E-}004 * x + 3.6493\text{E-}004$$

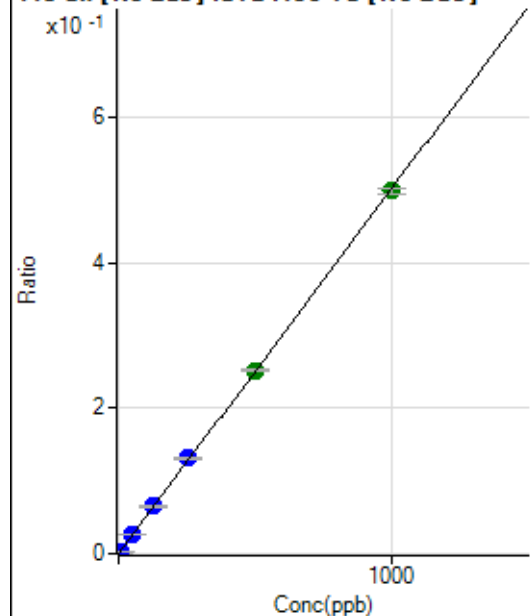
$$R = 0.9999$$

$$DL = 0.2423$$

$$BEC = 2.005$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1189.00	0.0000	P	12.4
2	☐	0.500					
3	☐	5.000	5.416	86658.40	0.0028	P	0.3
4	☐	50.000	53.435	845323.19	0.0268	P	0.5
5	☐	125.000	131.129	2056074.74	0.0657	P	4.2
6	☐	250.000	261.589	4005864.41	0.1310	P	1.0
7	☐	500.000	503.127	7648485.15	0.2520	A	0.8
8	☐	1000.000	994.599	15318153.82	0.4981	A	1.4
9	☐			9022.75	0.0003	P	9.6

$$y = 5.0081\text{E-}004 * x + 3.8054\text{E-}005$$

$$R = 0.9999$$

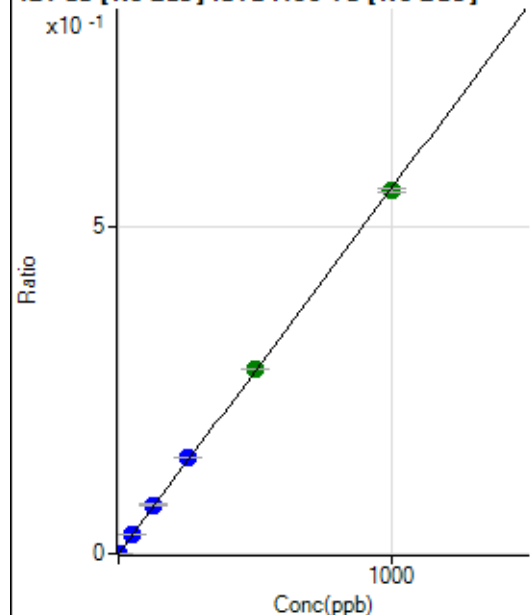
$$DL = 0.02832$$

$$BEC = 0.07599$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	136.12	0.0000	P	40.6
2	☐	0.200					
3	☐	2.000	2.029	35905.35	0.0011	P	2.1
4	☐	50.000	53.640	946789.87	0.0300	P	0.2
5	☐	125.000	131.910	2309784.62	0.0738	P	3.7
6	☐	250.000	262.995	4497994.24	0.1471	P	1.7
7	☐	500.000	504.979	8574936.21	0.2825	A	0.3
8	☐	1000.000	993.216	17088291.18	0.5557	A	0.9
9	☐			19133.19	0.0007	P	2.1

$$y = 5.5949\text{E-}004 * x + 4.3541\text{E-}006$$

$$R = 0.9999$$

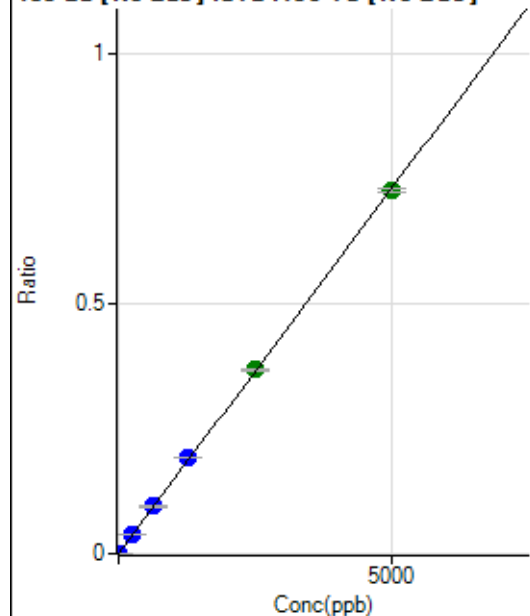
$$DL = 0.009487$$

$$BEC = 0.007782$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	75.00	0.0000	P	10.6
2	☐	1.000					
3	☐	10.000	10.500	48449.45	0.0015	P	1.3
4	☐	250.000	264.112	1218240.93	0.0386	P	1.0
5	☐	625.000	652.495	2985411.79	0.0954	P	4.3
6	☐	1250.000	1315.756	5881207.55	0.1924	P	1.2
7	☐	2500.000	2516.980	11170119.35	0.3680	A	0.3
8	☐	5000.000	4970.928	22351830.71	0.7269	A	1.1
9	☐			3567.28	0.0001	P	9.0

$$y = 1.4622\text{E-}004 * x + 2.3991\text{E-}006$$

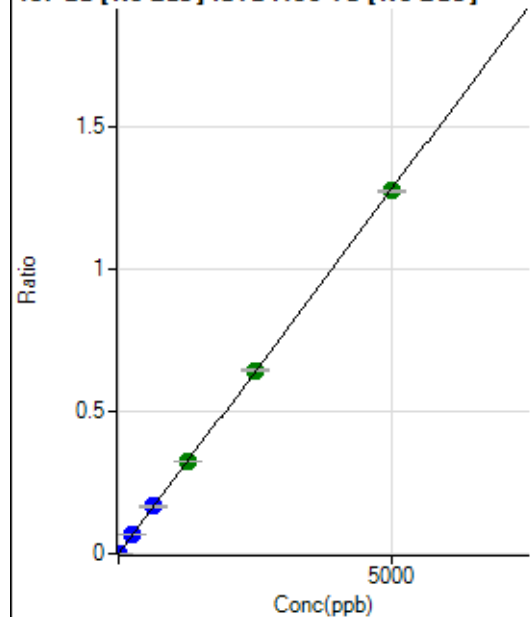
$$R = 0.9999$$

$$DL = 0.005193$$

$$BEC = 0.01641$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	72.23	0.0000	P	17.2
2	☐	1.000					
3	☐	10.000	10.590	85418.29	0.0027	P	0.7
4	☐	250.000	265.066	2138741.87	0.0678	P	0.5
5	☐	625.000	654.024	5234516.52	0.1673	P	4.4
6	☐	1250.000	1273.112	9954752.48	0.3256	A	0.5
7	☐	2500.000	2520.272	19565777.69	0.6447	A	0.2
8	☐	5000.000	4979.703	39170791.15	1.2737	A	0.6
9	☐			6301.68	0.0002	P	3.9

$$y = 2.5579\text{E-}004 * x + 2.3100\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.004671$$

$$BEC = 0.009031$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			2.22		P	173.
2	☐						
3	☐			13.33		P	50.0
4	☐			186.67		P	16.4
5	☐			395.57		P	13.5
6	☐			700.05		P	7.6
7	☐			1153.43		P	2.6
8	☐			2575.89		P	2.3
9	☐			491.14		P	10.2

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	☐			21.11		P	24.1
5	☐			31.11		P	16.4
6	☐			56.67		P	15.6
7	☐			141.11		P	19.2
8	☐			218.90		P	24.2
9	☐			173.34		P	10.7

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.56		P	63.0
2	☐						
3	☐			38.89		P	44.6
4	☐			47.22		P	71.3
5	☐			91.67		P	18.2
6	☐			169.45		P	19.9
7	☐			250.01		P	29.6
8	☐			497.25		P	2.6
9	☐			316.69		P	11.5

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	34.7
2	☐						
3	☐			5.55		P	69.3
4	☐			37.78		P	36.7
5	☐			73.33		P	4.5
6	☐			145.56		P	5.8
7	☐			293.34		P	11.4
8	☐			550.02		P	6.6
9	☐			132.22		P	8.1

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			205.57		P	24.4
2	☐						
3	☐			230.57		P	9.1
4	☐			233.34		P	18.6
5	☐			252.79		P	13.7
6	☐			230.57		P	19.9
7	☐			277.79		P	4.6
8	☐			283.35		P	13.5
9	☐			416.69		P	26.2

160 Gd [He] No available calibration points

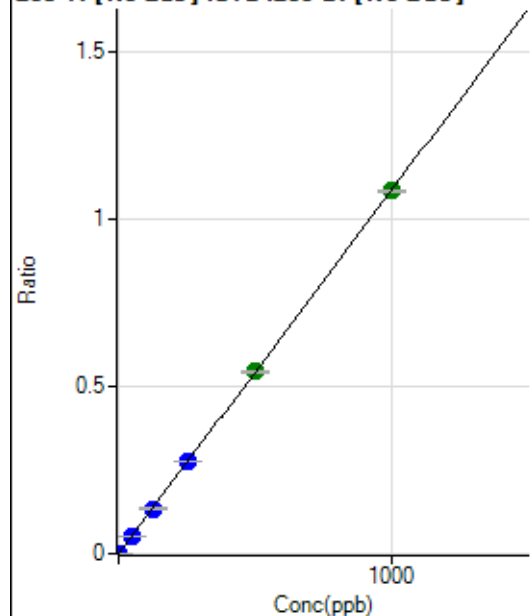
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			603.36		P	15.0
2	☐						
3	☐			633.36		P	12.0
4	☐			655.58		P	2.1
5	☐			605.58		P	4.7
6	☐			617.80		P	3.3
7	☐			575.58		P	7.4
8	☐			616.69		P	12.0
9	☐			666.70		P	7.3

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			91.67		P	27.3
2	☐						
3	☐			97.23		P	9.9
4	☐			97.22		P	4.9
5	☐			77.78		P	22.3
6	☐			111.12		P	34.6
7	☐			130.56		P	25.8
8	☐			100.01		P	16.7
9	☐			211.13		P	25.4

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			50.00		P	6.7
2	☐						
3	☐			43.33		P	40.0
4	☐			47.78		P	17.6
5	☐			37.78		P	5.1
6	☐			42.22		P	50.8
7	☐			60.00		P	36.4
8	☐			51.11		P	22.9
9	☐			110.00		P	21.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	316.68	0.0000	P	18.9
2	☐	0.100					
3	☐	1.000	0.910	20015.88	0.0010	P	1.5
4	☐	50.000	49.501	1058799.80	0.0537	P	1.3
5	☐	125.000	123.806	2645681.09	0.1344	P	3.9
6	☐	250.000	255.239	5301775.73	0.2770	P	0.7
7	☐	500.000	500.949	10124487.64	0.5437	A	0.5
8	☐	1000.000	998.390	20112329.79	1.0836	A	0.3
9	☐			1991.90	0.0001	P	11.6

$$y = 0.0011 * x + 1.6028E-005$$

$$R = 1.0000$$

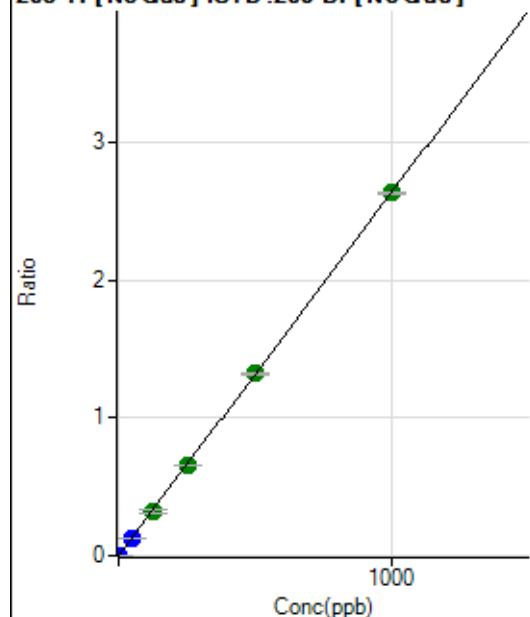
$$DL = 0.008362$$

$$BEC = 0.01477$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	783.40	0.0000	P	3.4
2	☐	0.100					
3	☐	1.000	0.925	49373.93	0.0025	P	1.9
4	☐	50.000	49.672	2578273.54	0.1309	P	1.6
5	☐	125.000	122.002	6324723.10	0.3214	A	5.1
6	☐	250.000	249.049	12553565.73	0.6560	A	0.7
7	☐	500.000	502.608	24650046.04	1.3238	A	1.2
8	☐	1000.000	999.325	48853641.72	2.6321	A	0.5
9	☐			4909.48	0.0003	P	11.8

$$y = 0.0026 * x + 3.9656E-005$$

$$R = 1.0000$$

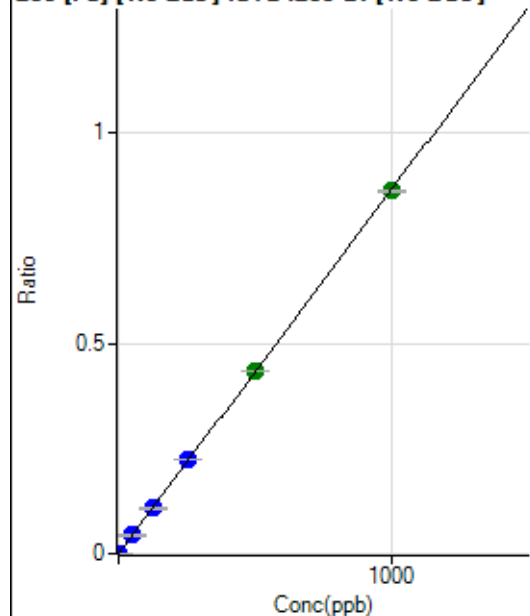
$$DL = 0.001527$$

$$BEC = 0.01506$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	985.25	0.0000	P	3.9
2	☐	0.100					
3	☐	1.000	0.956	17495.37	0.0009	P	0.0
4	☐	50.000	50.396	860611.00	0.0437	P	1.2
5	☐	125.000	124.902	2129985.91	0.1082	P	3.8
6	☐	250.000	258.415	4282514.04	0.2238	P	0.2
7	☐	500.000	502.823	8107177.55	0.4354	A	0.6
8	☐	1000.000	996.477	16013843.99	0.8628	A	0.5
9	☐			17254.27	0.0011	P	5.5

$$y = 8.6579E-004 * x + 4.9871E-005$$

$$R = 1.0000$$

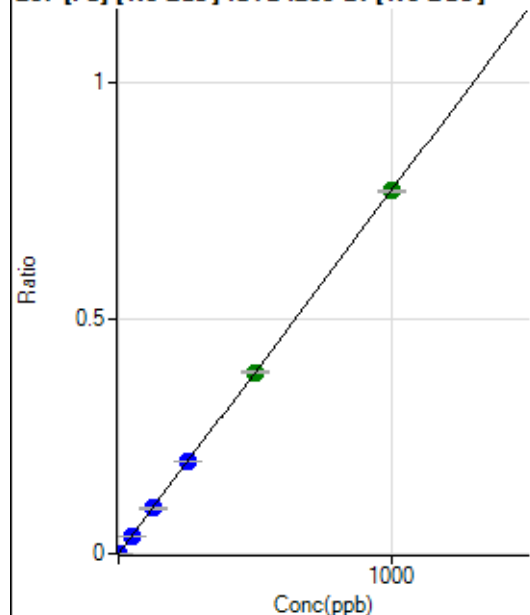
$$DL = 0.006698$$

$$BEC = 0.0576$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	835.24	0.0000	P	5.8
2	☐	0.100					
3	☐	1.000	0.908	14799.47	0.0007	P	0.8
4	☐	50.000	49.884	758900.88	0.0385	P	1.1
5	☐	125.000	124.352	1889348.41	0.0960	P	3.6
6	☐	250.000	255.619	3774058.85	0.1972	P	0.4
7	☐	500.000	499.927	7181303.69	0.3857	A	0.5
8	☐	1000.000	998.719	14299059.12	0.7704	A	0.4
9	☐			14658.58	0.0010	P	6.0

$$y = 7.7135E-004 * x + 4.2275E-005$$

$$R = 1.0000$$

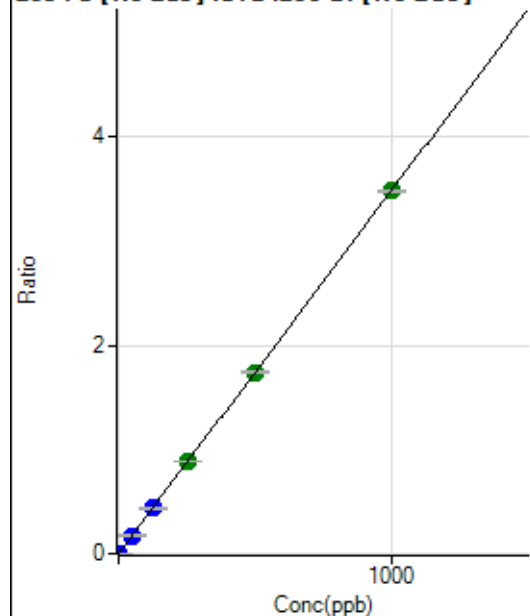
$$DL = 0.009556$$

$$BEC = 0.05481$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3822.55	0.0002	P	4.5
2	☐	0.100					
3	☐	1.000	0.932	68537.85	0.0034	P	1.1
4	☐	50.000	50.191	3446922.40	0.1750	P	1.2
5	☐	125.000	125.122	8581491.72	0.4359	P	3.7
6	☐	250.000	252.984	16861091.26	0.8811	A	0.4
7	☐	500.000	500.354	32444774.57	1.7424	A	0.7
8	☐	1000.000	999.052	64569593.23	3.4789	A	0.2
9	☐			67233.01	0.0044	P	5.6

$$y = 0.0035 * x + 1.9349E-004$$

$$R = 1.0000$$

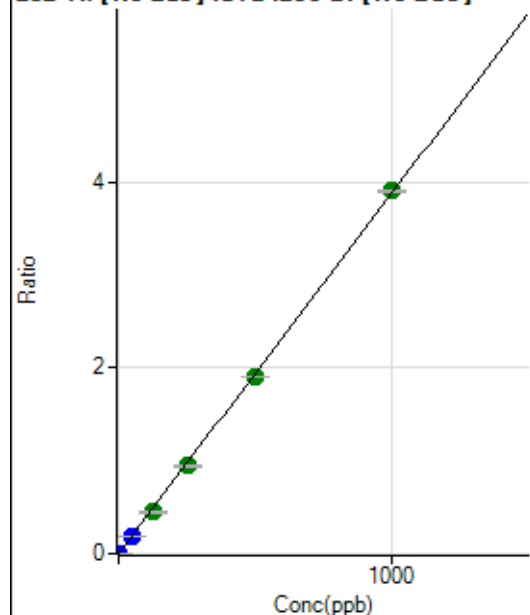
$$DL = 0.007425$$

$$BEC = 0.05557$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	538.92	0.0000	P	15.0
2	☐	0.100					
3	☐	1.000	0.815	63566.97	0.0032	P	1.3
4	☐	50.000	46.759	3575475.40	0.1815	P	0.5
5	☐	125.000	116.271	8882707.03	0.4512	A	4.2
6	☐	250.000	243.115	18054136.75	0.9435	A	1.6
7	☐	500.000	491.723	35531910.75	1.9082	A	0.8
8	☐	1000.000	1007.113	72538342.82	3.9083	A	0.6
9	☐			26594.76	0.0018	P	10.0

$$y = 0.0039 * x + 2.7275E-005$$

$$R = 0.9999$$

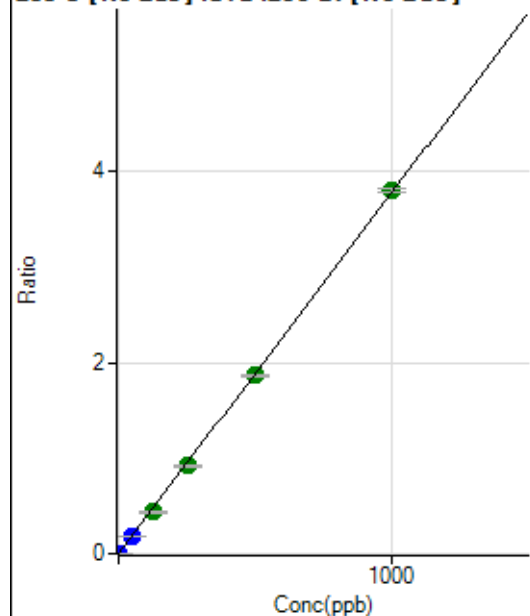
$$DL = 0.003164$$

$$BEC = 0.007028$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	166.68	0.0000	P	10.1
2	☐	0.100					
3	☐	1.000	0.838	63151.73	0.0032	P	1.2
4	☐	50.000	46.884	3484147.43	0.1768	P	0.4
5	☐	125.000	116.417	8644483.09	0.4391	A	4.0
6	☐	250.000	242.700	17517482.51	0.9154	A	1.1
7	☐	500.000	493.404	34653467.79	1.8610	A	0.3
8	☐	1000.000	1006.352	70448903.66	3.7957	A	0.9
9	☐			5368.10	0.0004	P	20.3

$$y = 0.0038 * x + 8.4375E-006$$

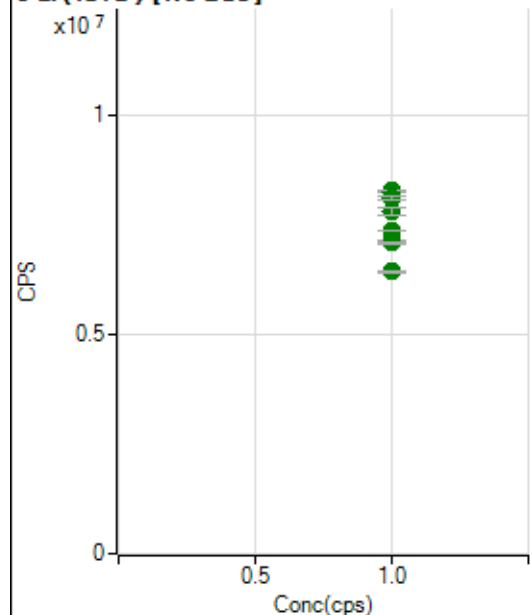
$$R = 0.9999$$

$$DL = 0.0006771$$

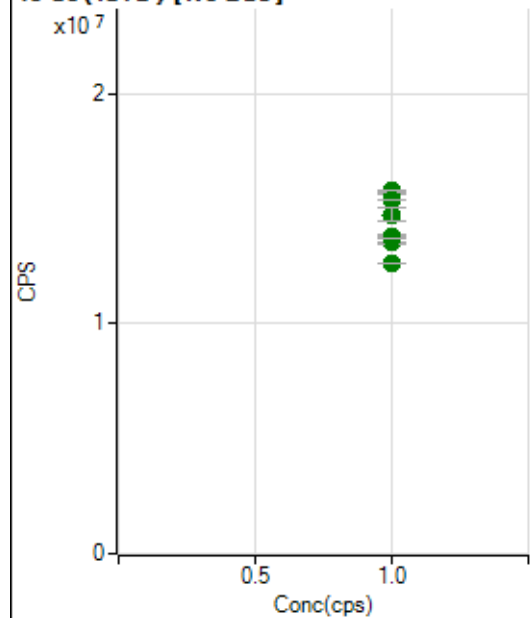
$$BEC = 0.002237$$

Weight: <None>

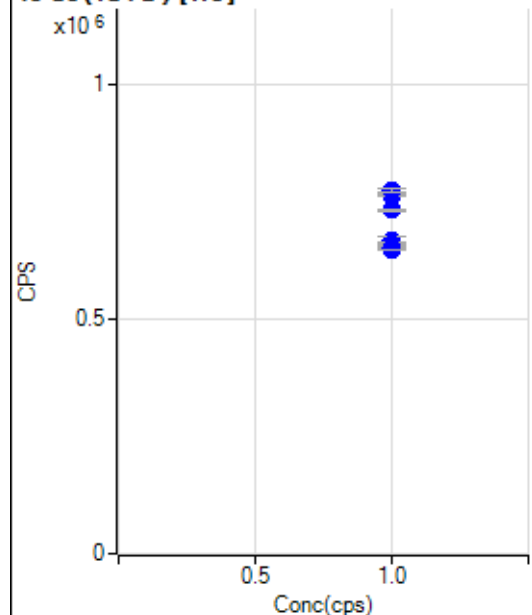
Min Conc: 0

6 Li (ISTD) [No Gas]

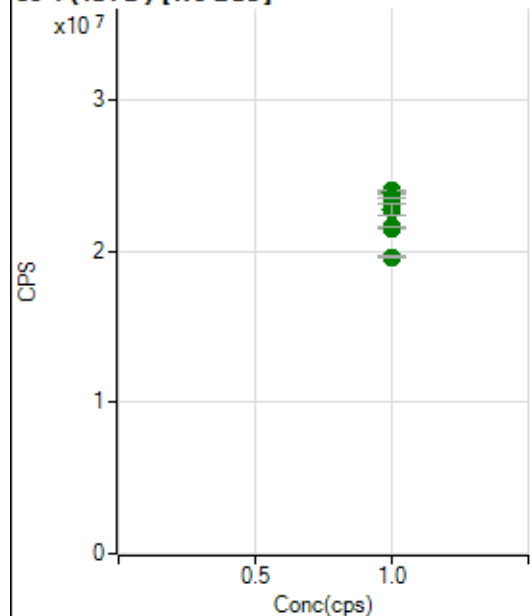
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		8282518.29		A	0.5
2	☐	1.000					
3	☐	1.000		8231655.13		A	1.4
4	☐	1.000		8121354.92		A	0.7
5	☐	1.000		7821158.28		A	2.6
6	☐	1.000		7377760.92		A	0.4
7	☐	1.000		7148529.75		A	0.1
8	☐	1.000		7101709.18		A	0.5
9	☐	1.000		6439216.67		A	0.6

45 Sc (ISTD) [No Gas]

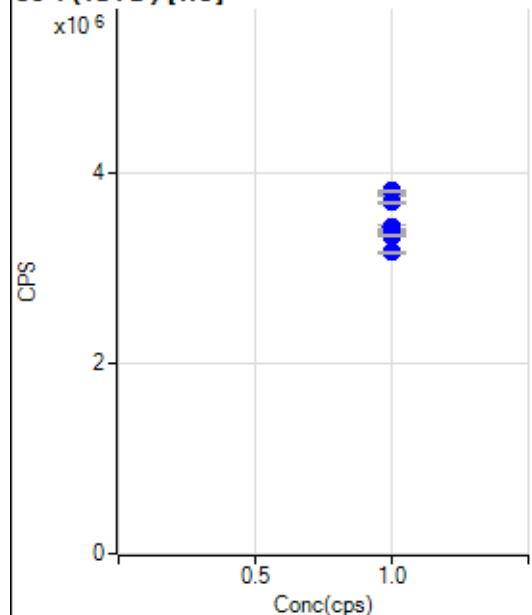
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		15668754.17		A	0.3
2	☐	1.000					
3	☐	1.000		15778590.63		A	0.2
4	☐	1.000		15401766.14		A	0.2
5	☐	1.000		14756041.13		A	3.5
6	☐	1.000		13825889.20		A	0.7
7	☐	1.000		13517971.83		A	0.4
8	☐	1.000		13706909.51		A	0.3
9	☐	1.000		12649741.43		A	0.1

45 Sc (ISTD) [He]

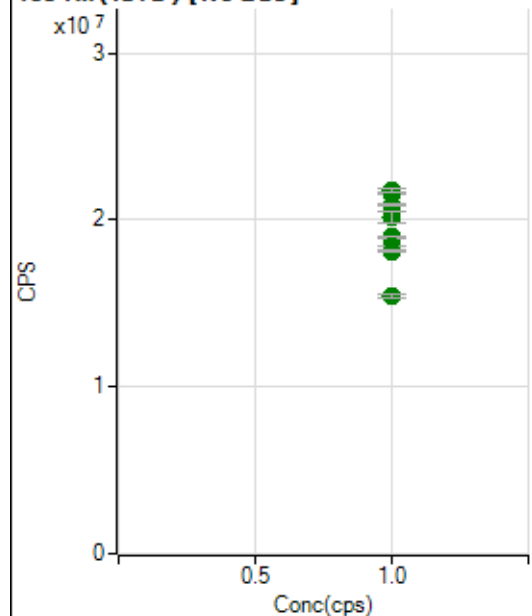
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		762449.83		P	0.5
2	☐	1.000					
3	☐	1.000		771713.17		P	1.1
4	☐	1.000		730639.99		P	0.7
5	☐	1.000		667569.27		P	2.0
6	☐	1.000		659489.47		P	0.6
7	☐	1.000		646521.73		P	0.6
8	☐	1.000		649827.74		P	0.9
9	☐	1.000		645611.28		P	0.2

89 Y (ISTD) [No Gas]

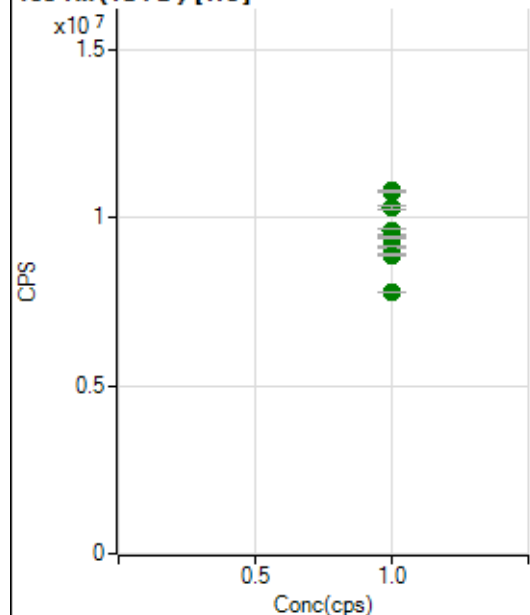
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		24002456.87		A	0.4
2	☐	1.000					
3	☐	1.000		23897282.98		A	1.2
4	☐	1.000		23496826.87		A	0.2
5	☐	1.000		22777526.60		A	3.5
6	☐	1.000		21673398.57		A	0.2
7	☐	1.000		21524351.34		A	0.4
8	☐	1.000		21658149.95		A	0.3
9	☐	1.000		19632841.37		A	0.6

89 Y(ISTD) [He]

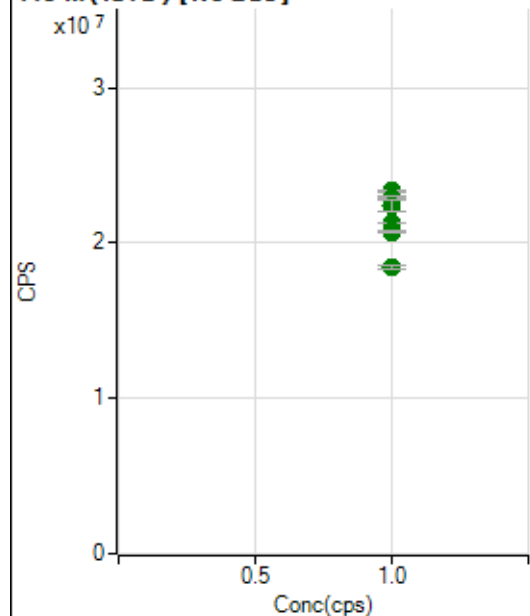
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3769973.90		P	0.5
2	☐	1.000					
3	☐	1.000		3808422.79		P	0.5
4	☐	1.000		3685513.73		P	0.5
5	☐	1.000		3428040.19		P	1.9
6	☐	1.000		3401839.85		P	0.3
7	☐	1.000		3362114.98		P	0.2
8	☐	1.000		3339630.33		P	0.3
9	☐	1.000		3162075.58		P	0.2

103 Rh(ISTD) [No Gas]

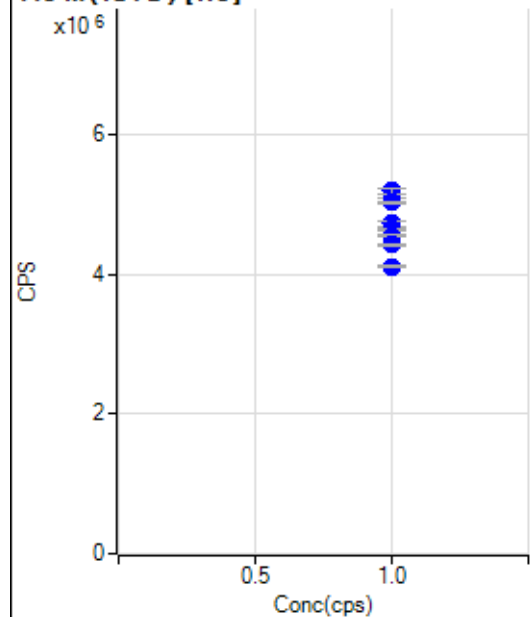
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		21582349.61		A	0.3
2	☐	1.000					
3	☐	1.000		21747826.70		A	0.9
4	☐	1.000		20913989.70		A	0.5
5	☐	1.000		20171292.12		A	3.8
6	☐	1.000		18996382.89		A	0.5
7	☐	1.000		18441010.48		A	0.1
8	☐	1.000		18133032.52		A	0.7
9	☐	1.000		15476320.66		A	1.2

103 Rh (ISTD) [He]

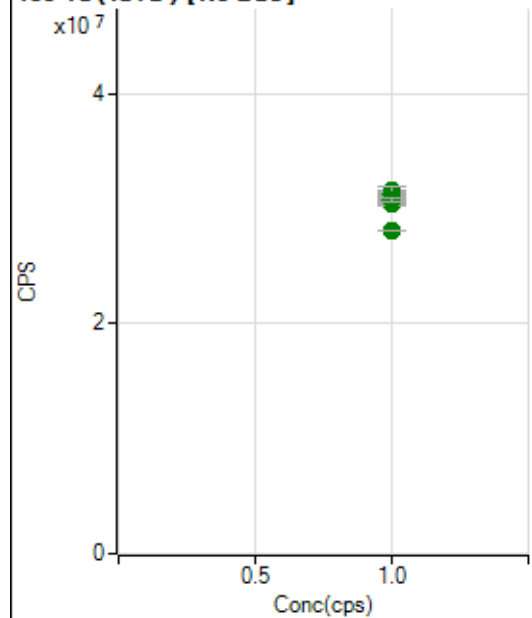
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10803524.28		A	0.4
2	☐	1.000					
3	☐	1.000		10779385.95		A	0.7
4	☐	1.000		10306100.54		A	0.8
5	☐	1.000		9596275.55		A	2.0
6	☐	1.000		9399163.75		A	0.6
7	☐	1.000		9121539.66		A	0.7
8	☐	1.000		8902060.28		A	0.1
9	☐	1.000		7782326.55		A	0.3

115 In (ISTD) [No Gas]

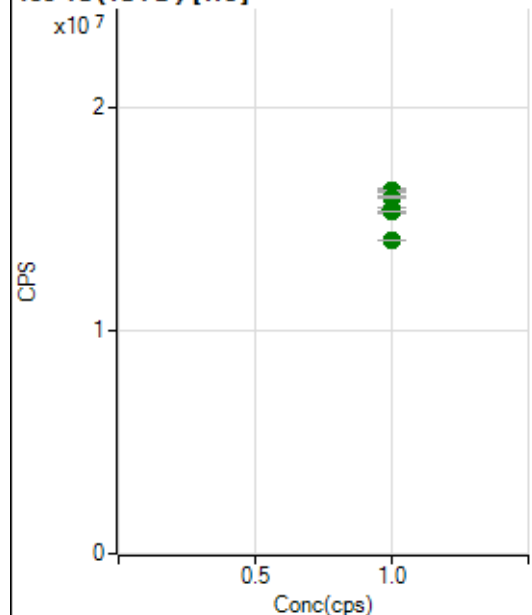
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		23324192.00		A	0.5
2	☐	1.000					
3	☐	1.000		23355617.44		A	0.6
4	☐	1.000		22946205.89		A	0.7
5	☐	1.000		22386913.40		A	3.6
6	☐	1.000		21288290.85		A	0.3
7	☐	1.000		20771170.49		A	0.5
8	☐	1.000		20723077.18		A	0.5
9	☐	1.000		18435090.31		A	1.0

