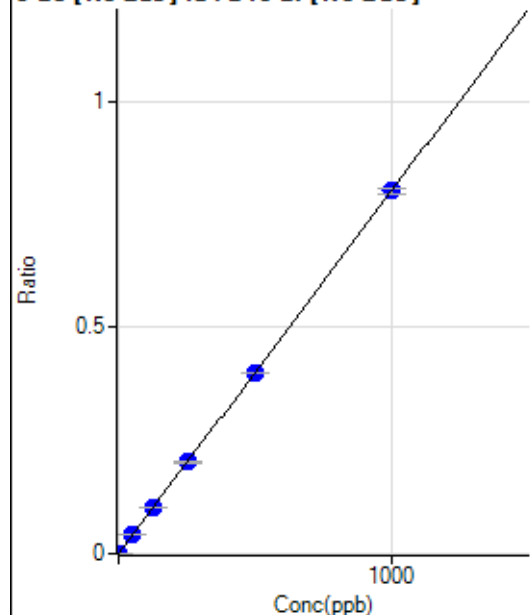


Batch Folder: D:\ICP-MS Data\P7071719 MS.b\
Analysis File: P7071719 MS.batch.bin
DA Date-Time: 2019-07-17 13:08:12
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2019-07-17 11:41:39
2			
3	006CALS.d	S02	2019-07-17 11:49:27
4	007CALS.d	S03	2019-07-17 11:53:32
5	008CALS.d	S04	2019-07-17 11:57:38
6	009CALS.d	S05	2019-07-17 12:01:42
7	010CALS.d	S06	2019-07-17 12:05:43
8	011CALS.d	S07	2019-07-17 12:09:43
9	012CALS.d	S08	2019-07-17 12:13:39

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	24.45	0.0000	P	44.2
2	☐	0.100					
3	☐	1.000	1.004	1252.29	0.0008	P	2.2
4	☐	50.000	51.055	62207.81	0.0410	P	1.0
5	☐	125.000	127.508	153145.38	0.1023	P	0.1
6	☐	250.000	251.783	291029.66	0.2020	P	1.1
7	☐	500.000	498.211	566905.44	0.3997	P	0.6
8	☐	1000.000	1000.082	1128285.04	0.8022	P	1.7
9	☐			152.22	0.0001	P	4.0

$$y = 8.0216\text{E-}004 * x + 1.5525\text{E-}005$$

$$R = 1.0000$$

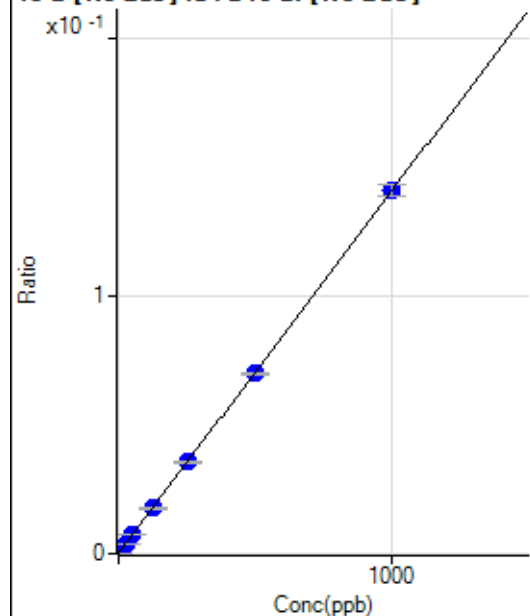
$$DL = 0.02569$$

$$BEC = 0.01935$$

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	313.90	0.0002	P	12.8
2	☐	2.500					
3	☐	25.000	23.678	5370.60	0.0035	P	5.1
4	☐	50.000	50.388	11029.45	0.0073	P	5.1
5	☐	125.000	125.621	26665.97	0.0178	P	3.9
6	☐	250.000	252.076	51217.91	0.0355	P	1.7
7	☐	500.000	496.030	98942.06	0.0698	P	1.6
8	☐	1000.000	1001.402	197749.39	0.1406	P	3.2
9	☐			8966.87	0.0068	P	8.3

$$y = 1.4022\text{E-}004 * x + 1.9932\text{E-}004$$

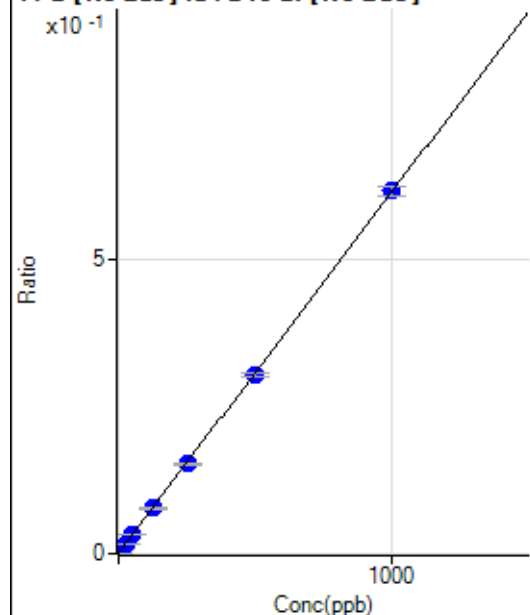
$$R = 1.0000$$

$$DL = 0.544$$

$$BEC = 1.421$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1277.88	0.0008	P	7.9
2	☐	2.500					
3	☐	25.000	23.230	22907.01	0.0150	P	2.6
4	☐	50.000	50.040	47676.16	0.0314	P	1.1
5	☐	125.000	124.609	115244.90	0.0770	P	2.2
6	☐	250.000	247.387	219062.39	0.1520	P	1.4
7	☐	500.000	493.145	428743.36	0.3023	P	1.6
8	☐	1000.000	1004.172	864420.68	0.6147	P	2.7
9	☐			39207.40	0.0296	P	6.5

$$y = 6.1130E-004 * x + 8.1114E-004$$

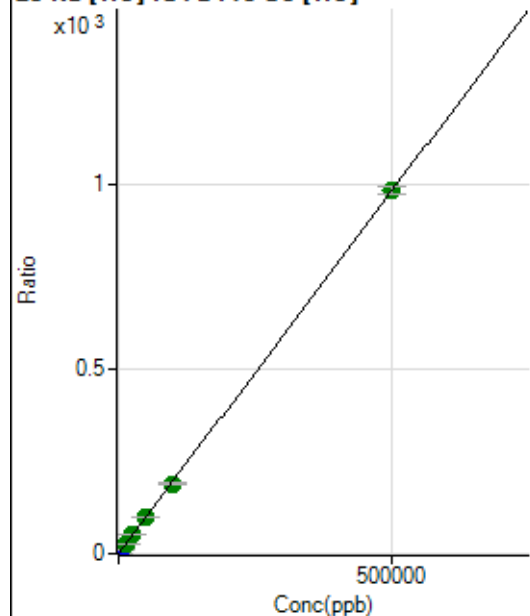
$$R = 1.0000$$

$$DL = 0.313$$

$$BEC = 1.327$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4962.13	0.0450	P	6.1
2	☐	50.000					
3	☐	500.000	526.745	116173.96	1.0765	P	1.5
4	☐	5000.000	5262.381	1137894.97	10.3499	P	1.0
5	☐	12500.000	12702.966	2732379.47	24.9201	A	0.5
6	☐	25000.000	25300.054	5316592.35	49.5878	A	0.6
7	☐	50000.000	49588.848	10731045.21	97.1504	A	0.7
8	☐	100000.00	96554.095	22277990.60	189.1183	A	0.9
9	☐	500000.00	500707.56	109610435.7	980.5358	A	2.2

$$y = 0.0020 * x + 0.0450$$

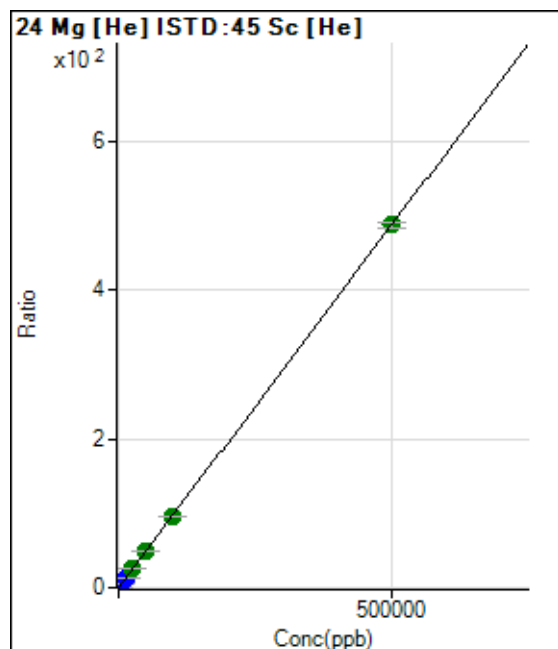
$$R = 1.0000$$

$$DL = 4.23$$

$$BEC = 22.99$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0002	P	108.6
2	☐	50.000					
3	☐	500.000	551.428	58093.82	0.5383	P	1.2
4	☐	5000.000	5356.968	574725.50	5.2276	P	1.8
5	☐	12500.000	12972.272	1388016.01	12.6587	P	0.3
6	☐	25000.000	25762.184	2695334.87	25.1393	A	1.0
7	☐	50000.000	50274.772	5419027.51	49.0591	A	0.6
8	☐	100000.00	97677.696	11228640.97	95.3155	A	1.0
9	☐	500000.00	500383.44	54586346.36	488.2818	A	1.8

$$y = 9.7581\text{E-}004 * x + 2.0222\text{E-}004$$

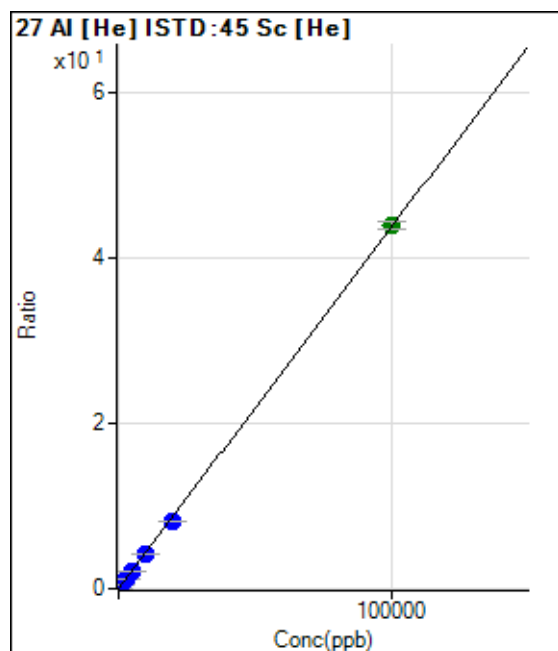
$$R = 1.0000$$

$$DL = 0.6754$$

$$BEC = 0.2072$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.55	0.0003	P	68.8
2	☐	2.000					
3	☐	20.000	19.523	950.07	0.0088	P	5.2
4	☐	1000.000	1027.231	49346.23	0.4489	P	2.7
5	☐	2500.000	2512.021	120311.40	1.0972	P	0.2
6	☐	5000.000	4939.176	231282.30	2.1571	P	0.7
7	☐	10000.000	9564.972	461456.62	4.1772	P	0.8
8	☐	20000.000	18561.523	954906.67	8.1058	P	0.4
9	☐	100000.00	100333.66	4897999.20	43.8147	A	2.0

$$y = 4.3669\text{E-}004 * x + 2.7695\text{E-}004$$

$$R = 0.9999$$

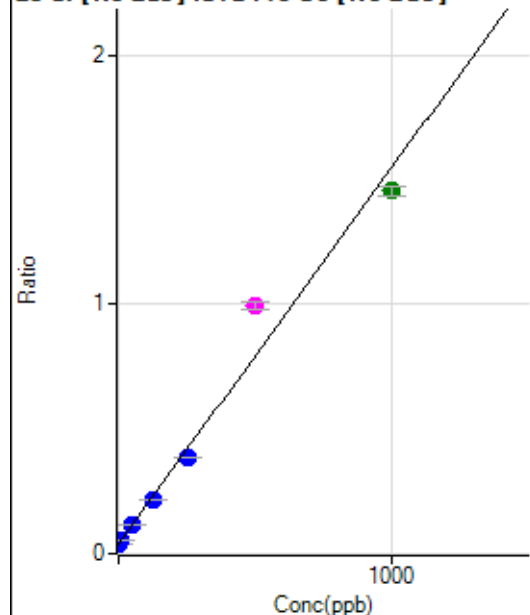
$$DL = 1.308$$

$$BEC = 0.6342$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	93720.16	0.0394	P	0.5
2	☐	1.000					
3	☐	10.000	10.504	122341.17	0.0553	P	1.3
4	☐	50.000	50.064	255738.46	0.1149	P	0.5
5	☐	125.000	117.745	484981.85	0.2170	P	1.0
6	☐	250.000	229.941	840455.75	0.3863	P	0.9
7	☐	500.000	634.323	2194554.71	0.9964	M	3.4
8	☐	1000.000	938.752	3277862.66	1.4556	A	2.6
9	☐			156782.86	0.0735	P	2.1

$$y = 0.0015 * x + 0.0394$$

$$R = 0.9862$$

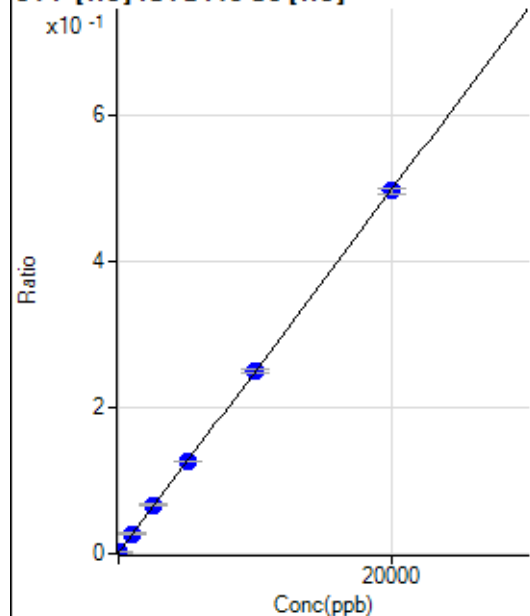
$$DL = 0.417$$

$$BEC = 26.12$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-22.009	66.67	0.0006	P	22.2
2	☐	0.000					
3	☐	0.000	22.009	183.34	0.0017	P	18.6
4	☐	1000.000	1062.774	3030.97	0.0276	P	8.0
5	☐	2500.000	2648.280	7343.76	0.0670	P	5.5
6	☐	5000.000	5053.484	13592.79	0.1268	P	0.5
7	☐	10000.000	10033.516	27684.83	0.2506	P	2.0
8	☐	20000.000	19948.197	58556.90	0.4971	P	1.5
9	☐			83.34	0.0007	P	34.8

$$y = 2.4860E-005 * x + 0.0012$$

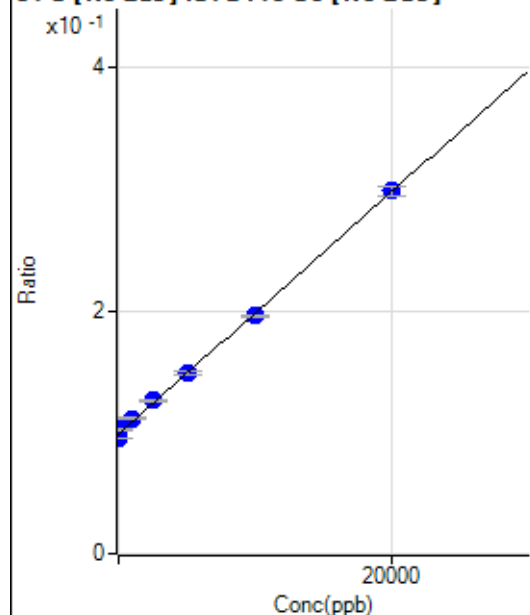
$$R = 1.0000$$

$$DL = 27.2$$

$$BEC = 46.36$$

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	-364.541	225728.43	0.0949	P	1.0
2	☐	0.000					
3	☐	0.000	364.541	226261.99	0.1022	P	0.8
4	☐	1000.000	1275.057	247565.43	0.1113	P	1.2
5	☐	2500.000	2734.839	281126.28	0.1258	P	1.4
6	☐	5000.000	5018.906	323270.54	0.1486	P	1.4
7	☐	10000.000	9779.406	431721.93	0.1960	P	0.9
8	☐	20000.000	20062.463	672184.25	0.2985	P	2.3
9	☐			164781.52	0.0772	P	1.9

$$y = 9.9659\text{E-}006 * x + 0.0986$$

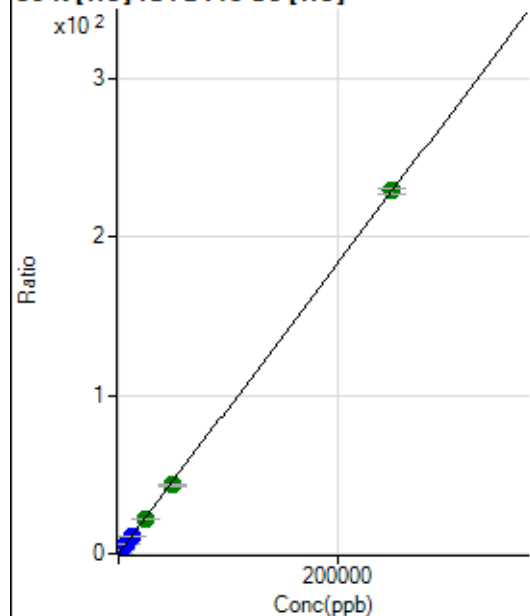
$$R = 0.9993$$

$$DL = 264.4$$

$$BEC = 9890$$

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	9773.04	0.0887	P	3.9
2	☐	50.000					
3	☐	500.000	500.175	58825.63	0.5451	P	1.8
4	☐	2500.000	2529.700	263548.95	2.3971	P	0.8
5	☐	6250.000	6297.283	639822.46	5.8352	P	0.5
6	☐	12500.000	12337.104	1216536.50	11.3468	P	0.8
7	☐	25000.000	24004.191	2429475.12	21.9936	A	0.2
8	☐	50000.000	47170.365	5081195.60	43.1337	A	0.6
9	☐	250000.00	250672.17	25582593.63	228.8384	A	1.8

$$y = 9.1255\text{E-}004 * x + 0.0887$$

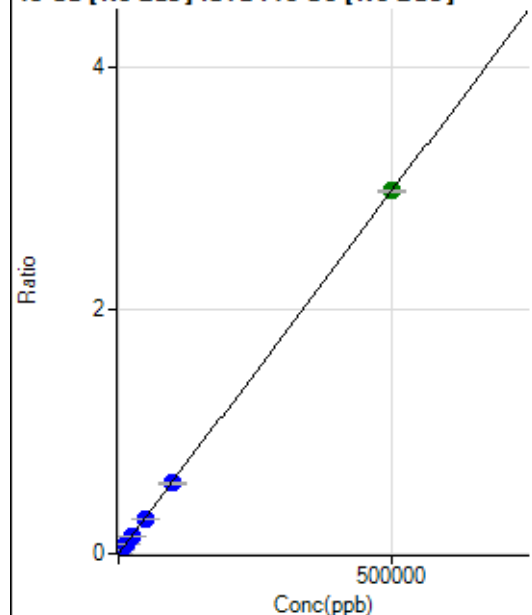
$$R = 0.9999$$

$$DL = 11.27$$

$$BEC = 97.15$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	52.78	0.0000	P	56.0
2	☐	50.000					
3	☐	500.000	478.074	6351.61	0.0029	P	3.1
4	☐	5000.000	4969.621	65891.82	0.0296	P	1.9
5	☐	12500.000	12509.206	166493.21	0.0745	P	0.7
6	☐	25000.000	24821.539	321603.79	0.1478	P	1.0
7	☐	50000.000	48969.133	642270.56	0.2916	P	0.1
8	☐	100000.00	97448.921	1306820.33	0.5803	P	1.9
9	☐	500000.00	500622.32	6361388.12	2.9810	A	0.5

$$y = 5.9545E-006 * x + 2.2244E-005$$

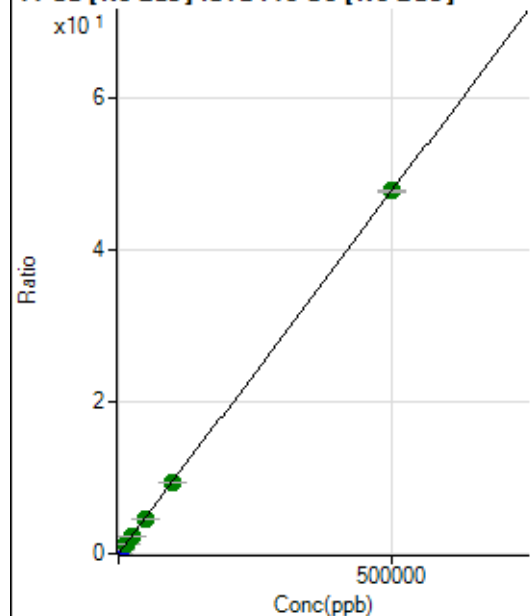
$$R = 1.0000$$

$$DL = 6.275$$

$$BEC = 3.736$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3411.64	0.0014	P	1.6
2	☐	50.000					
3	☐	500.000	478.790	104260.29	0.0471	P	1.1
4	☐	5000.000	4923.000	1047715.16	0.4709	P	0.5
5	☐	12500.000	12182.372	2599066.94	1.1631	A	0.7
6	☐	25000.000	24387.360	5062740.35	2.3270	A	0.7
7	☐	50000.000	48376.271	10163591.37	4.6145	A	0.5
8	☐	100000.00	98404.275	21135474.78	9.3851	A	1.9
9	☐	500000.00	500520.88	101856147.4	47.7304	A	0.3

$$y = 9.5359E-005 * x + 0.0014$$

$$R = 1.0000$$

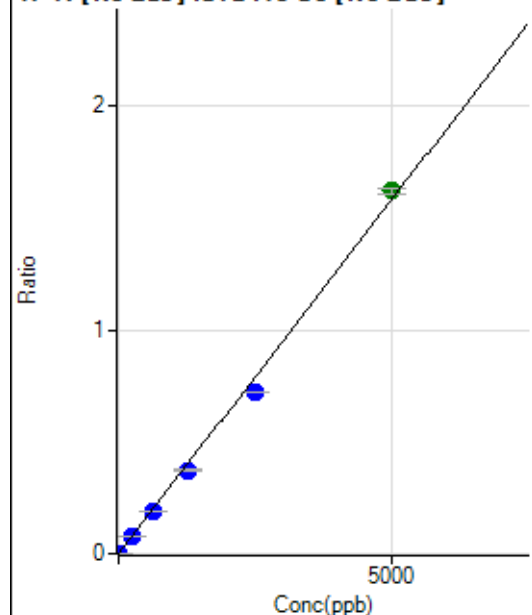
$$DL = 0.7402$$

$$BEC = 15.05$$

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	25.00	0.0000	P	33.0
2	☐	0.500					
3	☐	5.000	3.936	2778.13	0.0013	P	1.6
4	☐	250.000	237.952	167379.34	0.0752	P	0.2
5	☐	625.000	593.162	419006.30	0.1875	P	0.4
6	☐	1250.000	1182.137	813028.63	0.3737	P	0.2
7	☐	2500.000	2287.140	1592342.18	0.7230	P	0.2
8	☐	5000.000	5127.979	3650450.26	1.6210	A	1.7
9	☐			672.27	0.0003	P	5.5

$$y = 3.1610E-004 * x + 1.0508E-005$$

$$R = 0.9986$$

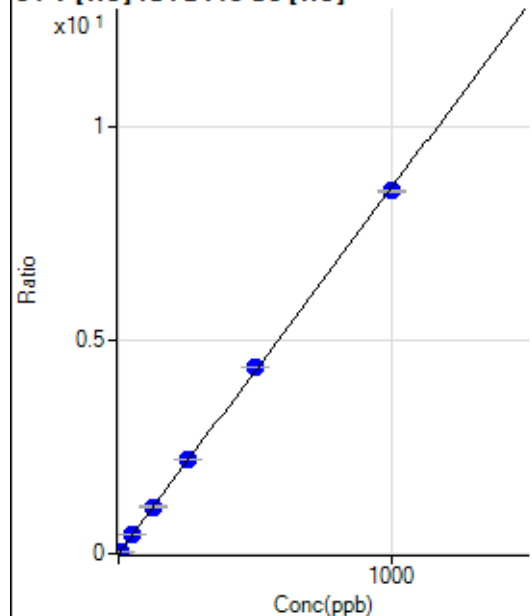
$$DL = 0.03294$$

$$BEC = 0.03324$$

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	2.22	0.0000	P	86.6
2	☐	0.500					
3	☐	5.000	5.337	4940.90	0.0458	P	0.7
4	☐	50.000	51.198	48263.30	0.4390	P	1.8
5	☐	125.000	128.545	120857.63	1.1022	P	0.9
6	☐	250.000	258.370	237517.73	2.2153	P	0.4
7	☐	500.000	511.171	484161.76	4.3829	P	0.2
8	☐	1000.000	991.817	1001749.98	8.5040	P	0.5
9	☐			191.12	0.0017	P	9.5

$$y = 0.0086 * x + 2.0092E-005$$

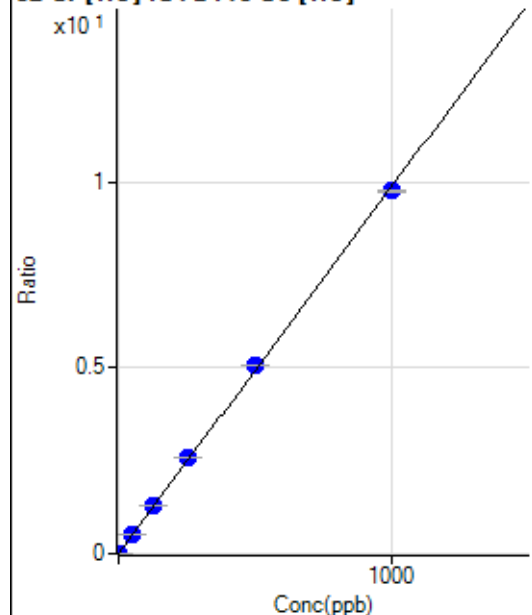
$$R = 0.9999$$

$$DL = 0.006088$$

$$BEC = 0.002343$$

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	343.34	0.0031	P	12.4
2	☐	0.200					
3	☐	2.000	2.084	2555.81	0.0237	P	1.7
4	☐	50.000	52.738	57552.04	0.5235	P	2.7
5	☐	125.000	132.486	143688.89	1.3104	P	0.5
6	☐	250.000	261.891	277395.61	2.5873	P	0.7
7	☐	500.000	514.125	560758.60	5.0762	P	0.6
8	☐	1000.000	988.892	1149786.41	9.7609	P	0.7
9	☐			19523.12	0.1746	P	1.7

$$y = 0.0099 * x + 0.0031$$

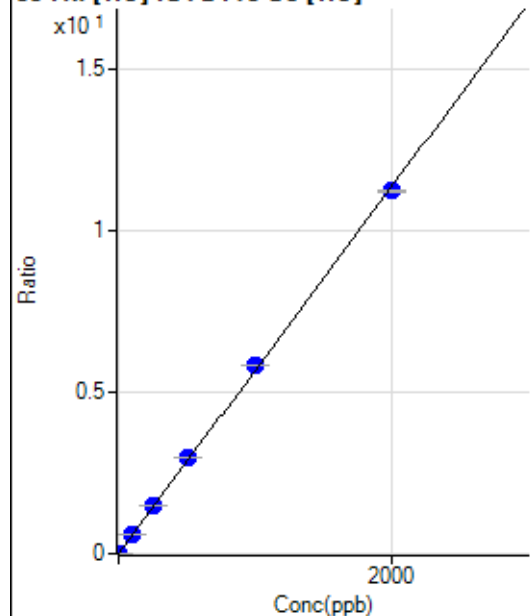
$$R = 0.9998$$

$$DL = 0.1179$$

$$BEC = 0.3158$$

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	15.55	0.0001	P	25.0
2	☐	0.100					
3	☐	1.000	1.074	674.47	0.0062	P	7.5
4	☐	100.000	105.145	65763.05	0.5982	P	1.3
5	☐	250.000	263.771	164514.31	1.5004	P	0.2
6	☐	500.000	526.122	320838.54	2.9925	P	0.9
7	☐	1000.000	1026.638	645030.04	5.8393	P	0.2
8	☐	2000.000	1978.172	1325375.81	11.2512	P	0.5
9	☐			3851.68	0.0344	P	2.2

$$y = 0.0057 * x + 1.4116E-004$$

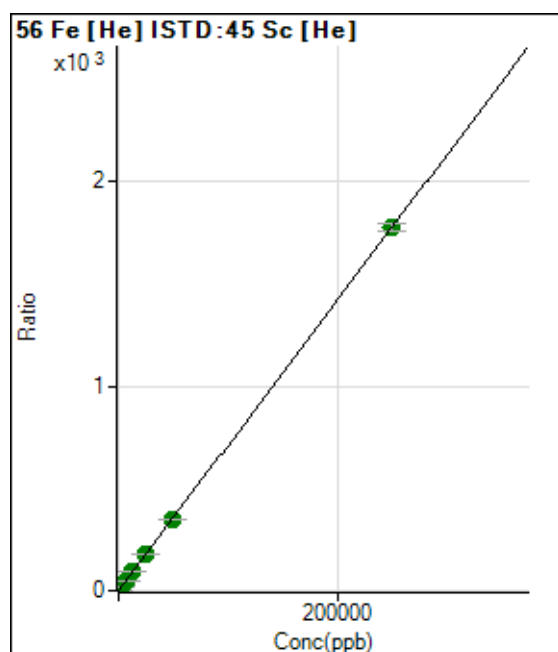
$$R = 0.9998$$

$$DL = 0.0186$$

$$BEC = 0.02482$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1496.42	0.0136	P	14.0
2	☐	5.000					
3	☐	50.000	58.753	46472.03	0.4306	P	1.9
4	☐	2500.000	2594.119	2025828.60	18.4273	A	2.9
5	☐	6250.000	6474.664	5040923.66	45.9724	A	1.0
6	☐	12500.000	12964.936	9868261.80	92.0419	A	0.3
7	☐	25000.000	25529.041	20018188.64	181.2250	A	0.5
8	☐	50000.000	49142.687	41091393.05	348.8406	A	1.1
9	☐	250000.00	250088.75	198448632.2	1,775.205	A	2.0

$$y = 0.0071 * x + 0.0136$$

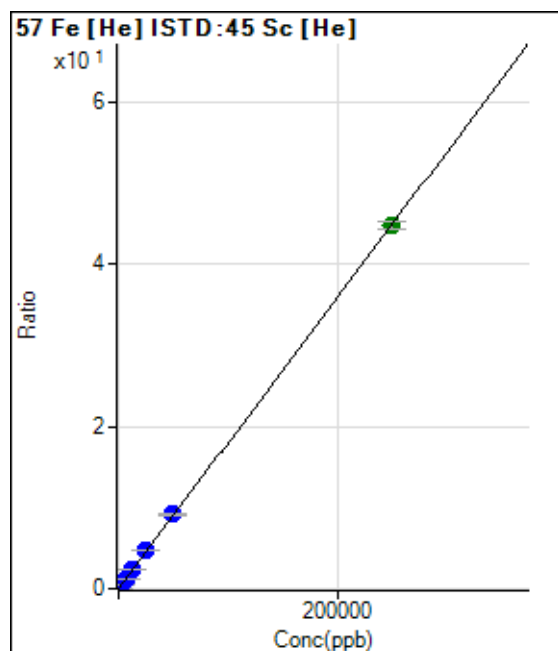
$$R = 1.0000$$

$$DL = 0.8053$$

$$BEC = 1.914$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	98.15	0.0009	P	31.4
2	☐	5.000					
3	☐	50.000	62.809	1309.36	0.0121	P	6.1
4	☐	2500.000	2696.054	53139.20	0.4834	P	2.4
5	☐	6250.000	6738.491	132318.39	1.2068	P	0.5
6	☐	12500.000	13537.431	259827.05	2.4234	P	0.9
7	☐	25000.000	26466.415	523293.07	4.7371	P	0.3
8	☐	50000.000	51264.186	1080720.03	9.1747	P	1.6
9	☐	250000.00	249534.47	4992007.58	44.6557	A	2.0

$$y = 1.7895E-004 * x + 8.9069E-004$$

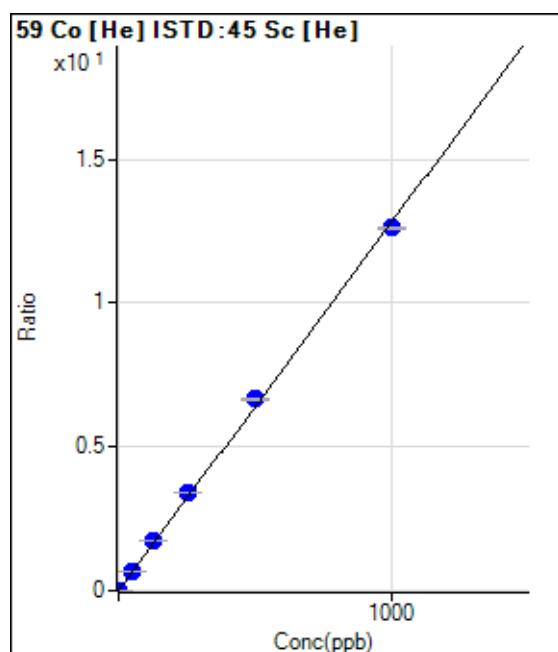
$$R = 1.0000$$

$$DL = 4.686$$

$$BEC = 4.977$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.33	0.0001	P	90.1
2	☐	0.100					
3	☐	1.000	1.005	1402.31	0.0130	P	5.8
4	☐	50.000	53.682	75591.35	0.6876	P	1.4
5	☐	125.000	134.002	188175.91	1.7161	P	1.1
6	☐	250.000	265.009	363857.30	3.3938	P	1.0
7	☐	500.000	519.658	735110.22	6.6547	P	0.6
8	☐	1000.000	985.110	1486005.67	12.6152	P	0.8
9	☐			17854.40	0.1597	P	2.7

$$y = 0.0128 * x + 1.2138E-004$$

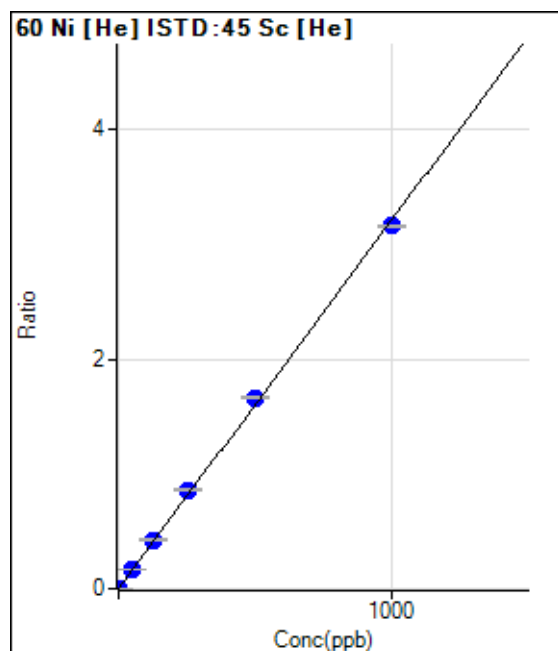
$$R = 0.9996$$

$$DL = 0.02561$$

$$BEC = 0.009479$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7.78	0.0001	P	89.2
2	☐	0.100					
3	☐	1.000	1.024	362.23	0.0034	P	2.8
4	☐	50.000	53.478	18877.88	0.1717	P	3.1
5	☐	125.000	132.885	46775.63	0.4266	P	0.6
6	☐	250.000	268.053	92248.88	0.8604	P	1.2
7	☐	500.000	518.205	183735.01	1.6633	P	0.7
8	☐	1000.000	985.225	372505.85	3.1623	P	0.6
9	☐			6880.60	0.0616	P	4.0

$$y = 0.0032 * x + 7.0797E-005$$

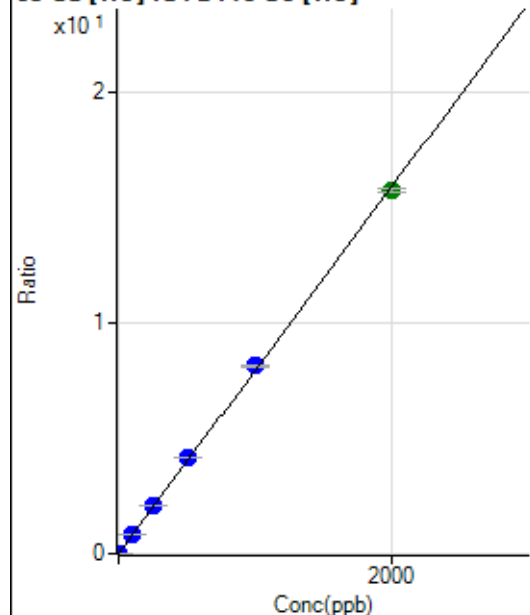
$$R = 0.9996$$

$$DL = 0.059$$

$$BEC = 0.02206$$

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	187.78	0.0017	P	11.2
2	☐	0.200					
3	☐	2.000	2.010	1907.94	0.0177	P	2.1
4	☐	100.000	106.454	93191.86	0.8477	P	1.8
5	☐	250.000	266.258	232191.43	2.1176	P	0.1
6	☐	500.000	526.405	448683.72	4.1849	P	0.7
7	☐	1000.000	1024.556	899552.27	8.1436	P	0.8
8	☐	2000.000	1978.766	1852498.43	15.7264	A	1.0
9	☐			2666.96	0.0238	P	4.0

$$y = 0.0079 * x + 0.0017$$

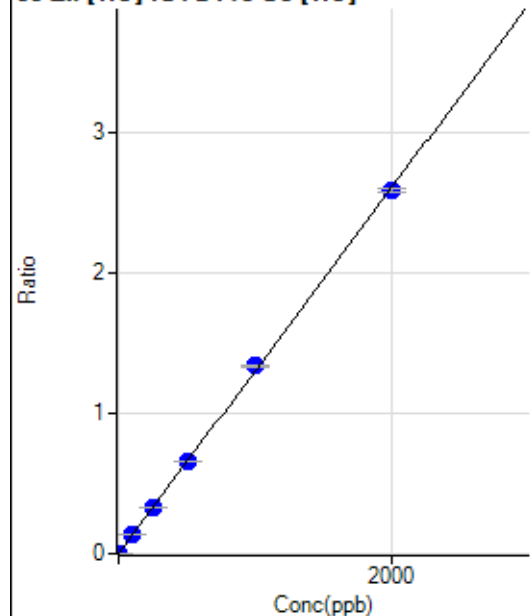
$$R = 0.9998$$

$$DL = 0.07169$$

$$BEC = 0.2143$$

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	65.56	0.0006	P	7.2
2	☐	0.200					
3	☐	2.000	1.992	344.45	0.0032	P	5.0
4	☐	100.000	102.526	14755.40	0.1342	P	3.0
5	☐	250.000	252.708	36179.27	0.3300	P	0.2
6	☐	500.000	504.639	70580.57	0.6583	P	0.8
7	☐	1000.000	1029.127	148219.56	1.3419	P	0.8
8	☐	2000.000	1983.812	304625.45	2.5861	P	1.0
9	☐			2584.72	0.0231	P	1.5

$$y = 0.0013 * x + 5.9462E-004$$

$$R = 0.9998$$

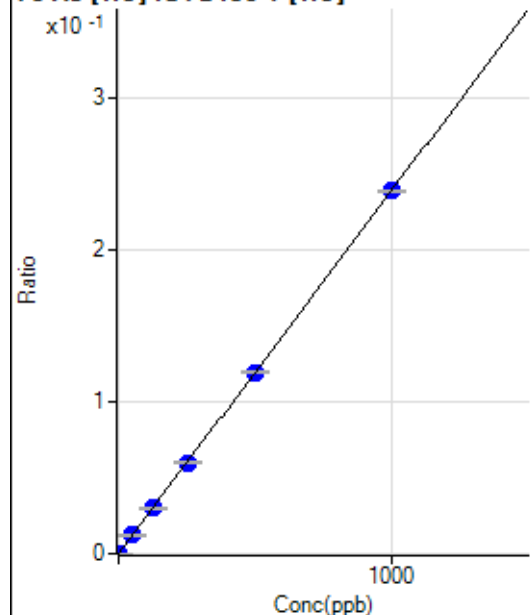
$$DL = 0.09881$$

$$BEC = 0.4562$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1.23	0.0000	P	86.6
2	☐	0.100					
3	☐	1.000	0.997	95.06	0.0002	P	9.3
4	☐	50.000	50.713	4901.49	0.0121	P	3.9
5	☐	125.000	124.949	12271.30	0.0299	P	3.1
6	☐	250.000	250.926	24054.51	0.0601	P	1.5
7	☐	500.000	500.276	49420.00	0.1197	P	0.8
8	☐	1000.000	999.601	103055.47	0.2393	P	0.4
9	☐			146.91	0.0004	P	1.6

$$y = 2.3936E-004 * x + 3.0295E-006$$

$$R = 1.0000$$

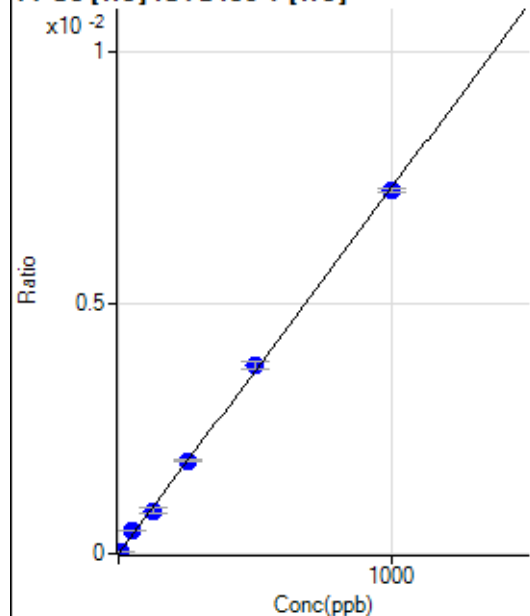
$$DL = 0.03289$$

$$BEC = 0.01266$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	6.204	17.78	0.0000	P	29.6
4	☐	50.000	62.203	183.34	0.0005	P	3.5
5	☐	125.000	117.933	353.35	0.0009	P	12.8
6	☐	250.000	254.624	744.48	0.0019	P	1.5
7	☐	500.000	515.153	1552.33	0.0038	P	3.4
8	☐	1000.000	991.534	3118.16	0.0072	P	1.0
9	☐			1.11	0.0000	P	173.2

$$y = 7.3011E-006 * x + 0.0000E+000$$

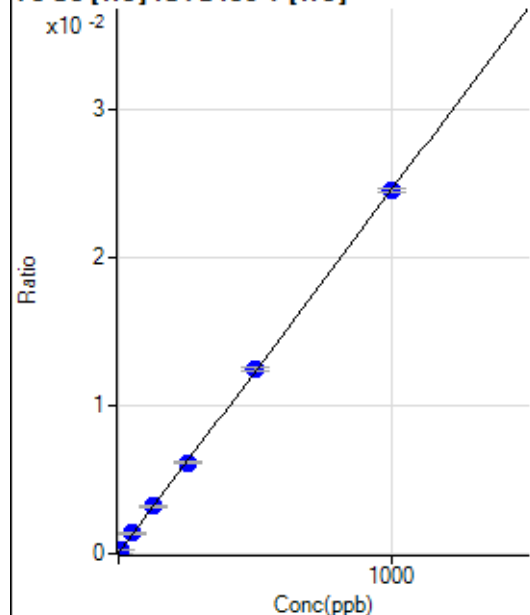
$$R = 0.9997$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	20.37	0.0001	P	8.5
2	☐	0.500					
3	☐	5.000	7.059	87.66	0.0002	P	8.0
4	☐	50.000	54.631	560.51	0.0014	P	10.8
5	☐	125.000	128.068	1306.86	0.0032	P	2.3
6	☐	250.000	248.528	2457.02	0.0061	P	2.0
7	☐	500.000	504.787	5120.70	0.0124	P	2.1
8	☐	1000.000	997.349	10539.07	0.0245	P	1.1
9	☐			26.54	0.0001	P	15.9

$$y = 2.4484\text{E-}005 * x + 5.0051\text{E-}005$$

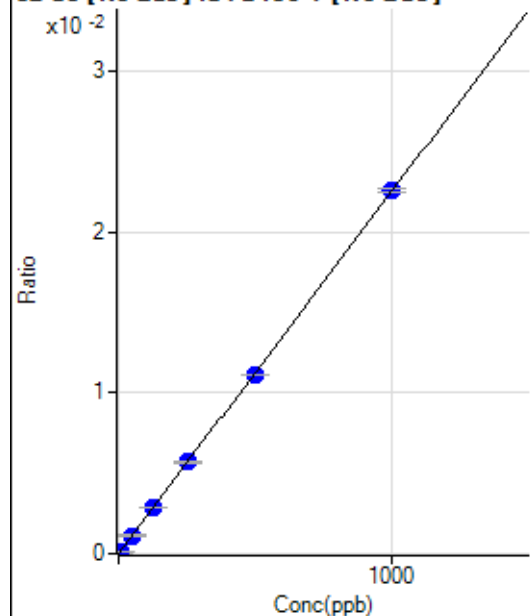
$$R = 1.0000$$

$$DL = 0.519$$

$$BEC = 2.044$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-2.92	0.0000	P	-335.
2	☐	0.500					
3	☐	5.000	5.318	313.26	0.0001	P	9.5
4	☐	50.000	50.184	3037.35	0.0011	P	2.5
5	☐	125.000	126.793	7730.21	0.0029	P	1.5
6	☐	250.000	252.532	15190.05	0.0057	P	0.8
7	☐	500.000	494.006	30045.43	0.0111	P	0.4
8	☐	1000.000	1002.129	61397.28	0.0226	P	1.2
9	☐			79.71	0.0000	P	22.4

$$y = 2.2524\text{E-}005 * x - 1.0595\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.4727$$

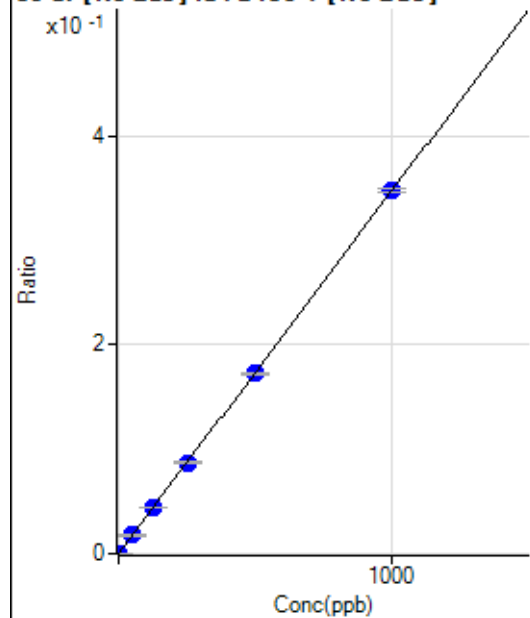
$$BEC = -0.04704$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			114.45		P	4.4
2	☐						
3	☐			115.56		P	13.0
4	☐			103.34		P	25.2
5	☐			104.45		P	6.6
6	☐			118.89		P	16.9
7	☐			86.67		P	25.2
8	☐			112.22		P	20.2
9	☐			110.00		P	9.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	158.34	0.0001	P	14.2
2	☐	0.100					
3	☐	1.000	0.953	1025.08	0.0004	P	5.9
4	☐	50.000	50.463	47292.60	0.0176	P	1.1
5	☐	125.000	126.472	119085.50	0.0440	P	0.7
6	☐	250.000	251.425	233370.85	0.0874	P	0.9
7	☐	500.000	497.100	466363.31	0.1727	P	0.9
8	☐	1000.000	1000.887	945712.28	0.3477	P	1.0
9	☐			3878.45	0.0015	P	3.2

$$y = 3.4729\text{E-}004 * x + 5.7634\text{E-}005$$

$$R = 1.0000$$

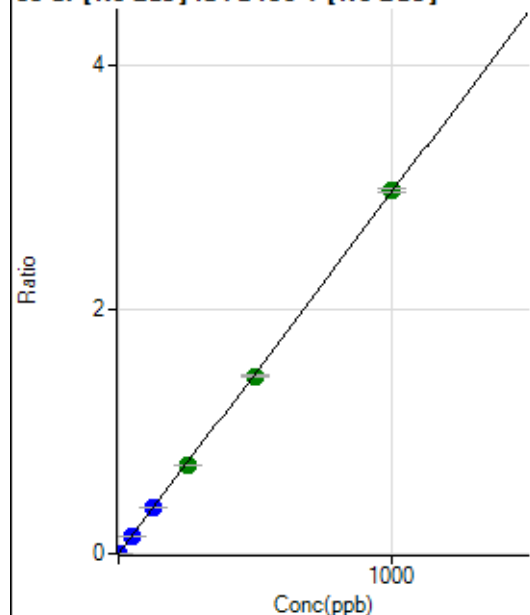
$$DL = 0.07064$$

$$BEC = 0.166$$

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	61.11	0.0000	P	47.9
2	☐	0.100					
3	☐	1.000	1.000	7874.68	0.0030	P	1.9
4	☐	50.000	50.367	401315.85	0.1492	P	0.4
5	☐	125.000	125.675	1007934.15	0.3722	P	0.6
6	☐	250.000	245.815	1944649.48	0.7281	A	0.7
7	☐	500.000	492.325	3937906.95	1.4582	A	0.4
8	☐	1000.000	1004.781	8095261.03	2.9760	A	0.9
9	☐			32849.61	0.0131	P	2.1

$$y = 0.0030 * x + 2.2249E-005$$

$$R = 0.9999$$

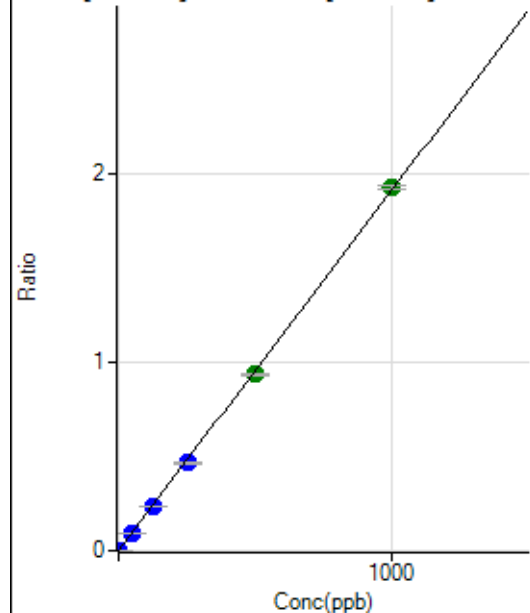
$$DL = 0.0108$$

$$BEC = 0.007512$$

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	216.68	0.0001	P	23.4
2	☐	0.100					
3	☐	1.000	0.917	4828.81	0.0018	P	1.9
4	☐	50.000	49.195	252951.69	0.0940	P	1.9
5	☐	125.000	123.418	638483.65	0.2358	P	0.6
6	☐	250.000	243.025	1240010.69	0.4643	P	0.5
7	☐	500.000	489.391	2524445.97	0.9348	A	0.6
8	☐	1000.000	1007.286	5233766.48	1.9240	A	0.9
9	☐			1319.56	0.0005	P	4.6

$$y = 0.0019 * x + 7.8853E-005$$

$$R = 0.9999$$

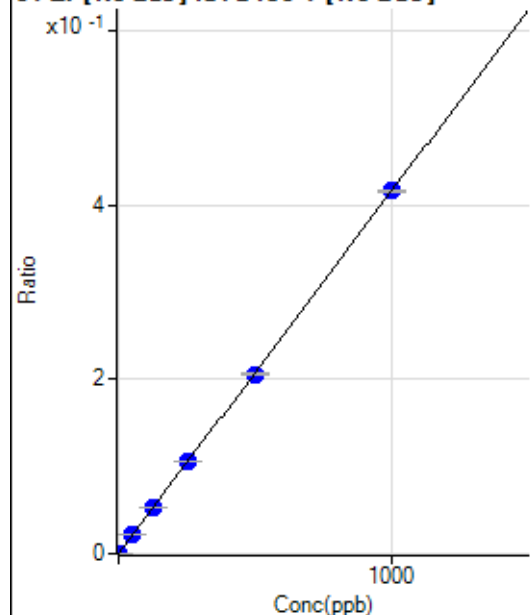
$$DL = 0.02899$$

$$BEC = 0.04128$$

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	50.00	0.0000	P	44.2
2	☐	0.100					
3	☐	1.000	0.853	983.41	0.0004	P	6.6
4	☐	50.000	50.768	56810.67	0.0211	P	0.4
5	☐	125.000	128.302	144453.29	0.0533	P	0.3
6	☐	250.000	255.524	283735.22	0.1062	P	0.8
7	☐	500.000	495.140	555849.43	0.2058	P	1.0
8	☐	1000.000	1000.598	1131431.51	0.4159	P	0.8
9	☐			275.02	0.0001	P	6.0

$$y = 4.1567\text{E-}004 * x + 1.8200\text{E-}005$$

$$R = 1.0000$$

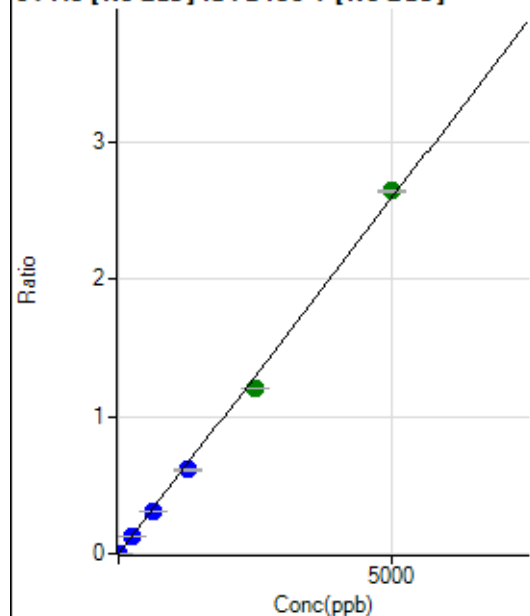
$$DL = 0.05804$$

$$BEC = 0.04379$$

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	102.78	0.0000	P	32.6
2	☐	0.500					
3	☐	5.000	4.096	5687.46	0.0022	P	6.9
4	☐	250.000	242.221	337072.11	0.1253	P	1.1
5	☐	625.000	596.843	835951.11	0.3087	P	0.4
6	☐	1250.000	1179.233	1629151.51	0.6100	P	0.7
7	☐	2500.000	2334.976	3261492.82	1.2077	A	0.2
8	☐	5000.000	5104.113	7181386.53	2.6400	A	0.5
9	☐			3186.60	0.0013	P	3.5

$$y = 5.1722\text{E-}004 * x + 3.7387\text{E-}005$$

$$R = 0.9991$$

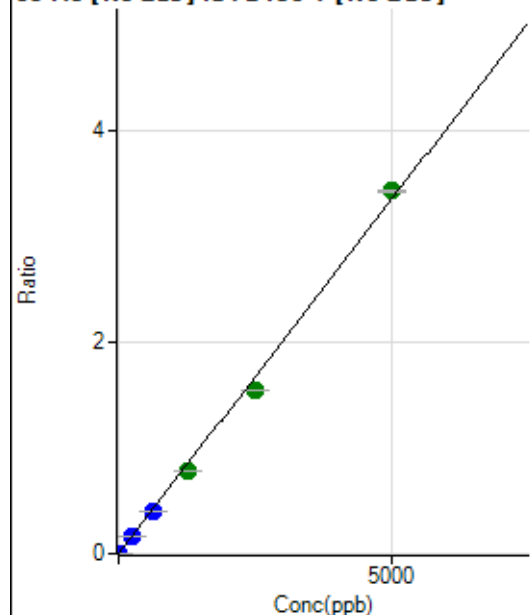
$$DL = 0.07079$$

$$BEC = 0.07229$$

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	5.56	0.0000	P	173.2
2	☐	0.500					
3	☐	5.000	4.084	7216.02	0.0027	P	3.3
4	☐	250.000	237.051	426870.30	0.1587	P	0.1
5	☐	625.000	590.118	1069707.94	0.3951	P	0.7
6	☐	1250.000	1158.430	2071469.27	0.7755	A	0.5
7	☐	2500.000	2312.488	4180719.80	1.5482	A	0.5
8	☐	5000.000	5121.657	9327063.32	3.4288	A	0.8
9	☐			4931.64	0.0020	P	7.5

$$y = 6.6947\text{E-}004 * x + 2.0159\text{E-}006$$

$$R = 0.9988$$

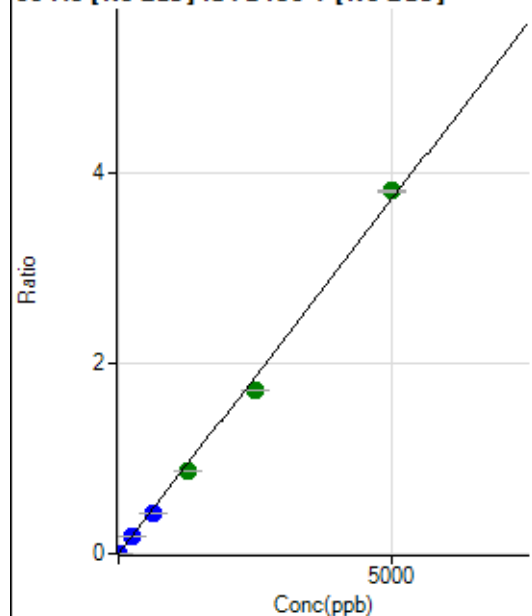
$$DL = 0.01565$$

$$BEC = 0.003011$$

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	47.22	0.0000	P	61.8
2	☐	0.500					
3	☐	5.000	4.026	7963.63	0.0030	P	1.7
4	☐	250.000	233.669	468717.42	0.1743	P	0.4
5	☐	625.000	582.338	1175829.55	0.4343	P	0.4
6	☐	1250.000	1163.626	2317609.99	0.8677	A	0.4
7	☐	2500.000	2308.695	4648990.38	1.7216	A	0.8
8	☐	5000.000	5123.396	10392519.33	3.8204	A	0.6
9	☐			7738.52	0.0031	P	7.6

$$y = 7.4568\text{E-}004 * x + 1.7176\text{E-}005$$

$$R = 0.9988$$

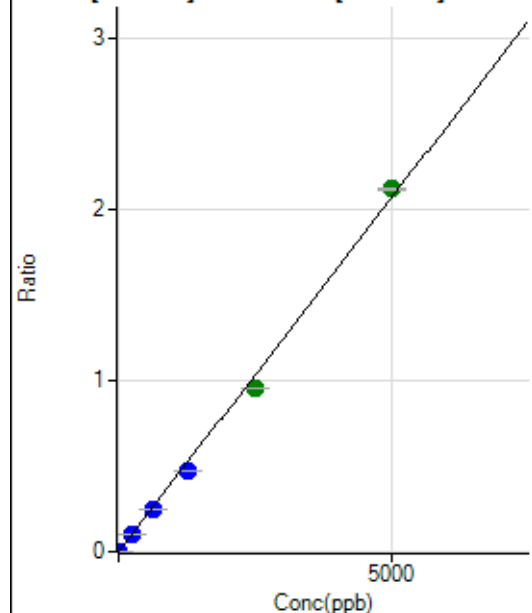
$$DL = 0.0427$$

$$BEC = 0.02303$$

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	13.89	0.0000	P	34.7
2	☐	0.500					
3	☐	5.000	4.202	4595.39	0.0017	P	3.7
4	☐	250.000	236.682	263230.66	0.0979	P	0.5
5	☐	625.000	596.374	667661.83	0.2466	P	1.2
6	☐	1250.000	1141.985	1261178.31	0.4722	P	0.2
7	☐	2500.000	2308.094	2577131.42	0.9543	A	0.5
8	☐	5000.000	5127.201	5766673.05	2.1199	A	0.7
9	☐			2994.89	0.0012	P	2.9

$$y = 4.1347\text{E-}004 * x + 5.0548\text{E-}006$$

$$R = 0.9987$$

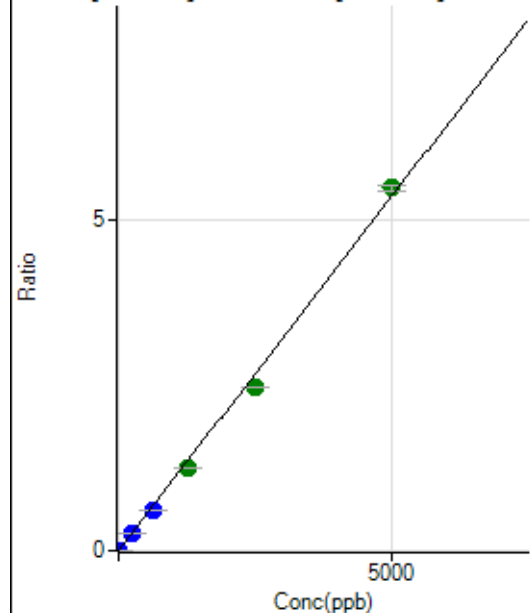
$$DL = 0.01272$$

$$BEC = 0.01223$$

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	11.11	0.0000	P	114.8
2	☐	0.500					
3	☐	5.000	3.967	11243.76	0.0043	P	3.2
4	☐	250.000	233.929	675381.37	0.2511	P	0.3
5	☐	625.000	580.625	1687497.29	0.6232	P	1.0
6	☐	1250.000	1163.380	3335298.60	1.2487	A	0.6
7	☐	2500.000	2308.590	6691702.06	2.4780	A	0.3
8	☐	5000.000	5123.712	14959344.43	5.4996	A	1.8
9	☐			7468.93	0.0030	P	5.5

$$y = 0.0011 * x + 4.0495\text{E-}006$$

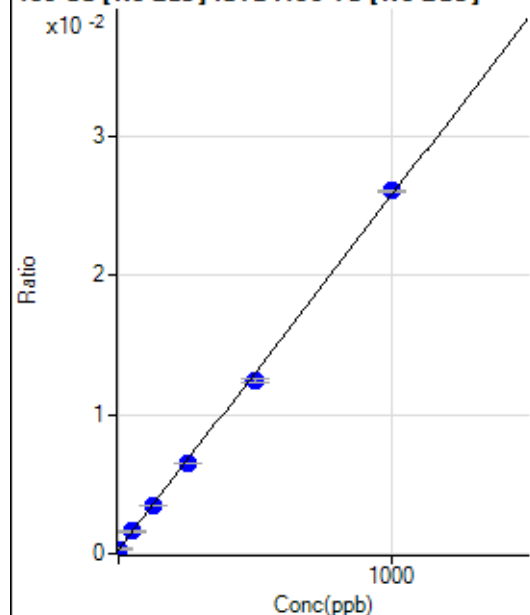
$$R = 0.9988$$

$$DL = 0.01299$$

$$BEC = 0.003773$$

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	883.40	0.0003	P	8.3
2	☐	0.100					
3	☐	1.000	1.947	950.08	0.0003	P	6.7
4	☐	50.000	51.263	4625.95	0.0016	P	3.0
5	☐	125.000	123.252	10079.00	0.0034	P	2.4
6	☐	250.000	244.620	18818.64	0.0065	P	0.5
7	☐	500.000	478.164	36364.58	0.0125	P	1.7
8	☐	1000.000	1012.417	76375.31	0.0261	P	0.7
9	☐			877.85	0.0003	P	7.7