115 In (ISTD) [He]

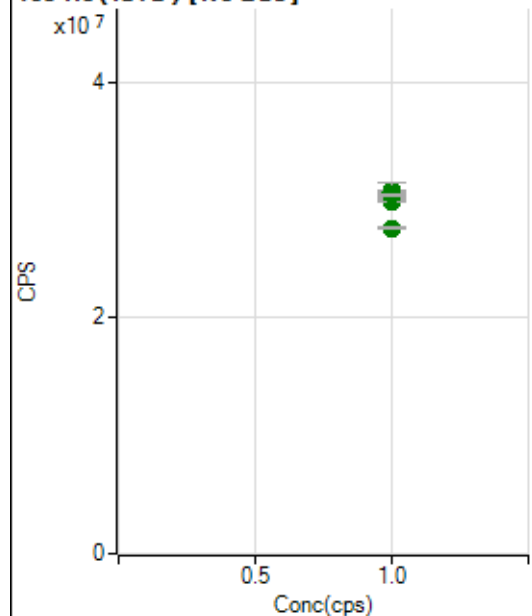
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5101218.28		P	0.1
2	☐	1.000					
3	☐	1.000		5194137.48		P	1.3
4	☐	1.000		5028884.77		P	0.5
5	☐	1.000		4725423.09		P	1.5
6	☐	1.000		4648858.53		P	0.7
7	☐	1.000		4552143.64		P	0.2
8	☐	1.000		4419629.53		P	0.8
9	☐	1.000		4109387.08		P	0.5

159 Tb (ISTD) [No Gas]

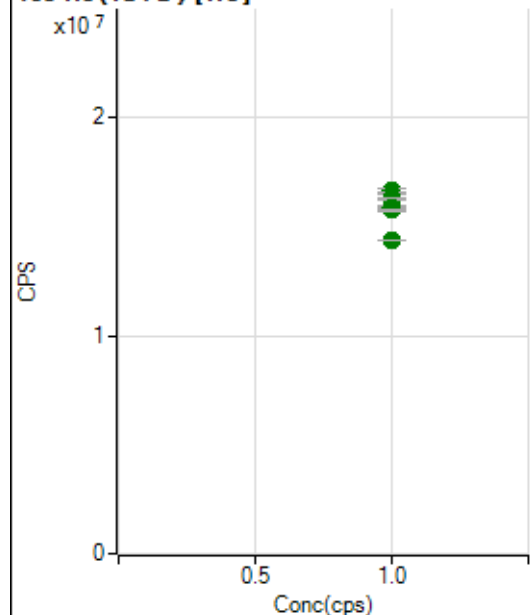
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		31251020.92		A	0.6
2	☐	1.000					
3	☐	1.000		31507392.86		A	0.7
4	☐	1.000		31543448.70		A	0.1
5	☐	1.000		31324968.42		A	3.9
6	☐	1.000		30569393.16		A	0.4
7	☐	1.000		30350483.44		A	0.5
8	☐	1.000		30752838.99		A	0.9
9	☐	1.000		28087185.97		A	0.4

159 Tb (ISTD) [He]

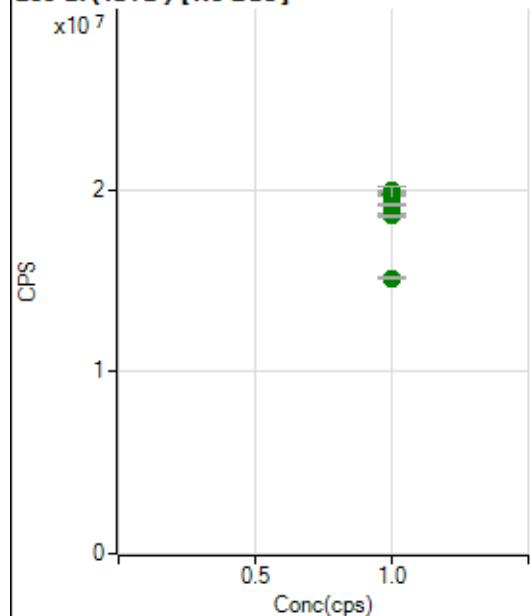
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		16245540.45		A	1.0
2	☐	1.000					
3	☐	1.000		16242899.06		A	0.5
4	☐	1.000		15972136.01		A	0.3
5	☐	1.000		15395678.24		A	1.7
6	☐	1.000		15442030.88		A	1.1
7	☐	1.000		15315247.97		A	0.1
8	☐	1.000		15319578.11		A	0.1
9	☐	1.000		14007361.87		A	0.2

165 Ho (ISTD) [No Gas]

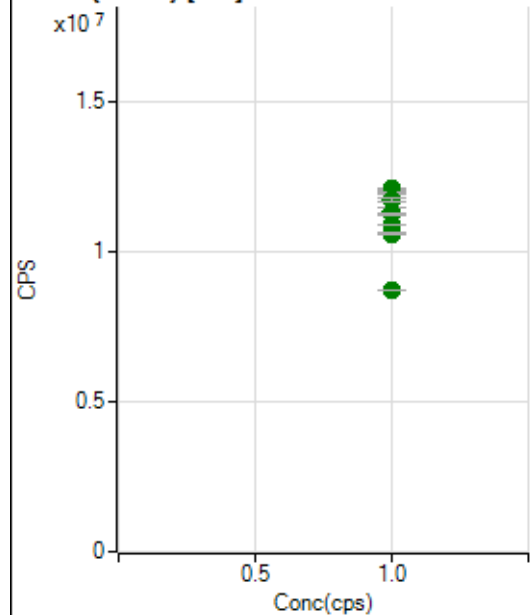
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		30589795.82		A	0.3
2	☐	1.000					
3	☐	1.000		30800996.87		A	0.5
4	☐	1.000		30654962.84		A	0.2
5	☐	1.000		30754817.01		A	4.4
6	☐	1.000		30165150.33		A	0.1
7	☐	1.000		29856097.89		A	0.1
8	☐	1.000		30457318.73		A	0.4
9	☐	1.000		27617853.04		A	0.6

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		16650301.70		A	0.9
2	☐	1.000					
3	☐	1.000		16546911.56		A	0.3
4	☐	1.000		16290465.87		A	0.6
5	☐	1.000		15799028.24		A	1.5
6	☐	1.000		15871586.15		A	0.8
7	☐	1.000		15755824.49		A	0.4
8	☐	1.000		15759397.27		A	0.3
9	☐	1.000		14407743.67		A	0.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		19755570.82		A	0.2
2	☐	1.000					
3	☐	1.000		19932996.51		A	0.4
4	☐	1.000		19701959.57		A	0.4
5	☐	1.000		19709884.57		A	4.5
6	☐	1.000		19137074.02		A	0.6
7	☐	1.000		18621024.72		A	0.7
8	☐	1.000		18560399.72		A	0.2
9	☐	1.000		15147535.05		A	1.0

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		12089471.49		A	0.4
2	☐	1.000					
3	☐	1.000		11978710.73		A	0.5
4	☐	1.000		11713098.72		A	0.9
5	☐	1.000		11346003.31		A	2.4
6	☐	1.000		11254268.79		A	0.6
7	☐	1.000		10900087.89		A	0.4
8	☐	1.000		10598454.84		A	0.2
9	☐	1.000		8724731.54		A	0.3

US EPA Tune Check Sample Report

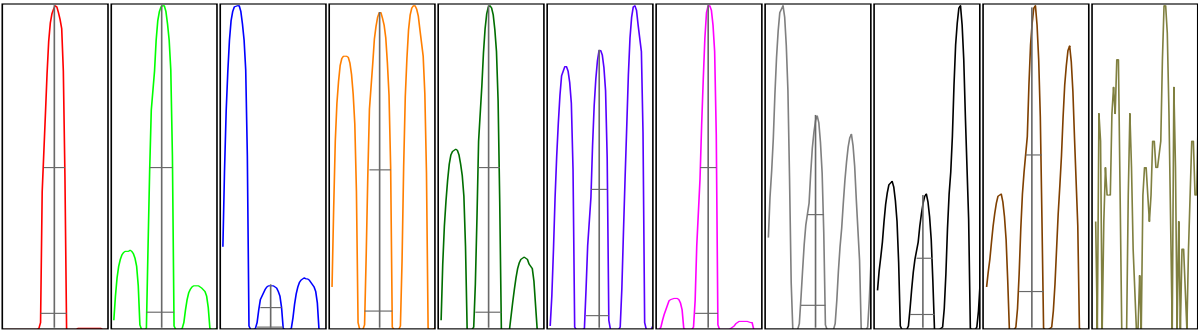
Batch Folder D:\ICP-MS Data\P7041919-IMS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	24332	0.20	5.00	
24	423363	0.48	5.00	
25	56802	0.49	5.00	
26	65992	0.24	5.00	
59	160486	0.31	5.00	
113	20578	0.64	5.00	
115	243058	0.54	5.00	
206	61280	0.46	5.00	
207	57622	0.28	5.00	
208	132941	0.67	5.00	
220	0	41.11		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	24409	24335	24289	24298	24331
24	424932	425589	420516	422464	423312
25	57195	56621	56538	56676	56979
26	66158	66051	65748	65944	66059
59	160523	160332	159740	161068	160769
113	20666	20764	20469	20515	20476
115	243285	245077	242899	241478	242552
206	61061	61636	60967	61237	61500
207	57471	57445	57790	57780	57622
208	132244	131861	133000	133622	133977
220	0	0	0	0	0

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	40266	9.00	8.9 - 9.1		0.741	0.900	
24	680782	23.95	23.9 - 24.1		0.786	0.900	
25	92707	24.95	24.9 - 25.1		0.781	0.900	
26	107216	25.95	25.9 - 26.1		0.785	0.900	
59	277755	58.95	58.9 - 59.1		0.776	0.900	
113	41635	113.00	112.9 - 113.1		0.682	0.900	
115	500568	115.00	114.9 - 115.1		0.671	0.900	
206	128201	205.95	205.9 - 206.1		0.701	0.900	
207	115204	206.90	206.9 - 207.1		0.702	0.900	
208	278620	207.90	207.9 - 208.1		0.708	0.900	
220			-				

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	8.5	V	Deflect	14.0	V
Extract 2	-115.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-55	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination		5.0 V
He Flow	0.0	mL/min	OctP RF	190	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	41729	0.34	
89	149197	0.46	
205	55178	0.76	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	41600	41593	41763	41748	41940
89	148326	149284	148718	149996	149662
205	54628	54841	55430	55382	55607

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.0	V	Deflect	1.8	V
Extract 2	-135.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-70	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 14:37:21	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.05	0.02	-0.07	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-1	-0.02	0.00	0.02	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.04	0.03	0.00	0.00	N/A	ppb
Boron	11-1	0.02	0.02	-0.04	0.00	N/A	ppb
Cadmium	111-1	0.09	-0.05	-0.05	0.00	N/A	ppb
Cadmium	106-1	1.18	-0.60	-0.59	0.00	N/A	ppb
Cadmium	108-1	0.01	-0.01	-0.01	0.00	N/A	ppb
Calcium	43-1	0.76	-0.58	-0.18	0.00	N/A	ppb
Calcium	44-1	0.01	0.16	-0.17	0.00	N/A	ppb
Chromium	52-2	-0.01	0.02	-0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.02	0.00	-0.02	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.04	-0.03	0.00	0.00	N/A	ppb
Iron	57-2	0.04	0.17	-0.20	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	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	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.03	-0.01	-0.02	0.00	N/A	ppb

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 14:37:21	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	0.01	0.00	N/A	ppb
Phosphorus	31-2	-25.70	-26.56	-27.99	-26.75		ppb
Potassium	39-2	1.30	-0.58	-0.71	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.05	0.05	-0.09	0.00	N/A	ppb
Selenium	78-2	-0.02	-0.07	0.09	0.00	N/A	ppb
Selenium	82-1	0.09	-0.07	-0.02	0.00	N/A	ppb
Silicon	28-1	-0.03	-0.12	0.15	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.19	0.26	-0.07	0.00	N/A	ppb
Strontium	86-1	-0.03	0.01	0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	1.48	-94.48	-19.28	-37.42		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.01	0.00	-0.01	0.00	N/A	ppb
Titanium	47-1	0.01	-0.01	0.00	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 14:37:21	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.01	0.03	-0.02	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.01	0.00	0.00	0.00	N/A	ppb

LB Number : LB102242 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-19 14:45:35 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.73	18.26	19.03	18.67	2.08	ppb
Antimony	121-1	1.98	2.05	2.05	2.03	2.10	ppb
Arsenic	75-1	0.88	0.95	1.10	0.98	11.34	ppb
Barium	135-1	10.66	10.45	10.39	10.50	1.35	ppb
Barium	137-1	10.67	10.54	10.57	10.59	0.65	ppb
Beryllium	9-1	1.03	1.03	1.07	1.05	2.01	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	23.52	25.10	24.90	24.51	3.51	ppb
Boron	11-1	24.46	25.03	25.32	24.94	1.75	ppb
Cadmium	111-1	1.12	1.04	1.11	1.09	3.91	ppb
Cadmium	106-1	2.12	1.22	1.75	1.70	26.84	ppb
Cadmium	108-1	0.88	1.31	1.05	1.08	19.79	ppb
Calcium	43-1	483.18	463.47	468.23	471.63	2.18	ppb
Calcium	44-1	480.00	478.61	478.97	479.19	0.15	ppb
Chromium	52-2	1.98	2.00	2.02	2.00	1.07	ppb
Cobalt	59-2	1.02	1.02	1.00	1.02	1.13	ppb
Copper	63-2	2.04	2.01	2.02	2.02	0.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	56-2	53.16	53.00	52.59	52.91	0.56	ppb
Iron	57-2	57.32	58.51	56.24	57.35	1.98	ppb
Krypton	83-1						cps
Lead	206-1	0.96	0.96	0.96	0.96	0.05	ppb
Lead	207-1	0.91	0.90	0.91	0.91	0.82	ppb
Lead	208-1	0.94	0.93	0.92	0.93	1.21	ppb
Lithium	6-1				99		%
Magnesium	24-2	496.87	496.06	492.20	495.04	0.50	ppb

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 14:45:35	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.96	1.06	1.02	1.01	5.03	ppb
Molybdenum	94-1	4.88	5.16	5.02	5.02	2.82	ppb
Molybdenum	95-1	5.09	5.11	5.22	5.14	1.34	ppb
Molybdenum	96-1	5.03	5.11	5.11	5.08	0.92	ppb
Molybdenum	97-1	5.05	5.22	5.20	5.16	1.84	ppb
Molybdenum	98-1	5.08	5.18	5.09	5.12	0.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.07	1.04	1.06	1.06	1.42	ppb
Phosphorus	31-2	35.76	28.19	16.31	26.75	36.65	ppb
Potassium	39-2	474.05	475.73	472.20	474.00	0.37	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	4.62	4.64	6.51	5.26	20.69	ppb
Selenium	78-2	5.68	5.14	5.12	5.31	5.96	ppb
Selenium	82-1	5.51	5.72	5.66	5.63	1.94	ppb
Silicon	28-1	9.98	9.79	10.12	9.96	1.67	ppb
Silver	109-1	1.22	1.21	1.22	1.22	0.44	ppb
Silver	107-1	1.21	1.21	1.27	1.23	2.79	ppb
Sodium	23-2	488.50	480.51	476.87	481.96	1.23	ppb
Strontium	86-1	0.97	0.96	0.94	0.96	1.76	ppb
Strontium	88-1	0.97	0.99	0.98	0.98	1.18	ppb
Sulfur	34-1	90.45	42.86	-21.04	37.42	149.47	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.92	0.91	0.90	0.91	1.53	ppb
Thallium	205-1	0.94	0.91	0.93	0.93	1.95	ppb
Thorium	232-1	0.83	0.81	0.81	0.81	1.28	ppb
Tin	118-1	5.40	5.42	5.43	5.42	0.27	ppb
Titanium	47-1	5.40	5.17	5.36	5.31	2.40	ppb
Uranium	238-1	0.85	0.83	0.83	0.84	1.24	ppb
Vanadium	51-2	5.12	5.08	5.04	5.08	0.79	ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 14:45:35	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.61	1.61	1.72	1.65	3.93	ppb
Zirconium	90-1	0.92	0.92	0.95	0.93	1.31	ppb
Zirconium	91-1	0.96	0.97	0.88	0.93	5.30	ppb

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 14:49:31	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	969.56	969.29	969.10	969.31	0.02	ppb
Antimony	121-1	53.50	53.71	53.71	53.64	0.23	ppb
Arsenic	75-1	51.54	51.81	51.98	51.78	0.43	ppb
Barium	135-1	261.49	264.33	266.52	264.11	0.95	ppb
Barium	137-1	264.85	266.50	263.85	265.07	0.50	ppb
Beryllium	9-1	53.08	54.63	53.97	53.89	1.44	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Boron	10-1	50.98	51.13	52.41	51.51	1.52	ppb
Boron	11-1	51.64	52.45	52.43	52.17	0.88	ppb
Cadmium	111-1	53.55	53.57	53.90	53.67	0.36	ppb
Cadmium	106-1	52.03	54.28	54.39	53.57	2.49	ppb
Cadmium	108-1	55.05	55.17	54.50	54.91	0.65	ppb
Calcium	43-1	5063.77	5118.84	5105.02	5095.88	0.56	ppb
Calcium	44-1	4990.61	5017.21	4894.40	4967.40	1.30	ppb
Chromium	52-2	52.23	52.10	52.06	52.13	0.17	ppb
Cobalt	59-2	53.40	52.82	53.42	53.22	0.64	ppb
Copper	63-2	107.92	107.00	107.22	107.38	0.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	2633.39	2606.66	2612.69	2617.58	0.54	ppb
Iron	57-2	2685.95	2649.47	2672.07	2669.17	0.69	ppb
Krypton	83-1						cps
Lead	206-1	49.73	50.76	50.70	50.40	1.15	ppb
Lead	207-1	49.27	50.23	50.15	49.88	1.06	ppb
Lead	208-1	49.51	50.43	50.63	50.19	1.19	ppb
Lithium	6-1				98		%
Magnesium	24-2	5080.03	5035.06	5096.66	5070.58	0.63	ppb

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 14:49:31	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	103.34	103.21	103.02	103.19	0.16	ppb
Molybdenum	94-1	257.24	253.65	254.42	255.10	0.74	ppb
Molybdenum	95-1	256.05	255.49	256.17	255.90	0.14	ppb
Molybdenum	96-1	256.75	253.13	255.40	255.09	0.72	ppb
Molybdenum	97-1	255.97	253.81	252.63	254.14	0.67	ppb
Molybdenum	98-1	254.84	254.51	255.15	254.84	0.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.55	53.12	53.85	53.51	0.69	ppb
Phosphorus	31-2	957.12	1058.91	1026.96	1014.33	5.13	ppb
Potassium	39-2	2449.64	2433.00	2453.26	2445.30	0.44	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	77-2	55.13	52.24	51.30	52.89	3.77	ppb
Selenium	78-2	51.94	54.94	54.90	53.93	3.19	ppb
Selenium	82-1	54.90	53.90	54.05	54.28	1.00	ppb
Silicon	28-1	59.69	61.05	60.85	60.53	1.21	ppb
Silver	109-1	56.28	56.38	55.98	56.21	0.37	ppb
Silver	107-1	55.78	56.09	56.81	56.23	0.94	ppb
Sodium	23-2	4935.66	4890.92	4931.13	4919.23	0.50	ppb
Strontium	86-1	52.38	51.26	51.89	51.84	1.09	ppb
Strontium	88-1	51.35	51.28	51.08	51.24	0.27	ppb
Sulfur	34-1	1069.59	965.09	980.82	1005.16	5.61	ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	48.89	49.40	50.21	49.50	1.35	ppb
Thallium	205-1	48.77	50.00	50.25	49.67	1.60	ppb
Thorium	232-1	46.49	46.85	46.94	46.76	0.51	ppb
Tin	118-1	53.16	53.63	53.51	53.43	0.46	ppb
Titanium	47-1	257.04	253.80	256.51	255.78	0.68	ppb
Uranium	238-1	46.84	46.71	47.11	46.88	0.43	ppb
Vanadium	51-2	50.64	50.25	50.55	50.48	0.41	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 14:49:31	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	106.37	105.99	106.89	106.41	0.43	ppb
Zirconium	90-1	50.77	51.22	50.76	50.92	0.52	ppb
Zirconium	91-1	50.86	51.65	51.08	51.19	0.80	ppb

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 14:53:43	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2431.41	2425.27	2470.03	2442.24	0.99	ppb
Antimony	121-1	136.04	133.10	126.59	131.91	3.66	ppb
Arsenic	75-1	132.99	129.72	121.81	128.17	4.48	ppb
Barium	135-1	675.79	660.48	621.21	652.49	4.31	ppb
Barium	137-1	678.34	661.22	622.51	654.02	4.37	ppb
Beryllium	9-1	136.65	132.52	127.30	132.16	3.55	ppb
Bismuth	209-1				100		%
Bismuth	209-2				94		%
Boron	10-1	126.68	128.64	123.17	126.16	2.20	ppb
Boron	11-1	128.25	128.38	123.56	126.73	2.17	ppb
Cadmium	111-1	134.58	131.52	123.85	129.98	4.25	ppb
Cadmium	106-1	135.25	132.86	122.60	130.24	5.16	ppb
Cadmium	108-1	139.05	132.86	126.75	132.89	4.63	ppb
Calcium	43-1	13081.98	12793.20	12018.37	12631.18	4.35	ppb
Calcium	44-1	12856.31	12388.66	11626.67	12290.54	5.05	ppb
Chromium	52-2	130.80	130.71	133.86	131.79	1.36	ppb
Cobalt	59-2	131.94	132.50	136.02	133.49	1.66	ppb
Copper	63-2	268.31	270.46	277.07	271.95	1.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				95		%
Indium	115-1				96		%
Indium	115-2				93		%
Iron	56-2	6574.82	6588.80	6768.51	6644.04	1.63	ppb
Iron	57-2	6728.50	6736.55	6881.82	6782.29	1.27	ppb
Krypton	83-1						cps
Lead	206-1	128.31	126.93	119.46	124.90	3.81	ppb
Lead	207-1	127.74	126.11	119.20	124.35	3.64	ppb
Lead	208-1	128.91	126.45	120.01	125.12	3.68	ppb
Lithium	6-1				94		%
Magnesium	24-2	12598.29	12625.22	12924.73	12716.08	1.42	ppb

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 14:53:43	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	260.20	259.39	268.33	262.64	1.88	ppb
Molybdenum	94-1	665.56	645.97	614.47	642.00	4.01	ppb
Molybdenum	95-1	650.25	626.97	598.89	625.37	4.11	ppb
Molybdenum	96-1	647.98	632.05	596.82	625.62	4.18	ppb
Molybdenum	97-1	654.17	642.34	605.30	633.94	4.02	ppb
Molybdenum	98-1	648.31	629.10	592.21	623.21	4.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	132.96	134.61	138.43	135.33	2.07	ppb
Phosphorus	31-2	2553.43	2608.86	2715.42	2625.91	3.14	ppb
Potassium	39-2	6087.66	6117.92	6294.37	6166.65	1.81	ppb
Rhodium	103-1				93		%
Rhodium	103-2				89		%
Scandium	45-1				94		%
Scandium	45-2				88		%
Selenium	77-2	130.24	136.78	139.63	135.55	3.55	ppb
Selenium	78-2	131.04	136.40	137.53	134.99	2.57	ppb
Selenium	82-1	138.56	135.35	128.88	134.26	3.67	ppb
Silicon	28-1	152.15	149.58	139.80	147.18	4.43	ppb
Silver	109-1	140.93	137.55	129.12	135.87	4.48	ppb
Silver	107-1	139.51	137.28	129.72	135.51	3.79	ppb
Sodium	23-2	12397.44	12373.78	12655.21	12475.48	1.25	ppb
Strontium	86-1	131.84	127.83	123.23	127.64	3.38	ppb
Strontium	88-1	129.69	125.55	119.60	124.95	4.06	ppb
Sulfur	34-1	2636.93	2339.77	1818.88	2265.19	18.28	ppb
Terbium	159-1				100		%
Terbium	159-2				95		%
Thallium	203-1	127.26	125.94	118.21	123.81	3.95	ppb
Thallium	205-1	127.54	123.18	115.29	122.00	5.09	ppb
Thorium	232-1	120.36	117.54	110.92	116.27	4.17	ppb
Tin	118-1	135.41	133.13	124.85	131.13	4.24	ppb
Titanium	47-1	662.25	641.62	606.42	636.76	4.43	ppb
Uranium	238-1	120.47	117.38	111.40	116.42	3.96	ppb
Vanadium	51-2	125.59	127.27	130.19	127.68	1.82	ppb
Yttrium	89-1				95		%
Yttrium	89-2				91		%

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 14:53:43	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	268.06	270.22	274.43	270.91	1.20	ppb
Zirconium	90-1	132.17	127.91	121.51	127.20	4.22	ppb
Zirconium	91-1	130.52	128.92	121.10	126.85	3.98	ppb

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 14:57:31	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4741.86	4786.43	4806.20	4778.17	0.69	ppb
Antimony	121-1	258.84	262.59	267.55	262.99	1.66	ppb
Arsenic	75-1	256.87	260.43	263.88	260.39	1.35	ppb
Barium	135-1	1303.11	1310.87	1333.28	1315.76	1.19	ppb
Barium	137-1	1272.35	1267.06	1279.93	1273.11	0.51	ppb
Beryllium	9-1	260.51	261.38	262.19	261.36	0.32	ppb
Bismuth	209-1				97		%
Bismuth	209-2				93		%
Boron	10-1	249.68	258.21	256.36	254.75	1.76	ppb
Boron	11-1	249.96	257.30	259.71	255.66	1.99	ppb
Cadmium	111-1	254.30	255.88	260.10	256.76	1.17	ppb
Cadmium	106-1	256.07	252.42	259.18	255.89	1.32	ppb
Cadmium	108-1	257.51	257.80	260.18	258.50	0.57	ppb
Calcium	43-1	25294.09	25421.10	25963.74	25559.64	1.39	ppb
Calcium	44-1	24988.90	24813.38	25001.84	24934.71	0.42	ppb
Chromium	52-2	258.09	259.14	258.86	258.70	0.21	ppb
Cobalt	59-2	262.75	262.85	264.67	263.42	0.41	ppb
Copper	63-2	524.32	528.47	532.00	528.26	0.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				95		%
Indium	115-1				91		%
Indium	115-2				91		%
Iron	56-2	13025.65	12923.25	13062.19	13003.70	0.55	ppb
Iron	57-2	13293.90	13281.79	13395.46	13323.72	0.47	ppb
Krypton	83-1						cps
Lead	206-1	259.03	257.88	258.34	258.41	0.22	ppb
Lead	207-1	256.66	254.64	255.55	255.62	0.40	ppb
Lead	208-1	254.15	252.27	252.54	252.98	0.40	ppb
Lithium	6-1				89		%
Magnesium	24-2	24954.56	25033.46	24986.40	24991.48	0.16	ppb

LB Number : LB102242 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-19 14:57:31 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	511.39	512.72	515.18	513.10	0.37	ppb
Molybdenum	94-1	1267.75	1262.15	1272.14	1267.35	0.40	ppb
Molybdenum	95-1	1273.45	1273.16	1278.44	1275.02	0.23	ppb
Molybdenum	96-1	1273.83	1264.25	1270.21	1269.43	0.38	ppb
Molybdenum	97-1	1274.25	1255.18	1265.21	1264.88	0.75	ppb
Molybdenum	98-1	1270.73	1271.82	1274.18	1272.25	0.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	261.17	263.10	263.99	262.75	0.55	ppb
Phosphorus	31-2	5179.75	5234.42	5033.54	5149.24	2.02	ppb
Potassium	39-2	11994.67	11986.73	11981.88	11987.76	0.05	ppb
Rhodium	103-1				88		%
Rhodium	103-2				87		%
Scandium	45-1				88		%
Scandium	45-2				86		%
Selenium	77-2	260.68	261.78	263.61	262.02	0.57	ppb
Selenium	78-2	260.78	256.76	267.45	261.66	2.06	ppb
Selenium	82-1	267.53	269.14	269.23	268.63	0.36	ppb
Silicon	28-1	288.43	293.63	300.74	294.26	2.10	ppb
Silver	109-1	257.72	256.09	256.28	256.69	0.35	ppb
Silver	107-1	257.57	257.23	260.34	258.38	0.66	ppb
Sodium	23-2	24636.29	24465.00	24473.26	24524.85	0.39	ppb
Strontium	86-1	258.53	256.83	261.37	258.91	0.89	ppb
Strontium	88-1	255.55	252.90	251.82	253.42	0.76	ppb
Sulfur	34-1	4678.04	4596.12	4726.46	4666.87	1.41	ppb
Terbium	159-1				98		%
Terbium	159-2				95		%
Thallium	203-1	254.18	254.11	257.42	255.24	0.74	ppb
Thallium	205-1	251.03	247.42	248.69	249.05	0.74	ppb
Thorium	232-1	246.97	239.19	243.19	243.11	1.60	ppb
Tin	118-1	259.28	261.20	264.28	261.59	0.96	ppb
Titanium	47-1	1284.60	1286.30	1304.22	1291.70	0.84	ppb
Uranium	238-1	245.62	240.45	242.03	242.70	1.09	ppb
Vanadium	51-2	249.43	251.05	251.41	250.63	0.42	ppb
Yttrium	89-1				90		%
Yttrium	89-2				90		%

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 14:57:31	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	528.05	525.05	529.16	527.42	0.40	ppb
Zirconium	90-1	253.56	251.42	252.92	252.63	0.43	ppb
Zirconium	91-1	257.73	257.69	257.90	257.77	0.04	ppb

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:01:16	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9639.95	9417.45	9544.96	9534.12	1.17	ppb
Antimony	121-1	504.77	506.77	503.40	504.98	0.34	ppb
Arsenic	75-1	500.01	509.93	504.55	504.83	0.98	ppb
Barium	135-1	2512.35	2525.87	2512.72	2516.98	0.31	ppb
Barium	137-1	2521.16	2513.96	2525.70	2520.27	0.23	ppb
Beryllium	9-1	511.69	512.09	513.42	512.40	0.18	ppb
Bismuth	209-1				94		%
Bismuth	209-2				90		%
Boron	10-1	496.90	503.12	512.71	504.24	1.58	ppb
Boron	11-1	499.86	514.01	518.49	510.79	1.90	ppb
Cadmium	111-1	493.77	495.31	495.84	494.97	0.22	ppb
Cadmium	106-1	493.95	502.16	506.21	500.77	1.25	ppb
Cadmium	108-1	498.69	504.07	502.65	501.81	0.56	ppb
Calcium	43-1	50019.10	51256.92	50832.70	50702.91	1.24	ppb
Calcium	44-1	49393.34	49779.23	49426.96	49533.18	0.43	ppb
Chromium	52-2	514.72	504.73	517.71	512.39	1.33	ppb
Cobalt	59-2	517.60	513.12	522.42	517.71	0.90	ppb
Copper	63-2	1012.53	1000.44	1011.42	1008.13	0.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				95		%
Indium	115-1				89		%
Indium	115-2				89		%
Iron	56-2	25811.43	25478.91	25891.82	25727.38	0.85	ppb
Iron	57-2	26397.03	26086.09	26572.40	26351.84	0.93	ppb
Krypton	83-1						cps
Lead	206-1	500.28	506.22	501.96	502.82	0.61	ppb
Lead	207-1	497.22	500.86	501.71	499.93	0.48	ppb
Lead	208-1	496.47	503.10	501.50	500.35	0.69	ppb
Lithium	6-1				86		%
Magnesium	24-2	49811.18	48946.88	49297.39	49351.82	0.88	ppb

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:01:16	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1033.81	1017.93	1029.27	1027.00	0.80	ppb
Molybdenum	94-1	2501.76	2462.62	2515.51	2493.30	1.10	ppb
Molybdenum	95-1	2499.50	2474.73	2517.59	2497.27	0.86	ppb
Molybdenum	96-1	2518.21	2492.16	2532.08	2514.15	0.81	ppb
Molybdenum	97-1	2523.13	2494.94	2522.19	2513.42	0.64	ppb
Molybdenum	98-1	2498.08	2503.22	2534.05	2511.78	0.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	516.03	511.85	516.49	514.79	0.50	ppb
Phosphorus	31-2	10230.45	9926.92	10209.45	10122.27	1.67	ppb
Potassium	39-2	23967.06	23886.48	24020.15	23957.90	0.28	ppb
Rhodium	103-1				85		%
Rhodium	103-2				84		%
Scandium	45-1				86		%
Scandium	45-2				85		%
Selenium	77-2	501.45	506.31	499.40	502.39	0.71	ppb
Selenium	78-2	499.83	500.65	507.97	502.82	0.89	ppb
Selenium	82-1	506.25	504.35	516.79	509.13	1.32	ppb
Silicon	28-1	509.88	522.63	525.56	519.36	1.61	ppb
Silver	109-1	502.40	503.78	497.89	501.36	0.61	ppb
Silver	107-1	500.60	501.16	500.92	500.89	0.06	ppb
Sodium	23-2	48899.80	48316.87	48791.06	48669.24	0.64	ppb
Strontium	86-1	508.04	509.24	518.31	511.86	1.10	ppb
Strontium	88-1	499.01	500.14	508.70	502.62	1.05	ppb
Sulfur	34-1	9900.38	10004.73	10139.35	10014.82	1.20	ppb
Terbium	159-1				97		%
Terbium	159-2				94		%
Thallium	203-1	501.19	503.46	498.19	500.95	0.53	ppb
Thallium	205-1	499.03	509.69	499.10	502.61	1.22	ppb
Thorium	232-1	487.24	494.20	493.73	491.72	0.79	ppb
Tin	118-1	507.81	502.12	499.45	503.13	0.85	ppb
Titanium	47-1	2515.11	2527.28	2528.13	2523.51	0.29	ppb
Uranium	238-1	491.90	493.29	495.02	493.40	0.32	ppb
Vanadium	51-2	502.18	497.34	506.75	502.09	0.94	ppb
Yttrium	89-1				90		%
Yttrium	89-2				89		%

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:01:16	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1010.69	1007.20	1026.76	1014.88	1.03	ppb
Zirconium	90-1	502.42	499.73	499.94	500.69	0.30	ppb
Zirconium	91-1	504.72	506.52	511.72	507.65	0.72	ppb

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:05:01	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18795.34	18513.18	18898.89	18735.80	1.07	ppb
Antimony	121-1	994.37	983.45	1001.83	993.22	0.93	ppb
Arsenic	75-1	991.68	995.55	996.28	994.50	0.25	ppb
Barium	135-1	5010.13	4911.53	4991.13	4970.93	1.05	ppb
Barium	137-1	5010.46	4956.65	4972.00	4979.70	0.56	ppb
Beryllium	9-1	991.47	990.74	987.40	989.87	0.22	ppb
Bismuth	209-1				94		%
Bismuth	209-2				88		%
Boron	10-1	987.83	990.72	1010.89	996.48	1.26	ppb
Boron	11-1	982.20	979.94	1016.47	992.87	2.06	ppb
Cadmium	111-1	994.11	987.57	1018.38	1000.02	1.62	ppb
Cadmium	106-1	991.53	995.44	1004.95	997.31	0.69	ppb
Cadmium	108-1	992.35	985.61	1009.26	995.74	1.22	ppb
Calcium	43-1	98586.79	97673.26	98207.46	98155.83	0.47	ppb
Calcium	44-1	98869.79	98023.51	98009.35	98300.88	0.50	ppb
Chromium	52-2	995.93	979.41	996.68	990.68	0.99	ppb
Cobalt	59-2	988.23	975.55	995.92	986.56	1.04	ppb
Copper	63-2	2002.52	1960.13	1994.63	1985.76	1.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				95		%
Indium	115-1				89		%
Indium	115-2				87		%
Iron	56-2	51069.05	49991.87	51418.24	50826.39	1.46	ppb
Iron	57-2	50911.54	50327.25	51498.84	50912.54	1.15	ppb
Krypton	83-1						cps
Lead	206-1	991.96	1001.40	996.07	996.48	0.48	ppb
Lead	207-1	996.92	995.70	1003.53	998.72	0.42	ppb
Lead	208-1	998.94	996.66	1001.56	999.05	0.25	ppb
Lithium	6-1				86		%
Magnesium	24-2	98063.32	96867.58	98301.33	97744.07	0.79	ppb