$$y = 2.5494\text{E-}005 * x + 2.9113\text{E-}004$$

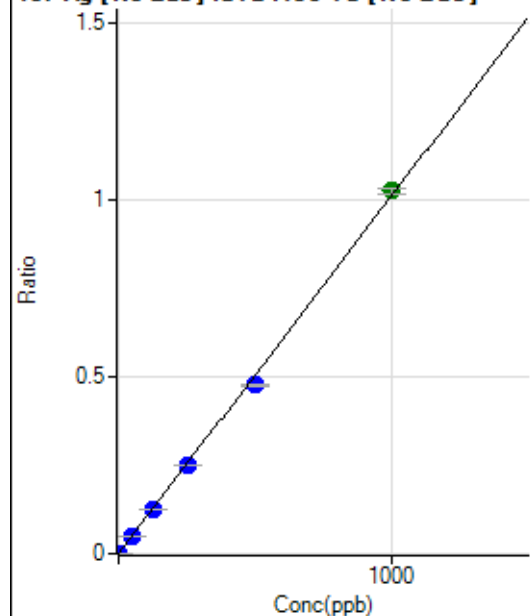
$$R = 0.9996$$

$$DL = 2.829$$

$$BEC = 11.42$$

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	13.89	0.0000	P	69.1
2	☐	0.100					
3	☐	1.000	1.126	3192.17	0.0011	P	4.0
4	☐	50.000	50.305	147415.92	0.0509	P	0.6
5	☐	125.000	125.365	372590.25	0.1269	P	1.3
6	☐	250.000	246.978	720815.54	0.2500	P	0.8
7	☐	500.000	472.649	1394043.66	0.4785	P	1.0
8	☐	1000.000	1014.370	3004389.71	1.0268	A	1.8
9	☐			222.23	0.0001	P	21.3

$$y = 0.0010 * x + 4.5737\text{E-}006$$

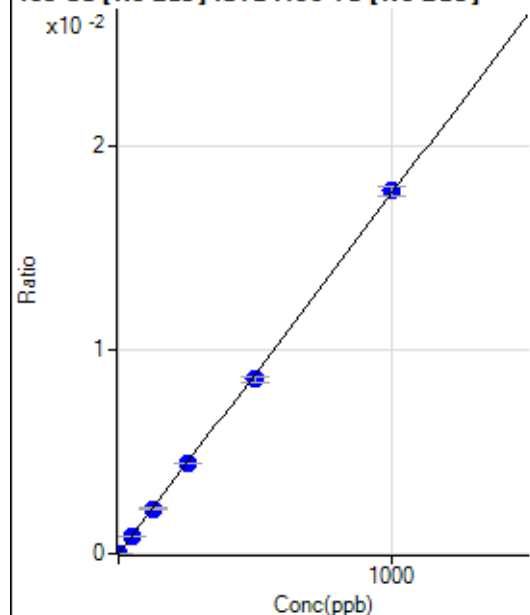
$$R = 0.9994$$

$$DL = 0.009372$$

$$BEC = 0.004518$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2.78	0.0000	P	173.2
2	☐	0.100					
3	☐	1.000	1.108	56.94	0.0000	P	30.8
4	☐	50.000	49.463	2525.28	0.0009	P	3.0
5	☐	125.000	124.492	6443.27	0.0022	P	3.1
6	☐	250.000	250.312	12717.06	0.0044	P	0.8
7	☐	500.000	483.692	24831.73	0.0085	P	2.9
8	☐	1000.000	1008.166	51970.25	0.0178	P	2.4
9	☐			15.28	0.0000	P	15.9

$$y = 1.7618\text{E-}005 * x + 9.1555\text{E-}007$$

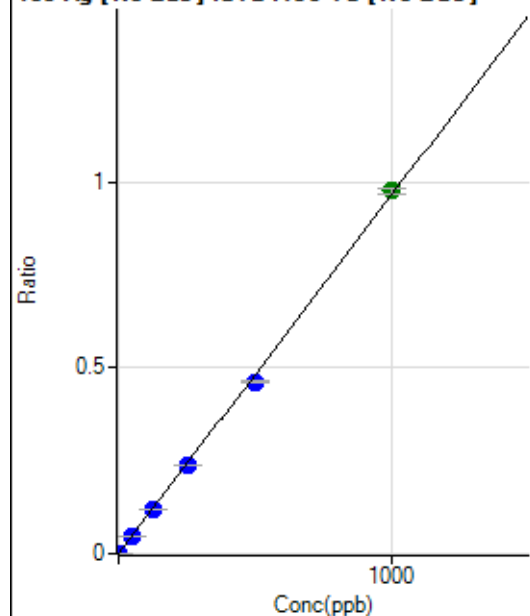
$$R = 0.9998$$

$$DL = 0.27$$

$$BEC = 0.05197$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	22.22	0.0000	P	57.3
2	☐	0.100					
3	☐	1.000	1.093	2961.57	0.0011	P	2.4
4	☐	50.000	50.634	141459.96	0.0489	P	1.0
5	☐	125.000	124.452	352617.33	0.1201	P	0.5
6	☐	250.000	245.371	682661.81	0.2368	P	0.9
7	☐	500.000	478.890	1346428.87	0.4621	P	1.4
8	☐	1000.000	1011.749	2856607.14	0.9763	A	1.3
9	☐			186.12	0.0001	P	2.0

$$y = 9.6496\text{E-}004 * x + 7.3269\text{E-}006$$

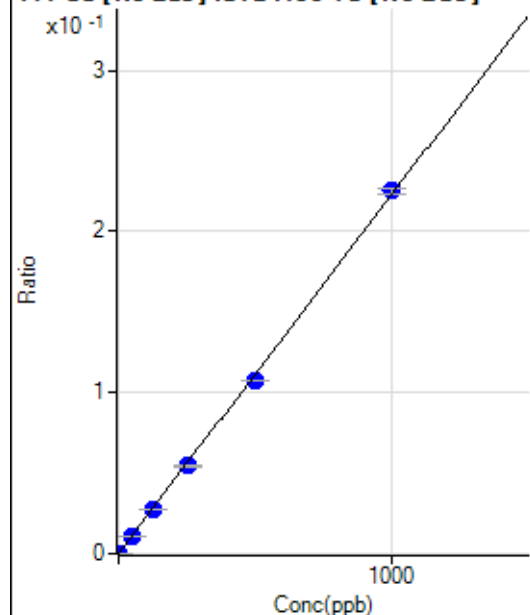
$$R = 0.9997$$

$$DL = 0.01306$$

$$BEC = 0.007593$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	623.38	0.0002	P	8.4
2	☐	0.100					
3	☐	1.000	1.065	1233.55	0.0004	P	2.8
4	☐	50.000	49.604	32546.54	0.0112	P	0.9
5	☐	125.000	121.753	80148.29	0.0273	P	0.5
6	☐	250.000	244.114	157203.09	0.0545	P	1.2
7	☐	500.000	481.558	312814.75	0.1074	P	0.4
8	☐	1000.000	1011.118	658918.01	0.2252	P	1.4
9	☐			702.41	0.0003	P	9.7

$$y = 2.2252\text{E-}004 * x + 2.0544\text{E-}004$$

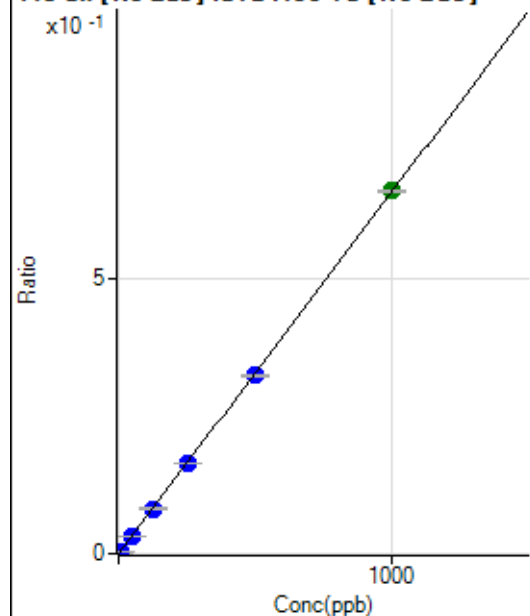
$$R = 0.9997$$

$$DL = 0.233$$

$$BEC = 0.9232$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	130.56	0.0000	P	30.0
2	☐	0.500					
3	☐	5.000	5.178	9634.26	0.0035	P	2.8
4	☐	50.000	49.546	94626.36	0.0327	P	1.3
5	☐	125.000	124.721	241405.61	0.0822	P	0.6
6	☐	250.000	249.172	473457.91	0.1642	P	0.7
7	☐	500.000	492.721	946027.55	0.3247	P	0.9
8	☐	1000.000	1003.903	1935610.72	0.6615	A	0.8
9	☐			800.05	0.0003	P	6.6

$$y = 6.5889\text{E-}004 * x + 4.3017\text{E-}005$$

$$R = 1.0000$$

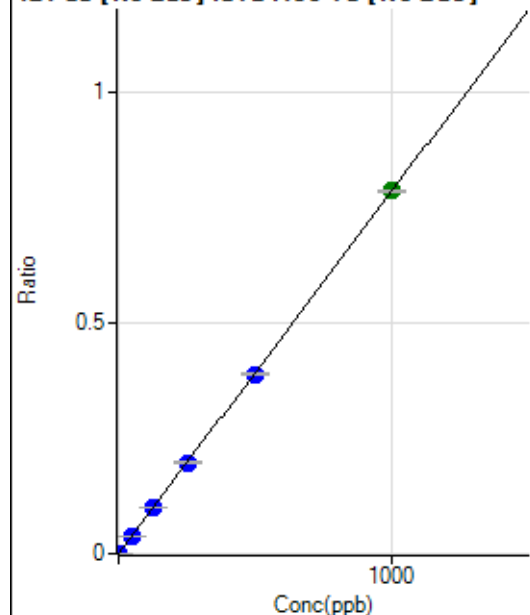
$$DL = 0.05876$$

$$BEC = 0.06529$$

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	16.66	0.0000	P	86.7
2	☐	0.200					
3	☐	2.000	1.889	4145.23	0.0015	P	5.3
4	☐	50.000	49.736	112887.76	0.0390	P	0.3
5	☐	125.000	126.321	290789.37	0.0990	P	0.2
6	☐	250.000	252.076	569786.68	0.1976	P	0.8
7	☐	500.000	495.244	1131306.71	0.3883	P	0.6
8	☐	1000.000	1001.707	2297957.12	0.7853	A	0.7
9	☐			3164.37	0.0012	P	3.9

$$y = 7.8400\text{E-}004 * x + 5.4932\text{E-}006$$

$$R = 1.0000$$

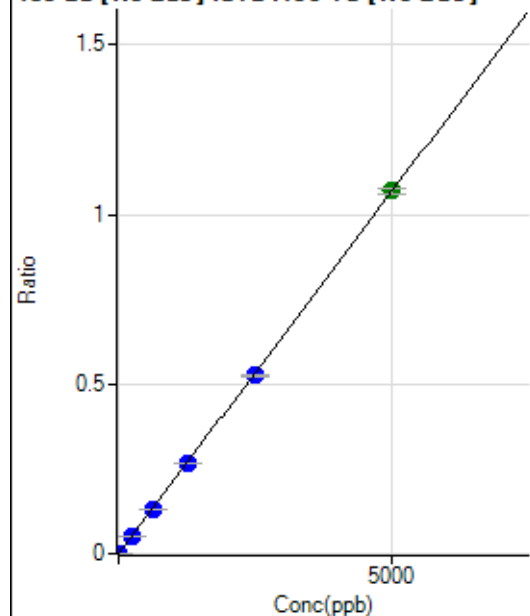
$$DL = 0.01822$$

$$BEC = 0.007007$$

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	2.78	0.0000	P	173.2
2	☐	1.000					
3	☐	10.000	10.456	6221.09	0.0022	P	5.0
4	☐	250.000	248.798	153632.75	0.0531	P	0.9
5	☐	625.000	622.886	390114.34	0.1329	P	0.4
6	☐	1250.000	1250.959	769338.76	0.2668	P	0.3
7	☐	2500.000	2469.130	1534592.32	0.5267	P	0.9
8	☐	5000.000	5015.519	3130375.50	1.0699	A	1.6
9	☐			383.36	0.0001	P	8.4

$$y = 2.1331\text{E-}004 * x + 9.1555\text{E-}007$$

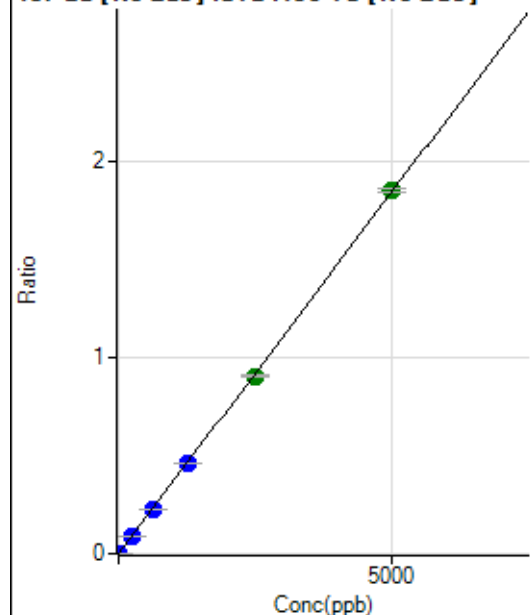
$$R = 1.0000$$

$$DL = 0.0223$$

$$BEC = 0.004292$$

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	13.89	0.0000	P	91.7
2	☐	1.000					
3	☐	10.000	10.290	10571.05	0.0038	P	3.0
4	☐	250.000	249.439	265646.77	0.0918	P	0.2
5	☐	625.000	621.814	671662.73	0.2288	P	0.6
6	☐	1250.000	1244.775	1320283.89	0.4579	P	0.5
7	☐	2500.000	2455.580	2632114.10	0.9034	A	0.8
8	☐	5000.000	5023.942	5407991.48	1.8483	A	1.1
9	☐			733.38	0.0003	P	11.5

$$y = 3.6789E-004 * x + 4.5783E-006$$

$$R = 0.9999$$

$$DL = 0.03424$$

$$BEC = 0.01244$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			2.22		P	173.2
4	☐			20.00		P	66.7
5	☐			46.67		P	49.5
6	☐			55.56		P	59.2
7	☐			122.23		P	27.5
8	☐			197.79		P	19.5
9	☐			60.00		P	48.4

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			1.11		P	173.2
4	☐			2.22		P	86.6
5	☐			4.44		P	114.6
6	☐			5.55		P	69.3
7	☐			22.22		P	17.3
8	☐			25.55		P	27.1
9	☐			21.11		P	36.5

156 Dy [No Gas] No available calibration points

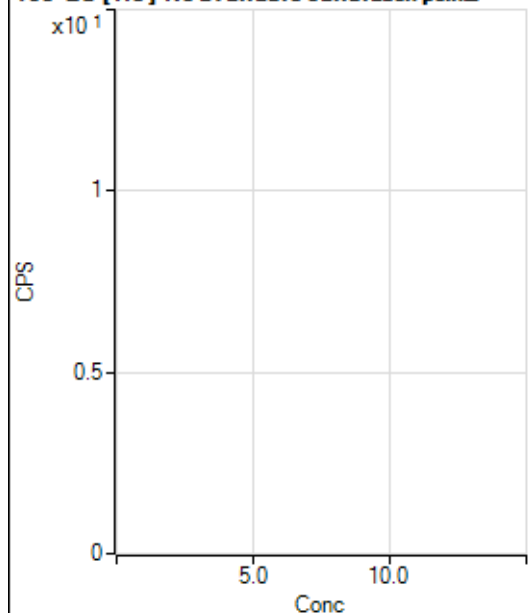
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.78		P	173.2
2	☐						
3	☐			2.78		P	173.2
4	☐			2.78		P	173.2
5	☐			5.56		P	173.2
6	☐			27.78		P	17.3
7	☐			27.78		P	75.5
8	☐			41.67		P	60.0
9	☐			27.78		P	45.8

156 Dy [He] No available calibration points

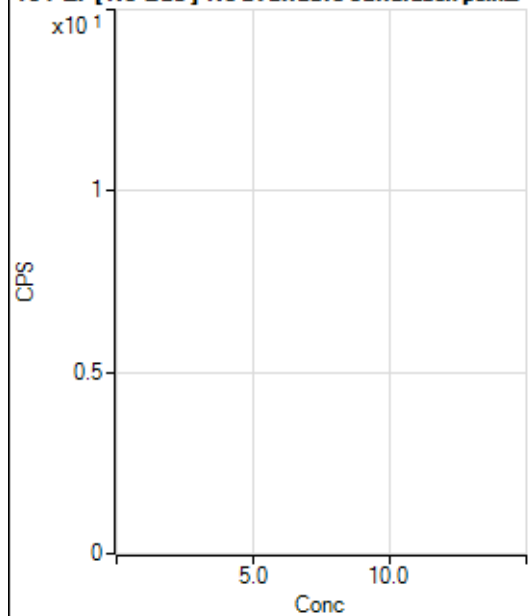
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			2.22		P	173.2
4	☐			4.44		P	114.6
5	☐			13.33		P	50.0
6	☐			24.44		P	20.8
7	☐			45.56		P	18.4
8	☐			63.34		P	9.1
9	☐			13.33		P	25.0

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.89		P	91.6
2	☐						
3	☐			19.44		P	65.5
4	☐			16.67		P	50.0
5	☐			11.11		P	43.3
6	☐			25.00		P	66.7
7	☐			36.11		P	26.7
8	☐			16.67		P	NaN
9	☐			33.34		P	50.0

160 Gd [He] No available calibration points

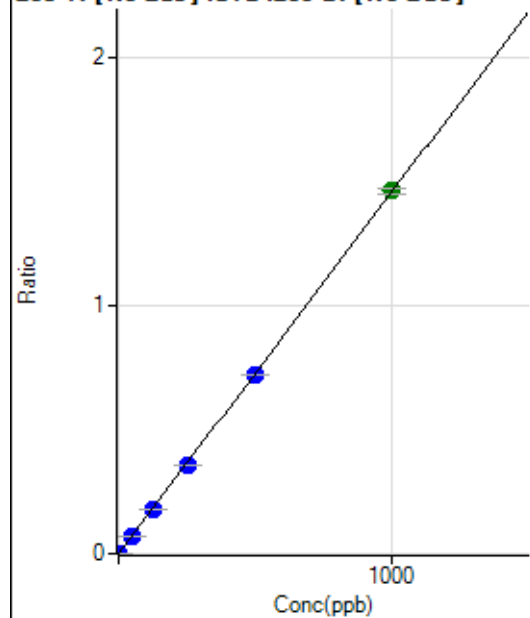
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			41.11		P	20.4
2	☐						
3	☐			46.66		P	12.4
4	☐			41.11		P	9.4
5	☐			37.78		P	10.2
6	☐			44.44		P	31.2
7	☐			54.45		P	12.7
8	☐			57.78		P	21.8
9	☐			66.67		P	30.4

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	43.3
2	☐						
3	☐			11.11		P	114.6
4	☐			2.78		P	173.2
5	☐			13.89		P	69.3
6	☐			13.89		P	34.7
7	☐			25.00		P	88.2
8	☐			16.67		P	50.0
9	☐			22.22		P	57.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.1
2	☐						
3	☐			4.44		P	43.4
4	☐			3.33		P	100.1
5	☐			5.56		P	91.6
6	☐			13.33		P	66.2
7	☐			11.11		P	45.8
8	☐			5.56		P	91.6
9	☐			2.22		P	86.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	108.34	0.0001	P	20.6
2	☐	0.100					
3	☐	1.000	0.889	2100.26	0.0014	P	6.3
4	☐	50.000	47.347	107515.79	0.0690	P	1.4
5	☐	125.000	122.712	279021.86	0.1788	P	0.8
6	☐	250.000	244.537	547237.90	0.3563	P	0.5
7	☐	500.000	494.659	1102530.46	0.7207	P	0.7
8	☐	1000.000	1004.455	2195848.77	1.4633	A	1.6
9	☐			825.06	0.0006	P	14.5

$$y = 0.0015 * x + 6.2550E-005$$

$$R = 1.0000$$

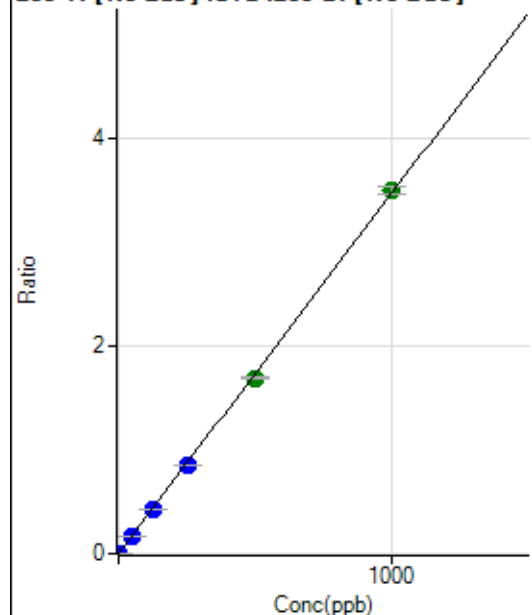
$$DL = 0.02654$$

$$BEC = 0.04294$$

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	211.12	0.0001	P	15.2
2	☐	0.100					
3	☐	1.000	0.964	5359.66	0.0035	P	3.5
4	☐	50.000	48.885	264161.14	0.1696	P	0.3
5	☐	125.000	123.367	667596.33	0.4279	P	0.2
6	☐	250.000	246.801	1314468.51	0.8558	P	0.7
7	☐	500.000	488.205	2589864.97	1.6928	A	0.4
8	☐	1000.000	1006.957	5239096.08	3.4914	A	2.1
9	☐			2008.58	0.0016	P	5.9

$$y = 0.0035 * x + 1.2189E-004$$

$$R = 0.9999$$

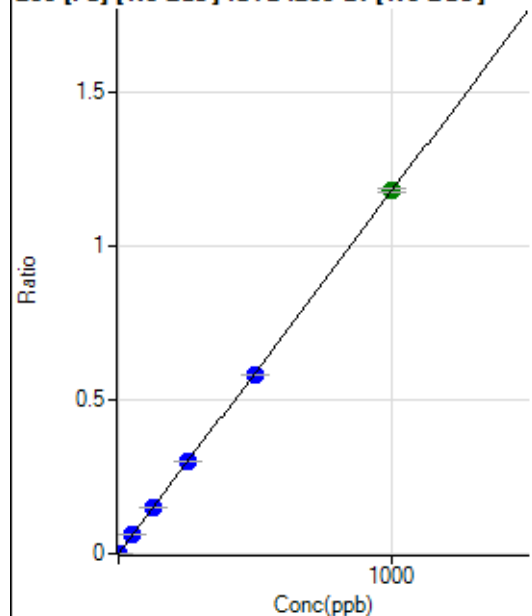
$$DL = 0.01603$$

$$BEC = 0.03516$$

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	62.96	0.0000	P	22.2
2	☐	0.100					
3	☐	1.000	0.964	1811.29	0.0012	P	4.1
4	☐	50.000	50.746	93066.70	0.0598	P	0.7
5	☐	125.000	126.696	232711.13	0.1491	P	0.7
6	☐	250.000	253.797	458814.83	0.2987	P	0.3
7	☐	500.000	495.263	891783.85	0.5829	P	0.3
8	☐	1000.000	1001.170	1768206.75	1.1783	A	1.1
9	☐			1490.87	0.0012	P	2.1

$$y = 0.0012 * x + 3.6339E-005$$

$$R = 1.0000$$

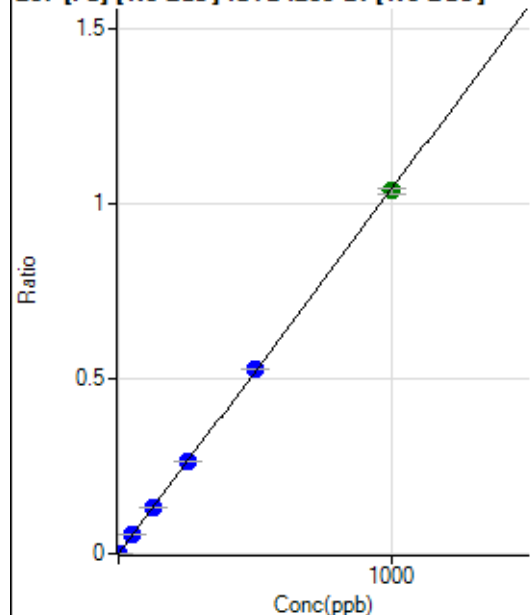
$$DL = 0.02057$$

$$BEC = 0.03088$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	66.67	0.0000	P	16.4
2	☐	0.100					
3	☐	1.000	0.890	1492.72	0.0010	P	10.2
4	☐	50.000	50.763	82424.34	0.0529	P	0.5
5	☐	125.000	127.548	207399.16	0.1329	P	0.8
6	☐	250.000	254.861	407879.97	0.2656	P	0.2
7	☐	500.000	506.411	807208.12	0.5276	P	1.0
8	☐	1000.000	995.223	1555942.03	1.0369	A	1.9
9	☐			1255.65	0.0010	P	6.3

$$y = 0.0010 * x + 3.8471E-005$$

$$R = 1.0000$$

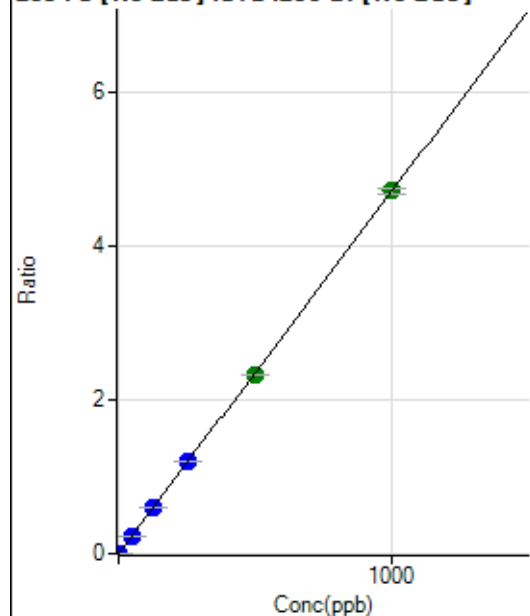
$$DL = 0.0182$$

$$BEC = 0.03693$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	300.01	0.0002	P	11.4
2	☐	0.100					
3	☐	1.000	0.942	7136.18	0.0046	P	1.9
4	☐	50.000	50.252	369196.66	0.2371	P	0.4
5	☐	125.000	126.238	928793.43	0.5952	P	0.2
6	☐	250.000	253.130	1833004.29	1.1934	P	0.2
7	☐	500.000	493.860	3561896.07	2.3282	A	0.7
8	☐	1000.000	1002.120	7089059.89	4.7241	A	1.6
9	☐			5811.79	0.0045	P	1.7

$$y = 0.0047 * x + 1.7317E-004$$

$$R = 1.0000$$

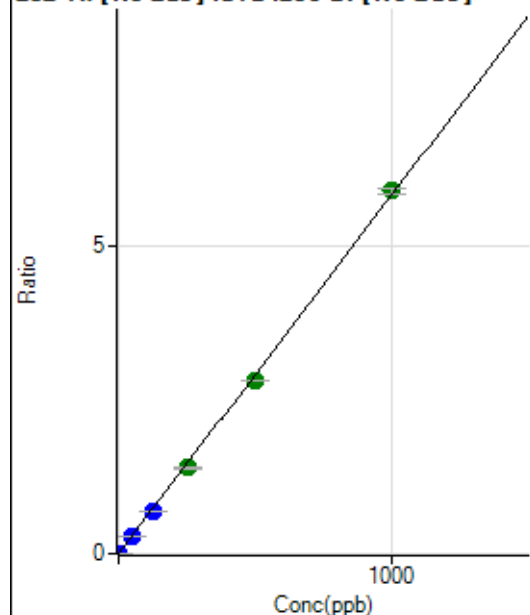
$$DL = 0.01254$$

$$BEC = 0.03674$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0000	P	16.4
2	☐	0.100					
3	☐	1.000	0.806	7292.99	0.0047	P	1.4
4	☐	50.000	46.560	422428.04	0.2712	P	0.9
5	☐	125.000	118.418	1076338.48	0.6898	P	0.6
6	☐	250.000	238.957	2137943.94	1.3920	A	0.6
7	☐	500.000	482.876	4303403.42	2.8128	A	0.2
8	☐	1000.000	1012.318	8849053.90	5.8968	A	1.6
9	☐			1298.25	0.0010	P	5.8

$$y = 0.0058 * x + 1.9235E-005$$

$$R = 0.9997$$

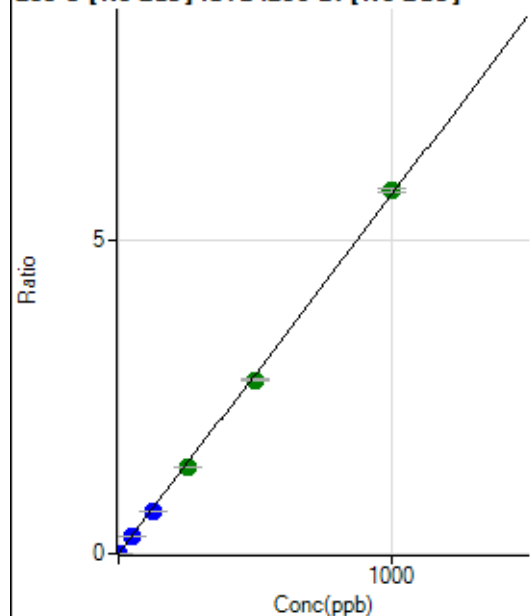
$$DL = 0.001628$$

$$BEC = 0.003302$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.100					
3	☐	1.000	0.874	7744.37	0.0050	P	3.1
4	☐	50.000	47.639	424900.75	0.2728	P	0.5
5	☐	125.000	118.921	1062656.96	0.6810	P	0.5
6	☐	250.000	239.656	2108006.76	1.3725	A	0.9
7	☐	500.000	484.359	4243762.38	2.7738	A	0.3
8	☐	1000.000	1011.284	8691135.44	5.7914	A	1.2
9	☐			502.81	0.0004	P	13.1

$$y = 0.0057 * x + 0.0000E+000$$

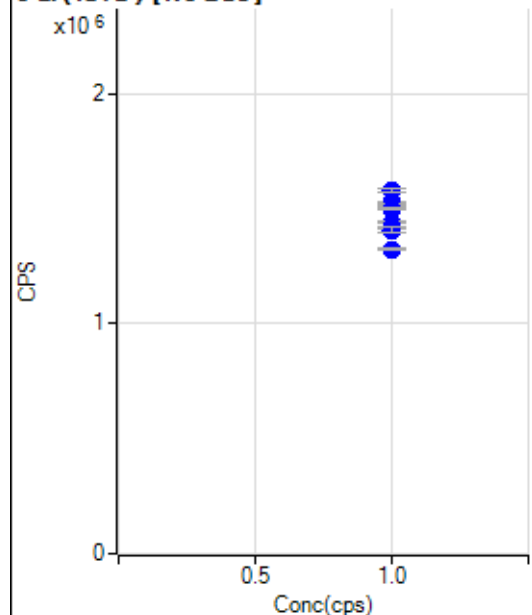
$$R = 0.9998$$

$$DL = 0$$

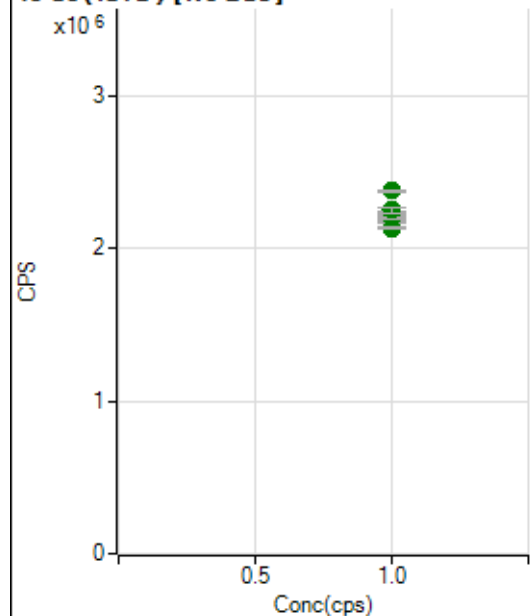
$$BEC = 0$$

Weight: <None>

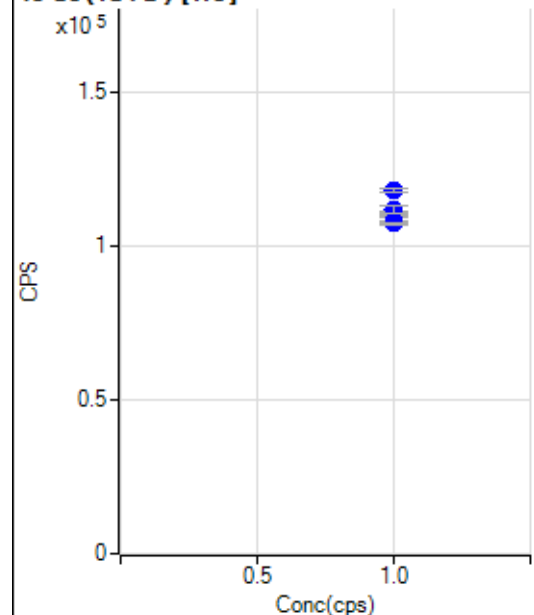
Min Conc: 0

6 Li (ISTD) [No Gas]

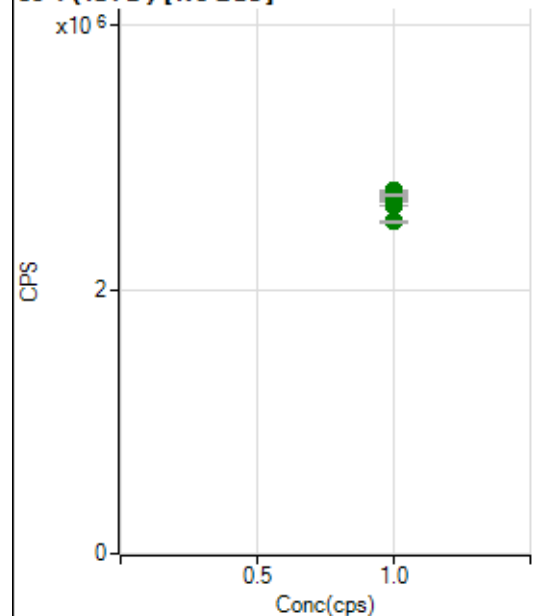
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1575986.47		P	1.0
2	☐	1.000					
3	☐	1.000		1526012.82		P	0.4
4	☐	1.000		1518349.34		P	0.3
5	☐	1.000		1497066.62		P	0.5
6	☐	1.000		1440839.13		P	0.5
7	☐	1.000		1418490.81		P	0.5
8	☐	1.000		1406654.07		P	1.5
9	☐	1.000		1323908.71		P	0.9

45 Sc (ISTD) [No Gas]

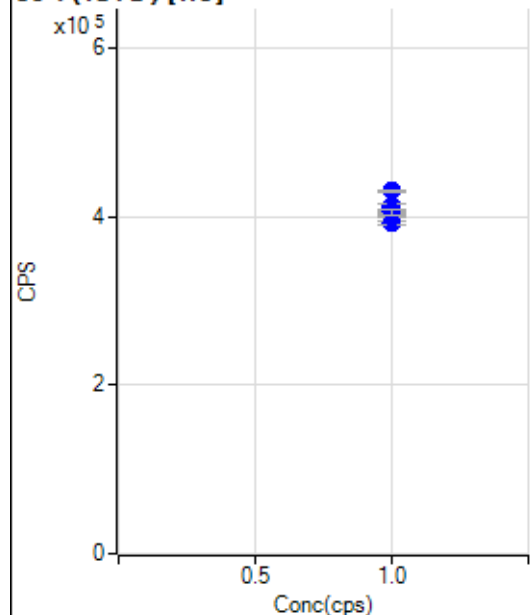
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2378027.25		A	0.6
2	☐	1.000					
3	☐	1.000		2214089.03		A	0.6
4	☐	1.000		2225000.48		A	0.2
5	☐	1.000		2234667.15		A	1.2
6	☐	1.000		2175717.80		A	0.8
7	☐	1.000		2202488.81		A	0.4
8	☐	1.000		2252435.14		A	1.6
9	☐	1.000		2134006.52		A	0.5

45 Sc (ISTD) [He]

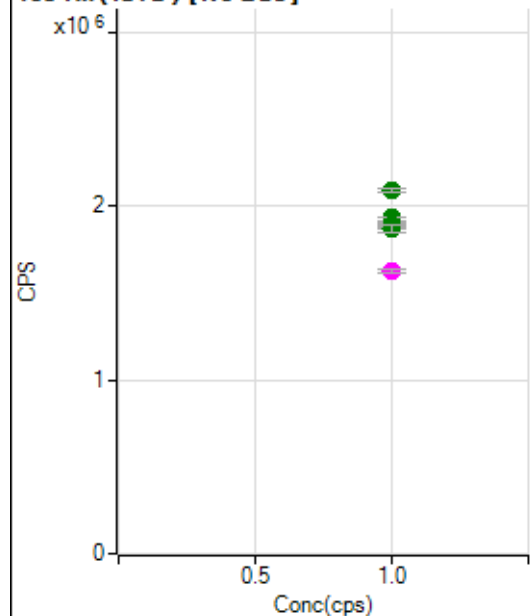
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		110221.46		P	0.6
2	☐	1.000					
3	☐	1.000		107924.83		P	0.6
4	☐	1.000		109946.32		P	0.5
5	☐	1.000		109648.65		P	1.0
6	☐	1.000		107215.40		P	0.3
7	☐	1.000		110464.29		P	1.2
8	☐	1.000		117801.35		P	1.1
9	☐	1.000		111823.72		P	2.3

89 Y (ISTD) [No Gas]

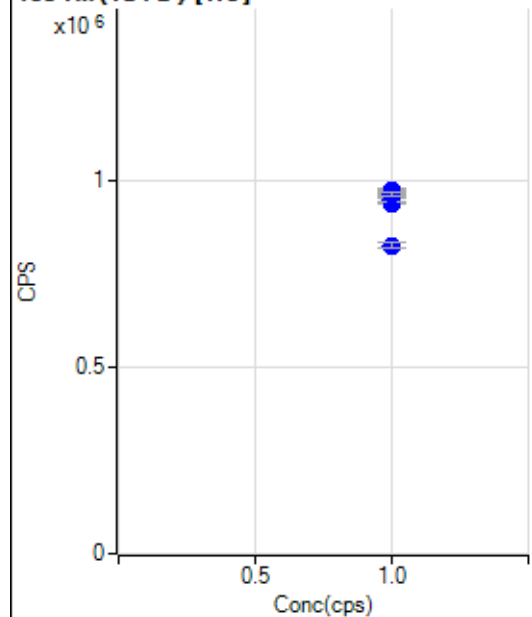
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2747961.14		A	0.3
2	☐	1.000					
3	☐	1.000		2637799.32		A	0.3
4	☐	1.000		2689769.30		A	0.4
5	☐	1.000		2707690.31		A	0.4
6	☐	1.000		2670980.62		A	0.4
7	☐	1.000		2700520.31		A	0.7
8	☐	1.000		2720313.12		A	0.8
9	☐	1.000		2512521.02		A	0.9

89 Y(ISTD) [He]

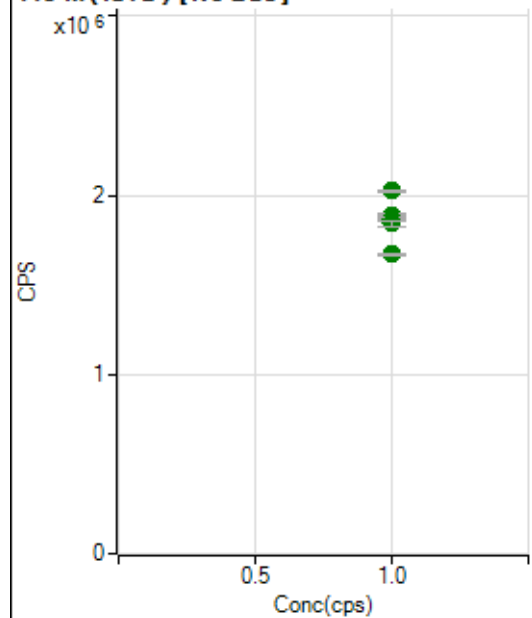
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		406859.40		P	1.0
2	☐	1.000					
3	☐	1.000		393167.01		P	1.0
4	☐	1.000		403725.96		P	0.7
5	☐	1.000		410340.63		P	2.0
6	☐	1.000		400475.07		P	0.4
7	☐	1.000		412734.33		P	1.8
8	☐	1.000		430705.69		P	0.9
9	☐	1.000		405248.82		P	1.8

103 Rh(ISTD) [No Gas]

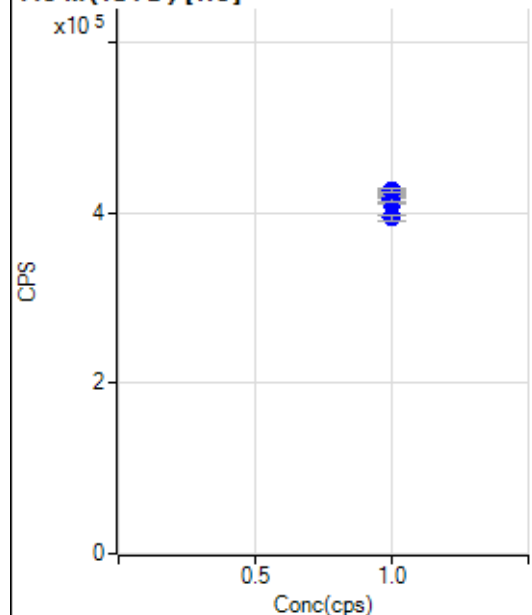
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2087038.89		A	0.9
2	☐	1.000					
3	☐	1.000		1912317.03		A	0.5
4	☐	1.000		1933332.10		A	0.2
5	☐	1.000		1936830.55		A	0.3
6	☐	1.000		1889863.43		A	0.4
7	☐	1.000		1870030.88		A	0.5
8	☐	1.000		1868333.11		A	1.9
9	☐	1.000		1624737.99		M	1.1

103 Rh (ISTD) [He]

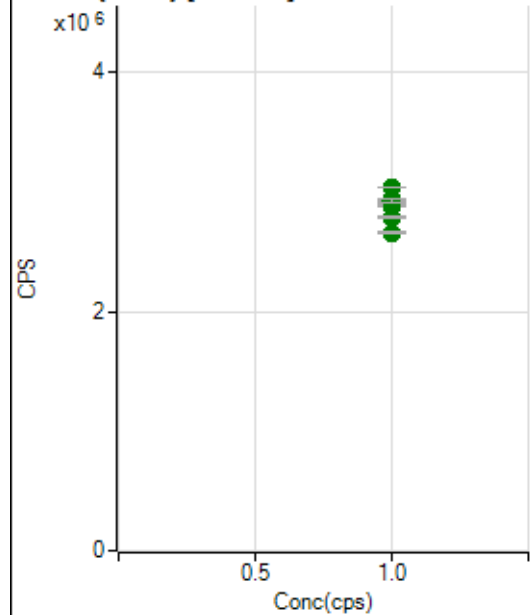
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		972810.46		P	1.1
2	☐	1.000					
3	☐	1.000		956107.87		P	0.6
4	☐	1.000		963979.81		P	0.5
5	☐	1.000		967771.53		P	1.0
6	☐	1.000		937645.58		P	0.2
7	☐	1.000		948698.90		P	1.4
8	☐	1.000		966313.77		P	1.0
9	☐	1.000		827514.23		P	1.6

115 In (ISTD) [No Gas]

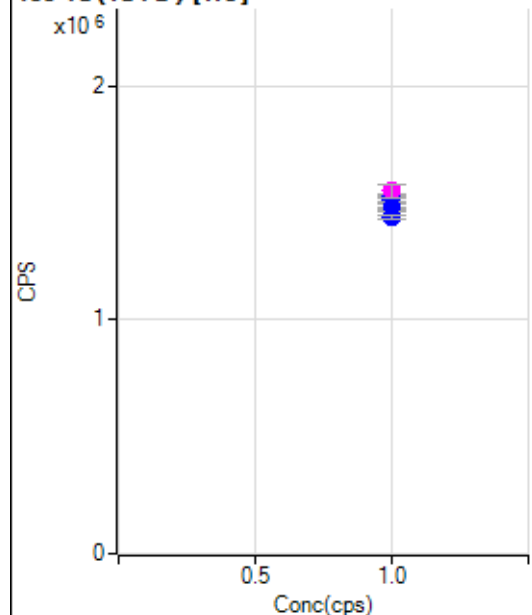
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2024284.12		A	0.4
2	☐	1.000					
3	☐	1.000		1863170.74		A	0.7
4	☐	1.000		1890229.03		A	0.5
5	☐	1.000		1892809.44		A	0.8
6	☐	1.000		1866583.69		A	0.4
7	☐	1.000		1869071.98		A	0.9
8	☐	1.000		1840917.04		A	1.5
9	☐	1.000		1670777.60		A	0.6

115 In (ISTD) [He]

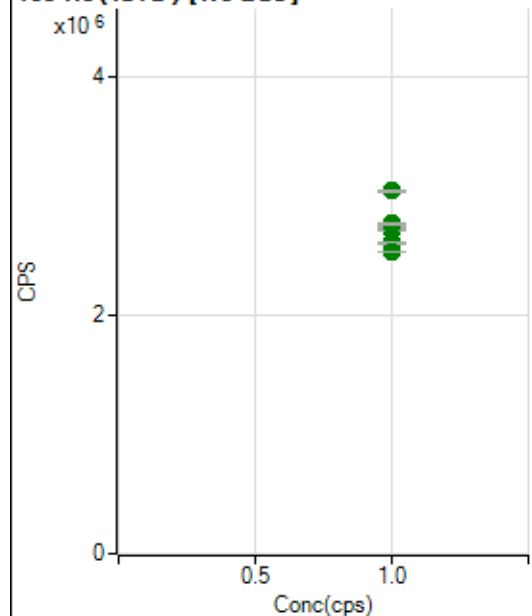
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		423606.62		P	1.2
2	☐	1.000					
3	☐	1.000		415608.71		P	0.8
4	☐	1.000		419453.48		P	0.4
5	☐	1.000		423497.12		P	0.8
6	☐	1.000		411926.81		P	0.3
7	☐	1.000		417090.29		P	1.6
8	☐	1.000		425940.71		P	0.9
9	☐	1.000		394742.16		P	1.9

159 Tb (ISTD) [No Gas]

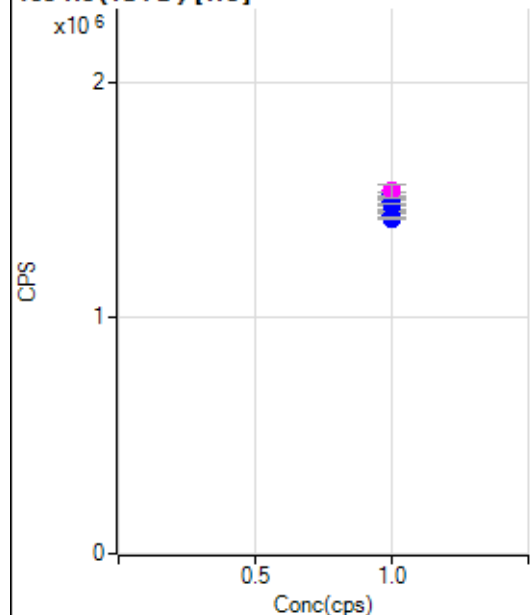
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3034127.32		A	0.2
2	☐	1.000					
3	☐	1.000		2788622.18		A	0.7
4	☐	1.000		2894658.67		A	0.5
5	☐	1.000		2936067.21		A	0.9
6	☐	1.000		2883040.10		A	0.2
7	☐	1.000		2913694.75		A	0.8
8	☐	1.000		2926206.90		A	1.1
9	☐	1.000		2660783.57		A	0.9

159 Tb (ISTD) [He]

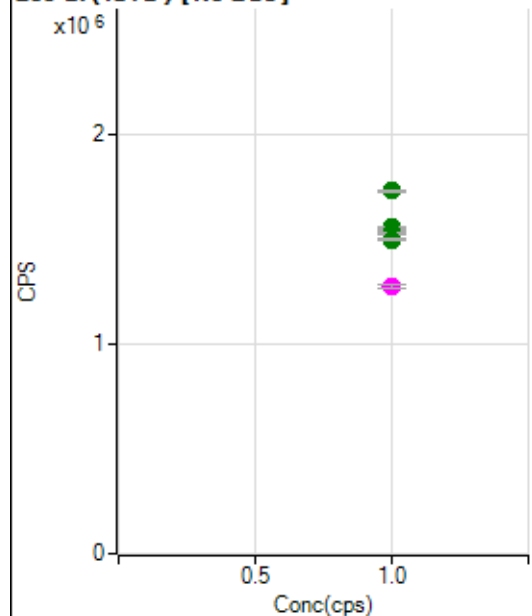
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1478844.11		P	0.6
2	☐	1.000					
3	☐	1.000		1465560.64		P	0.5
4	☐	1.000		1497066.21		P	0.1
5	☐	1.000		1517254.09		P	1.3
6	☐	1.000		1504551.78		P	0.2
7	☐	1.000		1533029.23		P	1.3
8	☐	1.000		1552649.07		M	3.4
9	☐	1.000		1441093.62		P	0.9

165 Ho (ISTD) [No Gas]

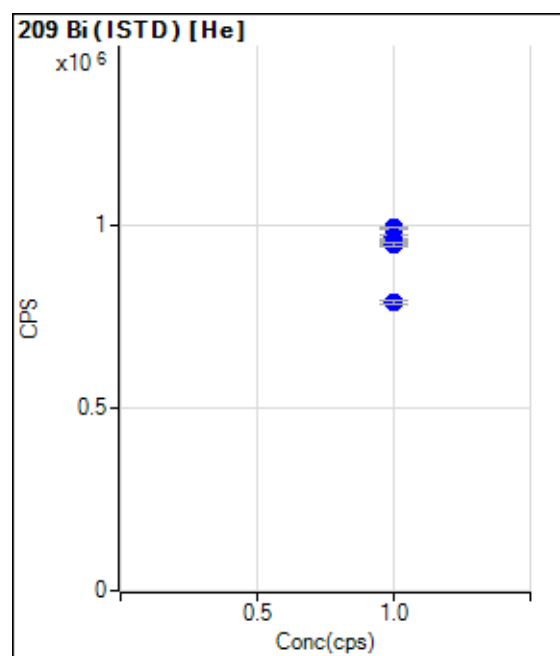
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3046753.50		A	0.8
2	☐	1.000					
3	☐	1.000		2612070.93		A	0.5
4	☐	1.000		2735631.07		A	0.6
5	☐	1.000		2766354.03		A	0.6
6	☐	1.000		2719825.91		A	0.3
7	☐	1.000		2766105.10		A	0.6
8	☐	1.000		2770104.08		A	0.8
9	☐	1.000		2536400.53		A	0.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1452282.44		P	1.1
2	☐	1.000					
3	☐	1.000		1438426.80		P	1.3
4	☐	1.000		1476379.13		P	0.6
5	☐	1.000		1492171.28		P	1.3
6	☐	1.000		1484564.65		P	0.3
7	☐	1.000		1525422.50		P	1.4
8	☐	1.000		1537802.43		M	3.4
9	☐	1.000		1420994.13		P	0.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1732581.48		A	0.3
2	☐	1.000					
3	☐	1.000		1546931.57		A	0.3
4	☐	1.000		1557428.26		A	0.2
5	☐	1.000		1560350.74		A	0.2
6	☐	1.000		1535950.32		A	0.3
7	☐	1.000		1529931.61		A	0.4
8	☐	1.000		1500797.20		A	1.1
9	☐	1.000		1280395.06		M	1.4



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		995077.98		P	0.6
2	☐	1.000					
3	☐	1.000		953599.19		P	1.1
4	☐	1.000		970848.53		P	0.6
5	☐	1.000		957905.36		P	0.6
6	☐	1.000		948899.81		P	0.8
7	☐	1.000		947417.27		P	0.9
8	☐	1.000		948570.75		P	1.3
9	☐	1.000		790147.86		P	1.1

US EPA Tune Check Sample Report

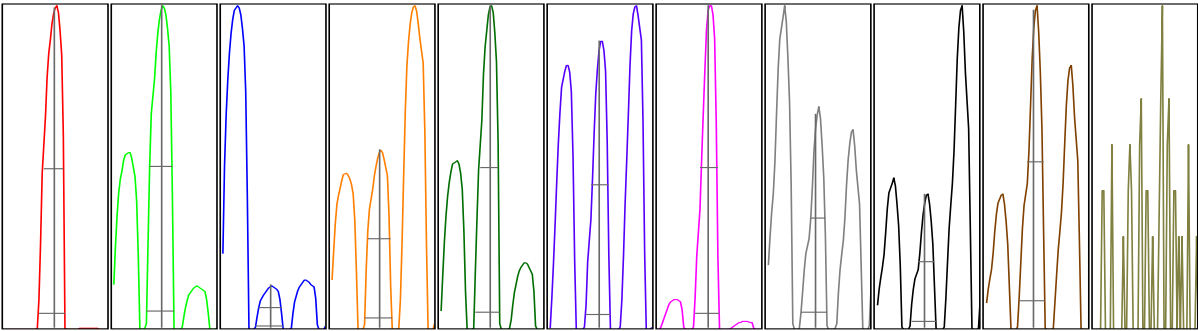
Batch Folder D:\ICP-MS Data\P7071719 MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	5944	0.50	5.00	
24	52384	1.06	5.00	
25	6966	1.05	5.00	
26	7882	1.23	5.00	
59	25401	1.62	5.00	
113	2417	1.10	5.00	
115	28817	1.31	5.00	
206	6666	0.93	5.00	
207	6192	1.25	5.00	
208	14498	1.26	5.00	
220	0	75.69		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	5906	5952	5926	5985	5952
24	51699	52104	52243	53091	52784
25	6871	6920	6966	7029	7046
26	7792	7800	7862	8022	7935
59	24925	25138	25307	25919	25717
113	2400	2401	2394	2444	2448
115	28383	28557	28734	29170	29240
206	6590	6652	6633	6744	6711
207	6113	6124	6180	6284	6258
208	14393	14327	14393	14619	14758
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	10264	9.00	8.9 - 9.1		0.769	0.900	
24	87293	23.95	23.9 - 24.1		0.785	0.900	
25	11623	24.95	24.9 - 25.1		0.785	0.900	
26	13334	25.95	25.9 - 26.1		0.781	0.900	
59	47279	59.00	58.9 - 59.1		0.733	0.900	
113	5122	113.00	112.9 - 113.1		0.713	0.900	
115	61550	115.00	114.9 - 115.1		0.716	0.900	
206	14259	205.95	205.9 - 206.1		0.739	0.900	
207	13130	206.95	206.9 - 207.1		0.729	0.900	
208	31166	207.95	207.9 - 208.1		0.739	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	8.2	V	Deflect	14.2	V
Extract 2	-135.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-60	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	170	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	6440	0.33	
89	9417	0.53	
205	5813	0.36	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	6460	6456	6431	6407	6449
89	9437	9407	9356	9397	9489
205	5833	5810	5784	5804	5832

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	7.8	V	Deflect	1.8	V
Extract 2	-155.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-80	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 : LB104022 Operator : Jaswal
 Lab Sample ID : S00 Instrumnet Name : P7
 Client Sample ID : S00 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 11:41:39 DataFile Name : 004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.41	0.05	-0.46	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.01	0.00	N/A	ppb
Arsenic	75-2	0.01	0.01	-0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.01	-0.01	0.00	N/A	ppb
Beryllium	9-1	0.00	0.01	-0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.19	0.17	0.02	0.00	N/A	ppb
Boron	11-1	-0.08	-0.04	0.12	0.00	N/A	ppb
Cadmium	111-1	0.06	-0.09	0.02	0.00	N/A	ppb
Cadmium	106-1	0.73	-1.06	0.33	0.00	N/A	ppb
Cadmium	108-1	-0.05	-0.05	0.10	0.00	N/A	ppb
Calcium	43-1	-1.98	2.19	-0.21	0.00	N/A	ppb
Calcium	44-1	-0.06	0.27	-0.21	0.00	N/A	ppb
Chromium	52-2	-0.01	-0.03	0.04	0.00	N/A	ppb
Cobalt	59-2	0.01	-0.01	0.00	0.00	N/A	ppb
Copper	63-2	-0.01	0.03	-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	0.24	-0.29	0.06	0.00	N/A	ppb
Iron	57-2	-1.59	0.06	1.53	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.01	-0.01	0.00	N/A	ppb
Lead	207-1	0.01	-0.01	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	-0.13	-0.13	0.26	0.00	N/A	ppb

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 11:41:39	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.02	-0.03	0.00	N/A	ppb
Molybdenum	95-1	0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.01	-0.01	0.00	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	0.02	-0.02	0.01	0.00	N/A	ppb
Phosphorus	31-2	-18.93	-28.25	-18.85	-22.01		ppb
Potassium	39-2	-2.95	4.23	-1.28	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.02	0.16	-0.18	0.00	N/A	ppb
Selenium	82-1	-0.17	0.14	0.02	0.00	N/A	ppb
Silicon	28-1	-0.06	0.16	-0.10	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	0.55	1.05	-1.60	0.00	N/A	ppb
Strontium	86-1	-0.01	-0.02	0.03	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-453.68	-260.95	-378.99	-364.54		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	0.00	0.01	0.00	N/A	ppb
Thallium	205-1	-0.01	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	0.02	-0.02	-0.01	0.00	N/A	ppb
Titanium	47-1	0.01	0.00	-0.01	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 :	LB104022	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 11:41:39	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.01	0.03	-0.04	0.00	N/A	ppb
Zirconium	90-1	-0.01	0.01	0.00	0.00	N/A	ppb
Zirconium	91-1	0.01	-0.02	0.01	0.00	N/A	ppb

LB Number : LB104022 Operator : Jaswal
 Lab Sample ID : S02 Instrumnet Name : P7
 Client Sample ID : S02 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 11:49:27 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.30	18.60	20.67	19.52	5.39	ppb
Antimony	121-1	2.00	1.80	1.86	1.89	5.36	ppb
Arsenic	75-2	0.98	1.10	0.91	1.00	9.46	ppb
Barium	135-1	10.01	10.33	11.03	10.46	4.99	ppb
Barium	137-1	10.43	10.50	9.94	10.29	2.96	ppb
Beryllium	9-1	0.99	1.00	1.03	1.00	2.20	ppb
Bismuth	209-1				89		%
Bismuth	209-2				96		%
Boron	10-1	22.41	24.96	23.67	23.68	5.39	ppb
Boron	11-1	22.54	23.83	23.32	23.23	2.79	ppb
Cadmium	111-1	1.00	1.11	1.08	1.06	5.30	ppb
Cadmium	106-1	1.10	1.87	2.88	1.95	45.95	ppb
Cadmium	108-1	0.71	1.21	1.40	1.11	32.28	ppb
Calcium	43-1	492.53	479.10	462.59	478.07	3.14	ppb
Calcium	44-1	485.27	474.88	476.22	478.79	1.18	ppb
Chromium	52-2	2.13	2.07	2.05	2.08	1.94	ppb
Cobalt	59-2	0.94	1.01	1.06	1.00	5.84	ppb
Copper	63-2	1.97	2.00	2.06	2.01	2.35	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				86		%
Holmium	165-2				99		%
Indium	115-1				92		%
Indium	115-2				98		%
Iron	56-2	59.98	58.60	57.68	58.75	1.98	ppb
Iron	57-2	59.29	67.38	61.76	62.81	6.60	ppb
Krypton	83-1						cps
Lead	206-1	1.01	0.93	0.95	0.96	4.22	ppb
Lead	207-1	0.95	0.78	0.94	0.89	10.63	ppb
Lead	208-1	0.96	0.92	0.94	0.94	2.00	ppb
Lithium	6-1				97		%
Magnesium	24-2	556.84	544.29	553.16	551.43	1.17	ppb

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 11:49:27	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.10	0.98	1.14	1.07	7.64	ppb
Molybdenum	94-1	3.86	4.41	4.01	4.10	6.99	ppb
Molybdenum	95-1	4.16	3.93	4.16	4.08	3.29	ppb
Molybdenum	96-1	4.08	4.05	3.95	4.03	1.75	ppb
Molybdenum	97-1	4.30	4.02	4.28	4.20	3.69	ppb
Molybdenum	98-1	3.97	4.09	3.84	3.97	3.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.05	1.02	0.99	1.02	2.90	ppb
Phosphorus	31-2	34.91	9.44	21.68	22.01	57.87	ppb
Potassium	39-2	506.39	506.64	487.49	500.17	2.20	ppb
Rhodium	103-1				92		%
Rhodium	103-2				98		%
Scandium	45-1				93		%
Scandium	45-2				98		%
Selenium	77-2	8.21	4.60	5.81	6.20	29.60	ppb
Selenium	78-2	6.31	7.10	7.76	7.06	10.32	ppb
Selenium	82-1	5.07	5.90	4.99	5.32	9.43	ppb
Silicon	28-1	11.01	10.40	10.10	10.50	4.43	ppb
Silver	109-1	1.12	1.07	1.08	1.09	2.45	ppb
Silver	107-1	1.14	1.08	1.16	1.13	4.01	ppb
Sodium	23-2	534.13	527.88	518.22	526.74	1.52	ppb
Strontium	86-1	1.03	0.93	0.90	0.95	6.87	ppb
Strontium	88-1	0.98	1.01	1.01	1.00	1.94	ppb
Sulfur	34-1	397.44	421.88	274.30	364.54	21.70	ppb
Terbium	159-1				92		%
Terbium	159-2				99		%
Thallium	203-1	0.82	0.92	0.92	0.89	6.65	ppb
Thallium	205-1	0.98	0.99	0.92	0.96	3.62	ppb
Thorium	232-1	0.82	0.81	0.79	0.81	1.43	ppb
Tin	118-1	5.31	5.19	5.03	5.18	2.79	ppb
Titanium	47-1	3.90	3.90	4.01	3.94	1.58	ppb
Uranium	238-1	0.90	0.85	0.88	0.87	3.06	ppb
Vanadium	51-2	5.31	5.32	5.38	5.34	0.75	ppb
Yttrium	89-1				96		%
Yttrium	89-2				97		%

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 11:49:27	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.86	2.10	2.02	1.99	6.19	ppb
Zirconium	90-1	0.94	0.90	0.92	0.92	1.95	ppb
Zirconium	91-1	0.91	0.80	0.85	0.85	6.93	ppb

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 11:53:32	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1053.25	1030.70	997.75	1027.23	2.72	ppb
Antimony	121-1	49.63	49.91	49.67	49.74	0.31	ppb
Arsenic	75-2	53.02	49.47	49.64	50.71	3.95	ppb
Barium	135-1	250.10	249.94	246.35	248.80	0.85	ppb
Barium	137-1	248.91	249.67	249.73	249.44	0.18	ppb
Beryllium	9-1	51.58	51.02	50.56	51.06	1.01	ppb
Bismuth	209-1				90		%
Bismuth	209-2				98		%
Boron	10-1	48.48	49.31	53.37	50.39	5.20	ppb
Boron	11-1	49.40	50.41	50.31	50.04	1.11	ppb
Cadmium	111-1	49.61	50.03	49.17	49.60	0.87	ppb
Cadmium	106-1	49.70	53.38	50.71	51.26	3.70	ppb
Cadmium	108-1	48.17	51.06	49.17	49.46	2.97	ppb
Calcium	43-1	4861.80	5035.40	5011.66	4969.62	1.89	ppb
Calcium	44-1	4926.89	4945.83	4896.29	4923.00	0.51	ppb
Chromium	52-2	53.67	53.48	51.07	52.74	2.75	ppb
Cobalt	59-2	54.34	53.88	52.83	53.68	1.44	ppb
Copper	63-2	107.39	107.72	104.25	106.45	1.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				102		%
Indium	115-1				93		%
Indium	115-2				99		%
Iron	56-2	2637.88	2636.92	2507.56	2594.12	2.89	ppb
Iron	57-2	2740.49	2726.94	2620.74	2696.05	2.43	ppb
Krypton	83-1						cps
Lead	206-1	51.01	50.31	50.92	50.75	0.74	ppb
Lead	207-1	51.02	50.54	50.72	50.76	0.48	ppb
Lead	208-1	50.48	50.11	50.17	50.25	0.39	ppb
Lithium	6-1				96		%
Magnesium	24-2	5428.63	5393.12	5249.16	5356.97	1.77	ppb