LB Number : LB102242 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-19 15:05:01 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1981.85	1961.66	2000.95	1981.49	0.99	ppb
Molybdenum	94-1	4986.40	4980.68	5022.82	4996.63	0.46	ppb
Molybdenum	95-1	4989.18	5001.70	4993.42	4994.77	0.13	ppb
Molybdenum	96-1	4992.26	4989.50	4981.44	4987.73	0.11	ppb
Molybdenum	97-1	5002.41	4976.63	4985.69	4988.25	0.26	ppb
Molybdenum	98-1	4992.46	4988.62	4984.50	4988.53	0.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	992.66	976.34	994.86	987.95	1.02	ppb
Phosphorus	31-2	19896.77	19674.25	20084.28	19885.10	1.03	ppb
Potassium	39-2	47438.25	47057.33	47803.06	47432.88	0.79	ppb
Rhodium	103-1				84		%
Rhodium	103-2				82		%
Scandium	45-1				87		%
Scandium	45-2				85		%
Selenium	77-2	998.58	973.27	1011.16	994.34	1.94	ppb
Selenium	78-2	998.54	984.56	999.58	994.23	0.84	ppb
Selenium	82-1	985.61	985.15	997.45	989.40	0.70	ppb
Silicon	28-1	969.16	981.68	977.03	975.96	0.65	ppb
Silver	109-1	998.65	982.79	1006.49	995.98	1.21	ppb
Silver	107-1	989.31	988.17	1010.01	995.83	1.23	ppb
Sodium	23-2	96982.25	95507.42	97330.15	96606.60	1.00	ppb
Strontium	86-1	1001.33	982.64	990.29	991.42	0.95	ppb
Strontium	88-1	1000.52	997.76	995.06	997.78	0.27	ppb
Sulfur	34-1	20199.21	20059.00	20056.68	20104.96	0.41	ppb
Terbium	159-1				98		%
Terbium	159-2				94		%
Thallium	203-1	998.08	1001.44	995.65	998.39	0.29	ppb
Thallium	205-1	993.03	1002.75	1002.19	999.32	0.55	ppb
Thorium	232-1	1013.88	1004.43	1003.03	1007.11	0.59	ppb
Tin	118-1	993.65	981.05	1009.10	994.60	1.41	ppb
Titanium	47-1	4986.27	4973.97	4967.95	4976.06	0.19	ppb
Uranium	238-1	1015.70	997.65	1005.71	1006.35	0.90	ppb
Vanadium	51-2	1002.95	987.47	1004.89	998.44	0.96	ppb
Yttrium	89-1				90		%
Yttrium	89-2				89		%

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:05:01	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1986.17	1961.78	2000.36	1982.77	0.98	ppb
Zirconium	90-1	993.64	996.89	1005.50	998.67	0.61	ppb
Zirconium	91-1	991.19	996.09	994.54	993.94	0.25	ppb

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:08:48	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100105.79	100125.39	100705.63	100312.27	0.34	ppb
Antimony	121-1	1.21	1.24	1.19	1.21	2.08	ppb
Arsenic	75-1	1.35	1.32	1.42	1.37	3.70	ppb
Barium	135-1	0.94	0.80	0.81	0.85	9.14	ppb
Barium	137-1	0.91	0.85	0.85	0.87	3.94	ppb
Beryllium	9-1	0.16	0.14	0.12	0.14	13.00	ppb
Bismuth	209-1				77		%
Bismuth	209-2				72		%
Boron	10-1	51.47	46.49	42.61	46.86	9.49	ppb
Boron	11-1	50.73	45.77	41.99	46.16	9.50	ppb
Cadmium	111-1	0.05	0.01	-0.06	0.00	2489.69	ppb
Cadmium	106-1	-0.67	-1.03	-1.59	-1.10		ppb
Cadmium	108-1	0.16	0.12	0.13	0.14	15.59	ppb
Calcium	43-1	506767.63	497117.26	496914.16	500266.35	1.13	ppb
Calcium	44-1	504032.28	497635.60	499518.18	500395.35	0.66	ppb
Chromium	52-2	3.23	3.29	3.29	3.27	0.97	ppb
Cobalt	59-2	11.42	11.43	11.58	11.47	0.76	ppb
Copper	63-2	1.72	1.76	1.76	1.75	1.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				87		%
Indium	115-1				79		%
Indium	115-2				81		%
Iron	56-2	248993.91	249655.48	250527.93	249725.77	0.31	ppb
Iron	57-2	249239.28	250358.50	249280.59	249626.12	0.25	ppb
Krypton	83-1						cps
Lead	206-1	1.32	1.27	1.18	1.26	5.73	ppb
Lead	207-1	1.26	1.22	1.12	1.20	6.26	ppb
Lead	208-1	1.28	1.24	1.14	1.22	5.91	ppb
Lithium	6-1				78		%
Magnesium	24-2	500827.06	495866.84	504837.08	500510.33	0.90	ppb

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:08:48	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5.64	5.45	5.54	5.54	1.72	ppb
Molybdenum	94-1	2.49	2.21	2.26	2.32	6.57	ppb
Molybdenum	95-1	3.00	2.86	2.52	2.79	8.73	ppb
Molybdenum	96-1	4.19	3.83	3.65	3.89	7.05	ppb
Molybdenum	97-1	2.83	2.59	2.54	2.65	5.88	ppb
Molybdenum	98-1	2.86	2.59	2.40	2.62	8.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.47	9.69	9.71	9.62	1.40	ppb
Phosphorus	31-2	-10.42	-13.13	-10.98	-11.51		ppb
Potassium	39-2	250747.64	249012.22	252177.93	250645.93	0.63	ppb
Rhodium	103-1				72		%
Rhodium	103-2				72		%
Scandium	45-1				81		%
Scandium	45-2				85		%
Selenium	77-2	0.41	0.24	0.57	0.41	40.69	ppb
Selenium	78-2	0.04	-0.07	-0.16	-0.07		ppb
Selenium	82-1	0.75	0.33	0.26	0.44	59.54	ppb
Silicon	28-1	103.14	106.43	107.23	105.60	2.05	ppb
Silver	109-1	0.10	0.10	0.08	0.09	10.09	ppb
Silver	107-1	0.09	0.08	0.08	0.08	10.49	ppb
Sodium	23-2	497689.74	501887.70	502933.41	500836.95	0.55	ppb
Strontium	86-1	4.46	4.26	4.37	4.36	2.29	ppb
Strontium	88-1	4.39	4.40	4.30	4.36	1.20	ppb
Sulfur	34-1	-621.23	-628.26	-570.42	-606.64		ppb
Terbium	159-1				90		%
Terbium	159-2				86		%
Thallium	203-1	0.12	0.11	0.09	0.11	13.24	ppb
Thallium	205-1	0.12	0.10	0.10	0.11	13.50	ppb
Thorium	232-1	0.50	0.43	0.41	0.45	10.19	ppb
Tin	118-1	0.64	0.52	0.54	0.57	10.84	ppb
Titanium	47-1	2.14	2.06	2.01	2.07	3.05	ppb
Uranium	238-1	0.11	0.09	0.07	0.09	20.76	ppb
Vanadium	51-2	0.24	0.26	0.27	0.26	6.02	ppb
Yttrium	89-1				82		%
Yttrium	89-2				84		%

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:08:48	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	14.55	14.34	14.46	14.45	0.75	ppb
Zirconium	90-1	0.33	0.31	0.27	0.30	9.38	ppb
Zirconium	91-1	0.32	0.30	0.29	0.30	5.45	ppb

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:14:26	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	531.40	531.24	533.60	532.08	0.25	ppb
Antimony	121-1	201.60	200.47	202.92	201.67	0.61	ppb
Arsenic	75-1	196.07	192.98	199.02	196.02	1.54	ppb
Barium	135-1	102.12	101.19	102.49	101.93	0.66	ppb
Barium	137-1	101.07	99.05	101.75	100.62	1.39	ppb
Beryllium	9-1	99.41	100.30	100.79	100.17	0.70	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	13.43	13.44	12.61	13.16	3.61	ppb
Boron	11-1	12.88	13.10	12.39	12.79	2.82	ppb
Cadmium	111-1	99.04	98.98	101.12	99.71	1.22	ppb
Cadmium	106-1	79.96	77.74	79.34	79.01	1.45	ppb
Cadmium	108-1	85.92	85.99	85.84	85.92	0.09	ppb
Calcium	43-1	1959.48	1936.21	1955.97	1950.55	0.64	ppb
Calcium	44-1	1965.32	1951.12	1978.60	1965.01	0.70	ppb
Chromium	52-2	98.52	99.60	99.49	99.20	0.60	ppb
Cobalt	59-2	102.39	103.44	102.06	102.63	0.70	ppb
Copper	63-2	104.68	104.66	103.80	104.38	0.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				102		%
Iron	56-2	1024.34	1033.51	1014.70	1024.18	0.92	ppb
Iron	57-2	1032.74	1047.40	1028.63	1036.26	0.95	ppb
Krypton	83-1						cps
Lead	206-1	199.67	199.37	200.79	199.94	0.38	ppb
Lead	207-1	191.02	190.15	192.58	191.25	0.64	ppb
Lead	208-1	193.39	192.69	194.20	193.43	0.39	ppb
Lithium	6-1				97		%
Magnesium	24-2	1179.78	1178.41	1172.05	1176.75	0.35	ppb

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:14:26	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	97.17	97.87	97.34	97.46	0.38	ppb
Molybdenum	94-1	0.21	0.20	0.24	0.22	9.88	ppb
Molybdenum	95-1	0.21	0.20	0.17	0.20	9.36	ppb
Molybdenum	96-1	0.23	0.21	0.19	0.21	9.95	ppb
Molybdenum	97-1	0.20	0.17	0.19	0.19	9.00	ppb
Molybdenum	98-1	0.22	0.22	0.19	0.21	7.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.99	104.60	104.23	104.27	0.29	ppb
Phosphorus	31-2	-30.00	-25.92	-32.61	-29.51		ppb
Potassium	39-2	1907.81	1904.72	1903.37	1905.30	0.12	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	77-2	204.25	210.34	201.25	205.28	2.26	ppb
Selenium	78-2	208.85	208.72	211.89	209.82	0.85	ppb
Selenium	82-1	206.97	208.11	212.74	209.27	1.46	ppb
Silicon	28-1	3.87	3.27	4.05	3.73	10.88	ppb
Silver	109-1	105.32	105.35	108.45	106.37	1.70	ppb
Silver	107-1	105.85	106.10	108.49	106.81	1.36	ppb
Sodium	23-2	1983.30	2006.22	1979.00	1989.50	0.74	ppb
Strontium	86-1	2.37	2.29	2.44	2.37	3.24	ppb
Strontium	88-1	2.27	2.31	2.28	2.29	0.71	ppb
Sulfur	34-1	-390.39	-575.45	-462.15	-476.00		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	194.88	197.11	200.39	197.46	1.41	ppb
Thallium	205-1	195.35	195.91	195.33	195.53	0.17	ppb
Thorium	232-1	0.07	0.07	0.07	0.07	2.00	ppb
Tin	118-1	0.12	0.09	0.08	0.09	19.41	ppb
Titanium	47-1	0.09	0.06	0.13	0.10	34.36	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	4.08	ppb
Vanadium	51-2	96.55	97.17	95.60	96.44	0.82	ppb
Yttrium	89-1				98		%
Yttrium	89-2				100		%

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:14:26	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	202.80	204.80	206.15	204.58	0.82	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	4.08	ppb
Zirconium	91-1	0.15	0.11	0.15	0.14	18.69	ppb

LB Number : LB102242 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-19 15:18:14 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.02	0.18	0.40	0.20	94.13	ppb
Antimony	121-1	0.13	0.13	0.14	0.13	4.69	ppb
Arsenic	75-1	0.04	0.02	0.16	0.07	106.68	ppb
Barium	135-1	0.03	0.04	0.02	0.03	39.60	ppb
Barium	137-1	0.04	0.03	0.02	0.03	27.87	ppb
Beryllium	9-1	0.05	0.05	0.04	0.05	8.47	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	9.08	8.23	8.42	8.58	5.23	ppb
Boron	11-1	8.72	8.56	8.41	8.56	1.83	ppb
Cadmium	111-1	-0.01	0.01	-0.06	-0.02		ppb
Cadmium	106-1	-0.38	-0.10	-0.96	-0.48		ppb
Cadmium	108-1	0.00	0.02	0.02	0.01	84.17	ppb
Calcium	43-1	2.57	1.95	2.42	2.31	14.07	ppb
Calcium	44-1	4.20	4.24	3.73	4.06	6.99	ppb
Chromium	52-2	0.00	0.02	0.03	0.02	76.36	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	114.22	ppb
Copper	63-2	0.03	0.04	0.04	0.04	24.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	0.66	0.70	0.72	0.69	4.37	ppb
Iron	57-2	0.60	0.68	-0.24	0.35	146.95	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.04	0.02	0.03	40.55	ppb
Lead	207-1	0.03	0.03	0.03	0.03	9.20	ppb
Lead	208-1	0.04	0.03	0.02	0.03	29.60	ppb
Lithium	6-1				99		%
Magnesium	24-2	1.30	1.25	1.36	1.30	4.21	ppb

LB Number : LB102242 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-19 15:18:14 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.01	0.01	0.01	7.49	ppb
Molybdenum	94-1	0.07	0.07	0.06	0.07	8.00	ppb
Molybdenum	95-1	0.06	0.08	0.08	0.07	12.80	ppb
Molybdenum	96-1	0.09	0.07	0.07	0.07	14.15	ppb
Molybdenum	97-1	0.06	0.10	0.08	0.08	25.45	ppb
Molybdenum	98-1	0.08	0.09	0.08	0.08	9.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	0.01	0.01	116.44	ppb
Phosphorus	31-2	-30.27	-14.77	-20.10	-21.72		ppb
Potassium	39-2	6.33	4.84	6.22	5.80	14.33	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	77-2	-0.09	0.05	0.05	0.00		ppb
Selenium	78-2	0.11	-0.27	0.17	0.00	11901.06	ppb
Selenium	82-1	0.11	0.20	-0.04	0.09	134.81	ppb
Silicon	28-1	0.70	0.64	0.87	0.74	15.80	ppb
Silver	109-1	0.02	0.02	0.02	0.02	16.19	ppb
Silver	107-1	0.03	0.04	0.02	0.03	28.24	ppb
Sodium	23-2	22.51	20.68	20.49	21.23	5.26	ppb
Strontium	86-1	-0.01	0.00	0.01	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	55.61	ppb
Sulfur	34-1	-681.87	-713.48	-556.18	-650.51		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.03	0.02	0.02	0.02	35.60	ppb
Thallium	205-1	0.02	0.03	0.02	0.02	17.67	ppb
Thorium	232-1	0.05	0.05	0.04	0.05	3.24	ppb
Tin	118-1	0.05	0.04	0.06	0.05	18.38	ppb
Titanium	47-1	0.04	0.04	0.04	0.04	6.47	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	103.79	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	69.38	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:18:14	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.15	0.12	0.10	0.12	19.70	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	26.97	ppb
Zirconium	91-1	0.00	0.01	0.01	0.00	135.36	ppb

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:21:51	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90754.82	91160.18	90658.95	90857.98	0.29	ppb
Antimony	121-1	1.20	1.23	1.27	1.23	2.60	ppb
Arsenic	75-1	1.44	1.46	1.53	1.48	3.03	ppb
Barium	135-1	1.52	1.61	1.56	1.56	2.98	ppb
Barium	137-1	1.63	1.57	1.57	1.59	2.10	ppb
Beryllium	9-1	0.30	0.31	0.30	0.30	2.26	ppb
Bismuth	209-1				90		%
Bismuth	209-2				86		%
Boron	10-1	7.79	7.15	6.97	7.31	5.90	ppb
Boron	11-1	7.84	7.50	7.39	7.58	3.12	ppb
Cadmium	111-1	0.60	0.47	0.39	0.49	21.33	ppb
Cadmium	106-1	-0.88	-2.43	-3.12	-2.14		ppb
Cadmium	108-1	18.82	18.39	19.03	18.75	1.75	ppb
Calcium	43-1	99967.91	98885.90	99894.59	99582.80	0.61	ppb
Calcium	44-1	99758.91	98995.70	99514.47	99423.03	0.39	ppb
Chromium	52-2	20.60	20.46	20.44	20.50	0.43	ppb
Cobalt	59-2	1.24	1.26	1.23	1.24	1.07	ppb
Copper	63-2	8.37	8.41	8.42	8.40	0.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				95		%
Indium	115-1				89		%
Indium	115-2				89		%
Iron	56-2	104633.54	104826.94	104568.07	104676.18	0.13	ppb
Iron	57-2	104493.87	104783.46	104919.91	104732.42	0.21	ppb
Krypton	83-1						cps
Lead	206-1	5.30	5.23	5.20	5.24	1.02	ppb
Lead	207-1	4.62	4.54	4.56	4.57	0.89	ppb
Lead	208-1	4.89	4.82	4.82	4.85	0.87	ppb
Lithium	6-1				88		%
Magnesium	24-2	101647.56	102024.52	101898.93	101857.00	0.19	ppb

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:21:51	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8.27	8.33	8.31	8.30	0.38	ppb
Molybdenum	94-1	1411.83	1421.61	1398.09	1410.51	0.84	ppb
Molybdenum	95-1	2046.39	2044.15	2011.94	2034.16	0.95	ppb
Molybdenum	96-1	1938.44	1979.44	1955.59	1957.82	1.05	ppb
Molybdenum	97-1	2024.60	2062.10	2043.03	2043.24	0.92	ppb
Molybdenum	98-1	2026.73	2063.19	2037.85	2042.59	0.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.58	5.41	5.53	5.51	1.61	ppb
Phosphorus	31-2	100999.69	100929.20	102346.40	101425.10	0.79	ppb
Potassium	39-2	99100.41	99294.41	99799.73	99398.18	0.36	ppb
Rhodium	103-1				84		%
Rhodium	103-2				84		%
Scandium	45-1				87		%
Scandium	45-2				87		%
Selenium	77-2	0.22	0.38	0.06	0.22	71.09	ppb
Selenium	78-2	-0.30	0.01	-0.10	-0.13		ppb
Selenium	82-1	0.12	0.30	0.27	0.23	41.83	ppb
Silicon	28-1	27.17	26.43	27.24	26.95	1.68	ppb
Silver	109-1	0.20	0.17	0.17	0.18	9.75	ppb
Silver	107-1	0.20	0.19	0.16	0.18	10.84	ppb
Sodium	23-2	101019.84	101868.65	101179.17	101355.89	0.45	ppb
Strontium	86-1	35.19	36.18	35.45	35.61	1.45	ppb
Strontium	88-1	35.78	35.53	35.35	35.55	0.61	ppb
Sulfur	34-1	83522.93	82005.42	83240.27	82922.87	0.97	ppb
Terbium	159-1				97		%
Terbium	159-2				94		%
Thallium	203-1	0.09	0.08	0.06	0.08	22.02	ppb
Thallium	205-1	0.09	0.07	0.06	0.07	22.35	ppb
Thorium	232-1	0.13	0.13	0.12	0.13	2.53	ppb
Tin	118-1	0.24	0.24	0.22	0.23	5.57	ppb
Titanium	47-1	2147.04	2130.10	2144.64	2140.59	0.43	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	5.89	ppb
Vanadium	51-2	0.18	0.19	0.21	0.19	7.04	ppb
Yttrium	89-1				89		%
Yttrium	89-2				89		%

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:21:51	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	11.02	11.01	11.10	11.05	0.46	ppb
Zirconium	90-1	0.04	0.05	0.03	0.04	15.47	ppb
Zirconium	91-1	0.03	0.04	0.01	0.03	47.96	ppb

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:25:29	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91147.46	89784.88	88910.64	89947.66	1.25	ppb
Antimony	121-1	21.70	21.90	21.88	21.83	0.50	ppb
Arsenic	75-1	21.14	21.10	21.77	21.33	1.75	ppb
Barium	135-1	22.40	23.14	22.94	22.83	1.67	ppb
Barium	137-1	22.74	22.71	22.98	22.81	0.66	ppb
Beryllium	9-1	20.97	21.29	20.80	21.02	1.18	ppb
Bismuth	209-1				91		%
Bismuth	209-2				86		%
Boron	10-1	78.83	80.94	79.16	79.64	1.43	ppb
Boron	11-1	79.61	82.12	80.84	80.86	1.55	ppb
Cadmium	111-1	20.63	20.63	20.32	20.53	0.89	ppb
Cadmium	106-1	29.63	30.08	27.65	29.12	4.45	ppb
Cadmium	108-1	44.36	42.94	43.79	43.70	1.64	ppb
Calcium	43-1	99558.01	99382.87	98718.96	99219.94	0.45	ppb
Calcium	44-1	99433.00	98811.98	99171.74	99138.91	0.31	ppb
Chromium	52-2	41.52	41.21	40.86	41.20	0.80	ppb
Cobalt	59-2	22.04	22.02	21.91	21.99	0.31	ppb
Copper	63-2	29.13	29.03	28.74	28.97	0.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				95		%
Indium	115-1				90		%
Indium	115-2				90		%
Iron	56-2	105298.04	103895.15	103521.62	104238.27	0.90	ppb
Iron	57-2	105516.66	104663.09	103686.22	104621.99	0.88	ppb
Krypton	83-1						cps
Lead	206-1	27.04	27.80	27.28	27.37	1.43	ppb
Lead	207-1	24.70	25.05	24.76	24.84	0.75	ppb
Lead	208-1	25.69	26.04	25.78	25.84	0.70	ppb
Lithium	6-1				88		%
Magnesium	24-2	101929.08	100302.00	100458.19	100896.42	0.89	ppb

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:25:29	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	28.90	28.65	28.20	28.58	1.25	ppb
Molybdenum	94-1	1572.01	1581.89	1588.27	1580.72	0.52	ppb
Molybdenum	95-1	2109.36	2118.98	2123.15	2117.16	0.33	ppb
Molybdenum	96-1	2041.83	2043.85	2056.26	2047.32	0.38	ppb
Molybdenum	97-1	2104.74	2117.79	2114.47	2112.33	0.32	ppb
Molybdenum	98-1	2103.54	2126.40	2111.58	2113.84	0.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.17	25.55	25.48	25.73	1.49	ppb
Phosphorus	31-2	102336.00	100725.64	100752.24	101271.29	0.91	ppb
Potassium	39-2	99624.05	99160.62	98611.07	99131.91	0.51	ppb
Rhodium	103-1				85		%
Rhodium	103-2				84		%
Scandium	45-1				90		%
Scandium	45-2				88		%
Selenium	77-2	20.72	21.51	23.44	21.89	6.40	ppb
Selenium	78-2	19.66	20.97	20.51	20.38	3.25	ppb
Selenium	82-1	20.02	20.17	20.81	20.33	2.05	ppb
Silicon	28-1	103.54	104.26	103.66	103.82	0.37	ppb
Silver	109-1	19.49	19.69	19.42	19.53	0.71	ppb
Silver	107-1	19.58	19.88	19.79	19.75	0.79	ppb
Sodium	23-2	101478.71	101035.18	99579.96	100697.95	0.99	ppb
Strontium	86-1	109.52	110.32	109.81	109.88	0.37	ppb
Strontium	88-1	108.57	107.58	109.41	108.52	0.84	ppb
Sulfur	34-1	81863.82	82291.36	80594.66	81583.28	1.08	ppb
Terbium	159-1				99		%
Terbium	159-2				94		%
Thallium	203-1	21.14	21.46	21.52	21.37	0.97	ppb
Thallium	205-1	21.28	21.80	21.76	21.62	1.34	ppb
Thorium	232-1	0.23	0.23	0.24	0.23	1.87	ppb
Tin	118-1	74.25	74.70	74.93	74.63	0.46	ppb
Titanium	47-1	2204.15	2187.39	2204.41	2198.65	0.44	ppb
Uranium	238-1	75.85	77.60	77.33	76.93	1.23	ppb
Vanadium	51-2	20.62	20.03	20.23	20.29	1.49	ppb
Yttrium	89-1				91		%
Yttrium	89-2				91		%

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:25:29	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	30.82	30.75	30.96	30.84	0.34	ppb
Zirconium	90-1	75.67	76.09	76.45	76.07	0.52	ppb
Zirconium	91-1	75.37	76.93	76.99	76.43	1.20	ppb

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	CCV85	Instrumnet Name :	P7
Client Sample ID :	CCV85	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:29:07	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53374.38	53751.24	53367.35	53497.66	0.41	ppb
Antimony	121-1	488.54	486.69	500.09	491.77	1.48	ppb
Arsenic	75-1	472.37	467.72	476.48	472.19	0.93	ppb
Barium	135-1	2518.13	2515.34	2593.16	2542.21	1.74	ppb
Barium	137-1	2551.47	2514.79	2569.77	2545.34	1.10	ppb
Beryllium	9-1	504.33	506.68	512.54	507.85	0.83	ppb
Bismuth	209-1				87		%
Bismuth	209-2				81		%
Boron	10-1	490.74	508.13	514.25	504.37	2.42	ppb
Boron	11-1	499.43	510.94	524.31	511.56	2.43	ppb
Cadmium	111-1	457.37	462.14	470.17	463.23	1.40	ppb
Cadmium	106-1	480.69	470.44	489.30	480.14	1.97	ppb
Cadmium	108-1	463.29	471.67	485.65	473.54	2.39	ppb
Calcium	43-1	243192.93	242391.95	245314.23	243633.04	0.62	ppb
Calcium	44-1	243946.16	244010.10	243396.81	243784.36	0.14	ppb
Chromium	52-2	498.20	505.29	501.39	501.62	0.71	ppb
Cobalt	59-2	492.77	499.27	494.92	495.65	0.67	ppb
Copper	63-2	1031.17	1036.15	1033.94	1033.75	0.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				93		%
Indium	115-1				88		%
Indium	115-2				87		%
Iron	56-2	127756.27	129360.45	128624.27	128580.33	0.62	ppb
Iron	57-2	128665.67	131064.94	129960.25	129896.95	0.92	ppb
Krypton	83-1						cps
Lead	206-1	519.52	519.67	526.92	522.04	0.81	ppb
Lead	207-1	515.97	518.30	524.10	519.46	0.81	ppb
Lead	208-1	518.63	517.46	525.77	520.62	0.86	ppb
Lithium	6-1				85		%
Magnesium	24-2	250437.00	252486.14	250688.16	251203.77	0.44	ppb

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	CCV85	Instrumnet Name :	P7
Client Sample ID :	CCV85	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:29:07	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	991.37	1006.56	1003.37	1000.43	0.80	ppb
Molybdenum	94-1	2541.56	2559.60	2602.35	2567.84	1.22	ppb
Molybdenum	95-1	2525.35	2549.28	2590.83	2555.15	1.30	ppb
Molybdenum	96-1	2554.67	2560.04	2587.99	2567.57	0.70	ppb
Molybdenum	97-1	2541.14	2562.61	2579.87	2561.21	0.76	ppb
Molybdenum	98-1	2553.75	2575.83	2591.70	2573.76	0.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	475.89	478.56	476.74	477.06	0.29	ppb
Phosphorus	31-2	9913.85	9927.99	9835.17	9892.34	0.51	ppb
Potassium	39-2	124153.85	125960.87	124331.33	124815.35	0.80	ppb
Rhodium	103-1				82		%
Rhodium	103-2				80		%
Scandium	45-1				89		%
Scandium	45-2				89		%
Selenium	77-2	468.85	476.66	481.09	475.54	1.30	ppb
Selenium	78-2	480.73	481.92	477.58	480.08	0.47	ppb
Selenium	82-1	464.92	473.65	479.47	472.68	1.55	ppb
Silicon	28-1	497.66	509.99	515.73	507.79	1.82	ppb
Silver	109-1	459.81	464.85	471.19	465.29	1.23	ppb
Silver	107-1	465.09	459.14	471.11	465.11	1.29	ppb
Sodium	23-2	250060.71	249829.24	248439.94	249443.29	0.35	ppb
Strontium	86-1	512.73	514.21	530.45	519.13	1.89	ppb
Strontium	88-1	505.94	507.62	518.74	510.77	1.36	ppb
Sulfur	34-1	9659.14	9629.13	9794.90	9694.39	0.91	ppb
Terbium	159-1				97		%
Terbium	159-2				93		%
Thallium	203-1	527.24	523.74	525.32	525.43	0.33	ppb
Thallium	205-1	521.77	527.49	527.76	525.67	0.64	ppb
Thorium	232-1	532.84	534.54	537.46	534.94	0.44	ppb
Tin	118-1	497.49	492.10	507.92	499.17	1.61	ppb
Titanium	47-1	2541.73	2548.76	2569.58	2553.36	0.57	ppb
Uranium	238-1	529.95	531.67	535.54	532.39	0.54	ppb
Vanadium	51-2	499.79	504.42	499.42	501.21	0.56	ppb
Yttrium	89-1				90		%
Yttrium	89-2				90		%

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	CCV85	Instrumnet Name :	P7
Client Sample ID :	CCV85	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:29:07	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1075.94	1090.51	1089.79	1085.41	0.76	ppb
Zirconium	90-1	512.06	515.84	521.08	516.33	0.88	ppb
Zirconium	91-1	513.12	519.69	532.97	521.93	1.94	ppb

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	CCB85	Instrumnet Name :	P7
Client Sample ID :	CCB85	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:36:26	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.46	0.36	0.29	0.37	22.82	ppb
Antimony	121-1	0.09	0.10	0.10	0.10	2.89	ppb
Arsenic	75-1	0.11	0.06	0.03	0.07	59.35	ppb
Barium	135-1	0.02	0.01	0.01	0.01	32.96	ppb
Barium	137-1	0.04	0.02	0.02	0.03	35.02	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	14.76	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	9.85	9.59	9.38	9.60	2.45	ppb
Boron	11-1	10.17	9.68	9.56	9.80	3.31	ppb
Cadmium	111-1	-0.12	-0.05	-0.11	-0.09		ppb
Cadmium	106-1	-1.61	-0.68	-1.45	-1.25		ppb
Cadmium	108-1	0.07	-0.02	0.00	0.02	270.09	ppb
Calcium	43-1	4.00	2.39	3.02	3.14	25.82	ppb
Calcium	44-1	5.57	4.27	3.10	4.31	28.71	ppb
Chromium	52-2	0.02	0.01	0.01	0.01	61.46	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	1107.58	ppb
Copper	63-2	0.09	0.08	0.09	0.09	7.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	0.98	0.94	0.84	0.92	8.25	ppb
Iron	57-2	0.97	0.97	0.79	0.91	11.09	ppb
Krypton	83-1						cps
Lead	206-1	0.19	0.21	0.19	0.20	4.89	ppb
Lead	207-1	0.20	0.18	0.17	0.18	7.38	ppb
Lead	208-1	0.19	0.19	0.17	0.19	5.30	ppb
Lithium	6-1				98		%
Magnesium	24-2	1.56	1.55	1.52	1.54	1.37	ppb

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	CCB85	Instrumnet Name :	P7
Client Sample ID :	CCB85	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:36:26	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.01	0.00	0.01	128.12	ppb
Molybdenum	94-1	0.19	0.16	0.16	0.17	11.82	ppb
Molybdenum	95-1	0.24	0.20	0.17	0.20	16.24	ppb
Molybdenum	96-1	0.21	0.17	0.14	0.17	22.01	ppb
Molybdenum	97-1	0.20	0.16	0.17	0.18	14.06	ppb
Molybdenum	98-1	0.23	0.20	0.16	0.20	20.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.00	0.01	0.00		ppb
Phosphorus	31-2	-28.98	-18.44	-22.52	-23.31		ppb
Potassium	39-2	6.88	5.50	8.40	6.93	20.95	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	77-2	-0.09	-0.09	-0.09	-0.09		ppb
Selenium	78-2	-0.14	-0.07	-0.33	-0.18		ppb
Selenium	82-1	-0.03	-0.03	0.10	0.01	534.62	ppb
Silicon	28-1	-0.27	-0.07	-0.25	-0.19		ppb
Silver	109-1	0.01	0.01	0.01	0.01	23.61	ppb
Silver	107-1	0.01	0.01	0.01	0.01	8.26	ppb
Sodium	23-2	20.98	21.29	20.87	21.05	1.02	ppb
Strontium	86-1	-0.01	-0.01	-0.02	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	10.15	ppb
Sulfur	34-1	-535.50	-415.13	-527.10	-492.58		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.04	0.05	0.04	0.04	1.20	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	4.52	ppb
Thorium	232-1	0.04	0.04	0.03	0.04	7.99	ppb
Tin	118-1	0.05	0.06	0.04	0.05	14.39	ppb
Titanium	47-1	0.06	0.08	0.02	0.05	51.27	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	44.65	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	62.20	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	CCB85	Instrumnet Name :	P7
Client Sample ID :	CCB85	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:36:26	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.02	0.03	0.08	0.04	68.47	ppb
Zirconium	90-1	0.02	0.01	0.02	0.02	13.64	ppb
Zirconium	91-1	0.01	0.03	0.01	0.01	71.04	ppb

LB Number : LB102242 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P7
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2019-04-19 15:40:03 DataFile Name : 018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.61	19.13	18.11	18.62	2.74	ppb
Antimony	121-1	1.97	2.02	2.00	2.00	1.14	ppb
Arsenic	75-1	0.96	0.93	0.78	0.89	10.89	ppb
Barium	135-1	9.92	10.18	10.27	10.12	1.76	ppb
Barium	137-1	10.17	10.27	10.37	10.27	1.00	ppb
Beryllium	9-1	1.02	1.04	0.99	1.02	2.02	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Boron	10-1	28.44	30.66	29.97	29.69	3.83	ppb
Boron	11-1	29.38	29.82	29.86	29.69	0.89	ppb
Cadmium	111-1	0.99	0.97	0.92	0.96	4.06	ppb
Cadmium	106-1	0.80	0.40	-0.14	0.35	134.52	ppb
Cadmium	108-1	0.99	1.21	1.01	1.07	11.57	ppb
Calcium	43-1	465.10	476.65	473.96	471.90	1.28	ppb
Calcium	44-1	471.76	474.27	470.77	472.27	0.38	ppb
Chromium	52-2	1.97	2.01	1.95	1.97	1.50	ppb
Cobalt	59-2	1.01	1.02	1.03	1.02	1.09	ppb
Copper	63-2	2.15	2.16	2.19	2.17	0.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	56-2	53.29	53.37	52.96	53.21	0.41	ppb
Iron	57-2	56.14	56.98	55.71	56.28	1.15	ppb
Krypton	83-1						cps
Lead	206-1	1.06	1.06	1.05	1.06	0.44	ppb
Lead	207-1	0.98	1.00	1.03	1.00	2.27	ppb
Lead	208-1	1.02	1.04	1.04	1.03	1.33	ppb
Lithium	6-1				99		%
Magnesium	24-2	495.84	492.99	486.17	491.67	1.01	ppb

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:40:03	DataFile Name :	018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.98	1.06	1.00	1.01	4.19	ppb
Molybdenum	94-1	4.94	5.06	4.81	4.94	2.53	ppb
Molybdenum	95-1	5.09	5.08	4.92	5.03	1.85	ppb
Molybdenum	96-1	5.05	5.03	4.93	5.00	1.23	ppb
Molybdenum	97-1	5.10	5.00	5.07	5.06	0.96	ppb
Molybdenum	98-1	5.02	4.98	4.97	4.99	0.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	1.08	1.05	1.05	3.53	ppb
Phosphorus	31-2	24.05	23.22	35.92	27.73	25.63	ppb
Potassium	39-2	476.68	469.65	468.34	471.55	0.95	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	5.65	6.60	6.14	6.13	7.71	ppb
Selenium	78-2	5.27	4.59	5.36	5.07	8.29	ppb
Selenium	82-1	5.47	5.88	5.47	5.61	4.25	ppb
Silicon	28-1	8.89	9.07	9.16	9.04	1.50	ppb
Silver	109-1	1.24	1.21	1.24	1.23	1.09	ppb
Silver	107-1	1.19	1.19	1.25	1.21	2.71	ppb
Sodium	23-2	490.30	487.34	483.15	486.93	0.74	ppb
Strontium	86-1	0.96	0.96	0.94	0.95	1.35	ppb
Strontium	88-1	0.91	0.96	0.95	0.94	2.58	ppb
Sulfur	34-1	-376.65	-356.73	-300.92	-344.77		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.97	0.93	0.91	0.94	2.90	ppb
Thallium	205-1	0.96	0.92	0.91	0.93	2.56	ppb
Thorium	232-1	0.83	0.85	0.84	0.84	0.90	ppb
Tin	118-1	5.24	5.33	5.35	5.31	1.06	ppb
Titanium	47-1	4.90	5.11	5.24	5.08	3.32	ppb
Uranium	238-1	0.82	0.85	0.81	0.83	2.20	ppb
Vanadium	51-2	5.04	5.06	5.04	5.05	0.23	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:40:03	DataFile Name :	018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.08	2.08	1.99	2.05	2.41	ppb
Zirconium	90-1	0.93	0.95	0.95	0.94	1.26	ppb
Zirconium	91-1	0.93	0.97	0.93	0.95	2.32	ppb

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	PB119038BL	Instrumnet Name :	P7
Client Sample ID :	PB119038BL	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:43:39	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.19	0.41	0.02	0.20	96.08	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	0.66	ppb
Arsenic	75-1	0.07	0.03	0.10	0.06	57.30	ppb
Barium	135-1	0.05	0.05	0.03	0.04	20.83	ppb
Barium	137-1	0.04	0.04	0.04	0.04	8.42	ppb
Beryllium	9-1	0.01	0.02	0.01	0.01	32.36	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	6.40	6.23	5.47	6.03	8.27	ppb
Boron	11-1	6.45	6.12	5.62	6.07	6.91	ppb
Cadmium	111-1	0.03	0.00	-0.02	0.01	414.28	ppb
Cadmium	106-1	0.39	0.01	-0.20	0.07	445.83	ppb
Cadmium	108-1	-0.06	-0.02	-0.02	-0.03		ppb
Calcium	43-1	1.56	1.44	0.38	1.13	57.64	ppb
Calcium	44-1	4.66	5.38	4.53	4.86	9.34	ppb
Chromium	52-2	0.07	0.07	0.08	0.07	9.32	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	59.21	ppb
Copper	63-2	0.15	0.14	0.11	0.13	16.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	0.48	0.60	0.46	0.51	14.92	ppb
Iron	57-2	0.67	0.10	0.31	0.36	79.61	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.11	0.11	0.11	8.17	ppb
Lead	207-1	0.11	0.12	0.11	0.11	2.09	ppb
Lead	208-1	0.12	0.11	0.11	0.11	5.15	ppb
Lithium	6-1				98		%
Magnesium	24-2	0.83	0.95	0.71	0.83	14.55	ppb

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	PB119038BL	Instrumnet Name :	P7
Client Sample ID :	PB119038BL	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:43:39	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.01	0.02	0.01	28.14	ppb
Molybdenum	94-1	0.06	0.05	0.06	0.05	9.85	ppb
Molybdenum	95-1	0.04	0.04	0.05	0.04	21.06	ppb
Molybdenum	96-1	0.05	0.04	0.04	0.04	14.10	ppb
Molybdenum	97-1	0.04	0.03	0.04	0.04	14.60	ppb
Molybdenum	98-1	0.04	0.05	0.04	0.04	5.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.00	0.01	0.01	74.75	ppb
Phosphorus	31-2	-27.83	-17.82	-19.12	-21.59		ppb
Potassium	39-2	8.77	6.07	2.59	5.81	53.27	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	77-2	-0.09	-0.09	-0.09	-0.09		ppb
Selenium	78-2	0.10	0.25	0.23	0.19	40.91	ppb
Selenium	82-1	-0.02	0.10	-0.14	-0.02		ppb
Silicon	28-1	1.70	2.27	1.32	1.76	26.92	ppb
Silver	109-1	0.00	0.00	0.00	0.00	66.98	ppb
Silver	107-1	0.01	0.01	0.00	0.01	61.73	ppb
Sodium	23-2	12.02	11.35	10.53	11.30	6.61	ppb
Strontium	86-1	-0.01	0.00	0.00	0.00		ppb
Strontium	88-1	0.01	0.00	0.01	0.01	10.54	ppb
Sulfur	34-1	-199.81	-124.12	-263.41	-195.78		ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	0.04	0.03	0.03	0.03	16.80	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	2.08	ppb
Thorium	232-1	0.04	0.05	0.04	0.04	3.31	ppb
Tin	118-1	0.07	0.07	0.06	0.07	4.57	ppb
Titanium	47-1	0.00	0.03	0.04	0.02	101.20	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	320.64	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	PB119038BL	Instrumnet Name :	P7
Client Sample ID :	PB119038BL	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:43:39	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.29	-0.25	-0.29	-0.28		ppb
Zirconium	90-1	0.02	0.00	0.02	0.01	60.40	ppb
Zirconium	91-1	0.02	0.01	0.00	0.01	99.69	ppb

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	PB119038BS	Instrumnet Name :	P7
Client Sample ID :	PB119038BS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:47:15	DataFile Name :	020DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9608.16	9563.59	9529.28	9567.01	0.41	ppb
Antimony	121-1	512.40	503.91	504.83	507.05	0.92	ppb
Arsenic	75-1	496.61	499.53	495.40	497.18	0.43	ppb
Barium	135-1	2549.19	2515.89	2508.00	2524.36	0.87	ppb
Barium	137-1	2569.60	2527.63	2500.67	2532.63	1.37	ppb
Beryllium	9-1	505.73	504.09	501.36	503.73	0.44	ppb
Bismuth	209-1				97		%
Bismuth	209-2				91		%
Boron	10-1	474.54	489.81	492.96	485.77	2.03	ppb
Boron	11-1	481.13	493.41	501.62	492.06	2.10	ppb
Cadmium	111-1	501.18	494.70	494.33	496.74	0.78	ppb
Cadmium	106-1	504.89	499.19	500.55	501.55	0.59	ppb
Cadmium	108-1	500.44	500.33	502.54	501.10	0.25	ppb
Calcium	43-1	50283.98	50551.91	50440.08	50425.32	0.27	ppb
Calcium	44-1	49739.47	49259.85	49290.26	49429.86	0.54	ppb
Chromium	52-2	519.86	512.56	513.21	515.21	0.79	ppb
Cobalt	59-2	522.10	519.50	519.74	520.45	0.28	ppb
Copper	63-2	1029.44	1011.56	1010.16	1017.05	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				96		%
Indium	115-1				94		%
Indium	115-2				93		%
Iron	56-2	26393.19	26128.46	26053.95	26191.87	0.68	ppb
Iron	57-2	26987.17	26686.07	26666.49	26779.91	0.67	ppb
Krypton	83-1						cps
Lead	206-1	498.01	497.24	490.44	495.23	0.84	ppb
Lead	207-1	501.34	493.65	490.24	495.08	1.15	ppb
Lead	208-1	498.06	493.97	488.84	493.63	0.94	ppb
Lithium	6-1				91		%
Magnesium	24-2	50540.63	50183.47	49979.29	50234.46	0.57	ppb

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	PB119038BS	Instrumnet Name :	P7
Client Sample ID :	PB119038BS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:47:15	DataFile Name :	020DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1041.69	1033.50	1031.84	1035.67	0.51	ppb
Molybdenum	94-1	2524.50	2479.25	2470.59	2491.45	1.16	ppb
Molybdenum	95-1	2508.03	2492.87	2462.24	2487.72	0.94	ppb
Molybdenum	96-1	2527.41	2477.53	2496.03	2500.33	1.01	ppb
Molybdenum	97-1	2523.54	2479.93	2485.11	2496.19	0.95	ppb
Molybdenum	98-1	2530.90	2473.25	2466.72	2490.29	1.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	520.52	513.22	514.66	516.13	0.75	ppb
Phosphorus	31-2	10104.88	10174.47	9860.92	10046.76	1.64	ppb
Potassium	39-2	24411.84	24284.03	24111.86	24269.24	0.62	ppb
Rhodium	103-1				90		%
Rhodium	103-2				88		%
Scandium	45-1				92		%
Scandium	45-2				88		%
Selenium	77-2	514.43	521.36	508.33	514.70	1.27	ppb
Selenium	78-2	515.21	515.47	510.88	513.85	0.50	ppb
Selenium	82-1	509.51	506.69	508.28	508.16	0.28	ppb
Silicon	28-1	508.98	509.58	518.01	512.19	0.99	ppb
Silver	109-1	503.81	502.07	500.74	502.21	0.31	ppb
Silver	107-1	508.64	504.61	500.09	504.44	0.85	ppb
Sodium	23-2	49513.36	48944.01	49100.06	49185.81	0.60	ppb
Strontium	86-1	514.25	511.67	509.91	511.94	0.43	ppb
Strontium	88-1	505.76	503.18	499.73	502.89	0.60	ppb
Sulfur	34-1	9920.19	9795.55	9751.77	9822.50	0.89	ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	496.25	491.86	497.67	495.26	0.61	ppb
Thallium	205-1	497.15	494.71	495.16	495.67	0.26	ppb
Thorium	232-1	484.44	482.92	482.05	483.13	0.25	ppb
Tin	118-1	514.07	505.84	508.58	509.50	0.82	ppb
Titanium	47-1	2529.79	2502.89	2516.23	2516.30	0.53	ppb
Uranium	238-1	485.63	481.83	481.70	483.05	0.46	ppb
Vanadium	51-2	508.46	503.37	501.69	504.51	0.70	ppb
Yttrium	89-1				94		%
Yttrium	89-2				92		%

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	PB119038BS	Instrumnet Name :	P7
Client Sample ID :	PB119038BS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:47:15	DataFile Name :	020DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1023.90	1023.92	1016.78	1021.53	0.40	ppb
Zirconium	90-1	502.81	496.09	496.62	498.51	0.75	ppb
Zirconium	91-1	505.48	497.84	504.17	502.50	0.81	ppb

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	K2486-01	Instrumnet Name :	P7
Client Sample ID :	390404749.0	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:50:53	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.65	1.82	2.13	2.20	18.89	ppb
Antimony	121-1	0.28	0.28	0.30	0.28	4.20	ppb
Arsenic	75-1	0.14	0.16	0.10	0.13	23.90	ppb
Barium	135-1	63.57	63.74	63.45	63.59	0.23	ppb
Barium	137-1	63.68	62.92	64.06	63.55	0.92	ppb
Beryllium	9-1	0.10	0.09	0.09	0.09	5.32	ppb
Bismuth	209-1				97		%
Bismuth	209-2				93		%
Boron	10-1	58.43	56.06	54.80	56.43	3.26	ppb
Boron	11-1	57.93	56.15	55.36	56.48	2.33	ppb
Cadmium	111-1	-0.03	-0.15	-0.06	-0.08		ppb
Cadmium	106-1	-1.06	-2.58	-1.63	-1.75		ppb
Cadmium	108-1	0.00	0.06	0.06	0.04	78.24	ppb
Calcium	43-1	20152.74	19960.63	20244.73	20119.37	0.72	ppb
Calcium	44-1	19743.32	19876.59	19941.12	19853.67	0.51	ppb
Chromium	52-2	0.54	0.56	0.53	0.55	2.65	ppb
Cobalt	59-2	0.19	0.19	0.18	0.19	2.27	ppb
Copper	63-2	2.01	2.12	2.06	2.07	2.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				97		%
Indium	115-1				95		%
Indium	115-2				94		%
Iron	56-2	9.48	9.39	8.58	9.15	5.41	ppb
Iron	57-2	88.39	90.99	91.47	90.28	1.83	ppb
Krypton	83-1						cps
Lead	206-1	0.14	0.13	0.13	0.13	5.63	ppb
Lead	207-1	0.14	0.14	0.10	0.13	15.25	ppb
Lead	208-1	0.14	0.13	0.12	0.13	6.04	ppb
Lithium	6-1				90		%
Magnesium	24-2	3559.79	3606.75	3560.25	3575.59	0.75	ppb

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	K2486-01	Instrumnet Name :	P7
Client Sample ID :	390404749.0	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:50:53	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.32	0.35	0.34	0.33	4.19	ppb
Molybdenum	94-1	0.85	0.79	0.78	0.81	4.64	ppb
Molybdenum	95-1	0.81	0.72	0.67	0.74	9.61	ppb
Molybdenum	96-1	0.79	0.76	0.66	0.74	9.43	ppb
Molybdenum	97-1	0.85	0.72	0.71	0.76	10.49	ppb
Molybdenum	98-1	0.77	0.70	0.64	0.70	9.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.15	0.14	0.10	0.13	18.73	ppb
Phosphorus	31-2	68.73	47.25	76.93	64.31	23.83	ppb
Potassium	39-2	5258.68	5295.46	5303.84	5286.00	0.45	ppb
Rhodium	103-1				91		%
Rhodium	103-2				92		%
Scandium	45-1				92		%
Scandium	45-2				89		%
Selenium	77-2	-0.09	0.06	0.36	0.11	213.72	ppb
Selenium	78-2	-0.05	0.09	-0.15	-0.04		ppb
Selenium	82-1	0.00	0.05	0.21	0.09	132.25	ppb
Silicon	28-1	3958.87	4032.25	4001.28	3997.47	0.92	ppb
Silver	109-1	0.07	0.08	0.08	0.08	6.19	ppb
Silver	107-1	0.08	0.07	0.08	0.08	10.37	ppb
Sodium	23-2	36896.81	36853.90	36541.17	36763.96	0.53	ppb
Strontium	86-1	990.41	974.83	982.13	982.46	0.79	ppb
Strontium	88-1	989.31	992.02	981.62	987.65	0.55	ppb
Sulfur	34-1	7735.91	7831.07	7708.64	7758.54	0.83	ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	0.08	0.08	0.08	0.08	3.20	ppb
Thallium	205-1	0.07	0.07	0.08	0.07	4.88	ppb
Thorium	232-1	0.28	0.27	0.26	0.27	4.53	ppb
Tin	118-1	0.20	0.20	0.19	0.20	4.40	ppb
Titanium	47-1	0.92	1.03	0.96	0.97	5.77	ppb
Uranium	238-1	0.06	0.06	0.06	0.06	7.88	ppb
Vanadium	51-2	0.09	0.05	0.06	0.07	33.79	ppb
Yttrium	89-1				94		%
Yttrium	89-2				93		%

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	K2486-01	Instrumnet Name :	P7
Client Sample ID :	390404749.0	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:50:53	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.22	2.17	2.19	2.19	1.16	ppb
Zirconium	90-1	0.19	0.16	0.18	0.17	8.69	ppb
Zirconium	91-1	0.19	0.14	0.18	0.17	14.87	ppb

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	K2486-01DUP	Instrumnet Name :	P7
Client Sample ID :	390404749.0DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:54:30	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.93	1.01	1.08	1.01	7.72	ppb
Antimony	121-1	0.06	0.07	0.07	0.07	11.36	ppb
Arsenic	75-1	0.05	-0.01	-0.01	0.01	303.83	ppb
Barium	135-1	62.07	63.16	63.71	62.98	1.32	ppb
Barium	137-1	62.73	63.81	63.89	63.48	1.02	ppb
Beryllium	9-1	0.05	0.03	0.04	0.04	25.88	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Boron	10-1	45.31	44.97	45.40	45.23	0.50	ppb
Boron	11-1	43.85	44.33	44.68	44.29	0.95	ppb
Cadmium	111-1	-0.20	-0.15	-0.17	-0.17		ppb
Cadmium	106-1	-2.66	-1.98	-2.23	-2.29		ppb
Cadmium	108-1	0.05	0.05	-0.04	0.02	288.58	ppb
Calcium	43-1	20229.51	19963.62	20129.26	20107.46	0.67	ppb
Calcium	44-1	20114.07	19621.84	19934.29	19890.07	1.25	ppb
Chromium	52-2	0.45	0.47	0.46	0.46	2.44	ppb
Cobalt	59-2	0.14	0.15	0.14	0.14	3.69	ppb
Copper	63-2	2.02	1.90	2.04	1.99	3.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				95		%
Indium	115-2				97		%
Iron	56-2	6.08	5.95	5.79	5.94	2.48	ppb
Iron	57-2	82.59	88.78	86.69	86.02	3.66	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.05	0.06	0.05	9.71	ppb
Lead	207-1	0.05	0.05	0.05	0.05	10.53	ppb
Lead	208-1	0.06	0.05	0.05	0.05	8.54	ppb
Lithium	6-1				90		%
Magnesium	24-2	3523.20	3552.33	3571.42	3548.98	0.68	ppb

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	K2486-01DUP	Instrumnet Name :	P7
Client Sample ID :	390404749.0DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:54:30	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.21	0.21	0.21	0.21	0.42	ppb
Molybdenum	94-1	0.21	0.21	0.21	0.21	1.22	ppb
Molybdenum	95-1	0.19	0.16	0.14	0.16	13.43	ppb
Molybdenum	96-1	0.17	0.15	0.12	0.15	16.56	ppb
Molybdenum	97-1	0.16	0.15	0.13	0.15	11.30	ppb
Molybdenum	98-1	0.14	0.14	0.13	0.14	6.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.06	0.08	0.06	42.74	ppb
Phosphorus	31-2	54.34	73.19	43.67	57.07	26.20	ppb
Potassium	39-2	5301.67	5272.98	5335.63	5303.42	0.59	ppb
Rhodium	103-1				92		%
Rhodium	103-2				94		%
Scandium	45-1				92		%
Scandium	45-2				91		%
Selenium	77-2	0.05	0.05	-0.09	0.00	1759.22	ppb
Selenium	78-2	0.06	0.12	-0.01	0.06	122.77	ppb
Selenium	82-1	0.24	0.22	0.09	0.18	44.49	ppb
Silicon	28-1	4076.58	3961.03	4009.58	4015.73	1.44	ppb
Silver	109-1	0.02	0.01	0.01	0.01	18.13	ppb
Silver	107-1	0.01	0.01	0.01	0.01	11.57	ppb
Sodium	23-2	36800.88	36513.42	36759.97	36691.42	0.42	ppb
Strontium	86-1	982.52	974.54	988.27	981.78	0.70	ppb
Strontium	88-1	994.61	985.83	1003.39	994.61	0.88	ppb
Sulfur	34-1	7943.49	7607.37	7791.14	7780.67	2.16	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	0.01	0.01	0.00	0.01	50.74	ppb
Thallium	205-1	0.01	0.00	0.01	0.01	30.97	ppb
Thorium	232-1	0.12	0.13	0.11	0.12	6.15	ppb
Tin	118-1	0.08	0.09	0.09	0.09	7.85	ppb
Titanium	47-1	0.68	0.49	0.68	0.62	17.26	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	29.16	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	44.02	ppb
Yttrium	89-1				94		%
Yttrium	89-2				95		%

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	K2486-01DUP	Instrumnet Name :	P7
Client Sample ID :	390404749.0DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:54:30	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.85	1.92	1.80	1.86	3.25	ppb
Zirconium	90-1	0.05	0.06	0.05	0.05	5.90	ppb
Zirconium	91-1	0.03	0.04	0.06	0.04	30.00	ppb

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	K2486-01LX5	Instrumnet Name :	P7
Client Sample ID :	390404749.0L	Dilution Factor :	5
Date & Time Acquired ::	2019-04-19 15:58:06	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.25	2.39	2.20	2.28	4.26	ppb
Antimony	121-1	0.03	0.03	0.02	0.03	11.76	ppb
Arsenic	75-1	0.03	0.05	0.03	0.04	34.46	ppb
Barium	135-1	12.53	12.53	12.88	12.64	1.59	ppb
Barium	137-1	12.69	12.57	12.68	12.65	0.50	ppb
Beryllium	9-1	0.03	0.04	0.01	0.03	45.99	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Boron	10-1	14.29	13.80	13.50	13.86	2.89	ppb
Boron	11-1	14.03	14.42	14.05	14.16	1.56	ppb
Cadmium	111-1	-0.12	-0.16	-0.06	-0.11		ppb
Cadmium	106-1	-1.50	-2.05	-0.73	-1.43		ppb
Cadmium	108-1	0.05	0.04	0.03	0.04	26.00	ppb
Calcium	43-1	3941.27	4027.43	4006.12	3991.61	1.12	ppb
Calcium	44-1	3968.43	3995.89	3981.80	3982.04	0.34	ppb
Chromium	52-2	0.19	0.15	0.14	0.16	18.22	ppb
Cobalt	59-2	0.02	0.03	0.03	0.03	7.30	ppb
Copper	63-2	0.53	0.50	0.53	0.52	3.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	1.80	1.81	1.76	1.79	1.54	ppb
Iron	57-2	17.22	17.95	18.20	17.79	2.87	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.03	0.03	0.03	16.44	ppb
Lead	207-1	0.02	0.02	0.03	0.02	29.94	ppb
Lead	208-1	0.02	0.03	0.03	0.03	16.14	ppb
Lithium	6-1				92		%
Magnesium	24-2	702.47	722.87	697.07	707.47	1.92	ppb

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	K2486-01LX5	Instrumnet Name :	P7
Client Sample ID :	390404749.0L	Dilution Factor :	5
Date & Time Acquired ::	2019-04-19 15:58:06	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.06	0.05	0.05	0.05	14.31	ppb
Molybdenum	94-1	0.07	0.09	0.09	0.08	9.77	ppb
Molybdenum	95-1	0.08	0.09	0.07	0.08	10.29	ppb
Molybdenum	96-1	0.06	0.06	0.07	0.06	7.39	ppb
Molybdenum	97-1	0.06	0.07	0.08	0.07	13.73	ppb
Molybdenum	98-1	0.08	0.08	0.08	0.08	4.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	0.01	0.01	29.44	ppb
Phosphorus	31-2	-4.44	2.40	-12.60	-4.88		ppb
Potassium	39-2	1050.40	1058.71	1030.09	1046.40	1.41	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				94		%
Scandium	45-2				91		%
Selenium	77-2	0.05	-0.09	0.05	0.00	2009.42	ppb
Selenium	78-2	-0.19	-0.01	-0.23	-0.14		ppb
Selenium	82-1	0.12	-0.22	0.00	-0.04		ppb
Silicon	28-1	791.13	799.35	792.72	794.40	0.55	ppb
Silver	109-1	0.00	0.00	0.00	0.00	50.37	ppb
Silver	107-1	0.01	0.01	0.01	0.01	30.93	ppb
Sodium	23-2	7308.52	7445.93	7241.94	7332.13	1.42	ppb
Strontium	86-1	195.70	200.43	196.10	197.41	1.33	ppb
Strontium	88-1	196.51	199.71	196.84	197.69	0.89	ppb
Sulfur	34-1	997.57	1091.84	992.69	1027.37	5.44	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Thorium	232-1	0.05	0.04	0.04	0.05	7.52	ppb
Tin	118-1	0.07	0.06	0.04	0.06	22.89	ppb
Titanium	47-1	0.16	0.15	0.15	0.15	3.83	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	242.51	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	44.87	ppb
Yttrium	89-1				96		%
Yttrium	89-2				95		%

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	K2486-01LX5	Instrumnet Name :	P7
Client Sample ID :	390404749.0L	Dilution Factor :	5
Date & Time Acquired ::	2019-04-19 15:58:06	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.01	0.22	0.07	0.09	124.40	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	2.79	ppb
Zirconium	91-1	0.00	0.01	0.01	0.01	111.48	ppb

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	K2486-01MS	Instrumnet Name :	P7
Client Sample ID :	390404749.0MS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 16:01:42	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1929.55	1957.03	1869.09	1918.56	2.34	ppb
Antimony	121-1	819.78	802.63	860.59	827.67	3.60	ppb
Arsenic	75-1	786.04	776.00	844.87	802.30	4.64	ppb
Barium	135-1	281.75	278.12	298.12	286.00	3.73	ppb
Barium	137-1	283.05	279.24	301.32	287.87	4.10	ppb
Beryllium	9-1	205.80	203.11	215.85	208.25	3.22	ppb
Bismuth	209-1				98		%
Bismuth	209-2				93		%
Boron	10-1	345.77	341.17	371.13	352.69	4.57	ppb
Boron	11-1	346.64	346.93	375.61	356.39	4.67	ppb
Cadmium	111-1	205.52	201.17	217.75	208.15	4.13	ppb
Cadmium	106-1	163.51	159.18	170.10	164.26	3.35	ppb
Cadmium	108-1	178.40	178.65	190.18	182.41	3.69	ppb
Calcium	43-1	20490.18	19995.15	21764.29	20749.87	4.40	ppb
Calcium	44-1	20218.42	19905.05	21236.35	20453.27	3.40	ppb
Chromium	52-2	435.63	440.18	422.87	432.89	2.07	ppb
Cobalt	59-2	221.67	225.85	217.90	221.81	1.79	ppb
Copper	63-2	344.05	347.49	338.35	343.30	1.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				97		%
Indium	115-1				94		%
Indium	115-2				93		%
Iron	56-2	3339.46	3370.41	3254.23	3321.37	1.81	ppb
Iron	57-2	3407.03	3462.04	3339.41	3402.83	1.81	ppb
Krypton	83-1						cps
Lead	206-1	1049.71	1034.49	1092.09	1058.76	2.82	ppb
Lead	207-1	1018.22	1007.95	1060.85	1029.01	2.73	ppb
Lead	208-1	1037.40	1021.47	1080.23	1046.37	2.90	ppb
Lithium	6-1				90		%
Magnesium	24-2	5646.79	5705.27	5517.73	5623.26	1.71	ppb

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	K2486-01MS	Instrumnet Name :	P7
Client Sample ID :	390404749.0MS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 16:01:42	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	213.80	217.05	210.66	213.84	1.49	ppb
Molybdenum	94-1	282.88	282.39	303.38	289.55	4.14	ppb
Molybdenum	95-1	408.61	412.11	434.52	418.41	3.36	ppb
Molybdenum	96-1	391.44	392.94	418.39	400.92	3.78	ppb
Molybdenum	97-1	404.08	406.78	434.14	415.00	4.01	ppb
Molybdenum	98-1	403.36	401.67	426.18	410.40	3.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	557.40	564.35	547.37	556.37	1.53	ppb
Phosphorus	31-2	6267.48	6281.50	6114.29	6221.09	1.49	ppb
Potassium	39-2	15484.51	15558.23	14964.78	15335.84	2.11	ppb
Rhodium	103-1				92		%
Rhodium	103-2				90		%
Scandium	45-1				92		%
Scandium	45-2				89		%
Selenium	77-2	2031.35	2111.13	2018.73	2053.74	2.44	ppb
Selenium	78-2	2092.99	2088.47	2023.41	2068.29	1.88	ppb
Selenium	82-1	2020.89	2039.45	2172.78	2077.71	3.99	ppb
Silicon	28-1	4839.06	4718.57	5101.12	4886.25	4.00	ppb
Silver	109-1	80.50	80.84	85.73	82.36	3.55	ppb
Silver	107-1	81.23	79.55	85.94	82.24	4.02	ppb
Sodium	23-2	39461.16	39494.68	38388.94	39114.93	1.61	ppb
Strontium	86-1	1166.68	1142.55	1221.90	1177.04	3.46	ppb
Strontium	88-1	1167.10	1153.33	1240.29	1186.90	3.94	ppb
Sulfur	34-1	7352.46	7052.15	8043.98	7482.86	6.80	ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	2048.67	2045.55	2148.96	2081.06	2.83	ppb
Thallium	205-1	2071.50	2036.35	2150.48	2086.11	2.80	ppb
Thorium	232-1	0.18	0.17	0.16	0.17	6.31	ppb
Tin	118-1	736.24	721.44	772.60	743.42	3.54	ppb
Titanium	47-1	210.81	204.35	220.42	211.86	3.82	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	6.87	ppb
Vanadium	51-2	318.25	321.32	309.18	316.25	2.00	ppb
Yttrium	89-1				94		%
Yttrium	89-2				93		%

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	K2486-01MS	Instrumnet Name :	P7
Client Sample ID :	390404749.0MS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 16:01:42	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	215.61	218.50	213.51	215.88	1.16	ppb
Zirconium	90-1	0.43	0.39	0.41	0.41	4.44	ppb
Zirconium	91-1	0.81	0.85	0.86	0.84	3.31	ppb

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	K2486-01MSD	Instrumnet Name :	P7
Client Sample ID :	390404749.0MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 16:05:20	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1949.61	1957.74	1927.37	1944.91	0.81	ppb
Antimony	121-1	873.84	804.22	867.43	848.50	4.53	ppb
Arsenic	75-1	831.15	772.01	831.83	811.67	4.23	ppb
Barium	135-1	298.67	274.97	300.50	291.38	4.89	ppb
Barium	137-1	299.60	277.74	301.21	292.85	4.48	ppb
Beryllium	9-1	215.24	204.48	216.76	212.16	3.16	ppb
Bismuth	209-1				97		%
Bismuth	209-2				92		%
Boron	10-1	370.03	359.32	388.44	372.60	3.95	ppb
Boron	11-1	373.70	359.87	387.08	373.55	3.64	ppb
Cadmium	111-1	214.58	202.13	216.67	211.13	3.72	ppb
Cadmium	106-1	168.93	158.84	172.45	166.74	4.23	ppb
Cadmium	108-1	191.14	175.31	190.07	185.51	4.77	ppb
Calcium	43-1	21831.71	20142.00	21803.01	21258.91	4.55	ppb
Calcium	44-1	21409.06	19789.33	21411.34	20869.91	4.48	ppb
Chromium	52-2	439.47	440.70	437.67	439.28	0.35	ppb
Cobalt	59-2	226.21	225.51	221.95	224.56	1.02	ppb
Copper	63-2	347.16	345.76	341.09	344.67	0.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				97		%
Indium	115-1				93		%
Indium	115-2				93		%
Iron	56-2	3386.80	3387.83	3310.44	3361.69	1.32	ppb
Iron	57-2	3452.39	3451.81	3403.48	3435.90	0.82	ppb
Krypton	83-1						cps
Lead	206-1	1096.99	1025.48	1098.93	1073.80	3.90	ppb
Lead	207-1	1073.79	994.55	1069.55	1045.96	4.26	ppb
Lead	208-1	1087.57	1009.06	1085.62	1060.75	4.22	ppb
Lithium	6-1				90		%
Magnesium	24-2	5734.97	5701.53	5645.34	5693.95	0.80	ppb

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	K2486-01MSD	Instrumnet Name :	P7
Client Sample ID :	390404749.0MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 16:05:20	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	217.92	215.26	214.02	215.73	0.92	ppb
Molybdenum	94-1	301.46	280.32	303.76	295.18	4.38	ppb
Molybdenum	95-1	435.35	405.23	438.61	426.40	4.32	ppb
Molybdenum	96-1	419.42	390.44	421.75	410.54	4.25	ppb
Molybdenum	97-1	437.44	407.38	434.03	426.29	3.86	ppb
Molybdenum	98-1	436.99	397.32	430.52	421.61	5.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	568.29	564.97	559.43	564.23	0.79	ppb
Phosphorus	31-2	6330.67	6253.68	6318.99	6301.12	0.66	ppb
Potassium	39-2	15658.65	15632.96	15490.51	15594.04	0.58	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				91		%
Scandium	45-2				88		%
Selenium	77-2	2079.79	2079.63	2049.65	2069.69	0.84	ppb
Selenium	78-2	2079.79	2091.74	2078.10	2083.21	0.36	ppb
Selenium	82-1	2154.86	2006.07	2159.59	2106.84	4.14	ppb
Silicon	28-1	5086.03	4671.75	5066.30	4941.36	4.73	ppb
Silver	109-1	85.07	79.61	85.48	83.39	3.93	ppb
Silver	107-1	84.72	79.19	85.89	83.27	4.30	ppb
Sodium	23-2	39842.11	39695.48	39323.32	39620.30	0.68	ppb
Strontium	86-1	1216.34	1135.77	1221.11	1191.07	4.03	ppb
Strontium	88-1	1229.43	1145.47	1247.29	1207.40	4.50	ppb
Sulfur	34-1	8042.95	6985.69	7986.94	7671.86	7.75	ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	2174.47	2004.76	2167.76	2115.66	4.54	ppb
Thallium	205-1	2177.39	2021.30	2185.33	2128.00	4.35	ppb
Thorium	232-1	0.13	0.12	0.12	0.12	6.05	ppb
Tin	118-1	779.47	717.66	779.21	758.78	4.69	ppb
Titanium	47-1	219.92	203.51	221.31	214.91	4.61	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	36.59	ppb
Vanadium	51-2	320.18	319.65	316.76	318.86	0.58	ppb
Yttrium	89-1				93		%
Yttrium	89-2				92		%

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	K2486-01MSD	Instrumnet Name :	P7
Client Sample ID :	390404749.0MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 16:05:20	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	217.41	216.35	216.10	216.62	0.32	ppb
Zirconium	90-1	0.35	0.33	0.33	0.34	2.28	ppb
Zirconium	91-1	0.81	0.72	0.80	0.78	6.74	ppb

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	K2486-01A	Instrumnet Name :	P7
Client Sample ID :	390404749.0A	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 16:08:56	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1957.44	1946.25	1919.35	1941.01	1.01	ppb
Antimony	121-1	842.74	826.79	853.81	841.11	1.61	ppb
Arsenic	75-1	805.59	812.07	823.72	813.79	1.13	ppb
Barium	135-1	284.69	282.22	296.86	287.92	2.72	ppb
Barium	137-1	287.87	286.74	300.68	291.76	2.65	ppb
Beryllium	9-1	211.70	210.98	212.72	211.80	0.41	ppb
Bismuth	209-1				96		%
Bismuth	209-2				91		%
Boron	10-1	365.82	372.90	374.03	370.92	1.20	ppb
Boron	11-1	368.42	375.92	382.26	375.53	1.84	ppb
Cadmium	111-1	208.45	208.14	216.35	210.98	2.20	ppb
Cadmium	106-1	167.79	164.96	174.05	168.93	2.75	ppb
Cadmium	108-1	181.45	182.50	186.41	183.45	1.42	ppb
Calcium	43-1	21180.16	21073.26	21565.44	21272.95	1.22	ppb
Calcium	44-1	20858.18	20444.12	21086.07	20796.13	1.56	ppb
Chromium	52-2	441.50	440.94	439.50	440.65	0.23	ppb
Cobalt	59-2	224.85	224.38	225.92	225.05	0.35	ppb
Copper	63-2	349.56	346.20	346.16	347.31	0.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				96		%
Indium	115-1				93		%
Indium	115-2				92		%
Iron	56-2	3411.88	3397.04	3392.66	3400.52	0.30	ppb
Iron	57-2	3466.72	3444.04	3448.93	3453.23	0.35	ppb
Krypton	83-1						cps
Lead	206-1	1086.24	1072.14	1075.14	1077.84	0.69	ppb
Lead	207-1	1058.50	1041.99	1043.74	1048.07	0.87	ppb
Lead	208-1	1069.40	1056.84	1063.03	1063.09	0.59	ppb
Lithium	6-1				90		%
Magnesium	24-2	5735.65	5685.52	5674.78	5698.65	0.57	ppb

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	K2486-01A	Instrumnet Name :	P7
Client Sample ID :	390404749.0A	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 16:08:56	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	215.60	217.32	216.15	216.36	0.41	ppb
Molybdenum	94-1	291.12	290.39	297.87	293.13	1.41	ppb
Molybdenum	95-1	420.82	421.33	429.73	423.96	1.18	ppb
Molybdenum	96-1	406.99	404.79	416.31	409.36	1.49	ppb
Molybdenum	97-1	421.35	422.46	431.78	425.20	1.35	ppb
Molybdenum	98-1	418.97	419.24	422.42	420.21	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	565.34	564.63	563.58	564.52	0.16	ppb
Phosphorus	31-2	6382.17	6465.63	6263.39	6370.40	1.60	ppb
Potassium	39-2	15665.81	15560.32	15560.55	15595.56	0.39	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				90		%
Scandium	45-2				87		%
Selenium	77-2	2055.47	2059.08	2026.37	2046.98	0.88	ppb
Selenium	78-2	2104.31	2091.84	2082.72	2092.96	0.52	ppb
Selenium	82-1	2092.00	2073.98	2130.98	2098.99	1.39	ppb
Silicon	28-1	4993.19	4920.20	5026.90	4980.10	1.10	ppb
Silver	109-1	82.61	82.25	84.56	83.14	1.49	ppb
Silver	107-1	82.58	82.22	84.60	83.13	1.54	ppb
Sodium	23-2	39956.52	39645.25	39924.46	39842.08	0.43	ppb
Strontium	86-1	1191.91	1174.11	1214.40	1193.47	1.69	ppb
Strontium	88-1	1208.95	1189.86	1218.61	1205.81	1.21	ppb
Sulfur	34-1	7796.00	7680.94	8024.30	7833.74	2.23	ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	2128.97	2064.35	2104.01	2099.11	1.55	ppb
Thallium	205-1	2150.65	2092.00	2105.29	2115.98	1.45	ppb
Thorium	232-1	0.08	0.08	0.08	0.08	3.80	ppb
Tin	118-1	755.22	748.00	765.47	756.23	1.16	ppb
Titanium	47-1	213.83	213.27	218.21	215.10	1.26	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	20.27	ppb
Vanadium	51-2	320.54	319.44	319.08	319.69	0.24	ppb
Yttrium	89-1				92		%
Yttrium	89-2				91		%