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 11:53:32	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	105.82	106.08	103.53	105.14	1.34	ppb
Molybdenum	94-1	240.44	245.14	241.08	242.22	1.05	ppb
Molybdenum	95-1	237.16	236.75	237.25	237.05	0.11	ppb
Molybdenum	96-1	233.83	234.50	232.67	233.67	0.40	ppb
Molybdenum	97-1	235.40	237.65	237.00	236.68	0.49	ppb
Molybdenum	98-1	233.01	234.56	234.22	233.93	0.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.30	55.24	51.89	53.48	3.15	ppb
Phosphorus	31-2	1157.97	1048.61	981.74	1062.77	8.37	ppb
Potassium	39-2	2527.68	2551.16	2510.26	2529.70	0.81	ppb
Rhodium	103-1				93		%
Rhodium	103-2				99		%
Scandium	45-1				94		%
Scandium	45-2				100		%
Selenium	77-2	64.67	60.57	61.37	62.20	3.49	ppb
Selenium	78-2	51.53	61.69	50.67	54.63	11.23	ppb
Selenium	82-1	48.86	50.34	51.35	50.18	2.50	ppb
Silicon	28-1	49.64	50.43	50.12	50.06	0.80	ppb
Silver	109-1	50.85	51.00	50.05	50.63	1.01	ppb
Silver	107-1	50.45	49.95	50.51	50.31	0.61	ppb
Sodium	23-2	5299.83	5283.70	5203.61	5262.38	0.98	ppb
Strontium	86-1	50.10	51.10	50.19	50.46	1.09	ppb
Strontium	88-1	50.51	50.17	50.42	50.37	0.36	ppb
Sulfur	34-1	1424.07	1243.01	1158.09	1275.06	10.65	ppb
Terbium	159-1				95		%
Terbium	159-2				101		%
Thallium	203-1	47.85	46.60	47.58	47.35	1.39	ppb
Thallium	205-1	49.04	48.82	48.79	48.89	0.28	ppb
Thorium	232-1	46.30	47.03	46.35	46.56	0.88	ppb
Tin	118-1	49.49	50.23	48.92	49.55	1.32	ppb
Titanium	47-1	238.50	237.86	237.50	237.95	0.21	ppb
Uranium	238-1	47.55	47.90	47.47	47.64	0.49	ppb
Vanadium	51-2	51.69	51.78	50.12	51.20	1.83	ppb
Yttrium	89-1				98		%
Yttrium	89-2				99		%

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 11:53:32	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	104.95	103.64	98.99	102.53	3.06	ppb
Zirconium	90-1	49.56	49.88	48.14	49.19	1.88	ppb
Zirconium	91-1	50.99	50.55	50.76	50.77	0.43	ppb

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 11:57:38	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2507.24	2512.35	2516.47	2512.02	0.18	ppb
Antimony	121-1	126.09	126.41	126.46	126.32	0.16	ppb
Arsenic	75-2	128.49	125.55	120.81	124.95	3.10	ppb
Barium	135-1	620.64	622.84	625.18	622.89	0.36	ppb
Barium	137-1	617.86	622.91	624.67	621.81	0.57	ppb
Beryllium	9-1	127.50	127.36	127.67	127.51	0.12	ppb
Bismuth	209-1				90		%
Bismuth	209-2				96		%
Boron	10-1	122.58	122.89	131.39	125.62	3.98	ppb
Boron	11-1	121.51	125.26	127.06	124.61	2.27	ppb
Cadmium	111-1	121.05	122.09	122.12	121.75	0.50	ppb
Cadmium	106-1	123.69	119.87	126.20	123.25	2.59	ppb
Cadmium	108-1	128.01	125.06	120.40	124.49	3.08	ppb
Calcium	43-1	12508.01	12422.18	12597.42	12509.21	0.70	ppb
Calcium	44-1	12220.33	12088.10	12238.69	12182.37	0.67	ppb
Chromium	52-2	132.74	131.80	132.92	132.49	0.45	ppb
Cobalt	59-2	135.74	132.97	133.29	134.00	1.13	ppb
Copper	63-2	266.08	266.08	266.62	266.26	0.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				103		%
Indium	115-1				94		%
Indium	115-2				100		%
Iron	56-2	6551.73	6436.44	6435.82	6474.66	1.03	ppb
Iron	57-2	6699.14	6755.31	6761.02	6738.49	0.51	ppb
Krypton	83-1						cps
Lead	206-1	127.40	126.95	125.73	126.70	0.68	ppb
Lead	207-1	126.44	128.16	128.05	127.55	0.75	ppb
Lead	208-1	126.06	126.60	126.05	126.24	0.25	ppb
Lithium	6-1				95		%
Magnesium	24-2	13010.70	12961.92	12944.19	12972.27	0.27	ppb

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 11:57:38	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	263.31	263.56	264.44	263.77	0.22	ppb
Molybdenum	94-1	599.15	597.08	594.30	596.84	0.41	ppb
Molybdenum	95-1	594.99	588.55	586.82	590.12	0.73	ppb
Molybdenum	96-1	582.41	584.84	579.76	582.34	0.44	ppb
Molybdenum	97-1	602.96	597.61	588.56	596.37	1.22	ppb
Molybdenum	98-1	583.22	584.47	574.18	580.63	0.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	133.00	132.03	133.63	132.88	0.61	ppb
Phosphorus	31-2	2749.87	2717.93	2477.04	2648.28	5.63	ppb
Potassium	39-2	6264.31	6303.70	6323.83	6297.28	0.48	ppb
Rhodium	103-1				93		%
Rhodium	103-2				99		%
Scandium	45-1				94		%
Scandium	45-2				99		%
Selenium	77-2	135.19	111.42	107.19	117.93	12.80	ppb
Selenium	78-2	125.73	131.49	126.97	128.07	2.37	ppb
Selenium	82-1	125.13	126.33	128.92	126.79	1.53	ppb
Silicon	28-1	117.67	116.34	119.23	117.75	1.23	ppb
Silver	109-1	123.71	124.84	124.81	124.45	0.52	ppb
Silver	107-1	124.21	124.67	127.22	125.36	1.29	ppb
Sodium	23-2	12711.06	12759.63	12638.20	12702.97	0.48	ppb
Strontium	86-1	125.65	126.29	127.48	126.47	0.73	ppb
Strontium	88-1	125.55	126.43	125.04	125.67	0.56	ppb
Sulfur	34-1	2877.06	2539.51	2787.95	2734.84	6.40	ppb
Terbium	159-1				97		%
Terbium	159-2				103		%
Thallium	203-1	121.69	123.73	122.72	122.71	0.83	ppb
Thallium	205-1	123.21	123.65	123.24	123.37	0.20	ppb
Thorium	232-1	118.13	119.23	117.90	118.42	0.60	ppb
Tin	118-1	123.86	125.40	124.90	124.72	0.63	ppb
Titanium	47-1	595.32	590.37	593.80	593.16	0.43	ppb
Uranium	238-1	118.85	119.51	118.41	118.92	0.47	ppb
Vanadium	51-2	129.78	127.49	128.36	128.54	0.90	ppb
Yttrium	89-1				99		%
Yttrium	89-2				101		%

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 11:57:38	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	253.08	252.18	252.86	252.71	0.18	ppb
Zirconium	90-1	124.08	122.56	123.62	123.42	0.63	ppb
Zirconium	91-1	128.30	128.63	127.98	128.30	0.26	ppb

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 12:01:42	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4960.55	4956.20	4900.77	4939.18	0.67	ppb
Antimony	121-1	254.22	251.41	250.60	252.08	0.75	ppb
Arsenic	75-2	247.71	254.94	250.13	250.93	1.47	ppb
Barium	135-1	1254.27	1252.19	1246.42	1250.96	0.33	ppb
Barium	137-1	1249.04	1237.28	1248.01	1244.78	0.52	ppb
Beryllium	9-1	253.36	253.44	248.54	251.78	1.11	ppb
Bismuth	209-1				89		%
Bismuth	209-2				95		%
Boron	10-1	256.04	252.59	247.60	252.08	1.68	ppb
Boron	11-1	245.94	244.73	251.49	247.39	1.46	ppb
Cadmium	111-1	246.82	244.65	240.87	244.11	1.23	ppb
Cadmium	106-1	243.34	245.69	244.83	244.62	0.49	ppb
Cadmium	108-1	252.45	248.85	249.64	250.31	0.76	ppb
Calcium	43-1	24542.38	25052.07	24870.17	24821.54	1.04	ppb
Calcium	44-1	24308.52	24572.74	24280.82	24387.36	0.66	ppb
Chromium	52-2	260.09	263.79	261.80	261.89	0.71	ppb
Cobalt	59-2	262.06	266.48	266.48	265.01	0.96	ppb
Copper	63-2	523.58	530.29	525.34	526.40	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				89		%
Holmium	165-2				102		%
Indium	115-1				92		%
Indium	115-2				97		%
Iron	56-2	12923.14	12984.78	12986.89	12964.94	0.28	ppb
Iron	57-2	13398.18	13625.19	13588.91	13537.43	0.90	ppb
Krypton	83-1						cps
Lead	206-1	253.03	254.62	253.74	253.80	0.31	ppb
Lead	207-1	254.95	254.26	255.37	254.86	0.22	ppb
Lead	208-1	252.91	252.86	253.62	253.13	0.17	ppb
Lithium	6-1				91		%
Magnesium	24-2	25699.13	26037.74	25549.68	25762.18	0.97	ppb

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 12:01:42	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	520.60	528.16	529.60	526.12	0.92	ppb
Molybdenum	94-1	1172.41	1188.85	1176.44	1179.23	0.73	ppb
Molybdenum	95-1	1164.89	1156.57	1153.83	1158.43	0.50	ppb
Molybdenum	96-1	1162.33	1168.97	1159.58	1163.63	0.41	ppb
Molybdenum	97-1	1144.85	1141.66	1139.45	1141.99	0.24	ppb
Molybdenum	98-1	1160.09	1170.93	1159.11	1163.38	0.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	264.79	271.48	267.89	268.05	1.25	ppb
Phosphorus	31-2	5021.58	5069.04	5069.84	5053.48	0.55	ppb
Potassium	39-2	12220.10	12392.90	12398.31	12337.10	0.82	ppb
Rhodium	103-1				91		%
Rhodium	103-2				96		%
Scandium	45-1				91		%
Scandium	45-2				97		%
Selenium	77-2	251.43	253.73	258.71	254.62	1.46	ppb
Selenium	78-2	249.02	253.39	243.18	248.53	2.06	ppb
Selenium	82-1	254.78	252.05	250.77	252.53	0.81	ppb
Silicon	28-1	228.24	232.44	229.15	229.94	0.96	ppb
Silver	109-1	247.19	246.08	242.85	245.37	0.92	ppb
Silver	107-1	248.77	247.11	245.05	246.98	0.76	ppb
Sodium	23-2	25253.88	25470.79	25175.49	25300.05	0.60	ppb
Strontium	86-1	248.99	253.39	251.90	251.42	0.89	ppb
Strontium	88-1	244.89	247.71	244.85	245.82	0.67	ppb
Sulfur	34-1	5160.62	5117.24	4778.86	5018.91	4.16	ppb
Terbium	159-1				95		%
Terbium	159-2				102		%
Thallium	203-1	243.47	244.38	245.75	244.54	0.47	ppb
Thallium	205-1	244.85	247.82	247.73	246.80	0.68	ppb
Thorium	232-1	237.43	239.86	239.58	238.96	0.56	ppb
Tin	118-1	250.89	249.04	247.59	249.17	0.67	ppb
Titanium	47-1	1183.16	1183.46	1179.78	1182.14	0.17	ppb
Uranium	238-1	237.52	239.78	241.66	239.66	0.86	ppb
Vanadium	51-2	258.29	259.49	257.33	258.37	0.42	ppb
Yttrium	89-1				97		%
Yttrium	89-2				98		%

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 12:01:42	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	507.24	506.39	500.29	504.64	0.75	ppb
Zirconium	90-1	241.60	243.90	243.57	243.02	0.51	ppb
Zirconium	91-1	253.29	257.39	255.89	255.52	0.81	ppb

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 12:05:43	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9481.42	9622.25	9591.24	9564.97	0.77	ppb
Antimony	121-1	491.74	496.60	497.39	495.24	0.62	ppb
Arsenic	75-2	504.87	496.81	499.15	500.28	0.83	ppb
Barium	135-1	2447.66	2491.92	2467.82	2469.13	0.90	ppb
Barium	137-1	2445.51	2477.79	2443.44	2455.58	0.78	ppb
Beryllium	9-1	495.69	497.81	501.13	498.21	0.55	ppb
Bismuth	209-1				88		%
Bismuth	209-2				95		%
Boron	10-1	489.16	493.88	505.05	496.03	1.64	ppb
Boron	11-1	484.10	496.34	498.99	493.15	1.61	ppb
Cadmium	111-1	482.33	483.02	479.33	481.56	0.41	ppb
Cadmium	106-1	482.65	483.22	468.63	478.16	1.73	ppb
Cadmium	108-1	497.04	484.77	469.27	483.69	2.88	ppb
Calcium	43-1	49000.30	48910.71	48996.39	48969.13	0.10	ppb
Calcium	44-1	48209.35	48265.32	48654.13	48376.27	0.50	ppb
Chromium	52-2	510.83	514.33	517.22	514.12	0.62	ppb
Cobalt	59-2	518.93	517.00	523.04	519.66	0.59	ppb
Copper	63-2	1026.41	1015.97	1031.29	1024.56	0.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				105		%
Indium	115-1				92		%
Indium	115-2				98		%
Iron	56-2	25655.02	25426.74	25505.36	25529.04	0.45	ppb
Iron	57-2	26393.07	26532.30	26473.88	26466.42	0.26	ppb
Krypton	83-1						cps
Lead	206-1	496.08	493.34	496.38	495.26	0.34	ppb
Lead	207-1	501.29	507.07	510.87	506.41	0.95	ppb
Lead	208-1	490.83	492.89	497.86	493.86	0.73	ppb
Lithium	6-1				90		%
Magnesium	24-2	50607.35	50057.66	50159.31	50274.77	0.58	ppb

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 12:05:43	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1027.12	1028.53	1024.27	1026.64	0.21	ppb
Molybdenum	94-1	2339.50	2331.73	2333.70	2334.98	0.17	ppb
Molybdenum	95-1	2314.51	2323.59	2299.36	2312.49	0.53	ppb
Molybdenum	96-1	2298.60	2329.22	2298.27	2308.70	0.77	ppb
Molybdenum	97-1	2300.84	2320.46	2302.98	2308.09	0.47	ppb
Molybdenum	98-1	2313.22	2312.33	2300.21	2308.59	0.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	517.83	514.54	522.24	518.21	0.75	ppb
Phosphorus	31-2	9801.84	10141.09	10157.62	10033.52	2.00	ppb
Potassium	39-2	24037.05	23946.30	24029.22	24004.19	0.21	ppb
Rhodium	103-1				90		%
Rhodium	103-2				98		%
Scandium	45-1				93		%
Scandium	45-2				100		%
Selenium	77-2	519.40	496.10	529.96	515.15	3.36	ppb
Selenium	78-2	515.43	493.87	505.06	504.79	2.14	ppb
Selenium	82-1	493.71	496.18	492.13	494.01	0.41	ppb
Silicon	28-1	608.44	646.37	648.16	634.32	3.54	ppb
Silver	109-1	483.76	481.59	471.32	478.89	1.39	ppb
Silver	107-1	475.68	475.17	467.10	472.65	1.02	ppb
Sodium	23-2	49972.94	49244.33	49549.28	49588.85	0.74	ppb
Strontium	86-1	502.04	494.56	494.70	497.10	0.86	ppb
Strontium	88-1	490.44	492.66	493.88	492.32	0.35	ppb
Sulfur	34-1	9935.42	9808.08	9594.71	9779.41	1.76	ppb
Terbium	159-1				96		%
Terbium	159-2				104		%
Thallium	203-1	491.17	495.23	497.58	494.66	0.66	ppb
Thallium	205-1	489.41	485.73	489.47	488.21	0.44	ppb
Thorium	232-1	484.17	481.93	482.53	482.88	0.24	ppb
Tin	118-1	487.74	496.38	494.04	492.72	0.91	ppb
Titanium	47-1	2281.49	2289.70	2290.23	2287.14	0.21	ppb
Uranium	238-1	484.20	482.82	486.06	484.36	0.34	ppb
Vanadium	51-2	509.71	511.94	511.87	511.17	0.25	ppb
Yttrium	89-1				98		%
Yttrium	89-2				101		%

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 12:05:43	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1037.54	1020.65	1029.18	1029.13	0.82	ppb
Zirconium	90-1	491.43	490.52	486.22	489.39	0.57	ppb
Zirconium	91-1	501.01	491.90	492.51	495.14	1.03	ppb

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 12:09:43	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18508.75	18646.85	18528.96	18561.52	0.40	ppb
Antimony	121-1	993.54	1005.05	1006.54	1001.71	0.71	ppb
Arsenic	75-2	998.36	1003.80	996.65	999.60	0.37	ppb
Barium	135-1	4924.28	5047.17	5075.10	5015.52	1.60	ppb
Barium	137-1	4960.79	5073.91	5037.13	5023.94	1.15	ppb
Beryllium	9-1	980.26	1011.80	1008.19	1000.08	1.73	ppb
Bismuth	209-1				87		%
Bismuth	209-2				95		%
Boron	10-1	965.79	1009.16	1029.26	1001.40	3.24	ppb
Boron	11-1	974.58	1010.07	1027.87	1004.17	2.70	ppb
Cadmium	111-1	997.75	1025.38	1010.23	1011.12	1.37	ppb
Cadmium	106-1	1008.93	1020.61	1007.71	1012.42	0.70	ppb
Cadmium	108-1	980.79	1016.32	1027.39	1008.17	2.41	ppb
Calcium	43-1	95401.64	98055.39	98889.73	97448.92	1.87	ppb
Calcium	44-1	96312.86	99200.65	99699.31	98404.27	1.86	ppb
Chromium	52-2	989.88	981.22	995.57	988.89	0.73	ppb
Cobalt	59-2	984.71	977.52	993.10	985.11	0.79	ppb
Copper	63-2	1999.80	1959.83	1976.67	1978.77	1.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				106		%
Indium	115-1				91		%
Indium	115-2				101		%
Iron	56-2	49656.73	48608.64	49162.69	49142.69	1.07	ppb
Iron	57-2	52188.68	50550.16	51053.73	51264.19	1.64	ppb
Krypton	83-1						cps
Lead	206-1	988.18	1010.08	1005.25	1001.17	1.15	ppb
Lead	207-1	975.45	1013.82	996.40	995.22	1.93	ppb
Lead	208-1	983.44	1014.42	1008.51	1002.12	1.64	ppb
Lithium	6-1				89		%
Magnesium	24-2	98560.39	97910.38	96562.32	97677.70	1.04	ppb

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 12:09:43	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1971.90	1972.51	1990.10	1978.17	0.52	ppb
Molybdenum	94-1	5098.20	5133.48	5080.66	5104.11	0.53	ppb
Molybdenum	95-1	5082.07	5166.55	5116.35	5121.66	0.83	ppb
Molybdenum	96-1	5086.54	5141.68	5141.98	5123.40	0.62	ppb
Molybdenum	97-1	5087.11	5160.01	5134.48	5127.20	0.72	ppb
Molybdenum	98-1	5036.72	5217.69	5116.73	5123.71	1.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	982.34	981.09	992.24	985.22	0.62	ppb
Phosphorus	31-2	19593.97	20138.27	20112.35	19948.20	1.54	ppb
Potassium	39-2	47463.17	47083.62	46964.30	47170.36	0.55	ppb
Rhodium	103-1				90		%
Rhodium	103-2				99		%
Scandium	45-1				95		%
Scandium	45-2				107		%
Selenium	77-2	979.93	998.52	996.16	991.53	1.02	ppb
Selenium	78-2	1005.15	1002.39	984.50	997.35	1.12	ppb
Selenium	82-1	988.10	1010.19	1008.10	1002.13	1.22	ppb
Silicon	28-1	910.53	948.60	957.12	938.75	2.64	ppb
Silver	109-1	996.77	1022.63	1015.84	1011.75	1.33	ppb
Silver	107-1	994.11	1021.74	1027.26	1014.37	1.75	ppb
Sodium	23-2	97548.27	96098.71	96015.31	96554.10	0.89	ppb
Strontium	86-1	990.63	1002.25	1009.78	1000.89	0.96	ppb
Strontium	88-1	995.07	1013.40	1005.87	1004.78	0.92	ppb
Sulfur	34-1	19256.16	20533.97	20397.26	20062.46	3.50	ppb
Terbium	159-1				96		%
Terbium	159-2				105		%
Thallium	203-1	985.42	1014.68	1013.26	1004.45	1.64	ppb
Thallium	205-1	983.11	1020.07	1017.69	1006.96	2.05	ppb
Thorium	232-1	995.59	1013.52	1027.84	1012.32	1.60	ppb
Tin	118-1	995.20	1005.96	1010.55	1003.90	0.78	ppb
Titanium	47-1	5033.13	5202.72	5148.08	5127.98	1.69	ppb
Uranium	238-1	998.73	1011.61	1023.51	1011.28	1.23	ppb
Vanadium	51-2	991.33	986.81	997.32	991.82	0.53	ppb
Yttrium	89-1				99		%
Yttrium	89-2				106		%

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 12:09:43	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1990.41	1960.77	2000.25	1983.81	1.04	ppb
Zirconium	90-1	996.56	1010.51	1014.80	1007.29	0.95	ppb
Zirconium	91-1	991.49	1006.82	1003.49	1000.60	0.81	ppb

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 12:13:39	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	102642.53	98749.58	99608.89	100333.67	2.04	ppb
Antimony	121-1	1.46	1.58	1.49	1.51	3.96	ppb
Arsenic	75-2	1.49	1.49	1.53	1.50	1.57	ppb
Barium	135-1	0.74	0.64	0.64	0.67	8.45	ppb
Barium	137-1	0.78	0.80	0.64	0.74	11.71	ppb
Beryllium	9-1	0.12	0.12	0.13	0.12	4.65	ppb
Bismuth	209-1				74		%
Bismuth	209-2				79		%
Boron	10-1	50.47	47.70	42.53	46.90	8.59	ppb
Boron	11-1	50.09	47.52	43.80	47.14	6.71	ppb
Cadmium	111-1	0.27	0.37	0.15	0.26	43.63	ppb
Cadmium	106-1	1.85	2.32	0.40	1.53	65.48	ppb
Cadmium	108-1	0.31	0.21	0.30	0.27	18.93	ppb
Calcium	43-1	502380.54	501607.96	497878.47	500622.32	0.48	ppb
Calcium	44-1	501964.75	500141.26	499456.64	500520.88	0.26	ppb
Chromium	52-2	17.73	17.25	17.17	17.38	1.77	ppb
Cobalt	59-2	12.74	12.08	12.56	12.46	2.73	ppb
Copper	63-2	2.66	2.80	2.90	2.79	4.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				83		%
Holmium	165-2				98		%
Indium	115-1				83		%
Indium	115-2				93		%
Iron	56-2	255994.93	247276.95	246994.37	250088.75	2.05	ppb
Iron	57-2	255346.28	245841.25	247415.89	249534.47	2.04	ppb
Krypton	83-1						cps
Lead	206-1	0.97	0.97	0.93	0.96	2.17	ppb
Lead	207-1	0.95	0.84	0.93	0.90	6.53	ppb
Lead	208-1	0.93	0.91	0.94	0.93	1.80	ppb
Lithium	6-1				84		%
Magnesium	24-2	510586.98	492639.54	497923.82	500383.45	1.84	ppb

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 12:13:39	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6.03	5.90	6.17	6.03	2.23	ppb
Molybdenum	94-1	2.43	2.43	2.28	2.38	3.61	ppb
Molybdenum	95-1	3.17	2.89	2.73	2.93	7.53	ppb
Molybdenum	96-1	4.47	3.92	3.93	4.11	7.69	ppb
Molybdenum	97-1	2.94	2.78	2.90	2.87	2.92	ppb
Molybdenum	98-1	2.92	2.62	2.76	2.77	5.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.93	18.41	19.14	19.16	3.97	ppb
Phosphorus	31-2	-24.81	-19.80	-4.83	-16.48		ppb
Potassium	39-2	255667.90	246700.96	249647.66	250672.17	1.82	ppb
Rhodium	103-1				78		%
Rhodium	103-2				85		%
Scandium	45-1				90		%
Scandium	45-2				101		%
Selenium	77-2	0.00	0.00	1.11	0.37	173.21	ppb
Selenium	78-2	0.24	0.56	1.08	0.63	67.68	ppb
Selenium	82-1	1.52	1.11	1.73	1.46	21.71	ppb
Silicon	28-1	23.76	21.92	22.06	22.58	4.53	ppb
Silver	109-1	0.06	0.06	0.07	0.06	2.20	ppb
Silver	107-1	0.10	0.06	0.08	0.08	22.48	ppb
Sodium	23-2	513192.45	492422.06	496508.19	500707.57	2.20	ppb
Strontium	86-1	4.44	4.17	4.22	4.28	3.37	ppb
Strontium	88-1	4.49	4.42	4.31	4.41	2.10	ppb
Sulfur	34-1	-2014.77	-2100.40	-2308.20	-2141.13		ppb
Terbium	159-1				88		%
Terbium	159-2				97		%
Thallium	203-1	0.39	0.47	0.34	0.40	16.05	ppb
Thallium	205-1	0.42	0.44	0.39	0.42	6.38	ppb
Thorium	232-1	0.17	0.16	0.18	0.17	5.89	ppb
Tin	118-1	0.40	0.42	0.36	0.39	7.68	ppb
Titanium	47-1	0.97	0.90	1.01	0.96	5.74	ppb
Uranium	238-1	0.08	0.07	0.06	0.07	13.10	ppb
Vanadium	51-2	0.20	0.18	0.21	0.20	9.57	ppb
Yttrium	89-1				91		%
Yttrium	89-2				100		%

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 12:13:39	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	17.59	17.15	17.11	17.28	1.52	ppb
Zirconium	90-1	0.22	0.24	0.24	0.23	5.36	ppb
Zirconium	91-1	0.23	0.23	0.20	0.22	7.16	ppb

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 12:18:47	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	489.44	486.81	490.70	488.98	0.41	ppb
Antimony	121-1	197.28	199.06	194.74	197.03	1.10	ppb
Arsenic	75-2	202.39	197.61	202.46	200.82	1.38	ppb
Barium	135-1	100.78	100.78	101.70	101.09	0.52	ppb
Barium	137-1	103.14	99.60	103.24	101.99	2.03	ppb
Beryllium	9-1	99.41	99.19	100.66	99.75	0.79	ppb
Bismuth	209-1				89		%
Bismuth	209-2				97		%
Boron	10-1	18.01	17.97	17.91	17.96	0.26	ppb
Boron	11-1	19.80	17.97	18.24	18.67	5.30	ppb
Cadmium	111-1	98.25	98.37	97.63	98.08	0.41	ppb
Cadmium	106-1	72.60	84.47	74.35	77.14	8.31	ppb
Cadmium	108-1	112.42	108.50	110.52	110.48	1.78	ppb
Calcium	43-1	1922.43	1927.02	1959.86	1936.44	1.05	ppb
Calcium	44-1	1975.10	1968.48	1944.83	1962.80	0.81	ppb
Chromium	52-2	101.05	100.63	101.80	101.16	0.58	ppb
Cobalt	59-2	105.07	104.92	105.26	105.08	0.16	ppb
Copper	63-2	103.64	103.87	103.98	103.83	0.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				88		%
Holmium	165-2				104		%
Indium	115-1				94		%
Indium	115-2				104		%
Iron	56-2	1082.31	1090.99	1087.73	1087.01	0.40	ppb
Iron	57-2	1088.66	1092.63	1065.33	1082.21	1.36	ppb
Krypton	83-1						cps
Lead	206-1	203.73	201.90	203.59	203.07	0.50	ppb
Lead	207-1	194.34	194.45	195.20	194.66	0.24	ppb
Lead	208-1	197.38	198.14	197.17	197.56	0.26	ppb
Lithium	6-1				94		%
Magnesium	24-2	1290.06	1267.69	1268.21	1275.32	1.00	ppb

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 12:18:47	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	102.65	101.25	101.07	101.66	0.85	ppb
Molybdenum	94-1	1690.73	1690.92	1700.99	1694.21	0.35	ppb
Molybdenum	95-1	2310.69	2298.47	2270.21	2293.13	0.91	ppb
Molybdenum	96-1	2210.22	2234.80	2199.76	2214.93	0.81	ppb
Molybdenum	97-1	2297.33	2310.69	2285.08	2297.70	0.56	ppb
Molybdenum	98-1	2297.28	2306.08	2277.81	2293.73	0.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	104.17	106.29	107.45	105.97	1.57	ppb
Phosphorus	31-2	-2.90	-9.04	-23.24	-11.73		ppb
Potassium	39-2	2067.32	2064.78	2053.36	2061.82	0.36	ppb
Rhodium	103-1				94		%
Rhodium	103-2				102		%
Scandium	45-1				97		%
Scandium	45-2				105		%
Selenium	77-2	193.52	236.06	209.38	212.99	10.09	ppb
Selenium	78-2	205.46	206.60	194.70	202.25	3.25	ppb
Selenium	82-1	195.16	198.87	195.28	196.44	1.07	ppb
Silicon	28-1	8.68	9.99	10.02	9.56	8.00	ppb
Silver	109-1	95.96	94.93	95.66	95.52	0.55	ppb
Silver	107-1	95.19	94.69	94.94	94.94	0.26	ppb
Sodium	23-2	2116.12	2092.44	2115.95	2108.17	0.65	ppb
Strontium	86-1	2.27	2.48	2.23	2.32	5.82	ppb
Strontium	88-1	2.29	2.27	2.26	2.27	0.72	ppb
Sulfur	34-1	-2002.82	-2188.48	-2126.02	-2105.77		ppb
Terbium	159-1				94		%
Terbium	159-2				104		%
Thallium	203-1	196.19	195.69	194.37	195.42	0.48	ppb
Thallium	205-1	197.00	196.01	195.87	196.29	0.31	ppb
Thorium	232-1	0.12	0.11	0.10	0.11	9.43	ppb
Tin	118-1	0.11	0.07	0.06	0.08	30.13	ppb
Titanium	47-1	2269.32	2248.88	2237.89	2252.03	0.71	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	39.70	ppb
Vanadium	51-2	99.95	99.80	100.85	100.20	0.57	ppb
Yttrium	89-1				99		%
Yttrium	89-2				105		%

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 12:18:47	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	195.29	197.41	193.81	195.50	0.92	ppb
Zirconium	90-1	0.15	0.15	0.15	0.15	0.96	ppb
Zirconium	91-1	0.30	0.22	0.20	0.24	20.06	ppb

LB Number : LB104022 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P7
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 12:23:28 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.02	0.01	0.34	0.12	154.47	ppb
Antimony	121-1	0.12	0.16	0.17	0.15	17.96	ppb
Arsenic	75-2	0.08	0.06	-0.01	0.04	115.19	ppb
Barium	135-1	0.01	0.00	0.00	0.00	2789.73	ppb
Barium	137-1	0.00	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.04	0.05	0.02	0.04	39.88	ppb
Bismuth	209-1				89		%
Bismuth	209-2				96		%
Boron	10-1	11.30	11.49	9.28	10.69	11.44	ppb
Boron	11-1	11.53	11.13	10.51	11.05	4.64	ppb
Cadmium	111-1	0.06	0.03	-0.02	0.02	174.38	ppb
Cadmium	106-1	0.76	0.28	-0.19	0.29	166.76	ppb
Cadmium	108-1	0.03	0.03	0.03	0.03	1.59	ppb
Calcium	43-1	1.11	2.33	2.26	1.90	36.09	ppb
Calcium	44-1	7.00	6.99	5.77	6.59	10.70	ppb
Chromium	52-2	0.01	0.03	0.03	0.02	35.81	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	2.18	ppb
Copper	63-2	-0.04	-0.01	-0.01	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				89		%
Holmium	165-2				103		%
Indium	115-1				96		%
Indium	115-2				104		%
Iron	56-2	0.79	0.95	0.91	0.88	9.34	ppb
Iron	57-2	-0.21	-0.26	0.31	-0.05		ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.03	0.03	0.03	13.08	ppb
Lead	207-1	0.05	0.01	0.03	0.03	72.16	ppb
Lead	208-1	0.02	0.02	0.02	0.02	13.39	ppb
Lithium	6-1				95		%
Magnesium	24-2	1.32	1.31	1.32	1.32	0.72	ppb