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	K2486-01A	Instrumnet Name :	P7
Client Sample ID :	390404749.0A	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 16:08:56	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	219.42	218.17	216.37	217.98	0.70	ppb
Zirconium	90-1	0.32	0.30	0.30	0.31	3.30	ppb
Zirconium	91-1	0.79	0.80	0.69	0.76	8.31	ppb

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	CCV86	Instrumnet Name :	P7
Client Sample ID :	CCV86	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 16:13:35	DataFile Name :	027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53414.70	53527.49	53266.01	53402.73	0.25	ppb
Antimony	121-1	493.62	491.38	488.64	491.21	0.51	ppb
Arsenic	75-1	485.09	488.65	490.64	488.13	0.58	ppb
Barium	135-1	2541.89	2529.25	2515.49	2528.88	0.52	ppb
Barium	137-1	2569.60	2529.37	2521.42	2540.13	1.02	ppb
Beryllium	9-1	497.82	503.98	499.05	500.28	0.65	ppb
Bismuth	209-1				86		%
Bismuth	209-2				81		%
Boron	10-1	491.60	507.60	513.69	504.30	2.26	ppb
Boron	11-1	501.88	513.73	527.95	514.52	2.54	ppb
Cadmium	111-1	473.02	477.24	476.87	475.71	0.49	ppb
Cadmium	106-1	490.16	494.36	486.28	490.27	0.82	ppb
Cadmium	108-1	496.98	495.07	492.61	494.89	0.44	ppb
Calcium	43-1	243755.65	244256.86	241578.63	243197.04	0.59	ppb
Calcium	44-1	243729.33	243205.24	243539.60	243491.39	0.11	ppb
Chromium	52-2	505.15	501.78	501.99	502.97	0.38	ppb
Cobalt	59-2	496.97	495.91	495.28	496.05	0.17	ppb
Copper	63-2	1062.95	1057.86	1053.33	1058.05	0.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				94		%
Indium	115-1				88		%
Indium	115-2				87		%
Iron	56-2	131326.50	130756.42	130135.92	130739.61	0.46	ppb
Iron	57-2	131085.34	130427.28	130252.08	130588.23	0.34	ppb
Krypton	83-1						cps
Lead	206-1	517.69	524.67	519.27	520.54	0.70	ppb
Lead	207-1	523.03	522.20	516.90	520.71	0.64	ppb
Lead	208-1	521.95	523.07	518.39	521.14	0.47	ppb
Lithium	6-1				85		%
Magnesium	24-2	250697.73	250500.63	250351.03	250516.46	0.07	ppb

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	CCV86	Instrumnet Name :	P7
Client Sample ID :	CCV86	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 16:13:35	DataFile Name :	027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1004.91	1006.02	999.44	1003.46	0.35	ppb
Molybdenum	94-1	2528.91	2578.03	2541.66	2549.53	1.00	ppb
Molybdenum	95-1	2542.95	2539.91	2539.68	2540.84	0.07	ppb
Molybdenum	96-1	2565.93	2546.58	2535.91	2549.47	0.60	ppb
Molybdenum	97-1	2557.21	2550.49	2528.15	2545.28	0.60	ppb
Molybdenum	98-1	2551.90	2552.28	2542.93	2549.04	0.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	480.94	480.21	479.32	480.16	0.17	ppb
Phosphorus	31-2	9888.67	9953.50	9860.17	9900.78	0.48	ppb
Potassium	39-2	125996.62	125274.58	124893.35	125388.18	0.45	ppb
Rhodium	103-1				81		%
Rhodium	103-2				81		%
Scandium	45-1				89		%
Scandium	45-2				88		%
Selenium	77-2	496.34	494.10	501.16	497.20	0.73	ppb
Selenium	78-2	500.69	486.51	487.17	491.46	1.63	ppb
Selenium	82-1	478.28	484.77	487.33	483.46	0.96	ppb
Silicon	28-1	506.05	515.48	517.40	512.98	1.18	ppb
Silver	109-1	485.53	483.41	481.06	483.33	0.46	ppb
Silver	107-1	486.31	485.27	483.06	484.88	0.34	ppb
Sodium	23-2	247403.98	247151.94	247479.22	247345.04	0.07	ppb
Strontium	86-1	514.47	514.00	511.95	513.47	0.26	ppb
Strontium	88-1	512.47	508.12	510.25	510.28	0.43	ppb
Sulfur	34-1	9826.96	10010.08	9816.06	9884.37	1.10	ppb
Terbium	159-1				98		%
Terbium	159-2				93		%
Thallium	203-1	521.32	520.26	525.41	522.33	0.52	ppb
Thallium	205-1	525.41	528.17	523.07	525.55	0.49	ppb
Thorium	232-1	536.16	537.79	535.94	536.63	0.19	ppb
Tin	118-1	503.72	498.32	495.33	499.12	0.85	ppb
Titanium	47-1	2536.33	2534.17	2541.84	2537.44	0.16	ppb
Uranium	238-1	533.75	533.95	531.58	533.09	0.25	ppb
Vanadium	51-2	501.80	499.97	496.84	499.53	0.50	ppb
Yttrium	89-1				90		%
Yttrium	89-2				90		%

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	CCV86	Instrumnet Name :	P7
Client Sample ID :	CCV86	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 16:13:35	DataFile Name :	027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1062.32	1061.20	1061.80	1061.77	0.05	ppb
Zirconium	90-1	510.00	519.65	511.48	513.71	1.01	ppb
Zirconium	91-1	510.72	524.75	518.20	517.89	1.36	ppb

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	CCB86	Instrumnet Name :	P7
Client Sample ID :	CCB86	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 16:19:08	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.67	0.52	1.10	0.77	39.72	ppb
Antimony	121-1	0.14	0.15	0.16	0.15	7.16	ppb
Arsenic	75-1	0.07	0.07	0.14	0.09	42.04	ppb
Barium	135-1	0.07	0.07	0.06	0.07	14.68	ppb
Barium	137-1	0.08	0.07	0.05	0.07	22.70	ppb
Beryllium	9-1	0.05	0.05	0.05	0.05	3.74	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Boron	10-1	16.74	16.16	15.59	16.16	3.58	ppb
Boron	11-1	17.01	16.56	15.93	16.50	3.31	ppb
Cadmium	111-1	-0.02	-0.17	-0.02	-0.07		ppb
Cadmium	106-1	-0.37	-2.43	-0.39	-1.06		ppb
Cadmium	108-1	-0.02	0.00	0.03	0.00	879.49	ppb
Calcium	43-1	3.66	6.72	4.22	4.87	33.50	ppb
Calcium	44-1	5.96	5.17	4.69	5.28	12.18	ppb
Chromium	52-2	0.00	0.01	0.00	0.00		ppb
Cobalt	59-2	0.01	0.00	0.01	0.00	184.86	ppb
Copper	63-2	0.10	0.07	0.07	0.08	27.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	2.56	2.23	2.03	2.27	11.85	ppb
Iron	57-2	1.75	2.53	1.99	2.09	19.28	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.05	0.04	0.05	13.87	ppb
Lead	207-1	0.06	0.06	0.05	0.05	12.40	ppb
Lead	208-1	0.05	0.05	0.05	0.05	7.77	ppb
Lithium	6-1				98		%
Magnesium	24-2	4.34	4.01	3.49	3.95	10.86	ppb

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	CCB86	Instrumnet Name :	P7
Client Sample ID :	CCB86	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 16:19:08	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.02	0.01	0.01	36.63	ppb
Molybdenum	94-1	0.27	0.20	0.22	0.23	15.25	ppb
Molybdenum	95-1	0.31	0.27	0.22	0.27	17.24	ppb
Molybdenum	96-1	0.27	0.27	0.22	0.26	10.74	ppb
Molybdenum	97-1	0.31	0.26	0.23	0.27	15.70	ppb
Molybdenum	98-1	0.29	0.25	0.24	0.26	10.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	0.00	0.00		ppb
Phosphorus	31-2	-40.71	-33.10	-34.10	-35.97		ppb
Potassium	39-2	5.52	7.50	6.20	6.41	15.74	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				95		%
Selenium	77-2	-0.09	-0.09	0.05	-0.05		ppb
Selenium	78-2	0.05	-0.06	0.17	0.06	202.64	ppb
Selenium	82-1	-0.07	0.10	0.11	0.04	221.03	ppb
Silicon	28-1	0.76	0.75	0.51	0.67	20.60	ppb
Silver	109-1	0.03	0.02	0.02	0.02	15.29	ppb
Silver	107-1	0.03	0.03	0.02	0.03	18.72	ppb
Sodium	23-2	21.72	21.50	20.48	21.23	3.10	ppb
Strontium	86-1	0.00	0.02	0.01	0.01	138.04	ppb
Strontium	88-1	0.01	0.02	0.01	0.01	16.87	ppb
Sulfur	34-1	-444.40	-388.43	-315.77	-382.87		ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	0.03	0.03	0.02	0.03	4.02	ppb
Thallium	205-1	0.03	0.03	0.02	0.02	15.92	ppb
Thorium	232-1	0.05	0.05	0.05	0.05	4.18	ppb
Tin	118-1	0.13	0.10	0.11	0.11	13.26	ppb
Titanium	47-1	0.07	0.07	0.05	0.06	18.88	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	14.67	ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	38.52	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	CCB86	Instrumnet Name :	P7
Client Sample ID :	CCB86	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 16:19:08	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.53	-0.55	-0.50	-0.53		ppb
Zirconium	90-1	0.03	0.02	0.03	0.03	18.82	ppb
Zirconium	91-1	0.04	0.01	0.02	0.02	56.16	ppb

LB Number : LB102242 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-19 14:37:21 DataFile Name : 003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	83	58	78	22.30	cps
Antimony	121-1	100	108	200	136	40.76	cps
Arsenic	75-1	-1095	-984	-890	-990	-10.34	cps
Barium	135-1	67	83	75	75	11.11	cps
Barium	137-1	58	75	83	72	17.62	cps
Beryllium	9-1	137	197	200	178	20.05	cps
Bismuth	209-1	19718802	19793536	19754375	19755571	0.19	cps
Bismuth	209-2	12144576	12079836	12044002	12089471	0.42	cps
Boron	10-1	1375	1467	1433	1425	3.26	cps
Boron	11-1	6610	6710	6385	6568	2.54	cps
Cadmium	111-1	11860	11190	11158	11403	3.47	cps
Cadmium	106-1	16952	16018	15960	16310	3.42	cps
Cadmium	108-1	46	38	38	40	11.94	cps
Calcium	43-1	500	408	433	447	10.60	cps
Calcium	44-1	18404	18672	18179	18418	1.34	cps
Chromium	52-2	1580	1753	1587	1640	5.99	cps
Cobalt	59-2	360	340	283	328	12.13	cps
Copper	63-2	2970	2810	2680	2820	5.15	cps
Dysprosium	156-1	8	42	42	31	62.99	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	92	67	117	92	27.27	cps
Erbium	164-2	50	47	53	50	6.66	cps
Gadolinium	160-1	258	200	158	206	24.44	cps
Gadolinium	160-2	707	540	563	603	14.96	cps
Holmium	165-1	30509890	30693517	30565980	30589796	0.31	cps
Holmium	165-2	16809441	16518626	16622838	16650302	0.88	cps
Indium	115-1	23400339	23384215	23188022	23324192	0.51	cps
Indium	115-2	5097776	5105801	5100078	5101218	0.08	cps
Iron	56-2	9626	9136	9414	9392	2.61	cps
Iron	57-2	306	322	272	300	8.49	cps
Krypton	83-1	673	713	663	683	3.87	cps
Lead	206-1	989	1022	945	985	3.96	cps
Lead	207-1	783	883	839	835	6.00	cps
Lead	208-1	3845	3984	3639	3823	4.53	cps
Lithium	6-1	8233439	8307443	8306673	8282518	0.51	cps
Magnesium	24-2	292	267	267	275	5.25	cps

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 14:37:21	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	67	73	70	70	4.76	cps
Molybdenum	94-1	542	567	533	547	3.17	cps
Molybdenum	95-1	133	117	142	131	9.75	cps
Molybdenum	96-1	283	300	400	328	19.25	cps
Molybdenum	97-1	83	108	58	83	30.00	cps
Molybdenum	98-1	292	167	192	217	30.53	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	203	220	250	224	10.54	cps
Phosphorus	31-2	517	500	483	500	3.33	cps
Potassium	39-2	35209	33898	34174	34427	2.01	cps
Rhodium	103-1	21545789	21656514	21544746	21582350	0.30	cps
Rhodium	103-2	10841387	10815955	10753231	10803524	0.42	cps
Scandium	45-1	15647081	15727707	15631474	15668754	0.33	cps
Scandium	45-2	763382	758061	765906	762450	0.53	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	98	93	106	99	6.59	cps
Selenium	82-1	98	24	45	56	68.83	cps
Silicon	28-1	359232	359710	361315	360086	0.30	cps
Silver	109-1	317	275	183	258	26.41	cps
Silver	107-1	342	317	367	342	7.32	cps
Sodium	23-2	9670	10104	9837	9870	2.22	cps
Strontium	86-1	975	1225	1267	1156	13.65	cps
Strontium	88-1	333	333	242	303	17.48	cps
Sulfur	34-1	813490	805166	809988	809548	0.52	cps
Terbium	159-1	31054125	31411796	31287142	31251021	0.58	cps
Terbium	159-2	16414835	16079921	16241866	16245540	1.03	cps
Thallium	203-1	250	333	367	317	18.98	cps
Thallium	205-1	808	758	783	783	3.19	cps
Thorium	232-1	489	633	494	539	15.19	cps
Tin	118-1	1300	1242	1025	1189	12.19	cps
Titanium	47-1	292	242	267	267	9.37	cps
Uranium	238-1	167	150	183	167	10.00	cps
Vanadium	51-2	17	7	10	11	45.82	cps
Yttrium	89-1	23904633	24012616	24090121	24002457	0.39	cps
Yttrium	89-2	3793161	3759462	3757299	3769974	0.53	cps

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 14:37:21	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1063	1107	1053	1075	2.64	cps
Zirconium	90-1	1859	1700	1817	1792	4.58	cps
Zirconium	91-1	425	350	375	383	9.96	cps

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 14:45:35	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5226	5093	5410	5243	3.03	cps
Antimony	121-1	35020	36599	36098	35905	2.25	cps
Arsenic	75-1	3236	3538	4250	3674	14.17	cps
Barium	135-1	49155	48577	47616	48449	1.60	cps
Barium	137-1	86000	85597	84658	85418	0.81	cps
Beryllium	9-1	6165	6081	6195	6147	0.96	cps
Bismuth	209-1	19944012	20002042	19852936	19932997	0.38	cps
Bismuth	209-2	11996556	11913664	12025911	11978711	0.49	cps
Boron	10-1	27918	29321	28645	28628	2.45	cps
Boron	11-1	134983	136195	135596	135591	0.45	cps
Cadmium	111-1	17902	17587	17729	17739	0.89	cps
Cadmium	106-1	17787	17344	17445	17525	1.32	cps
Cadmium	108-1	429	621	500	517	18.76	cps
Calcium	43-1	34633	33247	33439	33773	2.22	cps
Calcium	44-1	567878	566419	564383	566227	0.31	cps
Chromium	52-2	14944	15115	15522	15194	1.95	cps
Cobalt	59-2	11221	11238	11234	11231	0.08	cps
Copper	63-2	17818	17637	18065	17840	1.20	cps
Dysprosium	156-1	33	25	58	39	44.62	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	108	92	92	97	9.90	cps
Erbium	164-2	33	33	63	43	39.97	cps
Gadolinium	160-1	208	250	233	231	9.09	cps
Gadolinium	160-2	580	720	600	633	11.96	cps
Holmium	165-1	30974123	30739313	30689555	30800997	0.49	cps
Holmium	165-2	16606131	16514858	16519746	16546912	0.31	cps
Indium	115-1	23290670	23513136	23263046	23355617	0.59	cps
Indium	115-2	5151431	5160000	5270982	5194137	1.28	cps
Iron	56-2	326318	325147	329105	326856	0.62	cps
Iron	57-2	8642	8808	8647	8699	1.09	cps
Krypton	83-1	673	780	743	732	7.40	cps
Lead	206-1	17501	17551	17434	17495	0.34	cps
Lead	207-1	14859	14720	14820	14799	0.48	cps
Lead	208-1	69457	68493	67663	68538	1.31	cps
Lithium	6-1	8344518	8239022	8111426	8231655	1.42	cps
Magnesium	24-2	297104	296405	299954	297821	0.63	cps

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 14:45:35	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4244	4681	4597	4507	5.14	cps
Molybdenum	94-1	40074	41687	40249	40670	2.18	cps
Molybdenum	95-1	50449	49796	50490	50245	0.77	cps
Molybdenum	96-1	55534	55526	55082	55381	0.47	cps
Molybdenum	97-1	31085	31653	31252	31330	0.93	cps
Molybdenum	98-1	81533	81693	79807	81011	1.29	cps
Neodymium	150-1	13	7	20	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	3174	3094	3220	3163	2.03	cps
Phosphorus	31-2	1458	1342	1183	1328	10.40	cps
Potassium	39-2	306626	307371	311421	308473	0.84	cps
Rhodium	103-1	21835140	21890114	21518227	21747827	0.92	cps
Rhodium	103-2	10778053	10707829	10852276	10779386	0.67	cps
Scandium	45-1	15798792	15802687	15734294	15778591	0.24	cps
Scandium	45-2	766995	766447	781698	771713	1.12	cps
Selenium	77-2	113	113	160	129	20.90	cps
Selenium	78-2	554	509	513	525	4.69	cps
Selenium	82-1	2610	2664	2620	2631	1.09	cps
Silicon	28-1	507174	504501	507082	506252	0.30	cps
Silver	109-1	29757	29749	29549	29685	0.40	cps
Silver	107-1	30827	30918	32046	31263	2.17	cps
Sodium	23-2	555825	546508	553232	551855	0.87	cps
Strontium	86-1	7569	7402	7185	7386	2.60	cps
Strontium	88-1	56764	57173	56027	56655	1.03	cps
Sulfur	34-1	833033	827003	815086	825041	1.11	cps
Terbium	159-1	31490035	31734704	31297440	31507393	0.70	cps
Terbium	159-2	16224386	16168534	16335778	16242899	0.52	cps
Thallium	203-1	20341	20058	19649	20016	1.74	cps
Thallium	205-1	50247	48515	49360	49374	1.75	cps
Thorium	232-1	64522	63182	62997	63567	1.31	cps
Tin	118-1	86365	87313	86298	86658	0.66	cps
Titanium	47-1	16301	15601	16118	16007	2.27	cps
Uranium	238-1	64085	62970	62401	63152	1.36	cps
Vanadium	51-2	27983	27770	28074	27942	0.56	cps
Yttrium	89-1	24216465	23827084	23648300	23897283	1.22	cps
Yttrium	89-2	3802348	3791607	3831314	3808423	0.54	cps

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 14:45:35	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3147	3157	3360	3222	3.74	cps
Zirconium	90-1	33214	32655	33122	32997	0.91	cps
Zirconium	91-1	7627	7602	6869	7366	5.85	cps

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 14:49:31	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	253700	255774	252135	253869	0.72	cps
Antimony	121-1	945268	947841	947261	946790	0.14	cps
Arsenic	75-1	239867	240678	240932	240492	0.23	cps
Barium	135-1	1207419	1218961	1228343	1218241	0.86	cps
Barium	137-1	2139289	2149740	2127196	2138742	0.53	cps
Beryllium	9-1	301653	307570	302237	303820	1.07	cps
Bismuth	209-1	19782351	19651658	19671869	19701960	0.36	cps
Bismuth	209-2	11788461	11761674	11589161	11713099	0.92	cps
Boron	10-1	57720	57352	58430	57834	0.95	cps
Boron	11-1	272369	273936	272392	272899	0.33	cps
Cadmium	111-1	319334	319029	320726	319696	0.28	cps
Cadmium	106-1	49688	51059	51101	50616	1.59	cps
Cadmium	108-1	24300	24321	24012	24211	0.71	cps
Calcium	43-1	350343	353545	351748	351879	0.46	cps
Calcium	44-1	5596559	5616694	5466547	5559933	1.47	cps
Chromium	52-2	335852	337850	332849	335517	0.75	cps
Cobalt	59-2	541769	540424	538885	540359	0.27	cps
Copper	63-2	758305	758237	749142	755228	0.70	cps
Dysprosium	156-1	8	67	67	47	71.33	cps
Dysprosium	156-2	33	27	53	38	36.73	cps
Erbium	164-1	92	100	100	97	4.95	cps
Erbium	164-2	47	57	40	48	17.56	cps
Gadolinium	160-1	208	208	283	233	18.56	cps
Gadolinium	160-2	660	640	667	656	2.12	cps
Holmium	165-1	30630262	30605168	30729458	30654963	0.21	cps
Holmium	165-2	16326159	16360871	16184367	16290466	0.57	cps
Indium	115-1	23113007	22776259	22949352	22946206	0.73	cps
Indium	115-2	5052915	5034541	4999199	5028885	0.54	cps
Iron	56-2	14948997	14922497	14747087	14872860	0.74	cps
Iron	57-2	372233	370287	368202	370240	0.54	cps
Krypton	83-1	647	700	713	687	5.14	cps
Lead	206-1	852679	864707	864447	860611	0.80	cps
Lead	207-1	752689	762220	761794	758901	0.71	cps
Lead	208-1	3414224	3454463	3472080	3446922	0.86	cps
Lithium	6-1	8186835	8110569	8066662	8121355	0.75	cps
Magnesium	24-2	2888512	2887163	2881467	2885714	0.13	cps

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 14:49:31	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	428606	431690	424851	428382	0.80	cps
Molybdenum	94-1	2020699	1999316	1998638	2006218	0.63	cps
Molybdenum	95-1	2453121	2456105	2454428	2454552	0.06	cps
Molybdenum	96-1	2731106	2701866	2716959	2716643	0.54	cps
Molybdenum	97-1	1523888	1516210	1504108	1514735	0.66	cps
Molybdenum	98-1	3952259	3960761	3957402	3956807	0.11	cps
Neodymium	150-1	213	193	153	187	16.37	cps
Neodymium	150-2	17	27	20	21	24.12	cps
Nickel	60-2	141141	141178	141114	141145	0.02	cps
Phosphorus	31-2	14791	16410	15717	15639	5.19	cps
Potassium	39-2	1370622	1373051	1364783	1369485	0.31	cps
Rhodium	103-1	21001907	20811616	20928446	20913990	0.46	cps
Rhodium	103-2	10335248	10364690	10218363	10306101	0.75	cps
Scandium	45-1	15431599	15405267	15368432	15401766	0.21	cps
Scandium	45-2	729968	736142	725811	730640	0.71	cps
Selenium	77-2	1293	1217	1193	1235	4.24	cps
Selenium	78-2	4143	4345	4336	4275	2.67	cps
Selenium	82-1	24729	24361	24344	24478	0.89	cps
Silicon	28-1	1196384	1213458	1207779	1205874	0.72	cps
Silver	109-1	1362098	1362648	1352193	1358980	0.43	cps
Silver	107-1	1404495	1410334	1427715	1414181	0.85	cps
Sodium	23-2	5258763	5255255	5224021	5246013	0.36	cps
Strontium	86-1	335643	329593	332523	332586	0.91	cps
Strontium	88-1	2902994	2908963	2888032	2899997	0.37	cps
Sulfur	34-1	938974	924022	923817	928938	0.94	cps
Terbium	159-1	31576730	31535662	31517954	31543449	0.10	cps
Terbium	159-2	15915020	16026260	15975128	15972136	0.35	cps
Thallium	203-1	1050022	1053966	1072411	1058800	1.13	cps
Thallium	205-1	2541689	2588637	2604495	2578274	1.27	cps
Thorium	232-1	3569281	3573571	3583574	3575475	0.21	cps
Tin	118-1	841831	848241	845898	845323	0.38	cps
Titanium	47-1	745094	734461	740525	740026	0.72	cps
Uranium	238-1	3494790	3462305	3495347	3484147	0.54	cps
Vanadium	51-2	263448	263586	261471	262835	0.45	cps
Yttrium	89-1	23469541	23549999	23470940	23496827	0.20	cps
Yttrium	89-2	3705272	3678063	3673206	3685514	0.47	cps

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 14:49:31	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	131317	131957	131206	131493	0.31	cps
Zirconium	90-1	1672521	1693090	1672295	1679302	0.71	cps
Zirconium	91-1	373690	380821	375340	376617	0.99	cps

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	591281	583683	577777	584247	1.16	cps
Antimony	121-1	2306696	2308208	2314451	2309785	0.18	cps
Arsenic	75-1	574835	574502	564045	571128	1.07	cps
Barium	135-1	2994722	2993342	2968172	2985412	0.50	cps
Barium	137-1	5258429	5242078	5203042	5234517	0.54	cps
Beryllium	9-1	726804	712756	711035	716865	1.21	cps
Bismuth	209-1	18990709	19445161	20693784	19709885	4.47	cps
Bismuth	209-2	11578125	11407755	11052130	11346003	2.37	cps
Boron	10-1	132316	135848	135141	134435	1.39	cps
Boron	11-1	624239	631832	631797	629289	0.70	cps
Cadmium	111-1	753458	753302	748593	751784	0.37	cps
Cadmium	106-1	98660	99406	98021	98696	0.70	cps
Cadmium	108-1	58847	57504	57843	58065	1.20	cps
Calcium	43-1	837975	839662	824868	834168	0.97	cps
Calcium	44-1	13331969	13163952	12919752	13138558	1.58	cps
Chromium	52-2	779632	771036	767401	772690	0.81	cps
Cobalt	59-2	1243793	1236159	1233390	1237781	0.44	cps
Copper	63-2	1748757	1744467	1736925	1743383	0.34	cps
Dysprosium	156-1	108	75	92	92	18.18	cps
Dysprosium	156-2	73	77	70	73	4.55	cps
Erbium	164-1	83	58	92	78	22.30	cps
Erbium	164-2	40	37	37	38	5.09	cps
Gadolinium	160-1	225	242	292	253	13.73	cps
Gadolinium	160-2	607	577	633	606	4.68	cps
Holmium	165-1	29544252	30511036	32209163	30754817	4.39	cps
Holmium	165-2	16000427	15853577	15543081	15799028	1.48	cps
Indium	115-1	21657557	22235105	23268078	22386913	3.64	cps
Indium	115-2	4802585	4713526	4660158	4725423	1.52	cps
Iron	56-2	34680818	34394928	34341477	34472408	0.53	cps
Iron	57-2	866360	858421	852324	859035	0.82	cps
Krypton	83-1	637	723	590	650	10.41	cps
Lead	206-1	2110666	2137975	2141317	2129986	0.79	cps
Lead	207-1	1871986	1892421	1903638	1889348	0.85	cps
Lead	208-1	8528190	8565105	8651180	8581492	0.74	cps
Lithium	6-1	7664377	7750214	8048884	7821158	2.58	cps
Magnesium	24-2	6658276	6603459	6570446	6610727	0.67	cps

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1003059	989573	994950	995861	0.68	cps
Molybdenum	94-1	4918049	4889478	4859646	4889058	0.60	cps
Molybdenum	95-1	5861048	5788740	5777461	5809083	0.78	cps
Molybdenum	96-1	6484539	6479105	6392345	6451997	0.80	cps
Molybdenum	97-1	3663984	3685320	3628551	3659285	0.78	cps
Molybdenum	98-1	9459470	9402567	9248210	9370082	1.17	cps
Neodymium	150-1	447	400	340	396	13.52	cps
Neodymium	150-2	37	27	30	31	16.37	cps
Nickel	60-2	325434	326068	325895	325799	0.10	cps
Phosphorus	31-2	35335	35711	36095	35713	1.06	cps
Potassium	39-2	3120655	3103564	3102639	3108953	0.33	cps
Rhodium	103-1	19487600	20019836	21006440	20171292	3.82	cps
Rhodium	103-2	9794968	9579483	9414376	9596276	1.99	cps
Scandium	45-1	14298261	14650302	15319560	14756041	3.52	cps
Scandium	45-2	678530	671509	652669	667569	2.00	cps
Selenium	77-2	2877	2967	2970	2938	1.80	cps
Selenium	78-2	9713	9924	9813	9816	1.08	cps
Selenium	82-1	58636	58672	58376	58561	0.28	cps
Silicon	28-1	2316497	2339181	2309165	2321614	0.67	cps
Silver	109-1	3272956	3266831	3233147	3257645	0.66	cps
Silver	107-1	3370793	3392109	3379495	3380799	0.32	cps
Sodium	23-2	12264956	12114895	12042608	12140820	0.93	cps
Strontium	86-1	793223	787842	793569	791544	0.41	cps
Strontium	88-1	6897420	6839982	6807683	6848362	0.66	cps
Sulfur	34-1	1055858	1045751	1027349	1042986	1.39	cps
Terbium	159-1	30305420	30993570	32675916	31324968	3.89	cps
Terbium	159-2	15635489	15441786	15109760	15395678	1.73	cps
Thallium	203-1	2623378	2658318	2655347	2645681	0.73	cps
Thallium	205-1	6380192	6309520	6284457	6324723	0.78	cps
Thorium	232-1	8870386	8870096	8907639	8882707	0.24	cps
Tin	118-1	2056371	2067588	2044265	2056075	0.57	cps
Titanium	47-1	1778338	1765379	1744748	1762822	0.96	cps
Uranium	238-1	8628986	8609403	8695060	8644483	0.52	cps
Vanadium	51-2	607261	609004	605499	607255	0.29	cps
Yttrium	89-1	22081131	22618543	23632906	22777527	3.46	cps
Yttrium	89-2	3491963	3429119	3363039	3428040	1.88	cps

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	306160	305435	301477	304358	0.83	cps
Zirconium	90-1	4093587	4058070	4028088	4059915	0.81	cps
Zirconium	91-1	901783	912421	895495	903233	0.95	cps

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1125750	1133180	1128896	1129275	0.33	cps
Antimony	121-1	4436671	4502870	4554442	4497994	1.31	cps
Arsenic	75-1	1080608	1091448	1095378	1089145	0.70	cps
Barium	135-1	5837442	5874612	5931569	5881208	0.81	cps
Barium	137-1	9970388	9933021	9960848	9954752	0.20	cps
Beryllium	9-1	1337996	1338915	1336959	1337957	0.07	cps
Bismuth	209-1	19001665	19207236	19202321	19137074	0.61	cps
Bismuth	209-2	11326218	11247903	11188685	11254269	0.61	cps
Boron	10-1	250629	258466	255449	254848	1.55	cps
Boron	11-1	1169401	1200400	1206031	1191944	1.65	cps
Cadmium	111-1	1429286	1438702	1451615	1439868	0.78	cps
Cadmium	106-1	174544	172354	175257	174052	0.87	cps
Cadmium	108-1	110132	110300	110510	110314	0.17	cps
Calcium	43-1	1575310	1577215	1595493	1582673	0.70	cps
Calcium	44-1	25185521	24913911	24863331	24987588	0.69	cps
Chromium	52-2	1500472	1502375	1488896	1497248	0.49	cps
Cobalt	59-2	2417893	2412154	2409729	2413259	0.17	cps
Copper	63-2	3333970	3351032	3346852	3343951	0.27	cps
Dysprosium	156-1	175	133	200	169	19.88	cps
Dysprosium	156-2	147	137	153	146	5.76	cps
Erbium	164-1	133	67	133	111	34.64	cps
Erbium	164-2	27	33	67	42	50.76	cps
Gadolinium	160-1	283	208	200	231	19.91	cps
Gadolinium	160-2	637	597	620	618	3.25	cps
Holmium	165-1	30162529	30140366	30192556	30165150	0.09	cps
Holmium	165-2	16009512	15842066	15763180	15871586	0.79	cps
Indium	115-1	21319714	21203221	21341937	21288291	0.35	cps
Indium	115-2	4663080	4670903	4612592	4648859	0.68	cps
Iron	56-2	67071263	66359510	66544449	66658407	0.55	cps
Iron	57-2	1670898	1664748	1665766	1667137	0.20	cps
Krypton	83-1	637	547	603	596	7.64	cps
Lead	206-1	4262311	4289311	4295920	4282514	0.42	cps
Lead	207-1	3762723	3773502	3785951	3774059	0.31	cps
Lead	208-1	16818943	16875385	16888946	16861091	0.22	cps
Lithium	6-1	7402066	7382456	7348761	7377761	0.37	cps
Magnesium	24-2	12875836	12880724	12755226	12837262	0.55	cps

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1924602	1924263	1918261	1922375	0.19	cps
Molybdenum	94-1	9210881	9143681	9219842	9191468	0.45	cps
Molybdenum	95-1	11286363	11251225	11302512	11280033	0.23	cps
Molybdenum	96-1	12534496	12404224	12467857	12468859	0.52	cps
Molybdenum	97-1	7017722	6892751	6950664	6953712	0.90	cps
Molybdenum	98-1	18231281	18194080	18235424	18220262	0.12	cps
Neodymium	150-1	753	700	647	700	7.62	cps
Neodymium	150-2	67	50	53	57	15.57	cps
Nickel	60-2	623907	626787	623929	624874	0.27	cps
Phosphorus	31-2	69169	69697	66524	68463	2.48	cps
Potassium	39-2	5973952	5953463	5904182	5943866	0.60	cps
Rhodium	103-1	19084039	19023180	18881930	18996383	0.55	cps
Rhodium	103-2	9463343	9373747	9360401	9399164	0.60	cps
Scandium	45-1	13905124	13852403	13720140	13825889	0.69	cps
Scandium	45-2	662449	660612	655407	659489	0.55	cps
Selenium	77-2	5605	5651	5655	5637	0.50	cps
Selenium	78-2	18731	18517	19163	18804	1.75	cps
Selenium	82-1	111275	111619	111706	111533	0.20	cps
Silicon	28-1	3984488	4035189	4085857	4035178	1.26	cps
Silver	109-1	6050085	6014234	5974888	6013069	0.63	cps
Silver	107-1	6290735	6284829	6314708	6296757	0.25	cps
Sodium	23-2	23786904	23556080	23378388	23573790	0.87	cps
Strontium	86-1	1528394	1513959	1541345	1527899	0.90	cps
Strontium	88-1	13363514	13186780	13136088	13228794	0.90	cps
Sulfur	34-1	1262192	1247996	1250910	1253699	0.60	cps
Terbium	159-1	30635370	30647916	30424893	30569393	0.41	cps
Terbium	159-2	15594118	15462166	15269808	15442031	1.06	cps
Thallium	203-1	5242452	5297686	5365189	5301776	1.16	cps
Thallium	205-1	12564428	12517793	12578476	12553566	0.25	cps
Thorium	232-1	18211501	17828617	18122292	18054137	1.11	cps
Tin	118-1	3979174	4010349	4028070	4005864	0.62	cps
Titanium	47-1	3354458	3346170	3360387	3353671	0.21	cps
Uranium	238-1	17603207	17419606	17529635	17517483	0.53	cps
Vanadium	51-2	1177449	1181825	1174207	1177827	0.32	cps
Yttrium	89-1	21712276	21649510	21658410	21673399	0.16	cps
Yttrium	89-2	3399868	3413655	3391997	3401840	0.32	cps

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	587916	582961	582887	584588	0.49	cps
Zirconium	90-1	7720489	7633286	7681997	7678591	0.57	cps
Zirconium	91-1	1750633	1745255	1747446	1747778	0.15	cps