LB Number : LB104022 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P7
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 12:23:28 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.00	0.02	0.01	86.77	ppb
Molybdenum	94-1	0.21	0.18	0.17	0.19	10.95	ppb
Molybdenum	95-1	0.40	0.31	0.29	0.33	18.46	ppb
Molybdenum	96-1	0.29	0.28	0.27	0.28	3.23	ppb
Molybdenum	97-1	0.40	0.28	0.22	0.30	29.92	ppb
Molybdenum	98-1	0.34	0.28	0.27	0.30	13.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.03	0.01	0.03	48.39	ppb
Phosphorus	31-2	-20.62	-3.95	-32.09	-18.89		ppb
Potassium	39-2	32.26	28.14	20.17	26.86	22.89	ppb
Rhodium	103-1				95		%
Rhodium	103-2				102		%
Scandium	45-1				97		%
Scandium	45-2				107		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.09	0.94	1.33	0.79	80.45	ppb
Selenium	82-1	0.15	0.50	0.50	0.39	53.15	ppb
Silicon	28-1	3.43	3.14	3.16	3.24	4.97	ppb
Silver	109-1	0.01	0.00	0.00	0.00	187.20	ppb
Silver	107-1	0.01	0.02	0.01	0.01	38.23	ppb
Sodium	23-2	31.11	30.16	30.45	30.57	1.59	ppb
Strontium	86-1	0.08	0.01	0.00	0.03	146.88	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	388.91	ppb
Sulfur	34-1	-1529.01	-1517.27	-1523.55	-1523.28		ppb
Terbium	159-1				94		%
Terbium	159-2				103		%
Thallium	203-1	0.05	0.05	0.03	0.04	32.84	ppb
Thallium	205-1	0.08	0.07	0.07	0.07	10.99	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	3.67	ppb
Tin	118-1	0.04	0.04	0.05	0.04	15.97	ppb
Titanium	47-1	0.26	0.21	0.15	0.21	28.15	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	114.33	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				100		%
Yttrium	89-2				105		%

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 12:23:28	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.07	0.17	0.20	0.14	47.18	ppb
Zirconium	90-1	0.00	0.02	0.00	0.01	115.71	ppb
Zirconium	91-1	-0.02	-0.01	0.01	-0.01		ppb

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 12:27:04	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88362.36	87743.66	87012.73	87706.25	0.77	ppb
Antimony	121-1	1.13	1.14	1.20	1.16	3.24	ppb
Arsenic	75-2	0.30	0.42	0.35	0.36	16.62	ppb
Barium	135-1	1.42	1.36	1.68	1.49	11.19	ppb
Barium	137-1	1.63	1.56	1.52	1.57	3.42	ppb
Beryllium	9-1	0.29	0.33	0.31	0.31	6.95	ppb
Bismuth	209-1				84		%
Bismuth	209-2				91		%
Boron	10-1	10.28	7.68	7.89	8.62	16.76	ppb
Boron	11-1	9.55	9.54	8.72	9.27	5.12	ppb
Cadmium	111-1	0.63	0.56	0.64	0.61	7.41	ppb
Cadmium	106-1	1.21	0.79	0.05	0.68	86.20	ppb
Cadmium	108-1	17.23	16.07	15.81	16.37	4.63	ppb
Calcium	43-1	92902.63	92043.87	91565.69	92170.73	0.73	ppb
Calcium	44-1	95188.52	94508.98	94356.10	94684.53	0.47	ppb
Chromium	52-2	20.51	20.47	20.56	20.51	0.24	ppb
Cobalt	59-2	1.30	1.25	1.13	1.23	7.08	ppb
Copper	63-2	7.18	7.81	7.53	7.50	4.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				106		%
Indium	115-1				93		%
Indium	115-2				104		%
Iron	56-2	100183.23	100015.06	98649.98	99616.09	0.84	ppb
Iron	57-2	99416.17	99720.87	98011.13	99049.39	0.92	ppb
Krypton	83-1						cps
Lead	206-1	5.13	5.29	5.25	5.22	1.54	ppb
Lead	207-1	4.98	4.55	4.55	4.69	5.29	ppb
Lead	208-1	4.97	4.88	4.81	4.89	1.59	ppb
Lithium	6-1				94		%
Magnesium	24-2	99859.26	100349.51	98814.51	99674.43	0.79	ppb

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 12:27:04	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8.01	8.33	7.98	8.11	2.38	ppb
Molybdenum	94-1	1122.63	1086.89	1085.55	1098.36	1.92	ppb
Molybdenum	95-1	1526.60	1528.70	1517.29	1524.20	0.40	ppb
Molybdenum	96-1	1495.94	1496.50	1475.26	1489.23	0.81	ppb
Molybdenum	97-1	1479.10	1463.47	1459.40	1467.32	0.71	ppb
Molybdenum	98-1	1528.13	1553.43	1528.42	1536.66	0.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.43	5.25	5.79	5.49	5.03	ppb
Phosphorus	31-2	98664.31	97736.71	97380.02	97927.01	0.68	ppb
Potassium	39-2	98513.73	97832.62	96881.94	97742.76	0.84	ppb
Rhodium	103-1				90		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				112		%
Selenium	77-2	0.00	1.03	0.00	0.34	173.21	ppb
Selenium	78-2	0.37	0.17	0.49	0.34	46.56	ppb
Selenium	82-1	0.89	0.83	0.60	0.77	20.01	ppb
Silicon	28-1	24.93	25.87	25.32	25.37	1.86	ppb
Silver	109-1	0.01	0.04	0.03	0.03	55.05	ppb
Silver	107-1	0.04	0.04	0.02	0.03	32.74	ppb
Sodium	23-2	100193.72	100964.51	99431.45	100196.56	0.77	ppb
Strontium	86-1	34.05	32.44	32.05	32.85	3.22	ppb
Strontium	88-1	33.98	33.43	33.56	33.66	0.85	ppb
Sulfur	34-1	109898.48	109530.20	111024.63	110151.10	0.71	ppb
Terbium	159-1				95		%
Terbium	159-2				105		%
Thallium	203-1	0.13	0.16	0.21	0.16	25.08	ppb
Thallium	205-1	0.14	0.16	0.18	0.16	14.87	ppb
Thorium	232-1	0.02	0.03	0.03	0.03	13.86	ppb
Tin	118-1	0.26	0.22	0.20	0.23	13.35	ppb
Titanium	47-1	1574.15	1562.91	1570.42	1569.16	0.37	ppb
Uranium	238-1	0.02	0.02	0.01	0.02	30.81	ppb
Vanadium	51-2	0.19	0.21	0.18	0.20	7.40	ppb
Yttrium	89-1				101		%
Yttrium	89-2				109		%

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 12:27:04	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	9.80	11.21	10.26	10.42	6.87	ppb
Zirconium	90-1	0.04	0.03	0.02	0.03	39.73	ppb
Zirconium	91-1	0.04	-0.01	0.03	0.02	124.63	ppb

LB Number : LB104022 Operator : Jaswal
 Lab Sample ID : ICSAB Instrumnet Name : P7
 Client Sample ID : ICSAB Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 12:30:42 DataFile Name : 016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88686.98	87933.70	89304.04	88641.57	0.77	ppb
Antimony	121-1	20.92	20.83	21.19	20.98	0.88	ppb
Arsenic	75-2	19.93	20.25	20.72	20.30	1.95	ppb
Barium	135-1	22.32	22.06	21.26	21.88	2.53	ppb
Barium	137-1	21.75	21.46	21.72	21.65	0.74	ppb
Beryllium	9-1	21.30	20.83	21.14	21.09	1.14	ppb
Bismuth	209-1				85		%
Bismuth	209-2				91		%
Boron	10-1	64.17	64.82	61.83	63.61	2.48	ppb
Boron	11-1	65.24	64.97	64.85	65.02	0.31	ppb
Cadmium	111-1	20.06	19.87	19.73	19.89	0.82	ppb
Cadmium	106-1	25.04	29.20	27.90	27.38	7.78	ppb
Cadmium	108-1	37.16	40.12	35.79	37.69	5.87	ppb
Calcium	43-1	93254.58	92351.41	91418.69	92341.56	0.99	ppb
Calcium	44-1	95148.20	95129.85	94968.16	95082.07	0.10	ppb
Chromium	52-2	40.38	41.13	41.24	40.91	1.15	ppb
Cobalt	59-2	21.49	21.39	22.03	21.64	1.60	ppb
Copper	63-2	27.79	28.07	27.78	27.88	0.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				104		%
Indium	115-1				97		%
Indium	115-2				105		%
Iron	56-2	100740.03	100191.47	100830.24	100587.25	0.34	ppb
Iron	57-2	98504.63	99489.72	100527.83	99507.39	1.02	ppb
Krypton	83-1						cps
Lead	206-1	26.61	26.40	26.32	26.44	0.57	ppb
Lead	207-1	25.30	24.63	24.88	24.94	1.38	ppb
Lead	208-1	25.64	25.11	25.14	25.30	1.18	ppb
Lithium	6-1				95		%
Magnesium	24-2	101117.32	100466.08	102038.60	101207.33	0.78	ppb

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 12:30:42	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	28.02	28.25	29.33	28.53	2.46	ppb
Molybdenum	94-1	1234.36	1243.68	1224.40	1234.15	0.78	ppb
Molybdenum	95-1	1588.04	1575.41	1586.84	1583.43	0.44	ppb
Molybdenum	96-1	1544.84	1539.11	1534.51	1539.49	0.34	ppb
Molybdenum	97-1	1599.00	1575.85	1577.48	1584.11	0.82	ppb
Molybdenum	98-1	1596.37	1586.96	1580.24	1587.86	0.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.55	25.85	25.04	25.15	2.60	ppb
Phosphorus	31-2	97965.66	98051.19	100870.24	98962.37	1.67	ppb
Potassium	39-2	100038.29	98840.04	99911.33	99596.55	0.66	ppb
Rhodium	103-1				93		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				115		%
Selenium	77-2	21.64	15.05	18.14	18.28	18.04	ppb
Selenium	78-2	16.91	22.39	21.50	20.26	14.52	ppb
Selenium	82-1	20.15	18.69	19.09	19.31	3.91	ppb
Silicon	28-1	68.80	69.09	69.35	69.08	0.40	ppb
Silver	109-1	19.16	18.85	18.35	18.79	2.17	ppb
Silver	107-1	18.71	18.72	18.42	18.62	0.91	ppb
Sodium	23-2	101295.33	101104.94	102562.14	101654.14	0.78	ppb
Strontium	86-1	92.93	93.31	93.35	93.20	0.25	ppb
Strontium	88-1	95.04	93.71	92.62	93.79	1.29	ppb
Sulfur	34-1	109742.44	109695.39	110514.10	109983.98	0.42	ppb
Terbium	159-1				99		%
Terbium	159-2				103		%
Thallium	203-1	20.16	20.86	19.98	20.33	2.29	ppb
Thallium	205-1	21.09	20.41	20.70	20.73	1.64	ppb
Thorium	232-1	0.10	0.09	0.10	0.09	5.92	ppb
Tin	118-1	51.65	51.53	50.96	51.38	0.72	ppb
Titanium	47-1	1597.88	1603.62	1607.10	1602.87	0.29	ppb
Uranium	238-1	52.01	51.92	51.54	51.82	0.48	ppb
Vanadium	51-2	20.76	20.10	21.22	20.69	2.74	ppb
Yttrium	89-1				105		%
Yttrium	89-2				111		%

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 12:30:42	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	26.50	29.04	28.39	27.98	4.73	ppb
Zirconium	90-1	51.04	50.91	49.69	50.54	1.47	ppb
Zirconium	91-1	53.20	52.02	53.64	52.95	1.59	ppb

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	CCV003	Instrumnet Name :	P7
Client Sample ID :	CCV003	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 12:34:19	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53165.59	52988.54	52404.07	52852.73	0.75	ppb
Antimony	121-1	500.45	492.29	495.70	496.15	0.83	ppb
Arsenic	75-2	512.19	518.59	513.33	514.71	0.66	ppb
Barium	135-1	2486.38	2455.05	2499.08	2480.17	0.91	ppb
Barium	137-1	2506.93	2510.66	2504.23	2507.27	0.13	ppb
Beryllium	9-1	501.97	502.42	502.82	502.40	0.08	ppb
Bismuth	209-1				82		%
Bismuth	209-2				89		%
Boron	10-1	497.38	504.81	510.38	504.19	1.29	ppb
Boron	11-1	492.07	510.44	508.89	503.80	2.02	ppb
Cadmium	111-1	513.30	510.12	511.82	511.75	0.31	ppb
Cadmium	106-1	513.41	503.36	508.69	508.49	0.99	ppb
Cadmium	108-1	513.63	517.00	515.67	515.43	0.33	ppb
Calcium	43-1	241832.08	240837.15	242869.14	241846.12	0.42	ppb
Calcium	44-1	241219.84	238704.33	242951.36	240958.51	0.89	ppb
Chromium	52-2	503.60	510.36	507.13	507.03	0.67	ppb
Cobalt	59-2	486.52	493.29	493.87	491.23	0.83	ppb
Copper	63-2	1017.16	1034.81	1028.55	1026.84	0.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				107		%
Indium	115-1				94		%
Indium	115-2				104		%
Iron	56-2	125517.57	126591.57	124793.14	125634.09	0.72	ppb
Iron	57-2	126186.20	126266.19	125878.96	126110.45	0.16	ppb
Krypton	83-1						cps
Lead	206-1	509.28	510.18	513.34	510.94	0.42	ppb
Lead	207-1	521.06	517.37	524.87	521.10	0.72	ppb
Lead	208-1	505.17	506.79	512.15	508.04	0.72	ppb
Lithium	6-1				93		%
Magnesium	24-2	251154.56	250368.89	248385.00	249969.49	0.57	ppb

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	CCV003	Instrumnet Name :	P7
Client Sample ID :	CCV003	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 12:34:19	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	994.31	1014.01	1001.18	1003.17	1.00	ppb
Molybdenum	94-1	2328.43	2319.52	2362.68	2336.88	0.98	ppb
Molybdenum	95-1	2293.99	2282.40	2303.32	2293.24	0.46	ppb
Molybdenum	96-1	2284.56	2272.46	2295.38	2284.13	0.50	ppb
Molybdenum	97-1	2269.33	2267.63	2301.02	2279.33	0.83	ppb
Molybdenum	98-1	2281.29	2289.98	2314.38	2295.22	0.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	482.07	486.49	486.06	484.87	0.50	ppb
Phosphorus	31-2	9930.87	10393.60	10220.22	10181.56	2.30	ppb
Potassium	39-2	126859.19	127669.88	126469.77	126999.61	0.48	ppb
Rhodium	103-1				90		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				115		%
Selenium	77-2	490.09	531.17	515.78	512.34	4.05	ppb
Selenium	78-2	507.89	511.64	512.04	510.52	0.45	ppb
Selenium	82-1	486.24	480.86	485.11	484.07	0.59	ppb
Silicon	28-1	462.20	467.46	478.33	469.33	1.75	ppb
Silver	109-1	512.53	500.81	505.20	506.18	1.17	ppb
Silver	107-1	503.83	504.72	507.84	505.46	0.42	ppb
Sodium	23-2	249884.02	251587.81	249466.38	250312.74	0.45	ppb
Strontium	86-1	498.41	490.20	500.45	496.35	1.09	ppb
Strontium	88-1	495.49	495.76	495.60	495.62	0.03	ppb
Sulfur	34-1	8664.27	8534.69	8890.22	8696.39	2.07	ppb
Terbium	159-1				98		%
Terbium	159-2				107		%
Thallium	203-1	506.46	502.80	510.09	506.45	0.72	ppb
Thallium	205-1	507.22	501.18	503.59	503.99	0.60	ppb
Thorium	232-1	517.60	516.75	519.17	517.84	0.24	ppb
Tin	118-1	495.54	488.85	491.22	491.87	0.69	ppb
Titanium	47-1	2289.24	2263.70	2283.32	2278.75	0.59	ppb
Uranium	238-1	508.36	513.86	518.61	513.61	1.00	ppb
Vanadium	51-2	510.50	514.76	508.37	511.21	0.64	ppb
Yttrium	89-1				104		%
Yttrium	89-2				112		%

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	CCV003	Instrumnet Name :	P7
Client Sample ID :	CCV003	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 12:34:19	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	966.55	980.64	975.72	974.30	0.73	ppb
Zirconium	90-1	498.90	495.65	501.87	498.81	0.62	ppb
Zirconium	91-1	495.41	499.59	497.95	497.65	0.42	ppb

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	CCB003	Instrumnet Name :	P7
Client Sample ID :	CCB003	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 12:39:08	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.85	0.59	1.77	1.40	50.32	ppb
Antimony	121-1	0.19	0.26	0.23	0.23	15.84	ppb
Arsenic	75-2	0.06	0.06	0.00	0.04	77.08	ppb
Barium	135-1	0.12	0.07	0.14	0.11	30.58	ppb
Barium	137-1	0.12	0.09	0.08	0.10	20.23	ppb
Beryllium	9-1	0.03	0.04	0.03	0.03	17.17	ppb
Bismuth	209-1				91		%
Bismuth	209-2				96		%
Boron	10-1	15.50	14.08	14.31	14.63	5.20	ppb
Boron	11-1	16.77	15.37	14.13	15.43	8.57	ppb
Cadmium	111-1	0.16	0.15	0.12	0.14	17.24	ppb
Cadmium	106-1	1.38	1.64	0.88	1.30	29.85	ppb
Cadmium	108-1	0.03	0.11	0.03	0.05	82.92	ppb
Calcium	43-1	11.07	8.12	7.64	8.94	20.80	ppb
Calcium	44-1	19.11	15.88	15.79	16.92	11.17	ppb
Chromium	52-2	0.11	0.04	0.06	0.07	49.95	ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	6.71	ppb
Copper	63-2	0.15	0.13	0.07	0.12	36.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				107		%
Iron	56-2	6.11	5.85	6.19	6.05	2.95	ppb
Iron	57-2	2.60	8.21	6.04	5.62	50.41	ppb
Krypton	83-1						cps
Lead	206-1	0.18	0.15	0.17	0.16	8.49	ppb
Lead	207-1	0.13	0.16	0.14	0.14	7.63	ppb
Lead	208-1	0.16	0.14	0.17	0.16	7.45	ppb
Lithium	6-1				95		%
Magnesium	24-2	9.52	9.31	10.03	9.62	3.87	ppb

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	CCB003	Instrumnet Name :	P7
Client Sample ID :	CCB003	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 12:39:08	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.08	0.07	0.06	0.07	8.87	ppb
Molybdenum	94-1	0.30	0.32	0.29	0.31	4.64	ppb
Molybdenum	95-1	0.33	0.30	0.35	0.33	7.30	ppb
Molybdenum	96-1	0.38	0.30	0.24	0.31	21.77	ppb
Molybdenum	97-1	0.37	0.38	0.31	0.35	9.39	ppb
Molybdenum	98-1	0.37	0.31	0.33	0.33	8.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.03	0.11	0.06	76.62	ppb
Phosphorus	31-2	-30.01	-22.18	-27.85	-26.68		ppb
Potassium	39-2	41.94	38.84	36.89	39.22	6.49	ppb
Rhodium	103-1				100		%
Rhodium	103-2				106		%
Scandium	45-1				104		%
Scandium	45-2				113		%
Selenium	77-2	2.06	0.00	0.00	0.69	173.21	ppb
Selenium	78-2	1.71	0.87	0.12	0.90	88.30	ppb
Selenium	82-1	0.55	0.09	0.54	0.39	67.57	ppb
Silicon	28-1	4.20	3.67	4.26	4.04	8.03	ppb
Silver	109-1	0.05	0.05	0.04	0.04	9.73	ppb
Silver	107-1	0.04	0.03	0.05	0.04	22.11	ppb
Sodium	23-2	50.04	45.95	46.77	47.59	4.55	ppb
Strontium	86-1	-0.03	0.05	0.06	0.02	202.34	ppb
Strontium	88-1	0.02	0.02	0.02	0.02	12.60	ppb
Sulfur	34-1	-1576.65	-1744.28	-1737.91	-1686.28		ppb
Terbium	159-1				97		%
Terbium	159-2				103		%
Thallium	203-1	0.07	0.05	0.07	0.06	22.44	ppb
Thallium	205-1	0.08	0.08	0.08	0.08	4.54	ppb
Thorium	232-1	0.07	0.06	0.06	0.07	8.15	ppb
Tin	118-1	0.11	0.06	0.10	0.09	30.38	ppb
Titanium	47-1	0.15	0.17	0.14	0.15	10.21	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	11.26	ppb
Vanadium	51-2	0.01	0.02	0.00	0.01	64.60	ppb
Yttrium	89-1				105		%
Yttrium	89-2				110		%

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	CCB003	Instrumnet Name :	P7
Client Sample ID :	CCB003	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 12:39:08	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.58	0.49	0.43	0.50	15.40	ppb
Zirconium	90-1	0.04	0.05	0.03	0.04	19.57	ppb
Zirconium	91-1	0.04	0.03	0.00	0.02	75.79	ppb

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	K3794-01A	Instrumnet Name :	P7
Client Sample ID :	MH11K3A	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 12:42:44	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11096.73	10881.52	11010.00	10996.08	0.98	ppb
Antimony	121-1	33.68	33.43	32.91	33.34	1.18	ppb
Arsenic	75-2	56.74	54.73	57.73	56.40	2.71	ppb
Barium	135-1	1676.36	1656.39	1659.32	1664.02	0.65	ppb
Barium	137-1	1704.32	1692.30	1687.51	1694.71	0.51	ppb
Beryllium	9-1	0.99	0.95	1.10	1.02	7.73	ppb
Bismuth	209-1				96		%
Bismuth	209-2				101		%
Boron	10-1	132.21	137.36	137.03	135.53	2.13	ppb
Boron	11-1	137.94	135.90	138.70	137.51	1.05	ppb
Cadmium	111-1	5.03	5.52	4.81	5.12	7.10	ppb
Cadmium	106-1	8.10	10.84	5.54	8.16	32.46	ppb
Cadmium	108-1	6.10	5.19	5.74	5.68	8.05	ppb
Calcium	43-1	91934.08	89774.97	91302.57	91003.87	1.22	ppb
Calcium	44-1	93625.70	93425.73	94071.03	93707.48	0.35	ppb
Chromium	52-2	74.19	74.82	74.45	74.49	0.42	ppb
Cobalt	59-2	11.16	11.57	11.27	11.33	1.85	ppb
Copper	63-2	651.55	652.36	652.86	652.26	0.10	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				106		%
Indium	115-1				103		%
Indium	115-2				112		%
Iron	56-2	28396.00	28228.28	28251.46	28291.91	0.32	ppb
Iron	57-2	29084.42	28720.64	28967.48	28924.18	0.64	ppb
Krypton	83-1						cps
Lead	206-1	277.93	273.56	272.99	274.82	0.98	ppb
Lead	207-1	257.86	256.59	253.47	255.97	0.88	ppb
Lead	208-1	265.81	262.29	262.00	263.37	0.81	ppb
Lithium	6-1				102		%
Magnesium	24-2	14446.41	14305.16	14334.98	14362.18	0.52	ppb

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	K3794-01A	Instrumnet Name :	P7
Client Sample ID :	MH11K3A	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 12:42:44	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1002.89	1004.29	1013.65	1006.94	0.58	ppb
Molybdenum	94-1	6.62	6.39	6.79	6.60	3.04	ppb
Molybdenum	95-1	4.39	4.40	4.46	4.42	0.87	ppb
Molybdenum	96-1	4.65	5.02	4.71	4.79	4.13	ppb
Molybdenum	97-1	4.88	4.57	4.59	4.68	3.67	ppb
Molybdenum	98-1	4.30	4.43	4.41	4.38	1.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	46.39	47.73	47.97	47.36	1.80	ppb
Phosphorus	31-2	6167.33	6083.42	6110.59	6120.45	0.70	ppb
Potassium	39-2	13060.45	12942.74	13012.24	13005.15	0.46	ppb
Rhodium	103-1				102		%
Rhodium	103-2				110		%
Scandium	45-1				110		%
Scandium	45-2				123		%
Selenium	77-2	25.49	23.43	21.45	23.46	8.61	ppb
Selenium	78-2	8.66	7.51	8.32	8.17	7.26	ppb
Selenium	82-1	3.91	3.47	2.96	3.44	13.87	ppb
Silicon	28-1	1548.85	1545.44	1529.48	1541.26	0.67	ppb
Silver	109-1	43.21	42.63	43.76	43.20	1.31	ppb
Silver	107-1	43.22	42.95	43.19	43.12	0.34	ppb
Sodium	23-2	17868.68	17519.77	17628.46	17672.30	1.01	ppb
Strontium	86-1	417.62	412.92	414.14	414.89	0.59	ppb
Strontium	88-1	417.84	418.80	419.10	418.58	0.16	ppb
Sulfur	34-1	14532.81	13889.96	14130.49	14184.42	2.29	ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	2.44	2.33	2.45	2.41	2.60	ppb
Thallium	205-1	2.48	2.42	2.41	2.44	1.59	ppb
Thorium	232-1	0.49	0.46	0.47	0.47	2.94	ppb
Tin	118-1	31.96	31.33	32.42	31.90	1.72	ppb
Titanium	47-1	223.00	219.35	218.74	220.36	1.04	ppb
Uranium	238-1	3.41	3.31	3.29	3.34	1.96	ppb
Vanadium	51-2	41.24	42.17	41.93	41.78	1.15	ppb
Yttrium	89-1				118		%
Yttrium	89-2				124		%

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	K3794-01A	Instrumnet Name :	P7
Client Sample ID :	MH11K3A	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 12:42:44	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1962.13	1969.66	1974.14	1968.64	0.31	ppb
Zirconium	90-1	2.90	2.60	2.50	2.67	7.76	ppb
Zirconium	91-1	2.46	2.75	2.70	2.64	6.02	ppb

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	K3794-01ADLX2	Instrumnet Name :	P7
Client Sample ID :	MH11K3A	Dilution Factor :	2
Date & Time Acquired ::	2019-07-17 12:46:19	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5452.50	5424.70	5495.87	5457.69	0.66	ppb
Antimony	121-1	16.14	15.36	16.12	15.87	2.79	ppb
Arsenic	75-2	28.35	27.36	26.59	27.43	3.23	ppb
Barium	135-1	837.26	832.06	818.15	829.16	1.19	ppb
Barium	137-1	840.59	838.17	831.56	836.77	0.56	ppb
Beryllium	9-1	0.51	0.60	0.49	0.53	10.45	ppb
Bismuth	209-1				93		%
Bismuth	209-2				96		%
Boron	10-1	74.23	74.22	74.40	74.29	0.14	ppb
Boron	11-1	74.17	75.39	74.69	74.75	0.82	ppb
Cadmium	111-1	2.50	2.63	2.06	2.40	12.40	ppb
Cadmium	106-1	4.54	6.72	1.86	4.38	55.59	ppb
Cadmium	108-1	2.09	2.82	2.97	2.63	17.95	ppb
Calcium	43-1	46319.03	46380.60	45114.33	45937.99	1.55	ppb
Calcium	44-1	46188.88	46646.66	46114.27	46316.60	0.62	ppb
Chromium	52-2	37.05	36.86	37.36	37.09	0.68	ppb
Cobalt	59-2	5.91	5.76	5.50	5.72	3.57	ppb
Copper	63-2	326.43	321.84	328.27	325.51	1.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				108		%
Iron	56-2	14263.37	13998.34	14041.15	14100.95	1.01	ppb
Iron	57-2	14419.08	14335.56	14409.92	14388.19	0.32	ppb
Krypton	83-1						cps
Lead	206-1	138.14	137.23	136.56	137.31	0.58	ppb
Lead	207-1	128.27	129.13	128.54	128.64	0.34	ppb
Lead	208-1	132.68	131.67	131.13	131.83	0.59	ppb
Lithium	6-1				101		%
Magnesium	24-2	7253.12	7214.22	7328.76	7265.37	0.80	ppb

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	K3794-01ADLX2	Instrumnet Name :	P7
Client Sample ID :	MH11K3A	Dilution Factor :	2
Date & Time Acquired ::	2019-07-17 12:46:19	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	503.35	501.76	500.43	501.85	0.29	ppb
Molybdenum	94-1	3.69	3.57	3.87	3.71	4.11	ppb
Molybdenum	95-1	2.14	2.37	2.24	2.25	5.03	ppb
Molybdenum	96-1	2.45	2.39	2.39	2.41	1.42	ppb
Molybdenum	97-1	2.37	2.49	2.32	2.39	3.68	ppb
Molybdenum	98-1	2.33	2.28	2.31	2.30	1.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.92	23.20	24.46	23.86	2.65	ppb
Phosphorus	31-2	2988.43	2724.87	3195.87	2969.72	7.95	ppb
Potassium	39-2	6501.18	6432.41	6588.88	6507.49	1.21	ppb
Rhodium	103-1				101		%
Rhodium	103-2				108		%
Scandium	45-1				108		%
Scandium	45-2				119		%
Selenium	77-2	12.69	13.44	7.66	11.26	27.89	ppb
Selenium	78-2	3.94	5.43	5.41	4.93	17.32	ppb
Selenium	82-1	2.03	1.95	2.77	2.25	20.18	ppb
Silicon	28-1	770.97	774.23	759.55	768.25	1.00	ppb
Silver	109-1	21.72	21.60	21.34	21.55	0.92	ppb
Silver	107-1	21.69	21.85	21.18	21.57	1.62	ppb
Sodium	23-2	8836.68	8748.61	8882.43	8822.57	0.77	ppb
Strontium	86-1	211.61	208.79	211.08	210.49	0.71	ppb
Strontium	88-1	212.90	210.65	214.59	212.71	0.93	ppb
Sulfur	34-1	6202.34	6568.35	5827.03	6199.24	5.98	ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	1.17	1.07	1.13	1.12	4.43	ppb
Thallium	205-1	1.12	1.21	1.22	1.18	4.89	ppb
Thorium	232-1	0.26	0.23	0.23	0.24	6.07	ppb
Tin	118-1	15.88	15.47	15.54	15.63	1.41	ppb
Titanium	47-1	111.40	109.13	110.95	110.49	1.09	ppb
Uranium	238-1	1.69	1.65	1.66	1.67	1.10	ppb
Vanadium	51-2	20.85	20.40	20.53	20.59	1.12	ppb
Yttrium	89-1				113		%
Yttrium	89-2				116		%

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	K3794-01ADLX2	Instrumnet Name :	P7
Client Sample ID :	MH11K3A	Dilution Factor :	2
Date & Time Acquired ::	2019-07-17 12:46:19	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	993.43	981.98	999.87	991.76	0.91	ppb
Zirconium	90-1	1.70	1.33	1.21	1.41	18.18	ppb
Zirconium	91-1	1.47	1.42	1.18	1.36	11.19	ppb

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	K3793-15DLX2	Instrumnet Name :	P7
Client Sample ID :	MH11K6	Dilution Factor :	2
Date & Time Acquired ::	2019-07-17 12:49:55	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5012.57	5141.59	4975.80	5043.32	1.73	ppb
Antimony	121-1	2.51	2.55	2.51	2.52	1.11	ppb
Arsenic	75-2	9.04	9.32	8.77	9.04	3.07	ppb
Barium	135-1	199.14	193.84	195.68	196.22	1.37	ppb
Barium	137-1	198.13	195.37	191.76	195.09	1.64	ppb
Beryllium	9-1	0.50	0.47	0.51	0.49	4.67	ppb
Bismuth	209-1				93		%
Bismuth	209-2				97		%
Boron	10-1	98.41	95.84	96.66	96.97	1.36	ppb
Boron	11-1	95.91	99.18	100.54	98.54	2.41	ppb
Cadmium	111-1	2.16	1.98	2.12	2.09	4.44	ppb
Cadmium	106-1	3.23	4.23	3.88	3.78	13.34	ppb
Cadmium	108-1	2.44	2.51	2.74	2.56	5.95	ppb
Calcium	43-1	30402.14	30271.88	29951.51	30208.51	0.77	ppb
Calcium	44-1	30200.77	30325.33	30406.28	30310.79	0.34	ppb
Chromium	52-2	25.56	26.05	26.16	25.92	1.23	ppb
Cobalt	59-2	4.82	4.65	4.69	4.72	1.88	ppb
Copper	63-2	114.88	116.72	112.44	114.68	1.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				109		%
Iron	56-2	10533.95	10543.85	10515.55	10531.12	0.14	ppb
Iron	57-2	10698.64	10761.61	10672.55	10710.93	0.43	ppb
Krypton	83-1						cps
Lead	206-1	157.02	152.94	152.45	154.14	1.62	ppb
Lead	207-1	145.06	142.07	143.39	143.51	1.04	ppb
Lead	208-1	147.95	146.14	146.38	146.83	0.67	ppb
Lithium	6-1				102		%
Magnesium	24-2	4328.71	4399.33	4335.33	4354.46	0.90	ppb

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	K3793-15DLX2	Instrumnet Name :	P7
Client Sample ID :	MH11K6	Dilution Factor :	2
Date & Time Acquired ::	2019-07-17 12:49:55	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	386.77	390.50	388.13	388.47	0.49	ppb
Molybdenum	94-1	3.24	3.03	3.15	3.14	3.31	ppb
Molybdenum	95-1	1.29	1.41	1.34	1.34	4.48	ppb
Molybdenum	96-1	1.74	1.56	1.67	1.66	5.60	ppb
Molybdenum	97-1	1.32	1.24	1.29	1.28	3.18	ppb
Molybdenum	98-1	1.27	1.26	1.32	1.28	2.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.07	18.77	17.81	18.22	2.73	ppb
Phosphorus	31-2	3874.77	3745.79	3639.33	3753.29	3.14	ppb
Potassium	39-2	7991.27	8016.16	7969.25	7992.23	0.29	ppb
Rhodium	103-1				102		%
Rhodium	103-2				109		%
Scandium	45-1				109		%
Scandium	45-2				119		%
Selenium	77-2	10.59	3.87	13.36	9.27	52.66	ppb
Selenium	78-2	5.29	4.84	4.44	4.86	8.81	ppb
Selenium	82-1	1.42	1.18	1.58	1.40	14.44	ppb
Silicon	28-1	658.28	665.85	662.13	662.09	0.57	ppb
Silver	109-1	5.02	4.80	4.89	4.91	2.26	ppb
Silver	107-1	4.81	4.92	4.85	4.86	1.16	ppb
Sodium	23-2	13724.26	13824.08	13572.76	13707.03	0.92	ppb
Strontium	86-1	112.24	108.71	109.57	110.17	1.67	ppb
Strontium	88-1	110.77	109.14	108.74	109.55	0.98	ppb
Sulfur	34-1	2849.55	2637.00	2270.91	2585.82	11.32	ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	0.12	0.13	0.14	0.13	8.66	ppb
Thallium	205-1	0.12	0.12	0.13	0.12	5.04	ppb
Thorium	232-1	0.33	0.32	0.30	0.32	4.26	ppb
Tin	118-1	6.04	6.12	6.27	6.14	1.92	ppb
Titanium	47-1	88.89	89.95	87.23	88.69	1.55	ppb
Uranium	238-1	1.36	1.38	1.36	1.36	0.96	ppb
Vanadium	51-2	18.39	18.80	18.43	18.54	1.22	ppb
Yttrium	89-1				113		%
Yttrium	89-2				117		%

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	K3793-15DLX2	Instrumnet Name :	P7
Client Sample ID :	MH11K6	Dilution Factor :	2
Date & Time Acquired ::	2019-07-17 12:49:55	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	553.27	557.16	556.86	555.76	0.39	ppb
Zirconium	90-1	1.62	1.65	1.64	1.64	0.98	ppb
Zirconium	91-1	1.49	1.76	1.72	1.65	8.70	ppb

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	K3793-04DLX5	Instrumnet Name :	P7
Client Sample ID :	MH11J6	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 12:53:31	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2269.87	2337.44	2288.92	2298.75	1.52	ppb
Antimony	121-1	1.83	2.01	1.98	1.94	5.00	ppb
Arsenic	75-2	3.84	3.24	3.37	3.48	9.03	ppb
Barium	135-1	169.77	166.26	167.67	167.90	1.05	ppb
Barium	137-1	170.62	169.41	166.60	168.88	1.22	ppb
Beryllium	9-1	0.20	0.19	0.17	0.19	7.72	ppb
Bismuth	209-1				90		%
Bismuth	209-2				94		%
Boron	10-1	29.61	30.06	27.58	29.08	4.54	ppb
Boron	11-1	31.10	30.53	30.17	30.60	1.54	ppb
Cadmium	111-1	1.94	1.93	1.67	1.85	8.10	ppb
Cadmium	106-1	3.47	5.76	4.01	4.41	27.14	ppb
Cadmium	108-1	1.20	0.98	1.36	1.18	16.42	ppb
Calcium	43-1	29196.31	29096.92	28601.60	28964.94	1.10	ppb
Calcium	44-1	29002.85	29080.15	29017.38	29033.46	0.14	ppb
Chromium	52-2	37.67	37.81	37.28	37.59	0.73	ppb
Cobalt	59-2	6.38	6.46	6.27	6.37	1.51	ppb
Copper	63-2	86.99	89.28	89.16	88.48	1.46	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				93		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				107		%
Iron	56-2	8208.75	8308.85	8141.40	8219.67	1.03	ppb
Iron	57-2	8269.66	8534.09	8393.83	8399.20	1.58	ppb
Krypton	83-1						cps
Lead	206-1	513.14	512.03	509.63	511.60	0.35	ppb
Lead	207-1	507.40	503.84	496.80	502.68	1.07	ppb
Lead	208-1	504.58	507.39	500.56	504.18	0.68	ppb
Lithium	6-1				100		%
Magnesium	24-2	5668.15	5739.24	5676.01	5694.47	0.68	ppb

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	K3793-04DLX5	Instrumnet Name :	P7
Client Sample ID :	MH11J6	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 12:53:31	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	230.56	235.09	229.32	231.66	1.31	ppb
Molybdenum	94-1	1.07	1.12	1.09	1.09	2.19	ppb
Molybdenum	95-1	0.90	0.80	0.86	0.85	5.75	ppb
Molybdenum	96-1	0.89	0.86	0.70	0.82	12.31	ppb
Molybdenum	97-1	0.80	0.78	0.80	0.79	1.34	ppb
Molybdenum	98-1	0.76	0.71	0.73	0.73	3.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	39.26	41.94	39.27	40.15	3.85	ppb
Phosphorus	31-2	1938.36	1897.17	1789.45	1874.99	4.10	ppb
Potassium	39-2	1717.86	1704.75	1689.51	1704.04	0.83	ppb
Rhodium	103-1				100		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				116		%
Selenium	77-2	7.03	4.99	3.01	5.01	40.11	ppb
Selenium	78-2	4.28	2.92	2.95	3.38	23.05	ppb
Selenium	82-1	1.17	1.07	0.33	0.86	53.45	ppb
Silicon	28-1	197.34	196.51	192.44	195.43	1.34	ppb
Silver	109-1	0.31	0.43	0.40	0.38	16.54	ppb
Silver	107-1	0.39	0.32	0.41	0.37	12.41	ppb
Sodium	23-2	4782.44	4844.26	4749.75	4792.15	1.00	ppb
Strontium	86-1	126.37	124.38	124.75	125.17	0.85	ppb
Strontium	88-1	124.89	121.84	122.62	123.12	1.29	ppb
Sulfur	34-1	1286.50	1245.02	1231.19	1254.24	2.29	ppb
Terbium	159-1				99		%
Terbium	159-2				104		%
Thallium	203-1	0.03	0.03	0.02	0.03	11.88	ppb
Thallium	205-1	0.02	0.03	0.03	0.03	26.99	ppb
Thorium	232-1	0.34	0.35	0.36	0.35	3.37	ppb
Tin	118-1	7.99	7.78	7.74	7.83	1.70	ppb
Titanium	47-1	76.38	75.16	73.68	75.07	1.80	ppb
Uranium	238-1	0.59	0.56	0.56	0.57	2.40	ppb
Vanadium	51-2	10.20	10.33	10.68	10.40	2.42	ppb
Yttrium	89-1				108		%
Yttrium	89-2				112		%

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	K3793-04DLX5	Instrumnet Name :	P7
Client Sample ID :	MH11J6	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 12:53:31	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	513.04	525.04	518.06	518.71	1.16	ppb
Zirconium	90-1	0.51	0.37	0.43	0.44	15.78	ppb
Zirconium	91-1	0.32	0.45	0.53	0.43	24.53	ppb

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	K3794-07DLX5	Instrumnet Name :	P7
Client Sample ID :	MH11L8	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 12:57:08	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1033.19	1096.61	1118.32	1082.71	4.09	ppb
Antimony	121-1	0.80	0.83	0.83	0.82	2.37	ppb
Arsenic	75-2	1.12	1.29	1.16	1.19	7.36	ppb
Barium	135-1	61.75	61.46	60.67	61.29	0.91	ppb
Barium	137-1	61.97	63.30	62.32	62.53	1.10	ppb
Beryllium	9-1	0.11	0.08	0.10	0.10	14.48	ppb
Bismuth	209-1				90		%
Bismuth	209-2				95		%
Boron	10-1	71.95	68.95	71.50	70.80	2.29	ppb
Boron	11-1	71.95	70.99	73.37	72.11	1.66	ppb
Cadmium	111-1	0.64	0.46	0.61	0.57	17.08	ppb
Cadmium	106-1	2.16	0.70	1.00	1.29	59.99	ppb
Cadmium	108-1	0.35	0.98	0.66	0.67	47.86	ppb
Calcium	43-1	10198.56	10070.91	10112.26	10127.24	0.64	ppb
Calcium	44-1	10167.40	10073.59	10154.86	10131.95	0.50	ppb
Chromium	52-2	7.22	7.59	7.88	7.56	4.37	ppb
Cobalt	59-2	5.80	6.18	6.09	6.02	3.29	ppb
Copper	63-2	143.96	150.56	153.71	149.41	3.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				107		%
Iron	56-2	2846.99	2960.26	2993.80	2933.68	2.62	ppb
Iron	57-2	2887.16	3018.17	3034.03	2979.79	2.71	ppb
Krypton	83-1						cps
Lead	206-1	98.95	97.23	93.95	96.71	2.63	ppb
Lead	207-1	95.24	93.49	90.68	93.14	2.47	ppb
Lead	208-1	96.45	95.03	92.23	94.57	2.27	ppb
Lithium	6-1				101		%
Magnesium	24-2	1132.16	1195.24	1214.52	1180.64	3.65	ppb

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	K3794-07DLX5	Instrumnet Name :	P7
Client Sample ID :	MH11L8	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 12:57:08	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	76.38	80.59	80.50	79.16	3.04	ppb
Molybdenum	94-1	1.22	1.18	1.19	1.19	1.85	ppb
Molybdenum	95-1	0.67	0.70	0.63	0.67	5.62	ppb
Molybdenum	96-1	0.72	0.78	0.75	0.75	3.96	ppb
Molybdenum	97-1	0.57	0.66	0.66	0.63	7.93	ppb
Molybdenum	98-1	0.73	0.76	0.75	0.74	2.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	16.12	17.27	17.05	16.82	3.63	ppb
Phosphorus	31-2	809.48	854.68	916.47	860.21	6.24	ppb
Potassium	39-2	1257.75	1295.41	1336.55	1296.57	3.04	ppb
Rhodium	103-1				99		%
Rhodium	103-2				107		%
Scandium	45-1				104		%
Scandium	45-2				118		%
Selenium	77-2	0.00	0.00	4.06	1.35	173.21	ppb
Selenium	78-2	1.71	1.31	0.31	1.11	65.06	ppb
Selenium	82-1	1.15	0.50	0.72	0.79	41.75	ppb
Silicon	28-1	274.12	270.42	271.60	272.05	0.69	ppb
Silver	109-1	0.23	0.23	0.21	0.22	4.76	ppb
Silver	107-1	0.25	0.25	0.23	0.24	5.85	ppb
Sodium	23-2	1407.69	1467.47	1502.58	1459.25	3.29	ppb
Strontium	86-1	50.62	49.86	49.78	50.09	0.92	ppb
Strontium	88-1	50.53	50.75	49.55	50.28	1.27	ppb
Sulfur	34-1	-31.69	-136.93	-262.95	-143.86		ppb
Terbium	159-1				98		%
Terbium	159-2				103		%
Thallium	203-1	0.02	0.00	-0.01	0.00	842.03	ppb
Thallium	205-1	0.01	0.01	0.02	0.01	21.74	ppb
Thorium	232-1	0.06	0.08	0.07	0.07	15.43	ppb
Tin	118-1	2.30	2.06	2.24	2.20	5.64	ppb
Titanium	47-1	19.12	20.58	20.50	20.06	4.10	ppb
Uranium	238-1	0.31	0.30	0.31	0.30	0.99	ppb
Vanadium	51-2	3.88	4.39	4.36	4.21	6.76	ppb
Yttrium	89-1				106		%
Yttrium	89-2				112		%

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	K3794-07DLX5	Instrumnet Name :	P7
Client Sample ID :	MH11L8	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 12:57:08	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	558.26	572.65	586.93	572.62	2.50	ppb
Zirconium	90-1	0.45	0.54	0.47	0.49	9.96	ppb
Zirconium	91-1	0.48	0.51	0.42	0.47	9.41	ppb

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	CCV004	Instrumnet Name :	P7
Client Sample ID :	CCV004	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 13:02:04	DataFile Name :	024CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54123.61	53604.39	52135.54	53287.85	1.94	ppb
Antimony	121-1	554.69	529.30	551.28	545.09	2.53	ppb
Arsenic	75-2	533.47	523.72	532.31	529.83	1.01	ppb
Barium	135-1	2430.09	2331.24	2405.48	2388.94	2.15	ppb
Barium	137-1	2470.73	2362.06	2479.01	2437.27	2.68	ppb
Beryllium	9-1	491.97	475.56	503.11	490.21	2.83	ppb
Bismuth	209-1				83		%
Bismuth	209-2				85		%
Boron	10-1	490.53	475.81	502.52	489.62	2.73	ppb
Boron	11-1	486.58	476.23	506.16	489.66	3.10	ppb
Cadmium	111-1	501.90	485.47	497.15	494.84	1.71	ppb
Cadmium	106-1	498.86	476.18	497.93	490.99	2.61	ppb
Cadmium	108-1	508.89	484.69	490.83	494.80	2.54	ppb
Calcium	43-1	242819.83	229368.81	241161.11	237783.25	3.08	ppb
Calcium	44-1	240935.70	229923.25	237754.44	236204.46	2.40	ppb
Chromium	52-2	509.66	506.36	499.31	505.11	1.05	ppb
Cobalt	59-2	490.39	486.75	484.84	487.33	0.58	ppb
Copper	63-2	1016.81	1022.30	1006.90	1015.34	0.77	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				93		%
Holmium	165-2				104		%
Indium	115-1				94		%
Indium	115-2				101		%
Iron	56-2	128844.23	126507.10	124232.76	126528.03	1.82	ppb
Iron	57-2	129554.14	126796.07	125207.20	127185.80	1.73	ppb
Krypton	83-1						cps
Lead	206-1	498.00	469.12	493.65	486.92	3.20	ppb
Lead	207-1	505.69	477.18	506.57	496.48	3.37	ppb
Lead	208-1	500.59	471.14	500.20	490.64	3.44	ppb
Lithium	6-1				95		%
Magnesium	24-2	255933.71	256807.00	248324.15	253688.28	1.84	ppb

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	CCV004	Instrumnet Name :	P7
Client Sample ID :	CCV004	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 13:02:04	DataFile Name :	024CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1007.86	1002.41	995.36	1001.88	0.63	ppb
Molybdenum	94-1	2351.58	2218.92	2344.90	2305.13	3.24	ppb
Molybdenum	95-1	2299.59	2209.58	2300.28	2269.81	2.30	ppb
Molybdenum	96-1	2302.66	2204.34	2295.20	2267.40	2.41	ppb
Molybdenum	97-1	2290.77	2175.93	2311.36	2259.35	3.23	ppb
Molybdenum	98-1	2292.16	2199.09	2316.16	2269.14	2.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	480.89	485.18	484.21	483.43	0.46	ppb
Phosphorus	31-2	10270.48	10103.58	10399.95	10258.00	1.45	ppb
Potassium	39-2	129455.45	128531.91	124883.61	127623.65	1.89	ppb
Rhodium	103-1				91		%
Rhodium	103-2				96		%
Scandium	45-1				103		%
Scandium	45-2				113		%
Selenium	77-2	505.58	493.27	548.19	515.68	5.59	ppb
Selenium	78-2	511.71	518.01	494.01	507.91	2.45	ppb
Selenium	82-1	471.15	449.69	472.33	464.39	2.74	ppb
Silicon	28-1	452.41	427.90	451.06	443.79	3.10	ppb
Silver	109-1	511.13	486.46	507.26	501.62	2.64	ppb
Silver	107-1	521.72	503.31	518.27	514.43	1.90	ppb
Sodium	23-2	258370.81	252607.83	249328.07	253435.57	1.81	ppb
Strontium	86-1	480.42	456.45	488.07	474.98	3.47	ppb
Strontium	88-1	488.93	465.46	492.15	482.18	3.02	ppb
Sulfur	34-1	9249.31	7825.11	8773.68	8616.03	8.42	ppb
Terbium	159-1				98		%
Terbium	159-2				103		%
Thallium	203-1	496.70	463.36	496.90	485.65	3.98	ppb
Thallium	205-1	502.79	477.37	501.58	493.91	2.90	ppb
Thorium	232-1	516.41	483.93	514.84	505.06	3.63	ppb
Tin	118-1	478.89	453.75	473.36	468.67	2.82	ppb
Titanium	47-1	2273.80	2144.29	2264.68	2227.59	3.24	ppb
Uranium	238-1	514.22	485.74	505.17	501.71	2.90	ppb
Vanadium	51-2	514.04	510.14	502.31	508.83	1.17	ppb
Yttrium	89-1				104		%
Yttrium	89-2				109		%

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	CCV004	Instrumnet Name :	P7
Client Sample ID :	CCV004	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 13:02:04	DataFile Name :	024CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	972.69	970.50	961.45	968.21	0.62	ppb
Zirconium	90-1	495.66	470.29	500.52	488.82	3.32	ppb
Zirconium	91-1	491.94	464.05	489.66	481.88	3.21	ppb

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	CCB004	Instrumnet Name :	P7
Client Sample ID :	CCB004	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 13:05:47	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.65	1.69	1.35	1.56	11.90	ppb
Antimony	121-1	0.40	0.38	0.49	0.42	14.41	ppb
Arsenic	75-2	0.11	0.02	0.02	0.05	97.98	ppb
Barium	135-1	0.27	0.26	0.14	0.22	31.97	ppb
Barium	137-1	0.41	0.27	0.09	0.25	62.91	ppb
Beryllium	9-1	0.10	0.05	0.09	0.08	35.10	ppb
Bismuth	209-1				91		%
Bismuth	209-2				94		%
Boron	10-1	21.90	19.39	20.22	20.50	6.23	ppb
Boron	11-1	21.19	20.56	18.76	20.17	6.23	ppb
Cadmium	111-1	0.11	0.10	0.25	0.15	56.08	ppb
Cadmium	106-1	0.52	0.83	2.85	1.40	90.24	ppb
Cadmium	108-1	0.26	0.03	0.03	0.11	126.04	ppb
Calcium	43-1	26.28	16.93	12.75	18.65	37.15	ppb
Calcium	44-1	36.51	25.79	20.04	27.45	30.46	ppb
Chromium	52-2	0.04	0.08	0.05	0.06	42.22	ppb
Cobalt	59-2	0.01	0.01	0.02	0.01	18.15	ppb
Copper	63-2	0.11	0.11	0.12	0.11	4.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				106		%
Iron	56-2	5.86	5.13	4.17	5.05	16.78	ppb
Iron	57-2	11.65	7.35	3.21	7.40	56.99	ppb
Krypton	83-1						cps
Lead	206-1	0.13	0.09	0.10	0.11	18.86	ppb
Lead	207-1	0.11	0.14	0.08	0.11	25.60	ppb
Lead	208-1	0.12	0.10	0.08	0.10	20.47	ppb
Lithium	6-1				96		%
Magnesium	24-2	8.46	7.34	7.03	7.61	9.93	ppb

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	CCB004	Instrumnet Name :	P7
Client Sample ID :	CCB004	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 13:05:47	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.03	0.00	0.01	0.01	113.74	ppb
Molybdenum	94-1	0.46	0.40	0.35	0.40	13.23	ppb
Molybdenum	95-1	0.67	0.47	0.53	0.55	18.49	ppb
Molybdenum	96-1	0.65	0.48	0.44	0.52	21.00	ppb
Molybdenum	97-1	0.60	0.44	0.39	0.48	22.98	ppb
Molybdenum	98-1	0.60	0.58	0.41	0.53	19.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.06	0.01	0.03	77.19	ppb
Phosphorus	31-2	-27.60	-30.06	-22.25	-26.64		ppb
Potassium	39-2	36.29	33.15	35.04	34.82	4.54	ppb
Rhodium	103-1				100		%
Rhodium	103-2				105		%
Scandium	45-1				103		%
Scandium	45-2				113		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	2.22	0.70	1.20	1.37	56.54	ppb
Selenium	82-1	-0.37	0.34	-0.37	-0.13		ppb
Silicon	28-1	4.89	4.77	4.70	4.79	2.05	ppb
Silver	109-1	0.10	0.05	0.05	0.07	38.22	ppb
Silver	107-1	0.07	0.06	0.04	0.06	24.88	ppb
Sodium	23-2	56.02	49.61	48.32	51.32	8.04	ppb
Strontium	86-1	0.08	0.00	0.03	0.04	103.18	ppb
Strontium	88-1	0.07	0.04	0.03	0.05	39.85	ppb
Sulfur	34-1	-1634.63	-1408.37	-1611.30	-1551.44		ppb
Terbium	159-1				98		%
Terbium	159-2				102		%
Thallium	203-1	0.11	0.13	0.03	0.09	55.24	ppb
Thallium	205-1	0.13	0.13	0.12	0.12	6.65	ppb
Thorium	232-1	0.15	0.11	0.09	0.12	24.29	ppb
Tin	118-1	0.18	0.23	0.14	0.18	25.74	ppb
Titanium	47-1	0.44	0.15	0.28	0.29	49.69	ppb
Uranium	238-1	0.06	0.04	0.03	0.04	39.76	ppb
Vanadium	51-2	0.02	0.00	0.02	0.01	106.41	ppb
Yttrium	89-1				106		%
Yttrium	89-2				109		%

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	CCB004	Instrumnet Name :	P7
Client Sample ID :	CCB004	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 13:05:47	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.34	0.29	0.26	0.30	13.93	ppb
Zirconium	90-1	0.11	0.06	0.06	0.07	37.62	ppb
Zirconium	91-1	0.11	0.08	0.05	0.08	34.50	ppb

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 11:41:39	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	33	8	31	68.64	cps
Antimony	121-1	8	8	33	17	86.62	cps
Arsenic	75-2	2	2	0	1	86.60	cps
Barium	135-1	0	0	8	3	173.21	cps
Barium	137-1	17	25	0	14	91.65	cps
Beryllium	9-1	20	37	17	24	43.83	cps
Bismuth	209-1	1738439	1730822	1728484	1732581	0.30	cps
Bismuth	209-2	987650	999237	998347	995078	0.65	cps
Boron	10-1	275	350	317	314	11.97	cps
Boron	11-1	1217	1233	1383	1278	7.18	cps
Cadmium	111-1	668	564	638	623	8.55	cps
Cadmium	106-1	942	800	908	883	8.39	cps
Cadmium	108-1	0	0	8	3	173.21	cps
Calcium	43-1	25	83	50	53	55.46	cps
Calcium	44-1	3417	3451	3367	3412	1.23	cps
Chromium	52-2	327	313	390	343	11.93	cps
Cobalt	59-2	23	0	17	13	90.13	cps
Copper	63-2	177	213	173	188	11.82	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	17	8	8	11	43.34	cps
Erbium	164-2	3	7	0	3	100.05	cps
Gadolinium	160-1	17	25	0	14	91.65	cps
Gadolinium	160-2	33	40	50	41	20.41	cps
Holmium	165-1	3030113	3073019	3037129	3046753	0.76	cps
Holmium	165-2	1434790	1458393	1463664	1452282	1.06	cps
Indium	115-1	2019671	2034030	2019151	2024284	0.42	cps
Indium	115-2	418514	428603	423703	423607	1.19	cps
Iron	56-2	1678	1278	1533	1496	13.54	cps
Iron	57-2	67	100	128	98	31.17	cps
Krypton	83-1	113	110	120	114	4.45	cps
Lead	206-1	61	78	50	63	22.21	cps
Lead	207-1	78	56	67	67	16.66	cps
Lead	208-1	278	339	283	300	11.27	cps
Lithium	6-1	1593750	1568497	1565713	1575986	0.98	cps
Magnesium	24-2	8	8	50	22	108.27	cps

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 11:41:39	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20	13	13	16	24.76	cps
Molybdenum	94-1	108	133	67	103	32.77	cps
Molybdenum	95-1	17	0	0	6	173.21	cps
Molybdenum	96-1	75	17	50	47	61.97	cps
Molybdenum	97-1	17	8	17	14	34.67	cps
Molybdenum	98-1	8	0	25	11	114.58	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	13	0	10	8	89.21	cps
Phosphorus	31-2	75	50	75	67	21.65	cps
Potassium	39-2	9453	10271	9595	9773	4.47	cps
Rhodium	103-1	2081781	2071374	2107962	2087039	0.90	cps
Rhodium	103-2	960997	982912	974522	972810	1.14	cps
Scandium	45-1	2390648	2362643	2380790	2378027	0.60	cps
Scandium	45-2	109971	111018	109675	110221	0.64	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	20	22	19	20	9.08	cps
Selenium	82-1	-13	6	-1	-3	-334.39	cps
Silicon	28-1	93995	93683	93483	93720	0.28	cps
Silver	109-1	8	25	33	22	57.29	cps
Silver	107-1	25	8	8	14	69.31	cps
Sodium	23-2	5068	5226	4593	4962	6.64	cps
Strontium	86-1	150	142	183	158	13.92	cps
Strontium	88-1	33	92	58	61	47.89	cps
Sulfur	34-1	224812	226716	225657	225728	0.42	cps
Terbium	159-1	3039352	3030258	3032772	3034127	0.15	cps
Terbium	159-2	1469645	1488385	1478502	1478844	0.63	cps
Thallium	203-1	92	100	133	108	20.35	cps
Thallium	205-1	175	233	225	211	14.94	cps
Thorium	232-1	39	28	33	33	16.67	cps
Tin	118-1	175	100	117	131	30.17	cps
Titanium	47-1	33	25	17	25	33.32	cps
Uranium	238-1	0	0	0	0	0.00	cps
Vanadium	51-2	3	3	0	2	86.60	cps
Yttrium	89-1	2756435	2748172	2739276	2747961	0.31	cps
Yttrium	89-2	402919	411393	406267	406859	1.05	cps

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 11:41:39	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	67	70	60	66	7.77	cps
Zirconium	90-1	183	275	192	217	23.39	cps
Zirconium	91-1	58	25	67	50	44.10	cps

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 11:49:27	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	933	908	1008	950	5.48	cps
Antimony	121-1	4401	3984	4051	4145	5.40	cps
Arsenic	75-2	93	106	87	95	10.00	cps
Barium	135-1	5968	6185	6510	6221	4.39	cps
Barium	137-1	10738	10846	10129	10571	3.66	cps
Beryllium	9-1	1237	1243	1277	1252	1.71	cps
Bismuth	209-1	1543526	1552938	1544331	1546932	0.34	cps
Bismuth	209-2	942741	963175	954882	953599	1.08	cps
Boron	10-1	5118	5651	5343	5371	4.99	cps
Boron	11-1	22351	23494	22877	22907	2.50	cps
Cadmium	111-1	1198	1271	1231	1234	2.98	cps
Cadmium	106-1	892	950	1008	950	6.14	cps
Cadmium	108-1	38	63	71	57	30.46	cps
Calcium	43-1	6502	6393	6160	6352	2.75	cps
Calcium	44-1	104971	103888	103922	104260	0.59	cps
Chromium	52-2	2587	2550	2530	2556	1.12	cps
Cobalt	59-2	1310	1410	1487	1402	6.32	cps
Copper	63-2	1860	1903	1960	1908	2.63	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	0	25	8	11	114.58	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	17	33	8	19	65.47	cps
Gadolinium	160-2	53	43	43	47	12.37	cps
Holmium	165-1	2609026	2627532	2599654	2612071	0.54	cps
Holmium	165-2	1422340	1458010	1434931	1438427	1.26	cps
Indium	115-1	1862910	1876184	1850417	1863171	0.69	cps
Indium	115-2	412273	419273	415281	415609	0.84	cps
Iron	56-2	47120	46446	45850	46472	1.37	cps
Iron	57-2	1233	1400	1295	1309	6.44	cps
Krypton	83-1	130	117	100	116	13.01	cps
Lead	206-1	1889	1756	1789	1811	3.83	cps
Lead	207-1	1583	1322	1572	1493	9.89	cps
Lead	208-1	7268	7040	7101	7136	1.65	cps
Lithium	6-1	1531704	1527795	1518539	1526013	0.44	cps
Magnesium	24-2	58297	57452	58532	58094	0.98	cps

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 11:49:27	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	683	620	720	674	7.50	cps
Molybdenum	94-1	5360	6143	5560	5687	7.16	cps
Molybdenum	95-1	7344	6969	7336	7216	2.97	cps
Molybdenum	96-1	8069	8036	7786	7964	1.95	cps
Molybdenum	97-1	4701	4418	4668	4595	3.37	cps
Molybdenum	98-1	11238	11647	10846	11244	3.56	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	370	363	353	362	2.32	cps
Phosphorus	31-2	217	150	183	183	18.18	cps
Potassium	39-2	59068	59579	57830	58826	1.53	cps
Rhodium	103-1	1900948	1915216	1920788	1912317	0.54	cps
Rhodium	103-2	949802	961351	957171	956108	0.61	cps
Scandium	45-1	2200207	2223712	2218348	2214089	0.56	cps
Scandium	45-2	107248	108130	108396	107925	0.56	cps
Selenium	77-2	23	13	17	18	28.64	cps
Selenium	78-2	80	89	94	88	8.54	cps
Selenium	82-1	298	349	293	313	9.86	cps
Silicon	28-1	123263	122539	121221	122341	0.85	cps
Silver	109-1	3050	2925	2909	2962	2.61	cps
Silver	107-1	3242	3067	3267	3192	3.41	cps
Sodium	23-2	117003	116641	114878	116174	0.98	cps
Strontium	86-1	1092	1008	975	1025	5.86	cps
Strontium	88-1	7694	7986	7944	7875	2.00	cps
Sulfur	34-1	225566	228517	224703	226262	0.88	cps
Terbium	159-1	2794965	2804694	2766208	2788622	0.72	cps
Terbium	159-2	1463871	1472919	1459892	1465561	0.46	cps
Thallium	203-1	1942	2184	2175	2100	6.53	cps
Thallium	205-1	5451	5493	5135	5360	3.66	cps
Thorium	232-1	7369	7341	7169	7293	1.49	cps
Tin	118-1	9904	9720	9278	9634	3.34	cps
Titanium	47-1	2734	2767	2834	2778	1.83	cps
Uranium	238-1	7953	7528	7753	7744	2.75	cps
Vanadium	51-2	4881	4938	5004	4941	1.25	cps
Yttrium	89-1	2635761	2647621	2630015	2637799	0.34	cps
Yttrium	89-2	389332	396889	393280	393167	0.96	cps