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2228057	2196599	2202023	2208893	0.76	cps
Antimony	121-1	8555477	8573995	8595337	8574936	0.23	cps
Arsenic	75-1	2048190	2076751	2071272	2065404	0.73	cps
Barium	135-1	11128923	11168730	11212705	11170119	0.38	cps
Barium	137-1	19536165	19445387	19715781	19565778	0.70	cps
Beryllium	9-1	2535908	2543878	2544638	2541475	0.19	cps
Bismuth	209-1	18746348	18490956	18625770	18621025	0.69	cps
Bismuth	209-2	10847441	10911450	10941373	10900088	0.44	cps
Boron	10-1	480104	487244	495366	487571	1.57	cps
Boron	11-1	2250985	2319979	2334762	2301909	1.94	cps
Cadmium	111-1	2733901	2737480	2765632	2745671	0.63	cps
Cadmium	106-1	318244	322691	328156	323030	1.54	cps
Cadmium	108-1	210870	212762	214112	212581	0.77	cps
Calcium	43-1	3031735	3088747	3087712	3069398	1.06	cps
Calcium	44-1	48439025	48534428	48576914	48516789	0.15	cps
Chromium	52-2	2911983	2881697	2923453	2905711	0.74	cps
Cobalt	59-2	4637051	4639106	4671545	4649234	0.42	cps
Copper	63-2	6266029	6248061	6247637	6253909	0.17	cps
Dysprosium	156-1	192	225	333	250	29.63	cps
Dysprosium	156-2	293	327	260	293	11.36	cps
Erbium	164-1	125	100	167	131	25.80	cps
Erbium	164-2	83	57	40	60	36.43	cps
Gadolinium	160-1	275	292	267	278	4.58	cps
Gadolinium	160-2	527	607	593	576	7.45	cps
Holmium	165-1	29833980	29868383	29865931	29856098	0.06	cps
Holmium	165-2	15792896	15692221	15782356	15755824	0.35	cps
Indium	115-1	20900413	20690927	20722172	20771170	0.54	cps
Indium	115-2	4552710	4560276	4543445	4552144	0.19	cps
Iron	56-2	129388164	128892995	129551178	129277445	0.27	cps
Iron	57-2	3229912	3221149	3245359	3232140	0.38	cps
Krypton	83-1	647	577	617	613	5.73	cps
Lead	206-1	8120714	8105213	8095605	8107178	0.16	cps
Lead	207-1	7190565	7144511	7208836	7181304	0.46	cps
Lead	208-1	32410597	32395603	32528124	32444775	0.22	cps
Lithium	6-1	7142834	7159592	7143163	7148530	0.13	cps
Magnesium	24-2	25021876	24813264	24718007	24851049	0.63	cps

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3787844	3763854	3764226	3771975	0.36	cps
Molybdenum	94-1	18031741	17806466	18033654	17957287	0.73	cps
Molybdenum	95-1	21976642	21828483	22016986	21940704	0.45	cps
Molybdenum	96-1	24582089	24405706	24584966	24524254	0.42	cps
Molybdenum	97-1	13785369	13674987	13706307	13722221	0.41	cps
Molybdenum	98-1	35555195	35742592	35873879	35723889	0.45	cps
Neodymium	150-1	1180	1160	1120	1153	2.65	cps
Neodymium	150-2	110	153	160	141	19.24	cps
Nickel	60-2	1199982	1201184	1198850	1200005	0.10	cps
Phosphorus	31-2	132257	129533	131743	131178	1.10	cps
Potassium	39-2	11592370	11659480	11596509	11616119	0.32	cps
Rhodium	103-1	18455442	18424437	18443153	18441010	0.08	cps
Rhodium	103-2	9179464	9055066	9130089	9121540	0.69	cps
Scandium	45-1	13534351	13455915	13563649	13517972	0.41	cps
Scandium	45-2	644947	650863	643755	646522	0.59	cps
Selenium	77-2	10641	10784	10614	10680	0.86	cps
Selenium	78-2	35358	35549	35989	35632	0.91	cps
Selenium	82-1	208851	208732	212054	209879	0.90	cps
Silicon	28-1	6617086	6735535	6825846	6726156	1.56	cps
Silver	109-1	11662378	11673480	11643048	11659636	0.13	cps
Silver	107-1	12089795	12081392	12186743	12119310	0.48	cps
Sodium	23-2	45958273	45827071	45771324	45852223	0.21	cps
Strontium	86-1	2978677	2995243	3022558	2998826	0.74	cps
Strontium	88-1	25887770	26029309	26249231	26055437	0.70	cps
Sulfur	34-1	1814680	1815808	1845488	1825326	0.96	cps
Terbium	159-1	30294038	30239733	30517680	30350483	0.49	cps
Terbium	159-2	15305254	15336265	15304225	15315248	0.12	cps
Thallium	203-1	10197673	10104297	10071493	10124488	0.65	cps
Thallium	205-1	24640612	24823855	24485671	24650046	0.69	cps
Thorium	232-1	35445889	35462381	35687462	35531911	0.38	cps
Tin	118-1	7705493	7605387	7634576	7648485	0.67	cps
Titanium	47-1	6392356	6386049	6439354	6405920	0.45	cps
Uranium	238-1	34780482	34403873	34776049	34653468	0.62	cps
Vanadium	51-2	2307956	2306685	2324638	2313093	0.43	cps
Yttrium	89-1	21539848	21608834	21424372	21524351	0.43	cps
Yttrium	89-2	3356129	3368768	3361448	3362115	0.19	cps

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1094706	1100939	1110042	1101896	0.70	cps
Zirconium	90-1	15174808	15142002	15018955	15111922	0.54	cps
Zirconium	91-1	3400689	3423779	3429400	3417956	0.45	cps

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:05:01	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4357506	4354115	4376788	4362803	0.28	cps
Antimony	121-1	17071816	17082467	17110590	17088291	0.12	cps
Arsenic	75-1	4117662	4118810	4143332	4126601	0.35	cps
Barium	135-1	22480319	22296524	22278649	22351831	0.50	cps
Barium	137-1	39327639	39361842	38822893	39170791	0.77	cps
Beryllium	9-1	4904648	4888795	4838821	4877421	0.70	cps
Bismuth	209-1	18517676	18590483	18573041	18560400	0.20	cps
Bismuth	209-2	10602282	10620440	10572643	10598455	0.23	cps
Boron	10-1	951493	951902	964579	955991	0.78	cps
Boron	11-1	4409591	4388467	4520550	4439536	1.60	cps
Cadmium	111-1	5564084	5592410	5670001	5608831	0.98	cps
Cadmium	106-1	630963	640820	635957	635913	0.78	cps
Cadmium	108-1	424999	427068	429994	427354	0.59	cps
Calcium	43-1	6055394	5977645	6041632	6024890	0.69	cps
Calcium	44-1	98245996	97053811	97545071	97614959	0.61	cps
Chromium	52-2	5650507	5637123	5648663	5645431	0.13	cps
Cobalt	59-2	8880410	8893160	8939888	8904486	0.35	cps
Copper	63-2	12428609	12341390	12366321	12378773	0.36	cps
Dysprosium	156-1	500	483	508	497	2.56	cps
Dysprosium	156-2	510	560	580	550	6.56	cps
Erbium	164-1	83	117	100	100	16.66	cps
Erbium	164-2	50	63	40	51	22.90	cps
Gadolinium	160-1	275	250	325	283	13.48	cps
Gadolinium	160-2	603	697	550	617	12.04	cps
Holmium	165-1	30495072	30548975	30327910	30457319	0.38	cps
Holmium	165-2	15715682	15816595	15745914	15759397	0.33	cps
Indium	115-1	20604846	20783686	20780700	20723077	0.49	cps
Indium	115-2	4382111	4447069	4429709	4419630	0.76	cps
Iron	56-2	256784950	255001417	258262017	256682795	0.64	cps
Iron	57-2	6248532	6266085	6313796	6276138	0.54	cps
Krypton	83-1	583	640	633	619	5.01	cps
Lead	206-1	15904486	16119001	16018045	16013844	0.67	cps
Lead	207-1	14240498	14278932	14377748	14299059	0.50	cps
Lead	208-1	64413958	64519200	64775622	64569593	0.29	cps
Lithium	6-1	7129867	7112080	7063181	7101709	0.49	cps
Magnesium	24-2	49412881	49515730	49479418	49469343	0.11	cps

LB Number : LB102242 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-19 15:05:01 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7283854	7313819	7346123	7314599	0.43	cps
Molybdenum	94-1	36127890	36191353	36313382	36210875	0.26	cps
Molybdenum	95-1	44096686	44335830	44038988	44157168	0.36	cps
Molybdenum	96-1	48988147	49103345	48776545	48956012	0.34	cps
Molybdenum	97-1	27474249	27412142	27323443	27403278	0.28	cps
Molybdenum	98-1	71429989	71582627	71162493	71391703	0.30	cps
Neodymium	150-1	2514	2634	2580	2576	2.33	cps
Neodymium	150-2	187	280	190	219	24.19	cps
Nickel	60-2	2315319	2310170	2317953	2314481	0.17	cps
Phosphorus	31-2	257291	258099	259429	258273	0.42	cps
Potassium	39-2	22987334	23132510	23138916	23086254	0.37	cps
Rhodium	103-1	18113794	18271331	18013973	18133033	0.72	cps
Rhodium	103-2	8897996	8898358	8909827	8902060	0.08	cps
Scandium	45-1	13716175	13666696	13737858	13706910	0.27	cps
Scandium	45-2	646944	656293	646246	649828	0.86	cps
Selenium	77-2	21032	20625	21323	20993	1.67	cps
Selenium	78-2	70031	69474	70187	69897	0.54	cps
Selenium	82-1	408693	409688	412709	410363	0.51	cps
Silicon	28-1	12462641	12573975	12581118	12539244	0.53	cps
Silver	109-1	23481842	23380060	23543140	23468348	0.35	cps
Silver	107-1	24201096	24456857	24578969	24412307	0.79	cps
Sodium	23-2	91422329	91333237	91651346	91468971	0.18	cps
Strontium	86-1	5900612	5807290	5822944	5843615	0.86	cps
Strontium	88-1	52177229	52184367	51780425	52047340	0.44	cps
Sulfur	34-1	3010507	2983757	2999029	2997764	0.45	cps
Terbium	159-1	30685982	31046093	30526442	30752839	0.87	cps
Terbium	159-2	15318739	15331685	15308310	15319578	0.08	cps
Thallium	203-1	20059846	20206394	20070749	20112330	0.41	cps
Thallium	205-1	48433993	49100074	49026858	48853642	0.75	cps
Thorium	232-1	72858372	72463011	72293645	72538343	0.40	cps
Tin	118-1	15271454	15254694	15428314	15318154	0.63	cps
Titanium	47-1	12843010	12765109	12816051	12808057	0.31	cps
Uranium	238-1	70940339	69953541	70452831	70448904	0.70	cps
Vanadium	51-2	4623646	4618071	4627623	4623113	0.10	cps
Yttrium	89-1	21652721	21715665	21606064	21658150	0.25	cps
Yttrium	89-2	3331503	3351913	3335474	3339630	0.32	cps

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:05:01	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2157057	2161367	2170124	2162850	0.31	cps
Zirconium	90-1	30167212	30353790	30461455	30327486	0.49	cps
Zirconium	91-1	6713133	6765902	6721307	6733448	0.42	cps

LB Number : LB102242 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P7
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-19 15:08:48 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23154648	23217624	23251974	23208082	0.21	cps
Antimony	121-1	19164	19564	18672	19133	2.34	cps
Arsenic	75-1	4387	4268	4635	4430	4.22	cps
Barium	135-1	3951	3376	3376	3567	9.31	cps
Barium	137-1	6610	6152	6143	6302	4.24	cps
Beryllium	9-1	843	743	677	754	11.12	cps
Bismuth	209-1	15320392	15054189	15068024	15147535	0.99	cps
Bismuth	209-2	8744133	8734002	8696060	8724732	0.29	cps
Boron	10-1	46129	41316	38041	41829	9.73	cps
Boron	11-1	211928	189611	174744	192094	9.74	cps
Cadmium	111-1	10563	10314	9910	10262	3.21	cps
Cadmium	106-1	14333	14091	13690	14038	2.31	cps
Cadmium	108-1	100	83	88	90	9.60	cps
Calcium	43-1	28716312	28192931	28101438	28336894	1.17	cps
Calcium	44-1	462030894	456547294	456973860	458517349	0.67	cps
Chromium	52-2	19690	20071	19944	19901	0.97	cps
Cobalt	59-2	102652	103005	103871	103176	0.61	cps
Copper	63-2	13016	13316	13266	13199	1.22	cps
Dysprosium	156-1	275	342	333	317	11.47	cps
Dysprosium	156-2	120	140	137	132	8.10	cps
Erbium	164-1	250	233	150	211	25.38	cps
Erbium	164-2	133	87	110	110	21.21	cps
Gadolinium	160-1	433	517	300	417	26.23	cps
Gadolinium	160-2	620	717	663	667	7.26	cps
Holmium	165-1	27731741	27700516	27421302	27617853	0.62	cps
Holmium	165-2	14411323	14430491	14381418	14407744	0.17	cps
Indium	115-1	18638384	18378891	18287996	18435090	0.99	cps
Indium	115-2	4092779	4102508	4132874	4109387	0.51	cps
Iron	56-2	1249069006	1255548117	1254529761	1253048961	0.28	cps
Iron	57-2	30518329	30732732	30469116	30573392	0.46	cps
Krypton	83-1	583	717	743	681	12.59	cps
Lead	206-1	18291	17334	16138	17254	6.25	cps
Lead	207-1	15571	14792	13613	14659	6.72	cps
Lead	208-1	71265	67725	62710	67233	6.39	cps
Lithium	6-1	6481693	6410772	6425185	6439217	0.58	cps
Magnesium	24-2	251777172	249912631	253341847	251677217	0.68	cps

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:08:48	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20728	20081	20321	20377	1.61	cps
Molybdenum	94-1	16928	14975	15192	15698	6.82	cps
Molybdenum	95-1	24238	23078	20198	22505	9.24	cps
Molybdenum	96-1	37717	34359	32521	34866	7.56	cps
Molybdenum	97-1	14241	12990	12623	13284	6.39	cps
Molybdenum	98-1	37492	33858	31110	34153	9.37	cps
Neodymium	150-1	540	493	440	491	10.19	cps
Neodymium	150-2	190	177	153	173	10.71	cps
Nickel	60-2	22217	22798	22735	22583	1.41	cps
Phosphorus	31-2	633	600	625	619	2.80	cps
Potassium	39-2	121100432	120565982	121574490	121080301	0.42	cps
Rhodium	103-1	15686437	15372477	15370047	15476321	1.18	cps
Rhodium	103-2	7759870	7780707	7806403	7782327	0.30	cps
Scandium	45-1	12654697	12665235	12629292	12649741	0.15	cps
Scandium	45-2	645451	647080	644303	645611	0.22	cps
Selenium	77-2	10	7	13	10	33.30	cps
Selenium	78-2	85	78	72	78	8.30	cps
Selenium	82-1	328	169	142	213	47.26	cps
Silicon	28-1	1483536	1522784	1527701	1511340	1.60	cps
Silver	109-1	2309	2284	1942	2178	9.41	cps
Silver	107-1	2417	2200	2000	2206	9.45	cps
Sodium	23-2	468040344	473179211	472130577	471116711	0.58	cps
Strontium	86-1	24897	23720	24154	24257	2.45	cps
Strontium	88-1	208799	208394	202444	206546	1.72	cps
Sulfur	34-1	592567	592322	596699	593862	0.41	cps
Terbium	159-1	28195380	28112550	27953628	28087186	0.44	cps
Terbium	159-2	14003654	13986830	14031602	14007362	0.16	cps
Thallium	203-1	2209	2042	1725	1992	12.33	cps
Thallium	205-1	5635	4618	4476	4909	12.88	cps
Thorium	232-1	29857	25732	24195	26595	11.01	cps
Tin	118-1	10046	8420	8603	9023	9.87	cps
Titanium	47-1	5301	5126	4993	5140	3.01	cps
Uranium	238-1	6502	5368	4234	5368	21.12	cps
Vanadium	51-2	1120	1203	1260	1195	5.90	cps
Yttrium	89-1	19738338	19648330	19511856	19632841	0.58	cps
Yttrium	89-2	3158396	3158489	3169342	3162076	0.20	cps

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:08:48	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	16673	16479	16546	16566	0.59	cps
Zirconium	90-1	10529	10079	8903	9837	8.53	cps
Zirconium	91-1	2300	2159	2075	2178	5.22	cps

LB Number : LB102242 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-19 15:14:26 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142364	141665	141943	141991	0.25	cps
Antimony	121-1	3582500	3606590	3603021	3597371	0.36	cps
Arsenic	75-1	898131	900238	909140	902503	0.65	cps
Barium	135-1	474335	475810	475653	475266	0.17	cps
Barium	137-1	821176	814739	825975	820630	0.69	cps
Beryllium	9-1	554642	561323	562430	559465	0.75	cps
Bismuth	209-1	19943958	20192957	19933368	20023428	0.73	cps
Bismuth	209-2	12130367	12068239	11878741	12025782	1.09	cps
Boron	10-1	15951	16009	15066	15675	3.37	cps
Boron	11-1	71478	72810	69033	71107	2.69	cps
Cadmium	111-1	584158	591087	595706	590317	0.98	cps
Cadmium	106-1	67905	67302	67453	67554	0.46	cps
Cadmium	108-1	38122	38628	38055	38269	0.82	cps
Calcium	43-1	133313	134162	132708	133394	0.55	cps
Calcium	44-1	2173745	2197937	2182282	2184655	0.56	cps
Chromium	52-2	647010	651078	648780	648956	0.31	cps
Cobalt	59-2	1062964	1068946	1052040	1061317	0.81	cps
Copper	63-2	753022	749404	741406	747944	0.79	cps
Dysprosium	156-1	17	50	50	39	49.48	cps
Dysprosium	156-2	40	10	20	23	65.47	cps
Erbium	164-1	158	167	192	172	10.07	cps
Erbium	164-2	120	107	77	101	21.95	cps
Gadolinium	160-1	250	233	167	217	20.35	cps
Gadolinium	160-2	650	713	683	682	4.64	cps
Holmium	165-1	30814613	31047614	31024387	30962205	0.41	cps
Holmium	165-2	16888296	16662415	16657370	16736027	0.79	cps
Indium	115-1	23036301	23271466	22747071	23018279	1.14	cps
Indium	115-2	5206751	5160217	5190484	5185817	0.46	cps
Iron	56-2	5957741	5983238	5860038	5933672	1.10	cps
Iron	57-2	146682	148073	145065	146607	1.03	cps
Krypton	83-1	640	673	637	650	3.12	cps
Lead	206-1	3448714	3486507	3466313	3467178	0.55	cps
Lead	207-1	2939394	2962624	2961854	2954624	0.45	cps
Lead	208-1	13433953	13552333	13482730	13489672	0.44	cps
Lithium	6-1	8039000	8063676	8040534	8047737	0.17	cps
Magnesium	24-2	686866	682903	677540	682436	0.69	cps

LB Number : LB102242 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-19 15:14:26 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	412517	413585	410343	412148	0.40	cps
Molybdenum	94-1	2217	2125	2409	2250	6.43	cps
Molybdenum	95-1	2142	2100	1792	2011	9.51	cps
Molybdenum	96-1	2792	2584	2325	2567	9.11	cps
Molybdenum	97-1	1292	1108	1217	1206	7.65	cps
Molybdenum	98-1	3592	3634	3150	3459	7.75	cps
Neodymium	150-1	53	40	73	56	30.20	cps
Neodymium	150-2	20	7	10	12	56.76	cps
Nickel	60-2	280348	280671	278999	280006	0.32	cps
Phosphorus	31-2	442	500	400	447	11.23	cps
Potassium	39-2	1100117	1093320	1089872	1094436	0.48	cps
Rhodium	103-1	20891637	21065780	21109991	21022469	0.55	cps
Rhodium	103-2	10669039	10619254	10494072	10594122	0.85	cps
Scandium	45-1	15144588	15423641	15102837	15223689	1.15	cps
Scandium	45-2	747197	743747	741913	744286	0.36	cps
Selenium	77-2	4894	5008	4798	4900	2.15	cps
Selenium	78-2	16736	16619	16891	16749	0.82	cps
Selenium	82-1	93313	95088	95036	94479	1.07	cps
Silicon	28-1	401533	400576	402955	401688	0.30	cps
Silver	109-1	2563269	2595785	2637506	2598853	1.43	cps
Silver	107-1	2680439	2719873	2744842	2715051	1.20	cps
Sodium	23-2	2168796	2183615	2148807	2167073	0.81	cps
Strontium	86-1	16302	16010	16627	16313	1.89	cps
Strontium	88-1	129178	132752	128563	130164	1.74	cps
Sulfur	34-1	738150	728081	727127	731119	0.84	cps
Terbium	159-1	31760452	32153824	31734664	31882980	0.74	cps
Terbium	159-2	16393424	16355250	16324349	16357674	0.21	cps
Thallium	203-1	4218642	4320163	4335781	4291529	1.48	cps
Thallium	205-1	10262387	10420360	10256062	10312936	0.90	cps
Thorium	232-1	6252	6263	6029	6181	2.13	cps
Tin	118-1	3050	2617	2509	2725	10.52	cps
Titanium	47-1	517	450	625	531	16.65	cps
Uranium	238-1	2617	2567	2734	2639	3.24	cps
Vanadium	51-2	514069	514999	505446	511505	1.03	cps
Yttrium	89-1	23531700	23848514	23316942	23565719	1.13	cps
Yttrium	89-2	3788739	3764473	3769362	3774191	0.34	cps

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:14:26	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	255322	256640	257689	256550	0.46	cps
Zirconium	90-1	2800	2759	2717	2759	1.51	cps
Zirconium	91-1	1500	1183	1475	1386	12.70	cps

LB Number : LB102242 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-19 15:18:14 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	125	183	131	38.47	cps
Antimony	121-1	2475	2517	2675	2556	4.13	cps
Arsenic	75-1	-791	-916	-229	-645	-56.69	cps
Barium	135-1	233	250	150	211	25.38	cps
Barium	137-1	392	300	258	317	21.54	cps
Beryllium	9-1	457	443	410	437	5.51	cps
Bismuth	209-1	20271411	20363487	20499848	20378249	0.56	cps
Bismuth	209-2	12222149	12113639	12124795	12153528	0.49	cps
Boron	10-1	11505	10587	10687	10927	4.61	cps
Boron	11-1	51665	50995	49649	50769	2.02	cps
Cadmium	111-1	11682	11781	11343	11602	1.98	cps
Cadmium	106-1	16552	16744	16093	16463	2.03	cps
Cadmium	108-1	42	50	50	47	10.18	cps
Calcium	43-1	625	583	608	606	3.46	cps
Calcium	44-1	23086	23212	22343	22880	2.05	cps
Chromium	52-2	1643	1767	1820	1743	5.20	cps
Cobalt	59-2	390	337	330	352	9.34	cps
Copper	63-2	2977	3084	3080	3047	1.99	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	75	125	117	106	25.38	cps
Erbium	164-2	57	60	53	57	5.89	cps
Gadolinium	160-1	242	233	225	233	3.57	cps
Gadolinium	160-2	707	580	610	632	10.47	cps
Holmium	165-1	31358280	31590501	31239047	31395942	0.57	cps
Holmium	165-2	16898745	16931039	16694863	16841549	0.76	cps
Indium	115-1	23426294	23798191	23503299	23575928	0.83	cps
Indium	115-2	5211731	5192691	5216636	5207020	0.24	cps
Iron	56-2	13162	13412	13445	13340	1.16	cps
Iron	57-2	383	394	261	346	21.36	cps
Krypton	83-1	677	683	717	692	3.10	cps
Lead	206-1	1745	1645	1328	1572	13.84	cps
Lead	207-1	1383	1333	1311	1343	2.76	cps
Lead	208-1	6762	6356	5512	6210	10.27	cps
Lithium	6-1	8231729	8258219	8167412	8219120	0.57	cps
Magnesium	24-2	1033	1008	1067	1036	2.82	cps

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:18:14	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	110	117	113	113	2.94	cps
Molybdenum	94-1	1100	1083	1017	1067	4.13	cps
Molybdenum	95-1	733	883	892	836	10.66	cps
Molybdenum	96-1	1267	1100	1042	1136	10.28	cps
Molybdenum	97-1	433	675	575	561	21.64	cps
Molybdenum	98-1	1458	1684	1458	1533	8.47	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	217	247	260	241	9.21	cps
Phosphorus	31-2	442	675	592	569	20.77	cps
Potassium	39-2	37624	36805	37382	37270	1.13	cps
Rhodium	103-1	21792952	21495740	21356565	21548419	1.03	cps
Rhodium	103-2	10852332	10744399	10737954	10778228	0.60	cps
Scandium	45-1	15599879	15653471	15453407	15568919	0.67	cps
Scandium	45-2	754136	754624	750595	753119	0.29	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	107	78	113	99	19.03	cps
Selenium	82-1	105	149	38	97	57.65	cps
Silicon	28-1	368508	368904	367364	368259	0.22	cps
Silver	109-1	833	675	758	756	10.48	cps
Silver	107-1	1017	1301	900	1072	19.21	cps
Sodium	23-2	34499	32503	32127	33043	3.86	cps
Strontium	86-1	1067	1133	1192	1131	5.53	cps
Strontium	88-1	375	458	358	397	13.49	cps
Sulfur	34-1	722633	721013	731955	725200	0.81	cps
Terbium	159-1	32189093	32197906	32025844	32137614	0.30	cps
Terbium	159-2	16508507	16307503	16455361	16423790	0.63	cps
Thallium	203-1	1042	767	708	839	21.22	cps
Thallium	205-1	2092	2317	1875	2095	10.54	cps
Thorium	232-1	4251	4195	4067	4171	2.25	cps
Tin	118-1	1967	1900	2167	2011	6.90	cps
Titanium	47-1	375	375	383	378	1.27	cps
Uranium	238-1	167	208	225	200	15.02	cps
Vanadium	51-2	40	27	17	28	42.13	cps
Yttrium	89-1	23939832	23916342	23836678	23897617	0.23	cps
Yttrium	89-2	3780277	3786075	3794770	3787041	0.19	cps

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:18:14	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1250	1217	1183	1217	2.74	cps
Zirconium	90-1	2100	1967	2017	2028	3.32	cps
Zirconium	91-1	367	442	425	411	9.58	cps

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:21:51	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21738675	21853634	21567771	21720027	0.66	cps
Antimony	121-1	20399	20891	21768	21019	3.30	cps
Arsenic	75-1	5092	5230	5449	5257	3.43	cps
Barium	135-1	6744	7177	7044	6988	3.18	cps
Barium	137-1	12598	12223	12298	12373	1.61	cps
Beryllium	9-1	1667	1717	1660	1681	1.84	cps
Bismuth	209-1	17569221	17799231	17893126	17753859	0.94	cps
Bismuth	209-2	10366514	10367470	10325135	10353039	0.23	cps
Boron	10-1	8878	8227	8086	8397	5.03	cps
Boron	11-1	41550	39845	39545	40313	2.68	cps
Cadmium	111-1	14243	13597	13298	13712	3.52	cps
Cadmium	106-1	15159	14266	13991	14472	4.22	cps
Cadmium	108-1	7936	7781	8136	7951	2.23	cps
Calcium	43-1	6089839	6124420	6102128	6105462	0.29	cps
Calcium	44-1	98316006	99191508	98345169	98617561	0.50	cps
Chromium	52-2	122154	121418	120380	121317	0.73	cps
Cobalt	59-2	11805	11982	11651	11813	1.40	cps
Copper	63-2	56131	56455	56040	56209	0.39	cps
Dysprosium	156-1	50	83	92	75	29.40	cps
Dysprosium	156-2	63	50	53	56	12.49	cps
Erbium	164-1	142	108	167	139	21.07	cps
Erbium	164-2	97	77	70	81	17.11	cps
Gadolinium	160-1	300	258	283	281	7.47	cps
Gadolinium	160-2	597	637	660	631	5.08	cps
Holmium	165-1	29284120	29568765	30007963	29620283	1.23	cps
Holmium	165-2	15680845	15878017	15773214	15777359	0.63	cps
Indium	115-1	20648461	20540151	20941965	20710193	1.00	cps
Indium	115-2	4516323	4541363	4516440	4524709	0.32	cps
Iron	56-2	543571512	545021723	539530612	542707949	0.52	cps
Iron	57-2	13250259	13297849	13213645	13253918	0.32	cps
Krypton	83-1	633	550	627	603	7.68	cps
Lead	206-1	81529	81444	81433	81469	0.06	cps
Lead	207-1	63325	63079	63704	63369	0.50	cps
Lead	208-1	302847	302353	303824	303008	0.25	cps
Lithium	6-1	7256793	7236124	7266365	7253094	0.21	cps
Magnesium	24-2	52918967	53158669	52688425	52922020	0.44	cps

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:21:51	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	31447	31701	31407	31518	0.51	cps
Molybdenum	94-1	10102505	10176958	10119480	10132981	0.39	cps
Molybdenum	95-1	17862433	17850834	17764155	17825807	0.30	cps
Molybdenum	96-1	18785601	19191436	19170249	19049096	1.20	cps
Molybdenum	97-1	10981541	11189877	11209213	11126877	1.13	cps
Molybdenum	98-1	28637796	29165908	29126709	28976804	1.02	cps
Neodymium	150-1	107	93	60	87	27.74	cps
Neodymium	150-2	47	43	13	34	53.31	cps
Nickel	60-2	13643	13239	13436	13440	1.50	cps
Phosphorus	31-2	1346168	1346329	1354813	1349103	0.37	cps
Potassium	39-2	49582504	49720151	49592014	49631556	0.15	cps
Rhodium	103-1	17878559	18083032	18113479	18025023	0.71	cps
Rhodium	103-2	9009085	9044972	9011856	9021971	0.22	cps
Scandium	45-1	13603635	13830569	13641089	13691764	0.89	cps
Scandium	45-2	668417	668964	663863	667081	0.42	cps
Selenium	77-2	7	10	3	7	50.03	cps
Selenium	78-2	67	89	81	79	14.32	cps
Selenium	82-1	99	172	161	144	27.48	cps
Silicon	28-1	650436	651847	653064	651783	0.20	cps
Silver	109-1	4943	4226	4309	4493	8.73	cps
Silver	107-1	5226	4784	4326	4779	9.42	cps
Sodium	23-2	98388871	99296671	97872696	98519413	0.73	cps
Strontium	86-1	205781	211654	209675	209037	1.43	cps
Strontium	88-1	1843123	1830885	1841933	1838647	0.37	cps
Sulfur	34-1	10129508	10124437	10125421	10126455	0.03	cps
Terbium	159-1	30067218	30169875	30483137	30240076	0.72	cps
Terbium	159-2	15352351	15345176	15340664	15346064	0.04	cps
Thallium	203-1	2075	1825	1450	1784	17.64	cps
Thallium	205-1	4909	3876	3526	4104	17.53	cps
Thorium	232-1	9220	9487	9098	9268	2.15	cps
Tin	118-1	4751	4818	4501	4690	3.56	cps
Titanium	47-1	5484842	5532328	5493795	5503655	0.46	cps
Uranium	238-1	1183	1325	1242	1250	5.70	cps
Vanadium	51-2	863	910	983	919	6.58	cps
Yttrium	89-1	21383921	21393405	21630406	21469244	0.65	cps
Yttrium	89-2	3355902	3378983	3382839	3372575	0.43	cps

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:21:51	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	13303	13306	13306	13305	0.01	cps
Zirconium	90-1	2700	2959	2642	2767	6.09	cps
Zirconium	91-1	542	600	433	525	16.11	cps

LB Number : LB102242 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-19 15:25:29 DataFile Name : 015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21919729	21640441	21600077	21720082	0.80	cps
Antimony	121-1	375242	376289	377377	376302	0.28	cps
Arsenic	75-1	89265	88929	91496	89897	1.55	cps
Barium	135-1	101284	103962	103433	102893	1.38	cps
Barium	137-1	179741	178391	181230	179787	0.79	cps
Beryllium	9-1	106080	106896	104865	105947	0.96	cps
Bismuth	209-1	18147819	17870553	17986876	18001749	0.77	cps
Bismuth	209-2	10349804	10475878	10354355	10393346	0.69	cps
Boron	10-1	78688	80147	78730	79188	1.05	cps
Boron	11-1	370288	378849	374529	374555	1.14	cps
Cadmium	111-1	127292	126531	125223	126348	0.83	cps
Cadmium	106-1	34627	34694	33307	34209	2.29	cps
Cadmium	108-1	19167	18437	18871	18825	1.95	cps
Calcium	43-1	6278813	6257723	6196659	6244398	0.68	cps
Calcium	44-1	101451690	100656594	100709944	100939409	0.44	cps
Chromium	52-2	245764	244453	244348	244855	0.32	cps
Cobalt	59-2	205686	205994	206603	206094	0.23	cps
Copper	63-2	189972	189773	189419	189721	0.15	cps
Dysprosium	156-1	108	108	108	108	0.00	cps
Dysprosium	156-2	47	50	90	62	38.75	cps
Erbium	164-1	233	125	167	175	31.23	cps
Erbium	164-2	103	80	90	91	12.85	cps
Gadolinium	160-1	300	317	292	303	4.21	cps
Gadolinium	160-2	590	657	617	621	5.40	cps
Holmium	165-1	30246036	30312415	30498351	30352267	0.43	cps
Holmium	165-2	15852686	15808961	15789824	15817157	0.20	cps
Indium	115-1	21351267	20917256	21034578	21101034	1.06	cps
Indium	115-2	4574528	4570302	4583930	4576254	0.15	cps
Iron	56-2	549203457	543101057	545450146	545918220	0.56	cps
Iron	57-2	13433270	13354469	13334994	13374245	0.39	cps
Krypton	83-1	620	713	623	652	8.12	cps
Lead	206-1	425691	431018	425781	427497	0.71	cps
Lead	207-1	346524	346037	344275	345612	0.34	cps
Lead	208-1	1626668	1623517	1618327	1622838	0.26	cps
Lithium	6-1	7280834	7225021	7254288	7253381	0.38	cps
Magnesium	24-2	53276996	52544054	53044202	52955084	0.71	cps

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:25:29	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	110250	109527	108651	109476	0.73	cps
Molybdenum	94-1	11600165	11569580	11606669	11592138	0.17	cps
Molybdenum	95-1	18987521	18905116	18926669	18939768	0.23	cps
Molybdenum	96-1	20405945	20245159	20351253	20334119	0.40	cps
Molybdenum	97-1	11772979	11741023	11712899	11742300	0.26	cps
Molybdenum	98-1	30651978	30710479	30471298	30611251	0.41	cps
Neodymium	150-1	60	100	107	89	28.40	cps
Neodymium	150-2	27	10	33	23	51.50	cps
Nickel	60-2	63514	62138	62463	62705	1.15	cps
Phosphorus	31-2	1369403	1350888	1361986	1360759	0.68	cps
Potassium	39-2	50042966	49921960	50040099	50001675	0.14	cps
Rhodium	103-1	18395783	18379215	18331857	18368952	0.18	cps
Rhodium	103-2	9089331	9148509	9124602	9120814	0.33	cps
Scandium	45-1	14083511	14060940	14017366	14053939	0.24	cps
Scandium	45-2	671081	672585	677931	673866	0.53	cps
Selenium	77-2	450	467	510	476	6.51	cps
Selenium	78-2	1504	1596	1569	1556	3.05	cps
Selenium	82-1	8504	8493	8751	8583	1.70	cps
Silicon	28-1	1656224	1662810	1649892	1656309	0.39	cps
Silver	109-1	461649	463435	458882	461322	0.50	cps
Silver	107-1	482516	486986	486438	485313	0.50	cps
Sodium	23-2	99229619	99017383	98367121	98871374	0.45	cps
Strontium	86-1	658224	657140	653563	656309	0.37	cps
Strontium	88-1	5766563	5663428	5755117	5728369	0.99	cps
Sulfur	34-1	10293061	10326418	10097187	10238889	1.21	cps
Terbium	159-1	30894970	30703777	30818307	30805685	0.31	cps
Terbium	159-2	15327264	15386377	15322454	15345365	0.23	cps
Thallium	203-1	416652	416575	420455	417894	0.53	cps
Thallium	205-1	1017971	1026883	1031710	1025522	0.68	cps
Thorium	232-1	16550	16394	16967	16637	1.78	cps
Tin	118-1	1150007	1149874	1157634	1152505	0.39	cps
Titanium	47-1	5829348	5775760	5802649	5802585	0.46	cps
Uranium	238-1	5191714	5230461	5246523	5222900	0.54	cps
Vanadium	51-2	98627	96013	97721	97454	1.36	cps
Yttrium	89-1	22052230	21856797	21838763	21915930	0.54	cps
Yttrium	89-2	3420925	3417959	3428463	3422449	0.16	cps

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:25:29	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	35654	35654	36172	35826	0.83	cps
Zirconium	90-1	2341161	2333364	2342616	2339047	0.21	cps
Zirconium	91-1	520184	526289	526206	524226	0.67	cps

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	CCV85	Instrumnet Name :	P7
Client Sample ID :	CCV85	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:29:07	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13064976	13023115	12987610	13025234	0.30	cps
Antimony	121-1	8392119	8325654	8400142	8372639	0.49	cps
Arsenic	75-1	2003077	1962855	1997996	1987976	1.10	cps
Barium	135-1	11304920	11245643	11383696	11311420	0.61	cps
Barium	137-1	20037601	19667749	19733963	19813105	1.00	cps
Beryllium	9-1	2487946	2483733	2485155	2485612	0.09	cps
Bismuth	209-1	17244558	17203413	17038324	17162098	0.64	cps
Bismuth	209-2	9807787	9761935	9755987	9775236	0.29	cps
Boron	10-1	471990	485577	486073	481213	1.66	cps
Boron	11-1	2238716	2275665	2309700	2274694	1.56	cps
Cadmium	111-1	2567364	2583248	2580425	2577012	0.33	cps
Cadmium	106-1	314312	306674	312565	311184	1.29	cps
Cadmium	108-1	198545	201296	203512	201118	1.24	cps
Calcium	43-1	15257898	15050462	15219413	15175924	0.73	cps
Calcium	44-1	247593714	245098839	244282330	245658294	0.70	cps
Chromium	52-2	2985087	2996708	2986797	2989531	0.21	cps
Cobalt	59-2	4675501	4688848	4668698	4677683	0.22	cps
Copper	63-2	6758495	6721844	6737386	6739242	0.27	cps
Dysprosium	156-1	325	358	375	353	7.22	cps
Dysprosium	156-2	343	337	380	353	6.60	cps
Erbium	164-1	75	167	225	156	48.61	cps
Erbium	164-2	80	70	83	78	8.92	cps
Gadolinium	160-1	333	358	367	353	4.92	cps
Gadolinium	160-2	747	607	643	666	10.91	cps
Holmium	165-1	30438107	30043461	29756942	30079503	1.14	cps
Holmium	165-2	15451912	15390169	15474515	15438865	0.28	cps
Indium	115-1	20537315	20537779	20318596	20464563	0.62	cps
Indium	115-2	4431424	4406500	4453459	4430461	0.53	cps
Iron	56-2	678232082	679748326	678885771	678955393	0.11	cps
Iron	57-2	16672707	16810492	16742936	16742045	0.41	cps
Krypton	83-1	700	703	597	667	9.10	cps
Lead	206-1	7757443	7741141	7773711	7757432	0.21	cps
Lead	207-1	6863946	6878500	6888745	6877064	0.18	cps
Lead	208-1	31144730	31000625	31196089	31113814	0.33	cps
Lithium	6-1	7109961	7064991	6988217	7054390	0.87	cps
Magnesium	24-2	133236503	132957507	132597790	132930600	0.24	cps

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	CCV85	Instrumnet Name :	P7
Client Sample ID :	CCV85	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:29:07	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3847006	3866124	3870998	3861376	0.33	cps
Molybdenum	94-1	18656849	18462746	18544042	18554546	0.53	cps
Molybdenum	95-1	22613957	22431450	22521342	22522250	0.41	cps
Molybdenum	96-1	25398494	25009474	24976792	25128254	0.93	cps
Molybdenum	97-1	14140115	14011784	13935507	14029135	0.74	cps
Molybdenum	98-1	37018799	36689887	36469454	36726047	0.75	cps
Neodymium	150-1	1540	1393	1253	1396	10.27	cps
Neodymium	150-2	213	197	213	208	4.63	cps
Nickel	60-2	1172064	1166613	1167353	1168677	0.25	cps
Phosphorus	31-2	135763	134570	133912	134748	0.70	cps
Potassium	39-2	63470418	63737404	63193029	63466950	0.43	cps
Rhodium	103-1	17841127	17637164	17478579	17652290	1.03	cps
Rhodium	103-2	8646201	8687918	8661647	8665255	0.24	cps
Scandium	45-1	14011022	13866206	13854833	13910687	0.63	cps
Scandium	45-2	683060	676098	679105	679421	0.51	cps
Selenium	77-2	9997	10230	10327	10185	1.67	cps
Selenium	78-2	34174	34483	34179	34279	0.52	cps
Selenium	82-1	195349	195554	195564	195489	0.06	cps
Silicon	28-1	6693754	6780709	6847874	6774113	1.14	cps
Silver	109-1	10817720	10891062	10839838	10849540	0.35	cps
Silver	107-1	11383614	11191479	11275266	11283453	0.85	cps
Sodium	23-2	248870539	246105831	245825705	246934025	0.68	cps
Strontium	86-1	3061688	3017138	3074733	3051187	0.99	cps
Strontium	88-1	26732186	26354734	26606253	26564391	0.72	cps
Sulfur	34-1	1850563	1827985	1845531	1841360	0.64	cps
Terbium	159-1	30702553	30575395	30021992	30433313	1.19	cps
Terbium	159-2	15112205	15105968	15094366	15104179	0.06	cps
Thallium	203-1	9868338	9779359	9714669	9787455	0.79	cps
Thallium	205-1	23699310	23901854	23684805	23761990	0.51	cps
Thorium	232-1	35657792	35686386	35536766	35626981	0.22	cps
Tin	118-1	7650648	7536453	7637963	7608355	0.82	cps
Titanium	47-1	6687523	6636704	6685415	6669881	0.43	cps
Uranium	238-1	34469189	34498483	34415888	34461187	0.12	cps
Vanadium	51-2	2432707	2430227	2416806	2426580	0.35	cps
Yttrium	89-1	21937631	21556338	21295611	21596527	1.50	cps
Yttrium	89-2	3372276	3394517	3395043	3387279	0.38	cps

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	CCV85	Instrumnet Name :	P7
Client Sample ID :	CCV85	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:29:07	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1234184	1238136	1242824	1238381	0.35	cps
Zirconium	90-1	15751745	15592277	15559911	15634644	0.66	cps
Zirconium	91-1	3521125	3504268	3550305	3525232	0.66	cps

LB Number : LB102242 Operator : Jaswal
 Lab Sample ID : CCB85 Instrumnet Name : P7
 Client Sample ID : CCB85 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-19 15:36:26 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200	175	158	178	11.80	cps
Antimony	121-1	1884	1909	1967	1920	2.23	cps
Arsenic	75-1	-450	-687	-836	-658	-29.57	cps
Barium	135-1	167	133	125	142	15.56	cps
Barium	137-1	408	275	250	311	27.36	cps
Beryllium	9-1	320	333	367	340	7.07	cps
Bismuth	209-1	20534058	20598557	20538368	20556994	0.18	cps
Bismuth	209-2	12252985	12137177	12371882	12254015	0.96	cps
Boron	10-1	12164	11880	11622	11888	2.28	cps
Boron	11-1	58280	55762	55034	56359	3.02	cps
Cadmium	111-1	11232	11477	11185	11298	1.39	cps
Cadmium	106-1	16043	16394	15985	16140	1.37	cps
Cadmium	108-1	75	33	42	50	44.10	cps
Calcium	43-1	725	608	658	664	8.82	cps
Calcium	44-1	24647	23011	21901	23187	5.96	cps
Chromium	52-2	1733	1687	1690	1703	1.53	cps
Cobalt	59-2	343	283	363	330	12.62	cps
Copper	63-2	3454	3407	3470	3444	0.95	cps
Dysprosium	156-1	25	8	17	17	50.01	cps
Dysprosium	156-2	7	10	10	9	21.63	cps
Erbium	164-1	75	183	125	128	42.43	cps
Erbium	164-2	57	50	57	54	7.07	cps
Gadolinium	160-1	167	192	233	197	17.08	cps
Gadolinium	160-2	650	647	583	627	5.99	cps
Holmium	165-1	31997218	31816842	32111524	31975195	0.46	cps
Holmium	165-2	16728773	16852067	17116126	16898988	1.17	cps
Indium	115-1	23806514	23912250	23905897	23874887	0.25	cps
Indium	115-2	5196274	5295831	5301520	5264542	1.12	cps
Iron	56-2	14969	14941	14407	14773	2.14	cps
Iron	57-2	433	439	417	430	2.69	cps
Krypton	83-1	643	683	640	656	3.68	cps
Lead	206-1	4456	4707	4362	4508	3.95	cps
Lead	207-1	3990	3778	3562	3777	5.67	cps
Lead	208-1	17683	17739	16466	17296	4.16	cps
Lithium	6-1	8105114	8107017	8084480	8098870	0.15	cps
Magnesium	24-2	1183	1192	1183	1186	0.40	cps

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	CCB85	Instrumnet Name :	P7
Client Sample ID :	CCB85	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:36:26	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	103	110	60	91	29.80	cps
Molybdenum	94-1	2142	1834	1859	1945	8.81	cps
Molybdenum	95-1	2484	2067	1834	2128	15.48	cps
Molybdenum	96-1	2675	2150	1842	2223	18.96	cps
Molybdenum	97-1	1350	1050	1117	1172	13.44	cps
Molybdenum	98-1	4009	3367	2734	3370	18.92	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	167	233	240	213	19.01	cps
Phosphorus	31-2	458	625	567	550	15.38	cps
Potassium	39-2	37716	37482	39378	38192	2.71	cps
Rhodium	103-1	21723881	21790712	21817258	21777284	0.22	cps
Rhodium	103-2	10938649	10999552	11020014	10986072	0.39	cps
Scandium	45-1	15606768	15497634	15644911	15583104	0.49	cps
Scandium	45-2	749775	760835	765598	758736	1.07	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	89	94	74	86	12.27	cps
Selenium	82-1	43	44	102	63	53.67	cps
Silicon	28-1	354871	355183	356015	355357	0.17	cps
Silver	109-1	508	533	433	492	10.59	cps
Silver	107-1	633	642	675	650	3.39	cps
Sodium	23-2	32628	33447	33196	33090	1.27	cps
Strontium	86-1	1133	1092	1025	1083	5.04	cps
Strontium	88-1	592	583	542	572	4.68	cps
Sulfur	34-1	741895	752178	744799	746291	0.71	cps
Terbium	159-1	32778374	32260487	32441218	32493360	0.81	cps
Terbium	159-2	16592626	16669262	16616761	16626217	0.24	cps
Thallium	203-1	1325	1350	1325	1333	1.08	cps
Thallium	205-1	2892	3092	2950	2978	3.45	cps
Thorium	232-1	3734	3367	3312	3471	6.61	cps
Tin	118-1	2092	2134	1917	2047	5.62	cps
Titanium	47-1	442	483	333	419	18.46	cps
Uranium	238-1	583	383	367	444	27.13	cps
Vanadium	51-2	37	30	17	28	36.66	cps
Yttrium	89-1	24441440	24235239	24367537	24348072	0.43	cps
Yttrium	89-2	3807543	3831949	3856423	3831972	0.64	cps

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	CCB85	Instrumnet Name :	P7
Client Sample ID :	CCB85	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:36:26	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1087	1110	1180	1126	4.32	cps
Zirconium	90-1	2475	2300	2384	2386	3.67	cps
Zirconium	91-1	442	592	475	503	15.67	cps

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:40:03	DataFile Name :	018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5176	5301	5076	5184	2.17	cps
Antimony	121-1	36548	37869	36724	37047	1.94	cps
Arsenic	75-1	3639	3496	2741	3292	14.65	cps
Barium	135-1	47925	49799	49113	48946	1.94	cps
Barium	137-1	85840	87828	86738	86802	1.15	cps
Beryllium	9-1	5975	6108	5861	5981	2.07	cps
Bismuth	209-1	20907446	20712859	20627848	20749384	0.69	cps
Bismuth	209-2	12128770	12156269	12279720	12188253	0.66	cps
Boron	10-1	32887	35568	34724	34393	3.99	cps
Boron	11-1	158095	161330	161219	160215	1.15	cps
Cadmium	111-1	18001	18114	17382	17832	2.21	cps
Cadmium	106-1	17745	17703	16952	17467	2.55	cps
Cadmium	108-1	496	608	504	536	11.69	cps
Calcium	43-1	33798	34425	34082	34102	0.92	cps
Calcium	44-1	565892	565481	558972	563448	0.69	cps
Chromium	52-2	14858	15041	14804	14901	0.83	cps
Cobalt	59-2	11038	11138	11358	11178	1.47	cps
Copper	63-2	18619	18592	19033	18748	1.32	cps
Dysprosium	156-1	17	25	0	14	91.65	cps
Dysprosium	156-2	10	7	10	9	21.63	cps
Erbium	164-1	125	100	42	89	48.11	cps
Erbium	164-2	50	43	53	49	10.42	cps
Gadolinium	160-1	225	208	167	200	15.02	cps
Gadolinium	160-2	627	600	747	658	11.88	cps
Holmium	165-1	32422031	32024769	31859412	32102071	0.90	cps
Holmium	165-2	16996383	16806426	17104621	16969143	0.89	cps
Indium	115-1	24217414	24249299	23839633	24102115	0.95	cps
Indium	115-2	5270715	5286996	5358848	5305519	0.88	cps
Iron	56-2	325985	325424	326458	325956	0.16	cps
Iron	57-2	8442	8536	8442	8473	0.64	cps
Krypton	83-1	697	623	643	654	5.79	cps
Lead	206-1	20216	20116	19865	20066	0.90	cps
Lead	207-1	16706	16906	17206	16939	1.49	cps
Lead	208-1	78092	78772	78955	78606	0.58	cps
Lithium	6-1	8203634	8254430	8237083	8231716	0.31	cps
Magnesium	24-2	295477	292850	291882	293403	0.63	cps

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:40:03	DataFile Name :	018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4321	4657	4434	4471	3.83	cps
Molybdenum	94-1	41453	42180	40492	41375	2.05	cps
Molybdenum	95-1	51468	51118	49989	50858	1.52	cps
Molybdenum	96-1	56881	56379	55810	56357	0.95	cps
Molybdenum	97-1	32062	31302	31979	31781	1.31	cps
Molybdenum	98-1	82179	81131	81709	81673	0.64	cps
Neodymium	150-1	13	20	27	20	33.35	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	3010	3204	3130	3115	3.13	cps
Phosphorus	31-2	1275	1258	1467	1333	8.68	cps
Potassium	39-2	307085	302102	304568	304585	0.82	cps
Rhodium	103-1	22025294	22212903	21988452	22075549	0.55	cps
Rhodium	103-2	11009227	10917366	11051945	10992846	0.63	cps
Scandium	45-1	16009373	15916174	15845888	15923812	0.52	cps
Scandium	45-2	764390	761957	770085	765477	0.55	cps
Selenium	77-2	140	163	153	152	7.69	cps
Selenium	78-2	528	474	541	514	6.87	cps
Selenium	82-1	2647	2826	2655	2709	3.75	cps
Silicon	28-1	498045	497627	496830	497500	0.12	cps
Silver	109-1	31536	31344	31219	31366	0.51	cps
Silver	107-1	31611	32062	32806	32160	1.88	cps
Sodium	23-2	555945	550883	552067	552965	0.48	cps
Strontium	86-1	7644	7627	7536	7602	0.77	cps
Strontium	88-1	54580	56889	57198	56222	2.55	cps
Sulfur	34-1	782124	780200	784088	782137	0.25	cps
Terbium	159-1	32969644	33400181	32658154	33009326	1.13	cps
Terbium	159-2	16651258	16561394	16806191	16672948	0.74	cps
Thallium	203-1	22244	21335	20734	21438	3.55	cps
Thallium	205-1	53518	50916	50448	51627	3.20	cps
Thorium	232-1	68157	68716	67615	68163	0.81	cps
Tin	118-1	87841	90473	88722	89012	1.51	cps
Titanium	47-1	15017	15534	15859	15470	2.75	cps
Uranium	238-1	64621	66328	63473	64808	2.22	cps
Vanadium	51-2	27456	27483	27676	27538	0.44	cps
Yttrium	89-1	24714954	24590341	24811514	24705603	0.45	cps
Yttrium	89-2	3855024	3862718	3891150	3869630	0.49	cps

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:40:03	DataFile Name :	018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3741	3734	3661	3712	1.20	cps
Zirconium	90-1	33975	34526	34802	34434	1.22	cps
Zirconium	91-1	7594	7861	7652	7702	1.82	cps

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	PB119038BL	Instrumnet Name :	P7
Client Sample ID :	PB119038BL	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:43:39	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	183	83	131	38.47	cps
Antimony	121-1	608	600	617	608	1.37	cps
Arsenic	75-1	-679	-859	-539	-692	-23.19	cps
Barium	135-1	308	317	242	289	14.23	cps
Barium	137-1	442	408	392	414	6.15	cps
Beryllium	9-1	233	283	247	254	10.18	cps
Bismuth	209-1	20219305	19855363	20550851	20208506	1.72	cps
Bismuth	209-2	11695509	11763697	12111284	11856830	1.88	cps
Boron	10-1	8369	8194	7410	7991	6.39	cps
Boron	11-1	39194	37581	35267	37347	5.28	cps
Cadmium	111-1	11936	11696	11852	11828	1.03	cps
Cadmium	106-1	17044	16735	16952	16911	0.94	cps
Cadmium	108-1	17	33	33	28	34.63	cps
Calcium	43-1	558	542	483	528	7.46	cps
Calcium	44-1	23771	24230	24030	24010	0.96	cps
Chromium	52-2	2037	2054	2227	2106	5.00	cps
Cobalt	59-2	327	357	357	347	5.00	cps
Copper	63-2	3794	3754	3674	3741	1.63	cps
Dysprosium	156-1	8	8	25	14	69.31	cps
Dysprosium	156-2	13	0	7	7	99.98	cps
Erbium	164-1	67	83	58	69	18.33	cps
Erbium	164-2	43	53	50	49	10.42	cps
Gadolinium	160-1	217	308	158	228	33.20	cps
Gadolinium	160-2	523	603	610	579	8.33	cps
Holmium	165-1	31546957	31184698	31988739	31573465	1.28	cps
Holmium	165-2	16220195	16342664	16986226	16516361	2.49	cps
Indium	115-1	23645778	23430844	24310291	23795637	1.93	cps
Indium	115-2	5081383	5073753	5330754	5161963	2.83	cps
Iron	56-2	11805	12561	12289	12218	3.13	cps
Iron	57-2	383	306	350	346	11.27	cps
Krypton	83-1	677	640	773	697	9.89	cps
Lead	206-1	3173	2800	3017	2997	6.24	cps
Lead	207-1	2639	2634	2650	2641	0.32	cps
Lead	208-1	12319	11758	11686	11921	2.91	cps
Lithium	6-1	8078825	8091256	8148057	8106046	0.46	cps
Magnesium	24-2	742	817	708	756	7.34	cps

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	PB119038BL	Instrumnet Name :	P7
Client Sample ID :	PB119038BL	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:43:39	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	130	107	143	127	14.65	cps
Molybdenum	94-1	1008	942	1042	997	5.11	cps
Molybdenum	95-1	558	475	667	567	16.96	cps
Molybdenum	96-1	842	742	733	772	7.81	cps
Molybdenum	97-1	342	275	325	314	11.05	cps
Molybdenum	98-1	917	942	875	911	3.70	cps
Neodymium	150-1	20	13	0	11	91.66	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	280	227	267	258	10.77	cps
Phosphorus	31-2	467	617	625	569	15.65	cps
Potassium	39-2	38050	36755	36438	37081	2.30	cps
Rhodium	103-1	21617347	21713898	21830227	21720491	0.49	cps
Rhodium	103-2	10632039	10635449	11051044	10772844	2.24	cps
Scandium	45-1	15708556	15483282	15978234	15723357	1.58	cps
Scandium	45-2	735784	739596	773733	749704	2.79	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	106	117	120	114	6.75	cps
Selenium	82-1	48	102	-10	47	120.75	cps
Silicon	28-1	385345	387900	386548	386597	0.33	cps
Silver	109-1	375	333	292	333	12.50	cps
Silver	107-1	592	575	408	525	19.31	cps
Sodium	23-2	22409	21808	21883	22034	1.49	cps
Strontium	86-1	1092	1183	1208	1161	5.29	cps
Strontium	88-1	658	592	617	622	5.41	cps
Sulfur	34-1	790464	788847	795608	791640	0.45	cps
Terbium	159-1	32167627	32048065	32730267	32315320	1.13	cps
Terbium	159-2	15937857	15924092	16616826	16159592	2.45	cps
Thallium	203-1	1100	967	892	986	10.70	cps
Thallium	205-1	2659	2542	2642	2614	2.41	cps
Thorium	232-1	3967	4023	3934	3975	1.13	cps
Tin	118-1	2342	2284	2284	2303	1.46	cps
Titanium	47-1	258	350	392	333	20.46	cps
Uranium	238-1	150	175	217	181	18.65	cps
Vanadium	51-2	13	3	10	9	57.30	cps
Yttrium	89-1	24191465	24073735	24452783	24239328	0.80	cps
Yttrium	89-2	3723219	3712393	3890568	3775393	2.65	cps

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	PB119038BL	Instrumnet Name :	P7
Client Sample ID :	PB119038BL	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:43:39	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	683	733	710	709	3.53	cps
Zirconium	90-1	2375	1925	2409	2236	12.07	cps
Zirconium	91-1	567	442	408	472	17.68	cps

LB Number : LB102242 Operator : Jaswal
 Lab Sample ID : PB119038BS Instrumnet Name : P7
 Client Sample ID : PB119038BS Dilution Factor : 1
 Date & Time Acquired :: 2019-04-19 15:47:15 DataFile Name : 020DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2296027	2307552	2290182	2297921	0.38	cps
Antimony	121-1	9012696	8910662	8871437	8931598	0.82	cps
Arsenic	75-1	2176074	2184897	2140589	2167187	1.08	cps
Barium	135-1	11718260	11626967	11518547	11621258	0.86	cps
Barium	137-1	20662954	20434019	20090582	20395852	1.41	cps
Beryllium	9-1	2659443	2627435	2602535	2629804	1.08	cps
Bismuth	209-1	19161489	19258632	19116869	19178997	0.38	cps
Bismuth	209-2	10972578	10953783	11026835	10984399	0.35	cps
Boron	10-1	486551	497743	498890	494395	1.38	cps
Boron	11-1	2299164	2336899	2366012	2334025	1.44	cps
Cadmium	111-1	2879507	2857617	2837735	2858286	0.73	cps
Cadmium	106-1	337208	335368	334151	335576	0.46	cps
Cadmium	108-1	219595	220717	220319	220210	0.26	cps
Calcium	43-1	3260213	3271653	3224873	3252247	0.75	cps
Calcium	44-1	52178120	51581674	50988283	51582692	1.15	cps
Chromium	52-2	3040801	3027164	3019021	3028995	0.36	cps
Cobalt	59-2	4835974	4858591	4841591	4845385	0.24	cps
Copper	63-2	6586707	6535181	6500323	6540737	0.66	cps
Dysprosium	156-1	375	392	292	353	15.19	cps
Dysprosium	156-2	333	270	313	306	10.59	cps
Erbium	164-1	117	108	108	111	4.33	cps
Erbium	164-2	57	93	60	70	28.97	cps
Gadolinium	160-1	358	242	292	297	19.69	cps
Gadolinium	160-2	623	630	703	652	6.81	cps
Holmium	165-1	31207229	31170825	31145751	31174601	0.10	cps
Holmium	165-2	16053976	16048393	16039846	16047405	0.04	cps
Indium	115-1	22038098	22018610	21755036	21937248	0.72	cps
Indium	115-2	4706103	4723260	4752720	4727361	0.50	cps
Iron	56-2	136791514	136733481	135804486	136443160	0.41	cps
Iron	57-2	3414111	3408779	3392810	3405233	0.33	cps
Krypton	83-1	660	617	690	656	5.62	cps
Lead	206-1	8262919	8291958	8118271	8224383	1.13	cps
Lead	207-1	7410758	7334009	7229843	7324870	1.24	cps
Lead	208-1	33234664	33128532	32543503	32968899	1.13	cps
Lithium	6-1	7578945	7512115	7481535	7524199	0.66	cps
Magnesium	24-2	26249374	26316777	26106071	26224074	0.41	cps

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	PB119038BS	Instrumnet Name :	P7
Client Sample ID :	PB119038BS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:47:15	DataFile Name :	020DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3946148	3953125	3931152	3943475	0.28	cps
Molybdenum	94-1	19113223	18839823	18615128	18856058	1.32	cps
Molybdenum	95-1	23163696	23108585	22631418	22967900	1.27	cps
Molybdenum	96-1	25916026	25498291	25471229	25628515	0.97	cps
Molybdenum	97-1	14482861	14285065	14193717	14320548	1.03	cps
Molybdenum	98-1	37839024	37113486	36702148	37218219	1.55	cps
Neodymium	150-1	1373	1347	1173	1298	8.37	cps
Neodymium	150-2	147	150	130	142	7.53	cps
Nickel	60-2	1251478	1245910	1244464	1247284	0.30	cps
Phosphorus	31-2	135074	137319	132585	134993	1.75	cps
Potassium	39-2	12207408	12261485	12126630	12198508	0.56	cps
Rhodium	103-1	19683711	19326309	19140901	19383641	1.42	cps
Rhodium	103-2	9432987	9514658	9495031	9480892	0.45	cps
Scandium	45-1	14477670	14451482	14276423	14401858	0.76	cps
Scandium	45-2	666821	673291	670629	670247	0.49	cps
Selenium	77-2	11308	11485	11218	11337	1.20	cps
Selenium	78-2	37751	37851	37582	37728	0.36	cps
Selenium	82-1	220797	220384	219202	220128	0.38	cps
Silicon	28-1	7066475	7061496	7085962	7071311	0.18	cps
Silver	109-1	12136576	12159115	12051844	12115845	0.47	cps
Silver	107-1	12747451	12713935	12521791	12661059	0.96	cps
Sodium	23-2	48113105	48021422	47984027	48039518	0.14	cps
Strontium	86-1	3167089	3162832	3125303	3151742	0.73	cps
Strontium	88-1	27561268	27521621	27101854	27394915	0.93	cps
Sulfur	34-1	1943539	1925085	1896583	1921736	1.23	cps
Terbium	159-1	31437365	31605245	31409095	31483901	0.34	cps
Terbium	159-2	15805254	15705497	15779641	15763464	0.33	cps
Thallium	203-1	10320803	10281367	10326237	10309469	0.24	cps
Thallium	205-1	25091380	25094666	24932645	25039563	0.37	cps
Thorium	232-1	36022489	36091822	35761430	35958580	0.48	cps
Tin	118-1	8094847	8007719	8001217	8034594	0.65	cps
Titanium	47-1	6877793	6792365	6745827	6805328	0.98	cps
Uranium	238-1	35097547	34999572	34732436	34943185	0.54	cps
Vanadium	51-2	2416054	2415101	2397507	2409554	0.43	cps
Yttrium	89-1	22626091	22709522	22517280	22617631	0.43	cps
Yttrium	89-2	3476617	3484060	3490313	3483663	0.20	cps

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	PB119038BS	Instrumnet Name :	P7
Client Sample ID :	PB119038BS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:47:15	DataFile Name :	020DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1146615	1157765	1145158	1149846	0.60	cps
Zirconium	90-1	15952419	15797494	15680363	15810092	0.86	cps
Zirconium	91-1	3577620	3536533	3551192	3555115	0.59	cps

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	K2486-01	Instrumnet Name :	P7
Client Sample ID :	390404749.0	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:50:53	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	708	508	592	603	16.67	cps
Antimony	121-1	4918	5026	5393	5112	4.87	cps
Arsenic	75-1	-293	-201	-478	-324	-43.55	cps
Barium	135-1	288059	291650	292408	290706	0.80	cps
Barium	137-1	504758	503508	516353	508206	1.39	cps
Beryllium	9-1	653	610	637	633	3.45	cps
Bismuth	209-1	19159920	19205205	19233818	19199648	0.19	cps
Bismuth	209-2	11346472	11223398	11283390	11284420	0.55	cps
Boron	10-1	59359	57635	56549	57848	2.45	cps
Boron	11-1	274297	269004	266107	269803	1.54	cps
Cadmium	111-1	11140	10589	11127	10952	2.87	cps
Cadmium	106-1	15509	14700	15409	15206	2.90	cps
Cadmium	108-1	42	67	67	58	24.74	cps
Calcium	43-1	1293403	1274962	1307994	1292120	1.28	cps
Calcium	44-1	20508021	20547783	20851828	20635877	0.91	cps
Chromium	52-2	4651	4761	4664	4692	1.28	cps
Cobalt	59-2	2067	2080	2034	2060	1.17	cps
Copper	63-2	15495	16199	16036	15910	2.32	cps
Dysprosium	156-1	17	25	25	22	21.64	cps
Dysprosium	156-2	13	13	7	11	34.61	cps
Erbium	164-1	83	83	108	92	15.74	cps
Erbium	164-2	53	23	30	36	44.31	cps
Gadolinium	160-1	158	225	208	197	17.59	cps
Gadolinium	160-2	607	577	623	602	3.93	cps
Holmium	165-1	30288502	30671179	30812242	30590641	0.89	cps
Holmium	165-2	16130796	16035719	16215072	16127196	0.56	cps
Indium	115-1	22123986	22118871	22068244	22103700	0.14	cps
Indium	115-2	4773643	4804243	4867263	4815049	0.99	cps
Iron	56-2	57992	57373	53944	56436	3.86	cps
Iron	57-2	11572	11877	12116	11855	2.30	cps
Krypton	83-1	630	637	593	620	3.76	cps
Lead	206-1	3256	3067	3045	3123	3.72	cps
Lead	207-1	2823	2862	2356	2680	10.50	cps
Lead	208-1	12819	12553	11847	12406	4.05	cps
Lithium	6-1	7368648	7450434	7473719	7430934	0.74	cps
Magnesium	24-2	1869659	1890204	1893559	1884474	0.69	cps

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	K2486-01	Instrumnet Name :	P7
Client Sample ID :	390404749.0	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:50:53	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1283	1387	1363	1345	4.03	cps
Molybdenum	94-1	6835	6485	6477	6599	3.10	cps
Molybdenum	95-1	7502	6827	6360	6896	8.33	cps
Molybdenum	96-1	8303	8103	7094	7833	8.27	cps
Molybdenum	97-1	4876	4226	4142	4415	9.10	cps
Molybdenum	98-1	11530	10654	9787	10657	8.18	cps
Neodymium	150-1	53	33	60	49	28.38	cps
Neodymium	150-2	13	3	17	11	62.48	cps
Nickel	60-2	567	533	457	519	10.87	cps
Phosphorus	31-2	1725	1433	1859	1672	13.00	cps
Potassium	39-2	2682818	2695499	2739830	2706049	1.11	cps
Rhodium	103-1	19518624	19764852	19861599	19715025	0.90	cps
Rhodium	103-2	9858998	9914598	9905122	9892906	0.30	cps
Scandium	45-1	14328472	14260072	14424291	14337612	0.58	cps
Scandium	45-2	674243	672778	682775	676599	0.80	cps
Selenium	77-2	0	3	10	4	114.60	cps
Selenium	78-2	87	98	81	89	9.55	cps
Selenium	82-1	50	73	145	89	55.21	cps
Silicon	28-1	52164563	52871793	53072395	52702917	0.90	cps
Silver	109-1	1992	2142	2259	2131	6.27	cps
Silver	107-1	2259	2017	2417	2231	9.03	cps
Sodium	23-2	36254656	36133800	36359607	36249354	0.31	cps
Strontium	86-1	5995061	6017236	6067438	6026579	0.62	cps
Strontium	88-1	52996591	54190353	53667822	53618255	1.12	cps
Sulfur	34-1	1663966	1667277	1671832	1667691	0.24	cps
Terbium	159-1	30982169	31283136	31506940	31257415	0.84	cps
Terbium	159-2	15762837	15625445	15817011	15735098	0.63	cps
Thallium	203-1	1967	2050	1950	1989	2.69	cps
Thallium	205-1	4309	4276	4609	4398	4.18	cps
Thorium	232-1	21457	20734	19721	20637	4.23	cps
Tin	118-1	4359	4359	4176	4298	2.46	cps
Titanium	47-1	2725	3009	2850	2862	4.96	cps
Uranium	238-1	4159	4834	4676	4557	7.75	cps
Vanadium	51-2	453	250	290	331	32.53	cps
Yttrium	89-1	22241989	22680882	22700133	22541001	1.15	cps
Yttrium	89-2	3473165	3493705	3524295	3497055	0.74	cps

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	K2486-01	Instrumnet Name :	P7
Client Sample ID :	390404749.0	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:50:53	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3464	3400	3467	3444	1.09	cps
Zirconium	90-1	7544	6735	7327	7202	5.81	cps
Zirconium	91-1	1667	1358	1617	1547	10.70	cps

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	K2486-01DUP	Instrumnet Name :	P7
Client Sample ID :	390404749.0DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:54:30	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	300	325	342	322	6.51	cps
Antimony	121-1	1150	1283	1400	1278	9.79	cps
Arsenic	75-1	-693	-962	-947	-867	-17.39	cps
Barium	135-1	284095	289135	289501	287577	1.05	cps
Barium	137-1	502193	510908	507848	506983	0.87	cps
Beryllium	9-1	423	317	383	374	14.39	cps
Bismuth	209-1	19149885	19378634	19117567	19215362	0.74	cps
Bismuth	209-2	11489324	11536264	11434390	11486659	0.44	cps
Boron	10-1	46840	46890	46715	46815	0.19	cps
Boron	11-1	211399	215454	214320	213724	0.98	cps
Cadmium	111-1	10257	10577	10390	10408	1.55	cps
Cadmium	106-1	14650	15084	14817	14850	1.47	cps
Cadmium	108-1	63	63	21	49	49.49	cps
Calcium	43-1	1292476	1301324	1311322	1301708	0.72	cps
Calcium	44-1	20798644	20700965	21017585	20839065	0.78	cps
Chromium	52-2	4177	4357	4327	4287	2.25	cps
Cobalt	59-2	1647	1763	1673	1695	3.61	cps
Copper	63-2	15885	15302	16223	15803	2.95	cps
Dysprosium	156-1	25	8	25	19	49.50	cps
Dysprosium	156-2	23	20	23	22	8.65	cps
Erbium	164-1	150	92	125	122	23.95	cps
Erbium	164-2	50	50	37	46	16.89	cps
Gadolinium	160-1	383	258	217	286	30.32	cps
Gadolinium	160-2	573	557	597	576	3.49	cps
Holmium	165-1	30425908	30803226	30250699	30493277	0.93	cps
Holmium	165-2	16345147	16569999	16293952	16403033	0.90	cps
Indium	115-1	22036659	22383464	21987409	22135844	0.98	cps
Indium	115-2	4900453	4924252	4949587	4924764	0.50	cps
Iron	56-2	41097	40919	39888	40634	1.61	cps
Iron	57-2	11077	12044	11722	11614	4.24	cps
Krypton	83-1	543	580	653	592	9.46	cps
Lead	206-1	1895	1772	1906	1858	3.98	cps
Lead	207-1	1617	1495	1611	1574	4.38	cps
Lead	208-1	7518	7001	7262	7260	3.56	cps
Lithium	6-1	7452225	7514314	7417588	7461376	0.66	cps
Magnesium	24-2	1892763	1933776	1936663	1921067	1.28	cps

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	K2486-01DUP	Instrumnet Name :	P7
Client Sample ID :	390404749.0DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:54:30	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	900	907	910	906	0.56	cps
Molybdenum	94-1	2125	2134	2092	2117	1.04	cps
Molybdenum	95-1	1834	1600	1442	1625	12.13	cps
Molybdenum	96-1	2075	1909	1575	1853	13.74	cps
Molybdenum	97-1	1008	975	825	936	10.43	cps
Molybdenum	98-1	2275	2367	2075	2239	6.66	cps
Neodymium	150-1	67	53	73	64	15.80	cps
Neodymium	150-2	7	10	13	10	33.30	cps
Nickel	60-2	280	357	403	347	17.96	cps
Phosphorus	31-2	1567	1850	1433	1617	13.16	cps
Potassium	39-2	2766347	2788119	2809986	2788151	0.78	cps
Rhodium	103-1	19770243	20258218	19773066	19933842	1.41	cps
Rhodium	103-2	10113858	10151711	10080842	10115470	0.35	cps
Scandium	45-1	14263884	14552745	14543927	14453519	1.14	cps
Scandium	45-2	689662	698830	696133	694875	0.68	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	98	104	93	98	5.66	cps
Selenium	82-1	154	151	91	132	26.88	cps
Silicon	28-1	53463649	53009729	53622907	53365429	0.60	cps
Silver	109-1	642	533	550	575	10.15	cps
Silver	107-1	592	550	542	561	4.77	cps
Sodium	23-2	36987352	37186319	37292871	37155514	0.42	cps
Strontium	86-1	6025348	6064382	6075877	6055202	0.44	cps
Strontium	88-1	53979597	54290337	54593187	54287707	0.57	cps
Sulfur	34-1	1681020	1674499	1695648	1683722	0.64	cps
Terbium	159-1	31293378	31299898	31070785	31221354	0.42	cps
Terbium	159-2	15960589	16066232	15966453	15997758	0.37	cps
Thallium	203-1	458	508	367	444	16.17	cps
Thallium	205-1	1075	967	1133	1058	7.99	cps
Thorium	232-1	9671	10093	8887	9550	6.41	cps
Tin	118-1	2409	2559	2592	2520	3.88	cps
Titanium	47-1	2067	1600	2100	1922	14.54	cps
Uranium	238-1	617	558	408	528	20.36	cps
Vanadium	51-2	40	80	50	57	36.74	cps
Yttrium	89-1	22533759	22865445	22590581	22663262	0.78	cps
Yttrium	89-2	3574627	3606181	3576132	3585647	0.50	cps

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	K2486-01DUP	Instrumnet Name :	P7
Client Sample ID :	390404749.0DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 15:54:30	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3117	3234	3080	3144	2.55	cps
Zirconium	90-1	3251	3484	3417	3384	3.55	cps
Zirconium	91-1	575	667	758	667	13.75	cps

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	K2486-01LX5	Instrumnet Name :	P7
Client Sample ID :	390404749.0L	Dilution Factor :	5
Date & Time Acquired ::	2019-04-19 15:58:06	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	633	658	625	639	2.72	cps
Antimony	121-1	617	683	567	622	9.41	cps
Arsenic	75-1	-778	-696	-809	-761	-7.68	cps
Barium	135-1	57612	58541	59939	58697	2.00	cps
Barium	137-1	102015	102696	103182	102631	0.57	cps
Beryllium	9-1	310	377	243	310	21.51	cps
Bismuth	209-1	19735466	19760002	19902970	19799479	0.46	cps
Bismuth	209-2	11691293	11630482	11877817	11733198	1.10	cps
Boron	10-1	15800	15408	15242	15483	1.85	cps
Boron	11-1	72331	74693	73604	73543	1.61	cps
Cadmium	111-1	10791	10693	11267	10917	2.81	cps
Cadmium	106-1	15442	15334	16126	15634	2.75	cps
Cadmium	108-1	63	58	54	58	7.14	cps
Calcium	43-1	258360	266597	266266	263741	1.77	cps
Calcium	44-1	4218542	4289418	4291713	4266558	0.97	cps
Chromium	52-2	2670	2377	2350	2466	7.20	cps
Cobalt	59-2	527	540	567	544	3.74	cps
Copper	63-2	6118	5818	6151	6029	3.05	cps
Dysprosium	156-1	17	17	25	19	24.73	cps
Dysprosium	156-2	0	17	17	11	86.60	cps
Erbium	164-1	100	83	83	89	10.82	cps
Erbium	164-2	53	50	50	51	3.76	cps
Gadolinium	160-1	125	225	175	175	28.57	cps
Gadolinium	160-2	597	600	590	596	0.86	cps
Holmium	165-1	30623185	31000330	31236902	30953472	1.00	cps
Holmium	165-2	16420609	16137468	16505251	16354443	1.18	cps
Indium	115-1	22664253	22806183	22950993	22807143	0.63	cps
Indium	115-2	5006373	4873691	5058675	4979580	1.91	cps
Iron	56-2	18312	18128	18228	18223	0.50	cps
Iron	57-2	2550	2611	2700	2621	2.88	cps
Krypton	83-1	630	693	617	647	6.33	cps
Lead	206-1	1411	1578	1550	1513	5.90	cps
Lead	207-1	1111	1111	1295	1172	9.03	cps
Lead	208-1	5251	5717	5817	5595	5.41	cps
Lithium	6-1	7522827	7575275	7646553	7581552	0.82	cps
Magnesium	24-2	381433	387228	381379	383347	0.88	cps

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	K2486-01LX5	Instrumnet Name :	P7
Client Sample ID :	390404749.0L	Dilution Factor :	5
Date & Time Acquired ::	2019-04-19 15:58:06	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	310	263	253	276	10.98	cps
Molybdenum	94-1	1092	1200	1208	1167	5.58	cps
Molybdenum	95-1	833	950	817	867	8.38	cps
Molybdenum	96-1	975	925	1033	978	5.55	cps
Molybdenum	97-1	433	483	550	489	11.97	cps
Molybdenum	98-1	1367	1358	1475	1400	4.65	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	230	217	223	223	2.99	cps
Phosphorus	31-2	767	850	658	758	12.67	cps
Potassium	39-2	578901	575394	572631	575642	0.55	cps
Rhodium	103-1	20303057	20636137	20606154	20515116	0.90	cps
Rhodium	103-2	10375742	10139042	10482548	10332444	1.70	cps
Scandium	45-1	14615855	14759713	14819660	14731743	0.71	cps
Scandium	45-2	696694	687331	701989	695338	1.07	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	80	93	78	83	9.68	cps
Selenium	82-1	106	-44	52	38	199.21	cps
Silicon	28-1	10902239	11120397	11075827	11032821	1.04	cps
Silver	109-1	317	308	375	333	10.90	cps
Silver	107-1	492	517	608	539	11.40	cps
Sodium	23-2	7427665	7465459	7416028	7436384	0.35	cps
Strontium	86-1	1228284	1256113	1241929	1242109	1.12	cps
Strontium	88-1	10907289	11068721	11024911	11000307	0.76	cps
Sulfur	34-1	880609	900816	892288	891238	1.14	cps
Terbium	159-1	31412691	31906750	31792305	31703915	0.82	cps
Terbium	159-2	16158319	15931275	16109925	16066506	0.74	cps
Thallium	203-1	317	300	267	294	8.65	cps
Thallium	205-1	733	817	675	742	9.60	cps
Thorium	232-1	4368	3934	3923	4075	6.22	cps
Tin	118-1	2309	2234	1917	2153	9.66	cps
Titanium	47-1	683	658	683	675	2.14	cps
Uranium	238-1	200	183	150	178	14.32	cps
Vanadium	51-2	27	27	17	23	24.74	cps
Yttrium	89-1	23045590	23011638	23254439	23103889	0.57	cps
Yttrium	89-2	3601694	3550907	3625353	3592651	1.06	cps

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	K2486-01LX5	Instrumnet Name :	P7
Client Sample ID :	390404749.0L	Dilution Factor :	5
Date & Time Acquired ::	2019-04-19 15:58:06	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	973	1217	1067	1086	11.31	cps
Zirconium	90-1	2075	2092	2109	2092	0.80	cps
Zirconium	91-1	358	475	433	422	14.00	cps

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	K2486-01MS	Instrumnet Name :	P7
Client Sample ID :	390404749.0MS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 16:01:42	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	463993	469465	459648	464369	1.06	cps
Antimony	121-1	14407640	14522488	14601269	14510466	0.67	cps
Arsenic	75-1	3448419	3480859	3553774	3494351	1.54	cps
Barium	135-1	1294181	1315243	1321989	1310471	1.11	cps
Barium	137-1	2274364	2309918	2337364	2307215	1.37	cps
Beryllium	9-1	1077126	1075384	1090457	1080989	0.76	cps
Bismuth	209-1	19478283	19722483	18884396	19361721	2.23	cps
Bismuth	209-2	11108801	11093022	11403099	11201641	1.56	cps
Boron	10-1	353171	352534	365815	357173	2.10	cps
Boron	11-1	1650190	1670723	1725522	1682145	2.32	cps
Cadmium	111-1	1186638	1196064	1213052	1198585	1.12	cps
Cadmium	106-1	120208	120922	120081	120403	0.38	cps
Cadmium	108-1	78248	80666	80523	79812	1.70	cps
Calcium	43-1	1330132	1327177	1354583	1337297	1.12	cps
Calcium	44-1	21241918	21382939	21390928	21338595	0.39	cps
Chromium	52-2	2564023	2584561	2545426	2564670	0.76	cps
Cobalt	59-2	2066080	2099936	2076929	2080982	0.83	cps
Copper	63-2	2216566	2233309	2229307	2226394	0.39	cps
Dysprosium	156-1	1454312	1452956	1457512	1454927	0.16	cps
Dysprosium	156-2	471595	478214	473628	474479	0.71	cps
Erbium	164-1	200	250	158	203	22.63	cps
Erbium	164-2	140	123	103	122	15.02	cps
Gadolinium	160-1	633	625	667	642	3.44	cps
Gadolinium	160-2	763	803	780	782	2.57	cps
Holmium	165-1	31092195	31745356	29853476	30897009	3.11	cps
Holmium	165-2	15964849	16009951	16380421	16118407	1.41	cps
Indium	115-1	22024590	22571760	21107582	21901311	3.38	cps
Indium	115-2	4676976	4688646	4863772	4743131	2.21	cps
Iron	56-2	17421673	17540741	17362250	17441555	0.52	cps
Iron	57-2	433904	439845	434943	436230	0.73	cps
Krypton	83-1	653	750	683	696	7.11	cps
Lead	206-1	17703442	17665475	17856496	17741804	0.57	cps
Lead	207-1	15299196	15334789	15453692	15362559	0.53	cps
Lead	208-1	70364033	70151788	71034363	70516728	0.65	cps
Lithium	6-1	7542582	7630095	7280565	7484414	2.43	cps
Magnesium	24-2	2951055	2974442	2949014	2958171	0.48	cps

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	K2486-01MS	Instrumnet Name :	P7
Client Sample ID :	390404749.0MS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 16:01:42	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	814955	825357	821209	820507	0.64	cps
Molybdenum	94-1	2158318	2173560	2206876	2179585	1.14	cps
Molybdenum	95-1	3802456	3868710	3855121	3842096	0.91	cps
Molybdenum	96-1	4044392	4095618	4121455	4087155	0.96	cps
Molybdenum	97-1	2336653	2372921	2393473	2367682	1.22	cps
Molybdenum	98-1	6076326	6104002	6120931	6100420	0.37	cps
Neodymium	150-1	200	260	133	198	32.04	cps
Neodymium	150-2	30	23	23	26	15.07	cps
Nickel	60-2	1348398	1361909	1354162	1354823	0.50	cps
Phosphorus	31-2	84598	84581	84422	84533	0.11	cps
Potassium	39-2	7801954	7820099	7712136	7778063	0.74	cps
Rhodium	103-1	19882332	20330621	19058933	19757296	3.26	cps
Rhodium	103-2	9675523	9696625	9919542	9763897	1.38	cps
Scandium	45-1	14492763	14818466	13895403	14402211	3.25	cps
Scandium	45-2	670927	669313	686144	675461	1.37	cps
Selenium	77-2	44358	46501	45414	45424	2.36	cps
Selenium	78-2	152093	153085	151483	152220	0.53	cps
Selenium	82-1	882212	898143	904316	894890	1.27	cps
Silicon	28-1	64419522	64235670	65091881	64582358	0.70	cps
Silver	109-1	1937881	2003494	1992363	1977913	1.78	cps
Silver	107-1	2034382	2051192	2077772	2054449	1.06	cps
Sodium	23-2	38583050	38522921	38386231	38497401	0.26	cps
Strontium	86-1	7238107	7150732	7227379	7205406	0.66	cps
Strontium	88-1	64080635	63881491	64925879	64296001	0.86	cps
Sulfur	34-1	1636960	1636845	1649173	1640993	0.43	cps
Terbium	159-1	31412315	32339234	30324978	31358842	3.22	cps
Terbium	159-2	15614857	15572588	16030525	15739323	1.61	cps
Thallium	203-1	43310598	43786832	44045497	43714309	0.85	cps
Thallium	205-1	106275365	105781654	106963161	106340060	0.56	cps
Thorium	232-1	14381	13380	12417	13392	7.33	cps
Tin	118-1	11583444	11685526	11734649	11667873	0.66	cps
Titanium	47-1	573948	568879	575377	572735	0.60	cps
Uranium	238-1	358	342	350	350	2.38	cps
Vanadium	51-2	1521524	1532542	1511718	1521928	0.68	cps
Yttrium	89-1	22797050	22997529	21734771	22509783	3.01	cps
Yttrium	89-2	3454163	3484226	3558560	3498983	1.54	cps

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	K2486-01MS	Instrumnet Name :	P7
Client Sample ID :	390404749.0MS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 16:01:42	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	243689	246349	246790	245609	0.68	cps
Zirconium	90-1	15367	14341	14266	14658	4.20	cps
Zirconium	91-1	6135	6485	6210	6277	2.94	cps

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	K2486-01MSD	Instrumnet Name :	P7
Client Sample ID :	390404749.0MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 16:05:20	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	467264	469512	463507	466761	0.65	cps
Antimony	121-1	14790836	14602987	14787914	14727246	0.73	cps
Arsenic	75-1	3494318	3504773	3536496	3511863	0.63	cps
Barium	135-1	1321264	1304972	1338933	1321723	1.29	cps
Barium	137-1	2318448	2305721	2347687	2323952	0.93	cps
Beryllium	9-1	1086296	1091654	1103082	1093677	0.78	cps
Bismuth	209-1	18551964	20025623	18811303	19129630	4.11	cps
Bismuth	209-2	11088151	11207180	11243915	11179749	0.73	cps
Boron	10-1	364373	374325	385636	374778	2.84	cps
Boron	11-1	1715057	1747317	1791096	1751157	2.18	cps
Cadmium	111-1	1192739	1205977	1212880	1203865	0.85	cps
Cadmium	106-1	119080	121132	122106	120773	1.28	cps
Cadmium	108-1	80737	79443	80862	80347	0.98	cps
Calcium	43-1	1358092	1353061	1371558	1360904	0.70	cps
Calcium	44-1	21553895	21515364	21798579	21622613	0.71	cps
Chromium	52-2	2578034	2586917	2576237	2580396	0.22	cps
Cobalt	59-2	2101418	2096248	2068806	2088824	0.84	cps
Copper	63-2	2229172	2221631	2197666	2216156	0.74	cps
Dysprosium	156-1	1441671	1466490	1483068	1463743	1.42	cps
Dysprosium	156-2	468485	475920	471645	472017	0.79	cps
Erbium	164-1	200	133	158	164	20.55	cps
Erbium	164-2	100	133	90	108	21.06	cps
Gadolinium	160-1	733	667	750	717	6.15	cps
Gadolinium	160-2	843	753	840	812	6.28	cps
Holmium	165-1	29888612	31633849	30012686	30511716	3.19	cps
Holmium	165-2	16089551	16029675	16104968	16074731	0.25	cps
Indium	115-1	21050015	22892167	21347070	21763084	4.54	cps
Indium	115-2	4728696	4781006	4747175	4752292	0.56	cps
Iron	56-2	17610103	17626716	17271802	17502874	1.14	cps
Iron	57-2	438224	438430	433488	436714	0.64	cps
Krypton	83-1	637	833	777	749	13.52	cps
Lead	206-1	17620952	17780776	17898814	17766847	0.78	cps
Lead	207-1	15366755	15363499	15520144	15416799	0.58	cps
Lead	208-1	70258139	70364561	71112646	70578449	0.66	cps
Lithium	6-1	7273391	7693900	7334022	7433771	3.06	cps
Magnesium	24-2	2987230	2971709	2950547	2969829	0.62	cps

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	K2486-01MSD	Instrumnet Name :	P7
Client Sample ID :	390404749.0MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 16:05:20	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	827925	818330	815853	820703	0.78	cps
Molybdenum	94-1	2179435	2189516	2222488	2197146	1.02	cps
Molybdenum	95-1	3838819	3860373	3914053	3871082	1.00	cps
Molybdenum	96-1	4106194	4129687	4178611	4138164	0.89	cps
Molybdenum	97-1	2396900	2411567	2406783	2405083	0.31	cps
Molybdenum	98-1	6237694	6127116	6219081	6194630	0.96	cps
Neodymium	150-1	233	227	273	244	10.33	cps
Neodymium	150-2	73	53	57	61	17.54	cps
Nickel	60-2	1370190	1363050	1353403	1362214	0.62	cps
Phosphorus	31-2	85160	84188	85293	84880	0.71	cps
Potassium	39-2	7863274	7855437	7805623	7841445	0.40	cps
Rhodium	103-1	18919572	20300321	19249750	19489881	3.70	cps
Rhodium	103-2	9762052	9732397	9765178	9753209	0.19	cps
Scandium	45-1	13888398	14997358	14044565	14310107	4.19	cps
Scandium	45-2	668709	669136	670983	669609	0.18	cps
Selenium	77-2	45709	45869	45140	45573	0.84	cps
Selenium	78-2	152110	153534	152304	152649	0.51	cps
Selenium	82-1	891360	896488	904044	897298	0.71	cps
Silicon	28-1	64867595	64369529	65343741	64860288	0.75	cps
Silver	109-1	1972179	1979995	1996124	1982766	0.62	cps
Silver	107-1	2043631	2049218	2086562	2059804	1.13	cps
Sodium	23-2	38826658	38708503	38451532	38662231	0.50	cps
Strontium	86-1	7150425	7213307	7264661	7209464	0.79	cps
Strontium	88-1	63963256	64383024	65671695	64672658	1.38	cps
Sulfur	34-1	1648224	1648339	1660233	1652265	0.42	cps
Terbium	159-1	30252898	32454252	30470601	31059250	3.91	cps
Terbium	159-2	15769971	15839588	15721449	15777003	0.38	cps
Thallium	203-1	43783778	43573246	44258846	43871957	0.80	cps
Thallium	205-1	106395048	106613600	108275717	107094789	0.96	cps
Thorium	232-1	9854	9493	9370	9572	2.63	cps
Tin	118-1	11810879	11665702	11891920	11789500	0.97	cps
Titanium	47-1	573771	573375	583902	577016	1.03	cps
Uranium	238-1	383	292	408	361	17.01	cps
Vanadium	51-2	1525716	1524149	1514570	1521478	0.40	cps
Yttrium	89-1	21601549	23337096	21860924	22266523	4.20	cps
Yttrium	89-2	3476472	3488962	3483731	3483055	0.18	cps

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	K2486-01MSD	Instrumnet Name :	P7
Client Sample ID :	390404749.0MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 16:05:20	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	244899	243869	244255	244341	0.21	cps
Zirconium	90-1	12147	12681	11889	12239	3.30	cps
Zirconium	91-1	5843	5618	5851	5771	2.30	cps

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	K2486-01A	Instrumnet Name :	P7
Client Sample ID :	390404749.0A	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 16:08:56	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	461722	462567	458317	460869	0.49	cps
Antimony	121-1	14538875	14466798	14603948	14536540	0.47	cps
Arsenic	75-1	3421336	3494539	3487533	3467802	1.16	cps
Barium	135-1	1283651	1290634	1327101	1300462	1.79	cps
Barium	137-1	2270550	2293872	2351355	2305259	1.80	cps
Beryllium	9-1	1082015	1091413	1098818	1090749	0.77	cps
Bismuth	209-1	18711600	19157207	19092564	18987124	1.27	cps
Bismuth	209-2	11051878	11046234	11043965	11047359	0.04	cps
Boron	10-1	364819	376360	376957	372712	1.84	cps
Boron	11-1	1712399	1768306	1795442	1758716	2.41	cps
Cadmium	111-1	1181283	1196343	1215129	1197585	1.42	cps
Cadmium	106-1	120661	120593	123501	121585	1.36	cps
Cadmium	108-1	78123	79690	79569	79127	1.10	cps
Calcium	43-1	1331008	1341818	1351017	1341281	0.75	cps
Calcium	44-1	21213837	21068224	21379040	21220367	0.73	cps
Chromium	52-2	2549039	2565108	2568745	2560964	0.41	cps
Cobalt	59-2	2055766	2067025	2090996	2071262	0.87	cps
Copper	63-2	2209111	2204487	2214580	2209393	0.23	cps
Dysprosium	156-1	1439308	1452886	1470511	1454235	1.08	cps
Dysprosium	156-2	470543	471514	475324	472460	0.53	cps
Erbium	164-1	217	242	183	214	13.68	cps
Erbium	164-2	73	97	110	93	19.88	cps
Gadolinium	160-1	658	558	667	628	9.60	cps
Gadolinium	160-2	833	790	810	811	2.67	cps
Holmium	165-1	29942205	30503217	30349707	30265043	0.96	cps
Holmium	165-2	15898324	15983227	16058010	15979853	0.50	cps
Indium	115-1	21445812	21744184	21715463	21635153	0.76	cps
Indium	115-2	4683514	4724535	4715523	4707857	0.46	cps
Iron	56-2	17459911	17515897	17575529	17517112	0.33	cps
Iron	57-2	433083	433516	436170	434256	0.38	cps
Krypton	83-1	607	713	723	681	9.49	cps
Lead	206-1	17598388	17783617	17773250	17718418	0.59	cps
Lead	207-1	15278408	15398208	15371991	15349536	0.41	cps
Lead	208-1	69679252	70500376	70673924	70284518	0.76	cps
Lithium	6-1	7365721	7454931	7444357	7421670	0.66	cps
Magnesium	24-2	2940342	2936758	2944982	2940694	0.14	cps

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	K2486-01A	Instrumnet Name :	P7
Client Sample ID :	390404749.0A	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	806156	818740	818165	814354	0.87	cps
Molybdenum	94-1	2152012	2176692	2190319	2173008	0.89	cps
Molybdenum	95-1	3794092	3851878	3854043	3833338	0.89	cps
Molybdenum	96-1	4074085	4108791	4145472	4109449	0.87	cps
Molybdenum	97-1	2360641	2399953	2406344	2388979	1.04	cps
Molybdenum	98-1	6114800	6204506	6132750	6150685	0.77	cps
Neodymium	150-1	293	327	227	282	18.04	cps
Neodymium	150-2	70	53	40	54	27.61	cps
Nickel	60-2	1341515	1350003	1353834	1348450	0.47	cps
Phosphorus	31-2	84489	86233	83953	84892	1.40	cps
Potassium	39-2	7742467	7748882	7785394	7758914	0.30	cps
Rhodium	103-1	19219892	19687805	19303369	19403689	1.29	cps
Rhodium	103-2	9669216	9673980	9704078	9682425	0.20	cps
Scandium	45-1	14030014	14215689	13986576	14077427	0.86	cps
Scandium	45-2	658136	663129	666244	662503	0.62	cps
Selenium	77-2	44421	44736	44733	44630	0.40	cps
Selenium	78-2	151337	151240	153001	151859	0.65	cps
Selenium	82-1	884806	889465	896550	890274	0.66	cps
Silicon	28-1	64338695	64241981	64570399	64383692	0.26	cps
Silver	109-1	1952042	1971241	1981014	1968099	0.75	cps
Silver	107-1	2030168	2050123	2062015	2047435	0.79	cps
Sodium	23-2	38322449	38312457	38763470	38466125	0.67	cps
Strontium	86-1	7164267	7156086	7261057	7193803	0.81	cps
Strontium	88-1	64311016	64181368	64483831	64325405	0.24	cps
Sulfur	34-1	1636298	1644388	1657711	1646132	0.66	cps
Terbium	159-1	30835075	31274129	30571481	30893561	1.15	cps
Terbium	159-2	15588918	15590581	15756802	15645434	0.62	cps
Thallium	203-1	43236479	42922730	43599628	43252946	0.78	cps
Thallium	205-1	105992936	105557915	105869971	105806941	0.21	cps
Thorium	232-1	6663	6802	6385	6617	3.21	cps
Tin	118-1	11663756	11716711	11720991	11700486	0.27	cps
Titanium	47-1	563584	569564	573347	568832	0.87	cps
Uranium	238-1	358	383	308	350	10.91	cps
Vanadium	51-2	1503277	1509463	1514887	1509209	0.38	cps
Yttrium	89-1	22086969	22396143	21970786	22151299	0.99	cps
Yttrium	89-2	3418518	3436680	3491903	3449033	1.11	cps

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	K2486-01A	Instrumnet Name :	P7
Client Sample ID :	390404749.0A	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 16:08:56	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	243242	243696	242835	243258	0.18	cps
Zirconium	90-1	11480	11071	10905	11152	2.66	cps
Zirconium	91-1	5826	5935	5059	5607	8.51	cps

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	CCV86	Instrumnet Name :	P7
Client Sample ID :	CCV86	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 16:13:35	DataFile Name :	027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12794595	12921183	12883527	12866435	0.51	cps
Antimony	121-1	8386516	8371747	8413064	8390442	0.25	cps
Arsenic	75-1	2044110	2047852	2060498	2050820	0.42	cps
Barium	135-1	11286685	11261897	11318990	11289190	0.25	cps
Barium	137-1	19959071	19701470	19847119	19835887	0.65	cps
Beryllium	9-1	2440555	2461718	2440221	2447498	0.50	cps
Bismuth	209-1	17041989	17088055	17052557	17060867	0.14	cps
Bismuth	209-2	9742858	9819165	9747564	9769862	0.44	cps
Boron	10-1	469873	483342	489655	480956	2.10	cps
Boron	11-1	2235653	2279930	2345384	2286989	2.41	cps
Cadmium	111-1	2625746	2656490	2682458	2654898	1.07	cps
Cadmium	106-1	316677	320151	318510	318446	0.55	cps
Cadmium	108-1	210648	210425	211592	210888	0.29	cps
Calcium	43-1	15197197	15144831	15010389	15117472	0.64	cps
Calcium	44-1	245820730	243945372	244796297	244854133	0.38	cps
Chromium	52-2	2961875	2964932	2972052	2966286	0.18	cps
Cobalt	59-2	4614228	4640216	4643426	4632623	0.35	cps
Copper	63-2	6817377	6837391	6821626	6825465	0.15	cps
Dysprosium	156-1	875	858	825	853	2.99	cps
Dysprosium	156-2	407	397	373	392	4.36	cps
Erbium	164-1	142	192	108	147	28.49	cps
Erbium	164-2	77	87	97	87	11.54	cps
Gadolinium	160-1	308	250	425	328	27.19	cps
Gadolinium	160-2	717	610	633	653	8.58	cps
Holmium	165-1	30004805	29615356	30195589	29938583	0.99	cps
Holmium	165-2	15560678	15649551	15505270	15571833	0.47	cps
Indium	115-1	20433414	20511533	20490434	20478460	0.20	cps
Indium	115-2	4421308	4431327	4498188	4450274	0.94	cps
Iron	56-2	682241637	684555393	682656037	683151023	0.18	cps
Iron	57-2	16622155	16667151	16677723	16655677	0.18	cps
Krypton	83-1	717	647	683	682	5.13	cps
Lead	206-1	7639328	7763145	7667320	7689931	0.84	cps
Lead	207-1	6876190	6883802	6799817	6853270	0.68	cps
Lead	208-1	30975901	31126457	30783452	30961937	0.56	cps
Lithium	6-1	7065779	7039844	7047357	7050993	0.19	cps
Magnesium	24-2	130516386	131426565	131608174	131183708	0.45	cps

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	CCV86	Instrumnet Name :	P7
Client Sample ID :	CCV86	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 16:13:35	DataFile Name :	027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3815961	3849836	3832237	3832678	0.44	cps
Molybdenum	94-1	18402163	18624802	18513696	18513554	0.60	cps
Molybdenum	95-1	22573002	22383955	22566876	22507944	0.48	cps
Molybdenum	96-1	25288064	24916991	25017503	25074186	0.77	cps
Molybdenum	97-1	14105512	13967314	13959333	14010720	0.59	cps
Molybdenum	98-1	36669572	36411438	36577646	36552885	0.36	cps
Neodymium	150-1	1447	1620	1580	1549	5.86	cps
Neodymium	150-2	193	203	247	214	13.22	cps
Nickel	60-2	1159110	1166324	1166477	1163971	0.36	cps
Phosphorus	31-2	132518	134417	133428	133454	0.71	cps
Potassium	39-2	63031387	63157047	63089633	63092689	0.10	cps
Rhodium	103-1	17577130	17466280	17632571	17558660	0.48	cps
Rhodium	103-2	8666169	8727738	8778803	8724236	0.65	cps
Scandium	45-1	13923065	13846619	13875844	13881843	0.28	cps
Scandium	45-2	668419	673610	674944	672324	0.51	cps
Selenium	77-2	10557	10617	10854	10676	1.47	cps
Selenium	78-2	35503	34853	35176	35177	0.92	cps
Selenium	82-1	199208	200456	203180	200948	1.01	cps
Silicon	28-1	6758379	6840632	6879454	6826155	0.91	cps
Silver	109-1	11297684	11279886	11343745	11307105	0.29	cps
Silver	107-1	11772727	11780160	11850665	11801184	0.36	cps
Sodium	23-2	240948814	242572655	243374847	242298772	0.51	cps
Strontium	86-1	3045276	3020626	3033419	3033107	0.41	cps
Strontium	88-1	26841206	26421979	26751863	26671683	0.83	cps
Sulfur	34-1	1858322	1869146	1850765	1859411	0.50	cps
Terbium	159-1	30366432	30451200	30773048	30530227	0.70	cps
Terbium	159-2	15109071	15198712	15135711	15147831	0.30	cps
Thallium	203-1	9642824	9649278	9724527	9672210	0.47	cps
Thallium	205-1	23584295	23772405	23493977	23616892	0.60	cps
Thorium	232-1	35458662	35662868	35465999	35529176	0.33	cps
Tin	118-1	7661599	7600757	7634881	7632413	0.40	cps
Titanium	47-1	6631422	6589380	6623276	6614693	0.34	cps
Uranium	238-1	34308170	34414027	34190401	34304199	0.33	cps
Vanadium	51-2	2390117	2399878	2389603	2393200	0.24	cps
Yttrium	89-1	21746396	21590081	21768439	21701639	0.45	cps
Yttrium	89-2	3364094	3398570	3425440	3396035	0.91	cps

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	CCV86	Instrumnet Name :	P7
Client Sample ID :	CCV86	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 16:13:35	DataFile Name :	027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1192458	1200453	1203509	1198807	0.48	cps
Zirconium	90-1	15551490	15732026	15612374	15631964	0.59	cps
Zirconium	91-1	3474119	3543918	3528563	3515534	1.04	cps

LB Number : LB102242 Operator : Jaswal
 Lab Sample ID : CCB86 Instrumnet Name : P7
 Client Sample ID : CCB86 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-19 16:19:08 DataFile Name : 028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	250	208	358	272	28.44	cps
Antimony	121-1	2675	2850	3050	2859	6.56	cps
Arsenic	75-1	-632	-663	-328	-541	-34.25	cps
Barium	135-1	425	425	342	397	12.11	cps
Barium	137-1	742	633	492	622	20.15	cps
Beryllium	9-1	467	453	443	454	2.58	cps
Bismuth	209-1	20542296	20478240	20469965	20496834	0.19	cps
Bismuth	209-2	11944207	12019292	12007659	11990386	0.34	cps
Boron	10-1	19805	19213	18412	19143	3.65	cps
Boron	11-1	93625	91526	87479	90877	3.44	cps
Cadmium	111-1	11762	10886	11697	11448	4.26	cps
Cadmium	106-1	16711	15409	16627	16249	4.48	cps
Cadmium	108-1	33	42	54	43	24.36	cps
Calcium	43-1	700	908	733	781	14.34	cps
Calcium	44-1	25031	24004	23429	24155	3.36	cps
Chromium	52-2	1543	1600	1527	1557	2.47	cps
Cobalt	59-2	400	273	367	347	18.94	cps
Copper	63-2	3407	3134	3114	3218	5.09	cps
Dysprosium	156-1	208	175	125	169	24.75	cps
Dysprosium	156-2	30	37	27	31	16.37	cps
Erbium	164-1	58	67	67	64	7.53	cps
Erbium	164-2	47	77	47	57	30.56	cps
Gadolinium	160-1	275	250	258	261	4.88	cps
Gadolinium	160-2	660	533	673	622	12.42	cps
Holmium	165-1	31836134	31806185	31793483	31811934	0.07	cps
Holmium	165-2	16769401	16570921	16664856	16668392	0.60	cps
Indium	115-1	23820618	23719120	23830372	23790037	0.26	cps
Indium	115-2	5111307	5143827	5156355	5137163	0.45	cps
Iron	56-2	23469	21488	20209	21722	7.56	cps
Iron	57-2	528	633	556	572	9.56	cps
Krypton	83-1	687	663	623	658	4.87	cps
Lead	206-1	2000	1895	1756	1884	6.51	cps
Lead	207-1	1767	1767	1583	1706	6.21	cps
Lead	208-1	7784	7562	7212	7520	3.84	cps
Lithium	6-1	8146776	8165713	8093747	8135412	0.46	cps
Magnesium	24-2	2725	2525	2217	2489	10.29	cps

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	CCB86	Instrumnet Name :	P7
Client Sample ID :	CCB86	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 16:19:08	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	107	150	123	127	17.25	cps
Molybdenum	94-1	2734	2184	2342	2420	11.70	cps
Molybdenum	95-1	3167	2825	2259	2750	16.68	cps
Molybdenum	96-1	3334	3301	2775	3137	9.99	cps
Molybdenum	97-1	2000	1658	1492	1717	15.10	cps
Molybdenum	98-1	4868	4217	3984	4356	10.51	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	177	240	207	208	15.25	cps
Phosphorus	31-2	275	383	367	342	17.07	cps
Potassium	39-2	35886	36772	35836	36165	1.46	cps
Rhodium	103-1	21749545	21454331	21671727	21625201	0.71	cps
Rhodium	103-2	10797842	10803104	10685097	10762015	0.62	cps
Scandium	45-1	15571879	15485957	15461858	15506565	0.37	cps
Scandium	45-2	728199	724348	719739	724096	0.59	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	102	93	111	102	9.09	cps
Selenium	82-1	24	101	105	77	59.10	cps
Silicon	28-1	368646	366501	362591	365913	0.84	cps
Silver	109-1	917	833	742	831	10.54	cps
Silver	107-1	1133	1050	883	1022	12.45	cps
Sodium	23-2	32469	32068	30799	31779	2.74	cps
Strontium	86-1	1133	1283	1242	1220	6.35	cps
Strontium	88-1	1100	1283	1000	1128	12.74	cps
Sulfur	34-1	752001	755040	763182	756741	0.76	cps
Terbium	159-1	32482095	32583590	32344902	32470196	0.37	cps
Terbium	159-2	16414537	16223493	16283206	16307079	0.60	cps
Thallium	203-1	917	917	875	903	2.66	cps
Thallium	205-1	2300	2200	1892	2131	9.99	cps
Thorium	232-1	4568	4340	4240	4382	3.84	cps
Tin	118-1	3301	2842	2967	3037	7.80	cps
Titanium	47-1	475	467	408	450	8.07	cps
Uranium	238-1	1200	1092	933	1075	12.48	cps
Vanadium	51-2	53	30	53	46	29.57	cps
Yttrium	89-1	24197314	24286840	24068909	24184354	0.45	cps
Yttrium	89-2	3724379	3704336	3721690	3716802	0.29	cps

LB Number :	LB102242	Operator :	Jaswal
Lab Sample ID :	CCB86	Instrumnet Name :	P7
Client Sample ID :	CCB86	Dilution Factor :	1
Date & Time Acquired ::	2019-04-19 16:19:08	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	380	350	410	380	7.89	cps
Zirconium	90-1	2842	2525	2742	2703	5.99	cps
Zirconium	91-1	683	500	517	567	17.89	cps