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 11:49:27	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	323	360	350	344	5.50	cps
Zirconium	90-1	4918	4759	4809	4829	1.68	cps
Zirconium	91-1	1050	925	975	983	6.40	cps

LB Number : LB104022 Operator : Jaswal
 Lab Sample ID : S03 Instrumnet Name : P7
 Client Sample ID : S03 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 11:53:32 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50478	49366	48195	49346	2.31	cps
Antimony	121-1	112809	113742	112112	112888	0.72	cps
Arsenic	75-2	5108	4821	4775	4901	3.69	cps
Barium	135-1	154669	154955	151273	153633	1.33	cps
Barium	137-1	265493	266967	264481	265647	0.47	cps
Beryllium	9-1	63027	62234	61363	62208	1.34	cps
Bismuth	209-1	1553912	1558841	1559532	1557428	0.20	cps
Bismuth	209-2	965642	977864	969039	970849	0.65	cps
Boron	10-1	10654	10813	11622	11029	4.70	cps
Boron	11-1	47216	48069	47743	47676	0.90	cps
Cadmium	111-1	32602	32951	32086	32547	1.34	cps
Cadmium	106-1	4518	4801	4559	4626	3.31	cps
Cadmium	108-1	2463	2617	2496	2525	3.21	cps
Calcium	43-1	64399	66709	66567	65892	1.97	cps
Calcium	44-1	1047505	1051719	1043922	1047715	0.37	cps
Chromium	52-2	58425	58185	56046	57552	2.28	cps
Cobalt	59-2	76331	75644	74800	75591	1.01	cps
Copper	63-2	93788	94016	91772	93192	1.33	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	10	3	4	114.60	cps
Erbium	164-1	0	8	0	3	173.21	cps
Erbium	164-2	0	3	7	3	100.05	cps
Gadolinium	160-1	25	8	17	17	50.01	cps
Gadolinium	160-2	43	37	43	41	9.35	cps
Holmium	165-1	2729089	2755728	2722076	2735631	0.65	cps
Holmium	165-2	1474926	1485972	1468239	1476379	0.61	cps
Indium	115-1	1895912	1895441	1879334	1890229	0.50	cps
Indium	115-2	417649	420821	419890	419453	0.39	cps
Iron	56-2	2055222	2053148	1969115	2025829	2.42	cps
Iron	57-2	53888	53587	51942	53139	1.97	cps
Krypton	83-1	133	87	90	103	25.20	cps
Lead	206-1	93332	92357	93511	93067	0.67	cps
Lead	207-1	82663	82137	82473	82424	0.32	cps
Lead	208-1	370014	368507	369069	369197	0.21	cps
Lithium	6-1	1522613	1519934	1512501	1518349	0.35	cps
Magnesium	24-2	581047	576875	566254	574725	1.33	cps

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 11:53:32	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	66031	66151	65107	65763	0.87	cps
Molybdenum	94-1	335974	340326	334916	337072	0.85	cps
Molybdenum	95-1	428814	425309	426487	426870	0.42	cps
Molybdenum	96-1	470968	469272	465912	468717	0.55	cps
Molybdenum	97-1	262881	263682	263129	263231	0.16	cps
Molybdenum	98-1	675483	675610	675051	675381	0.04	cps
Neodymium	150-1	7	33	20	20	66.65	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	18772	19443	18418	18878	2.76	cps
Phosphorus	31-2	3284	2984	2825	3031	7.68	cps
Potassium	39-2	262720	264899	263027	263549	0.45	cps
Rhodium	103-1	1929499	1933525	1936973	1933332	0.19	cps
Rhodium	103-2	966439	967139	958362	963980	0.51	cps
Scandium	45-1	2222792	2223216	2228993	2225000	0.16	cps
Scandium	45-2	109683	109612	110545	109946	0.47	cps
Selenium	77-2	190	180	180	183	3.15	cps
Selenium	78-2	528	635	519	561	11.57	cps
Selenium	82-1	2969	3040	3103	3037	2.20	cps
Silicon	28-1	254054	256767	256394	255738	0.57	cps
Silver	109-1	142276	143051	139053	141460	1.50	cps
Silver	107-1	148058	146982	147208	147416	0.38	cps
Sodium	23-2	1143244	1139044	1131397	1137895	0.53	cps
Strontium	86-1	47145	47772	46961	47293	0.90	cps
Strontium	88-1	404121	398772	401054	401316	0.67	cps
Sulfur	34-1	250623	246659	245414	247565	1.10	cps
Terbium	159-1	2899071	2906351	2878554	2894659	0.50	cps
Terbium	159-2	1496234	1496294	1498672	1497066	0.09	cps
Thallium	203-1	108423	105928	108196	107516	1.28	cps
Thallium	205-1	264407	264068	264009	264161	0.08	cps
Thorium	232-1	419080	427087	421117	422428	0.99	cps
Tin	118-1	94659	96305	92916	94626	1.79	cps
Titanium	47-1	167600	167179	167358	167379	0.13	cps
Uranium	238-1	423115	427644	423944	424901	0.57	cps
Vanadium	51-2	48617	48667	47507	48263	1.36	cps
Yttrium	89-1	2700795	2683380	2685133	2689769	0.36	cps
Yttrium	89-2	402402	407028	401747	403726	0.71	cps

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 11:53:32	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	15068	14871	14327	14755	2.60	cps
Zirconium	90-1	255892	255847	247116	252952	2.00	cps
Zirconium	91-1	57291	56437	56704	56811	0.77	cps

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 11:57:38	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	120557	119004	121373	120311	1.00	cps
Antimony	121-1	290725	293274	288369	290789	0.84	cps
Arsenic	75-2	12672	12070	12072	12271	2.83	cps
Barium	135-1	389326	393144	387872	390114	0.70	cps
Barium	137-1	668448	678128	668412	671663	0.83	cps
Beryllium	9-1	153533	153411	152492	153145	0.37	cps
Bismuth	209-1	1563138	1557981	1559934	1560351	0.17	cps
Bismuth	209-2	953505	955578	964633	957905	0.62	cps
Boron	10-1	26098	26173	27726	26666	3.45	cps
Boron	11-1	112709	116185	116840	115245	1.93	cps
Cadmium	111-1	79815	81001	79629	80148	0.93	cps
Cadmium	106-1	10129	9904	10204	10079	1.55	cps
Cadmium	108-1	6635	6522	6172	6443	3.74	cps
Calcium	43-1	165911	167573	165996	166493	0.56	cps
Calcium	44-1	2598289	2613875	2585037	2599067	0.56	cps
Chromium	52-2	144527	141373	145166	143689	1.41	cps
Cobalt	59-2	191360	184675	188493	188176	1.78	cps
Copper	63-2	232948	229487	234140	232191	1.04	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	20	7	13	13	49.99	cps
Erbium	164-1	8	8	25	14	69.31	cps
Erbium	164-2	10	0	7	6	91.64	cps
Gadolinium	160-1	8	17	8	11	43.34	cps
Gadolinium	160-2	40	33	40	38	10.19	cps
Holmium	165-1	2749102	2778536	2771424	2766354	0.56	cps
Holmium	165-2	1486809	1476374	1513331	1492171	1.28	cps
Indium	115-1	1882460	1910501	1885467	1892809	0.81	cps
Indium	115-2	422290	420788	427413	423497	0.82	cps
Iron	56-2	5120952	4955964	5045855	5040924	1.64	cps
Iron	57-2	132067	131191	133696	132318	0.96	cps
Krypton	83-1	107	97	110	104	6.64	cps
Lead	206-1	234429	232826	230878	232711	0.76	cps
Lead	207-1	205966	208075	208156	207399	0.60	cps
Lead	208-1	929173	930018	927189	928793	0.16	cps
Lithium	6-1	1500959	1501459	1488781	1497067	0.48	cps
Magnesium	24-2	1397628	1371657	1394763	1388016	1.03	cps

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 11:57:38	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	164878	162574	166091	164514	1.09	cps
Molybdenum	94-1	835002	839379	833473	835951	0.37	cps
Molybdenum	95-1	1073180	1070818	1065126	1069708	0.39	cps
Molybdenum	96-1	1170116	1185233	1172139	1175830	0.70	cps
Molybdenum	97-1	671681	671530	659775	667662	1.02	cps
Molybdenum	98-1	1686613	1704948	1670931	1687497	1.01	cps
Neodymium	150-1	60	20	60	47	49.49	cps
Neodymium	150-2	3	0	10	4	114.60	cps
Nickel	60-2	46998	45962	47367	46776	1.56	cps
Phosphorus	31-2	7652	7452	6927	7344	5.10	cps
Potassium	39-2	639040	633424	647004	639822	1.07	cps
Rhodium	103-1	1943357	1933918	1933217	1936831	0.29	cps
Rhodium	103-2	968140	958223	976951	967772	0.97	cps
Scandium	45-1	2226948	2264784	2212270	2234667	1.21	cps
Scandium	45-2	110082	108443	110421	109649	0.96	cps
Selenium	77-2	407	327	327	353	13.07	cps
Selenium	78-2	1289	1313	1319	1307	1.21	cps
Selenium	82-1	7590	7730	7870	7730	1.81	cps
Silicon	28-1	483101	486739	485106	484982	0.38	cps
Silver	109-1	351057	356486	350309	352617	0.96	cps
Silver	107-1	369762	373445	374564	372590	0.67	cps
Sodium	23-2	2745000	2714446	2737693	2732379	0.58	cps
Strontium	86-1	117721	119352	120184	119086	1.05	cps
Strontium	88-1	1001922	1017755	1004126	1007934	0.85	cps
Sulfur	34-1	283339	280534	279506	281126	0.71	cps
Terbium	159-1	2940695	2959063	2908444	2936067	0.87	cps
Terbium	159-2	1511992	1500070	1539700	1517254	1.34	cps
Thallium	203-1	277196	280907	278963	279022	0.67	cps
Thallium	205-1	667937	668099	666752	667596	0.11	cps
Thorium	232-1	1075613	1082078	1071324	1076338	0.50	cps
Tin	118-1	240127	244617	239473	241406	1.16	cps
Titanium	47-1	419088	422667	415264	419006	0.88	cps
Uranium	238-1	1063914	1066289	1057768	1062657	0.41	cps
Vanadium	51-2	122499	118541	121533	120858	1.71	cps
Yttrium	89-1	2694199	2717690	2711182	2707690	0.45	cps
Yttrium	89-2	412005	401593	417424	410341	1.96	cps

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 11:57:38	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	36375	35707	36455	36179	1.14	cps
Zirconium	90-1	638701	636393	640356	638484	0.31	cps
Zirconium	91-1	143732	145357	144271	144453	0.57	cps

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 12:01:42	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	232976	232031	228840	231282	0.94	cps
Antimony	121-1	575821	568492	565047	569787	0.97	cps
Arsenic	75-2	23795	24487	23881	24055	1.57	cps
Barium	135-1	772967	770393	764656	769339	0.55	cps
Barium	137-1	1327549	1312847	1320457	1320284	0.56	cps
Beryllium	9-1	294355	291709	287025	291030	1.28	cps
Bismuth	209-1	1541740	1532728	1533382	1535950	0.33	cps
Bismuth	209-2	941781	956756	948162	948900	0.79	cps
Boron	10-1	52283	51104	50267	51218	1.98	cps
Boron	11-1	218903	215810	222475	219062	1.52	cps
Cadmium	111-1	159265	157609	154736	157203	1.46	cps
Cadmium	106-1	18763	18905	18788	18819	0.40	cps
Cadmium	108-1	12852	12648	12652	12717	0.92	cps
Calcium	43-1	320785	322538	321488	321604	0.27	cps
Calcium	44-1	5090620	5068788	5028813	5062740	0.62	cps
Chromium	52-2	276313	279353	276521	277396	0.61	cps
Cobalt	59-2	360899	365815	364858	363857	0.72	cps
Copper	63-2	447618	451904	446529	448684	0.63	cps
Dysprosium	156-1	25	33	25	28	17.31	cps
Dysprosium	156-2	20	30	23	24	20.83	cps
Erbium	164-1	17	8	17	14	34.67	cps
Erbium	164-2	20	3	17	13	66.16	cps
Gadolinium	160-1	42	25	8	25	66.68	cps
Gadolinium	160-2	33	60	40	44	31.23	cps
Holmium	165-1	2716172	2712927	2730379	2719826	0.34	cps
Holmium	165-2	1480245	1487129	1486320	1484565	0.25	cps
Indium	115-1	1873600	1868299	1857852	1866584	0.43	cps
Indium	115-2	410439	412608	412734	411927	0.31	cps
Iron	56-2	9865968	9881457	9857361	9868262	0.12	cps
Iron	57-2	257930	261463	260089	259827	0.69	cps
Krypton	83-1	117	140	100	119	16.90	cps
Lead	206-1	459162	459333	457949	458815	0.16	cps
Lead	207-1	409557	406068	408015	407880	0.43	cps
Lead	208-1	1838311	1827188	1833513	1833004	0.30	cps
Lithium	6-1	1448212	1434760	1439545	1440839	0.47	cps
Magnesium	24-2	2696781	2723612	2665611	2695335	1.08	cps

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 12:01:42	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	318427	322025	322063	320839	0.65	cps
Molybdenum	94-1	1625468	1635379	1626608	1629152	0.33	cps
Molybdenum	95-1	2090348	2059209	2064851	2071469	0.80	cps
Molybdenum	96-1	2323204	2318227	2311398	2317610	0.26	cps
Molybdenum	97-1	1268793	1255372	1259370	1261178	0.55	cps
Molybdenum	98-1	3337642	3342519	3325735	3335299	0.26	cps
Neodymium	150-1	33	93	40	56	59.20	cps
Neodymium	150-2	10	3	3	6	69.34	cps
Nickel	60-2	91399	93412	91936	92249	1.13	cps
Phosphorus	31-2	13548	13632	13598	13593	0.31	cps
Potassium	39-2	1208716	1221771	1219122	1216536	0.57	cps
Rhodium	103-1	1899099	1884288	1886203	1889863	0.43	cps
Rhodium	103-2	939564	935263	938110	937646	0.23	cps
Scandium	45-1	2194742	2161845	2170566	2175718	0.78	cps
Scandium	45-2	107537	107194	106915	107215	0.29	cps
Selenium	77-2	737	743	753	744	1.13	cps
Selenium	78-2	2467	2510	2395	2457	2.36	cps
Selenium	82-1	15379	15095	15096	15190	1.08	cps
Silicon	28-1	842187	843278	835902	840456	0.47	cps
Silver	109-1	689124	684889	673972	682662	1.15	cps
Silver	107-1	727547	721478	713422	720816	0.98	cps
Sodium	23-2	5322785	5351365	5275627	5316592	0.72	cps
Strontium	86-1	231928	234182	234003	233371	0.54	cps
Strontium	88-1	1944169	1951227	1938552	1944649	0.33	cps
Sulfur	34-1	329188	323319	317304	323271	1.84	cps
Terbium	159-1	2888996	2884176	2875948	2883040	0.23	cps
Terbium	159-2	1501510	1504182	1507964	1504552	0.22	cps
Thallium	203-1	546914	545753	549046	547238	0.31	cps
Thallium	205-1	1309032	1317144	1317230	1314469	0.36	cps
Thorium	232-1	2132279	2141566	2139986	2137944	0.23	cps
Tin	118-1	477709	473382	469283	473458	0.89	cps
Titanium	47-1	820848	808751	809487	813029	0.83	cps
Uranium	238-1	2097168	2104699	2122153	2108007	0.61	cps
Vanadium	51-2	238155	238498	235900	237518	0.59	cps
Yttrium	89-1	2680395	2659459	2673089	2670981	0.40	cps
Yttrium	89-2	401310	401268	398847	400475	0.35	cps

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 12:01:42	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	71156	70810	69776	70581	1.02	cps
Zirconium	90-1	1237119	1239104	1243809	1240011	0.28	cps
Zirconium	91-1	282250	284581	284375	283735	0.45	cps

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 12:05:43	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	451281	468367	464721	461457	1.95	cps
Antimony	121-1	1126865	1124560	1142495	1131307	0.86	cps
Arsenic	75-2	48867	49469	49924	49420	1.07	cps
Barium	135-1	1526108	1535366	1542303	1534592	0.53	cps
Barium	137-1	2629700	2632972	2633671	2632114	0.08	cps
Beryllium	9-1	567487	564488	568741	566905	0.39	cps
Bismuth	209-1	1536066	1528711	1525018	1529932	0.37	cps
Bismuth	209-2	937870	950087	954296	947417	0.90	cps
Boron	10-1	98175	98176	100475	98942	1.34	cps
Boron	11-1	423494	430041	432695	428743	1.10	cps
Cadmium	111-1	314308	311044	313092	312815	0.53	cps
Cadmium	106-1	36815	36423	35855	36365	1.33	cps
Cadmium	108-1	25598	24672	24225	24832	2.82	cps
Calcium	43-1	641514	639525	645773	642271	0.50	cps
Calcium	44-1	10110047	10108876	10271851	10163591	0.92	cps
Chromium	52-2	549694	566006	566576	560759	1.71	cps
Cobalt	59-2	724263	737930	743137	735110	1.33	cps
Copper	63-2	889147	900058	909452	899552	1.13	cps
Dysprosium	156-1	50	8	25	28	75.51	cps
Dysprosium	156-2	37	53	47	46	18.41	cps
Erbium	164-1	33	42	0	25	88.19	cps
Erbium	164-2	17	7	10	11	45.82	cps
Gadolinium	160-1	42	42	25	36	26.65	cps
Gadolinium	160-2	57	60	47	54	12.74	cps
Holmium	165-1	2761816	2751298	2785201	2766105	0.63	cps
Holmium	165-2	1500969	1533520	1541779	1525422	1.41	cps
Indium	115-1	1860925	1858331	1887960	1869072	0.88	cps
Indium	115-2	410458	416781	424032	417090	1.63	cps
Iron	56-2	19848648	20118046	20087872	20018189	0.74	cps
Iron	57-2	514854	529304	525721	523293	1.44	cps
Krypton	83-1	90	63	107	87	25.22	cps
Lead	206-1	896832	887604	890915	891784	0.52	cps
Lead	207-1	802264	807639	811721	807208	0.59	cps
Lead	208-1	3554300	3552088	3579300	3561896	0.42	cps
Lithium	6-1	1427142	1413566	1414765	1418491	0.53	cps
Magnesium	24-2	5382174	5444412	5430496	5419028	0.60	cps

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 12:05:43	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	636702	652029	646359	645030	1.20	cps
Molybdenum	94-1	3263501	3238227	3282751	3261493	0.68	cps
Molybdenum	95-1	4178965	4176729	4186465	4180720	0.12	cps
Molybdenum	96-1	4622674	4663472	4660825	4648990	0.49	cps
Molybdenum	97-1	2565681	2576073	2589641	2577131	0.47	cps
Molybdenum	98-1	6696378	6664087	6714641	6691702	0.38	cps
Neodymium	150-1	87	153	127	122	27.45	cps
Neodymium	150-2	27	20	20	22	17.33	cps
Nickel	60-2	181147	184079	185979	183735	1.32	cps
Phosphorus	31-2	26683	28228	28144	27685	3.14	cps
Potassium	39-2	2400282	2445471	2442672	2429475	1.04	cps
Rhodium	103-1	1874591	1876158	1859343	1870031	0.50	cps
Rhodium	103-2	934087	952762	959247	948699	1.38	cps
Scandium	45-1	2198499	2195696	2213271	2202489	0.43	cps
Scandium	45-2	108987	111458	110948	110464	1.18	cps
Selenium	77-2	1533	1507	1617	1552	3.70	cps
Selenium	78-2	5123	5051	5188	5121	1.34	cps
Selenium	82-1	29988	30005	30143	30045	0.28	cps
Silicon	28-1	2104633	2227619	2251412	2194555	3.59	cps
Silver	109-1	1364456	1342317	1332513	1346429	1.22	cps
Silver	107-1	1407453	1389360	1385318	1394044	0.85	cps
Sodium	23-2	10670111	10752996	10770029	10731045	0.50	cps
Strontium	86-1	470383	461314	467393	466363	0.99	cps
Strontium	88-1	3917632	3917857	3978231	3937907	0.89	cps
Sulfur	34-1	434367	431027	429771	431722	0.55	cps
Terbium	159-1	2922898	2888399	2929788	2913695	0.76	cps
Terbium	159-2	1511982	1537450	1549656	1533029	1.25	cps
Thallium	203-1	1099164	1102930	1105498	1102530	0.29	cps
Thallium	205-1	2606658	2574695	2588241	2589865	0.62	cps
Thorium	232-1	4332246	4291487	4286477	4303403	0.58	cps
Tin	118-1	939453	944798	953832	946028	0.77	cps
Titanium	47-1	1585524	1589205	1602298	1592342	0.55	cps
Uranium	238-1	4259400	4226925	4244962	4243762	0.38	cps
Vanadium	51-2	476314	489238	486933	484162	1.42	cps
Yttrium	89-1	2696962	2684987	2719611	2700520	0.65	cps
Yttrium	89-2	404363	415991	417849	412734	1.77	cps

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 12:05:43	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	147442	148331	148886	148220	0.49	cps
Zirconium	90-1	2531691	2515774	2525873	2524446	0.32	cps
Zirconium	91-1	561701	549036	556812	555849	1.15	cps

LB Number : LB104022 Operator : Jaswal
 Lab Sample ID : S07 Instrumnet Name : P7
 Client Sample ID : S07 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 12:09:43 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	948327	971326	945067	954907	1.50	cps
Antimony	121-1	2306779	2284486	2302606	2297957	0.52	cps
Arsenic	75-2	102219	104488	102459	103055	1.21	cps
Barium	135-1	3110776	3121437	3158914	3130376	0.81	cps
Barium	137-1	5404787	5411918	5407269	5407991	0.07	cps
Beryllium	9-1	1124332	1128382	1132142	1128285	0.35	cps
Bismuth	209-1	1519014	1491002	1492376	1500797	1.05	cps
Bismuth	209-2	939371	962771	943570	948571	1.32	cps
Boron	10-1	193922	197008	202319	197749	2.15	cps
Boron	11-1	852992	859539	880731	864421	1.68	cps
Cadmium	111-1	658109	662111	656534	658918	0.44	cps
Cadmium	106-1	77035	76280	75811	76375	0.81	cps
Cadmium	108-1	51176	51916	52819	51970	1.58	cps
Calcium	43-1	1302637	1299054	1318770	1306820	0.80	cps
Calcium	44-1	21062738	21049008	21294678	21135475	0.65	cps
Chromium	52-2	1146361	1155271	1147727	1149786	0.42	cps
Cobalt	59-2	1479493	1493173	1485351	1486006	0.46	cps
Copper	63-2	1864735	1857928	1834832	1852498	0.85	cps
Dysprosium	156-1	67	42	17	42	60.00	cps
Dysprosium	156-2	57	67	67	63	9.12	cps
Erbium	164-1	25	8	17	17	50.01	cps
Erbium	164-2	0	7	10	6	91.64	cps
Gadolinium	160-1	17	17	17	17	0.00	cps
Gadolinium	160-2	43	67	63	58	21.85	cps
Holmium	165-1	2794431	2766329	2749552	2770104	0.82	cps
Holmium	165-2	1478969	1577415	1557024	1537802	3.38	cps
Indium	115-1	1869630	1812995	1840126	1840917	1.54	cps
Indium	115-2	421495	428314	428013	425941	0.90	cps
Iron	56-2	41356331	41158212	40759636	41091393	0.74	cps
Iron	57-2	1095850	1079139	1067171	1080720	1.33	cps
Krypton	83-1	120	87	130	112	20.22	cps
Lead	206-1	1766596	1772438	1765586	1768207	0.21	cps
Lead	207-1	1543732	1574858	1549236	1555942	1.07	cps
Lead	208-1	7042139	7130021	7095020	7089060	0.62	cps
Lithium	6-1	1429833	1390246	1399883	1406654	1.47	cps
Magnesium	24-2	11284096	11396508	11005319	11228641	1.79	cps

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 12:09:43	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1315881	1338226	1322020	1325376	0.87	cps
Molybdenum	94-1	7216758	7160418	7166983	7181387	0.43	cps
Molybdenum	95-1	9311525	9327849	9341816	9327063	0.16	cps
Molybdenum	96-1	10380584	10339639	10457335	10392519	0.57	cps
Molybdenum	97-1	5756487	5753586	5789946	5766673	0.35	cps
Molybdenum	98-1	14795896	15103326	14978811	14959344	1.03	cps
Neodymium	150-1	153	220	220	198	19.46	cps
Neodymium	150-2	23	33	20	26	27.15	cps
Nickel	60-2	369932	375619	371967	372506	0.77	cps
Phosphorus	31-2	57285	59854	58531	58557	2.19	cps
Potassium	39-2	5092080	5135636	5015871	5081196	1.19	cps
Rhodium	103-1	1905862	1834621	1864517	1868333	1.91	cps
Rhodium	103-2	958860	977482	962599	966314	1.02	cps
Scandium	45-1	2292993	2224801	2239512	2252435	1.59	cps
Scandium	45-2	117326	119282	116796	117801	1.11	cps
Selenium	77-2	3060	3170	3124	3118	1.77	cps
Selenium	78-2	10548	10695	10374	10539	1.52	cps
Selenium	82-1	60908	61359	61925	61397	0.83	cps
Silicon	28-1	3240120	3271520	3321948	3277863	1.26	cps
Silver	109-1	2848501	2861017	2860304	2856607	0.25	cps
Silver	107-1	2980202	2998685	3034282	3004390	0.91	cps
Sodium	23-2	22416989	22452025	21964958	22277991	1.22	cps
Strontium	86-1	941717	938832	956588	945712	1.01	cps
Strontium	88-1	8066022	8094461	8125300	8095261	0.37	cps
Sulfur	34-1	666031	674556	675965	672184	0.80	cps
Terbium	159-1	2961455	2899252	2917914	2926207	1.09	cps
Terbium	159-2	1491993	1582059	1583896	1552649	3.38	cps
Thallium	203-1	2180635	2203986	2202926	2195849	0.60	cps
Thallium	205-1	5177843	5273439	5266006	5239096	1.01	cps
Thorium	232-1	8809356	8802643	8935163	8849054	0.84	cps
Tin	118-1	1942043	1921802	1942987	1935611	0.62	cps
Titanium	47-1	3648095	3658871	3644385	3650450	0.21	cps
Uranium	238-1	8688097	8637820	8747489	8691135	0.63	cps
Vanadium	51-2	997254	1009253	998743	1001750	0.65	cps
Yttrium	89-1	2736820	2696791	2727328	2720313	0.77	cps
Yttrium	89-2	427749	434877	429491	430706	0.86	cps

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 12:09:43	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	304430	304896	304550	304625	0.08	cps
Zirconium	90-1	5209564	5205224	5286511	5233766	0.87	cps
Zirconium	91-1	1127969	1128658	1137667	1131432	0.48	cps

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 12:13:39	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4880450	4898099	4915449	4897999	0.36	cps
Antimony	121-1	3034	3309	3150	3164	4.36	cps
Arsenic	75-2	143	146	152	147	3.17	cps
Barium	135-1	417	367	367	383	7.53	cps
Barium	137-1	767	792	642	733	10.96	cps
Beryllium	9-1	150	147	160	152	4.56	cps
Bismuth	209-1	1297848	1282041	1261296	1280395	1.43	cps
Bismuth	209-2	780164	796237	794043	790148	1.10	cps
Boron	10-1	9545	9128	8227	8967	7.51	cps
Boron	11-1	41232	39569	36821	39207	5.68	cps
Cadmium	111-1	700	770	638	702	9.41	cps
Cadmium	106-1	892	933	808	878	7.25	cps
Cadmium	108-1	17	13	17	15	15.76	cps
Calcium	43-1	6346692	6387379	6350093	6361388	0.35	cps
Calcium	44-1	101556961	101993581	102017900	101856147	0.25	cps
Chromium	52-2	19393	19683	19493	19523	0.76	cps
Cobalt	59-2	17781	17591	18192	17854	1.72	cps
Copper	63-2	2487	2717	2797	2667	6.04	cps
Dysprosium	156-1	17	25	42	28	45.82	cps
Dysprosium	156-2	10	17	13	13	25.01	cps
Erbium	164-1	25	8	33	22	57.29	cps
Erbium	164-2	0	3	3	2	86.60	cps
Gadolinium	160-1	33	17	50	33	49.99	cps
Gadolinium	160-2	90	57	53	67	30.41	cps
Holmium	165-1	2531880	2544285	2533036	2536401	0.27	cps
Holmium	165-2	1408903	1424144	1429936	1420994	0.76	cps
Indium	115-1	1659434	1675493	1677406	1670778	0.59	cps
Indium	115-2	386259	397704	400264	394742	1.89	cps
Iron	56-2	197854338	199369010	198122549	198448632	0.41	cps
Iron	57-2	4975483	4997129	5003411	4992008	0.29	cps
Krypton	83-1	120	110	100	110	9.09	cps
Lead	206-1	1522	1517	1433	1491	3.34	cps
Lead	207-1	1328	1167	1272	1256	6.52	cps
Lead	208-1	5895	5717	5823	5812	1.54	cps
Lithium	6-1	1311800	1325092	1334834	1323909	0.87	cps
Magnesium	24-2	54249674	54602982	54906382	54586346	0.60	cps

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 12:13:39	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3747	3827	3981	3852	3.08	cps
Molybdenum	94-1	3217	3259	3084	3187	2.87	cps
Molybdenum	95-1	5285	4868	4643	4932	6.60	cps
Molybdenum	96-1	8344	7394	7477	7739	6.80	cps
Molybdenum	97-1	3034	2900	3050	2995	2.75	cps
Molybdenum	98-1	7819	7077	7511	7469	4.99	cps
Neodymium	150-1	93	40	47	60	48.43	cps
Neodymium	150-2	17	30	17	21	36.45	cps
Nickel	60-2	6972	6718	6952	6881	2.05	cps
Phosphorus	31-2	58	75	117	83	36.05	cps
Potassium	39-2	25412971	25580897	25753913	25582594	0.67	cps
Rhodium	103-1	1629495	1639693	1605026	1624738	1.10	cps
Rhodium	103-2	812532	831093	838917	827514	1.64	cps
Scandium	45-1	2121600	2138489	2141931	2134007	0.51	cps
Scandium	45-2	108883	113585	113004	111824	2.29	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	22	26	31	27	17.56	cps
Selenium	82-1	82	60	96	80	22.74	cps
Silicon	28-1	159653	154986	155710	156783	1.60	cps
Silver	109-1	183	183	192	186	2.59	cps
Silver	107-1	267	175	225	222	20.65	cps
Sodium	23-2	109425586	109530894	109874827	109610436	0.21	cps
Strontium	86-1	3984	3792	3859	3878	2.51	cps
Strontium	88-1	33173	32980	32396	32850	1.23	cps
Sulfur	34-1	166504	166005	161836	164782	1.56	cps
Terbium	159-1	2635385	2665030	2681936	2660784	0.89	cps
Terbium	159-2	1426005	1448655	1448622	1441094	0.91	cps
Thallium	203-1	825	950	700	825	15.15	cps
Thallium	205-1	2042	2125	1859	2009	6.79	cps
Thorium	232-1	1311	1228	1356	1298	5.00	cps
Tin	118-1	800	850	750	800	6.25	cps
Titanium	47-1	675	633	708	672	5.59	cps
Uranium	238-1	583	483	442	503	14.48	cps
Vanadium	51-2	193	173	207	191	8.78	cps
Yttrium	89-1	2488404	2515643	2533516	2512521	0.90	cps
Yttrium	89-2	397182	407020	411544	405249	1.81	cps

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 12:13:39	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2560	2607	2587	2585	0.91	cps
Zirconium	90-1	1242	1333	1383	1320	5.45	cps
Zirconium	91-1	283	283	258	275	5.25	cps

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 12:18:47	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24763	24855	24888	24835	0.26	cps
Antimony	121-1	442420	440080	437681	440060	0.54	cps
Arsenic	75-2	20574	20220	20607	20467	1.05	cps
Barium	135-1	61495	60625	62190	61437	1.28	cps
Barium	137-1	108547	103341	108891	106926	2.91	cps
Beryllium	9-1	118585	116875	118920	118127	0.93	cps
Bismuth	209-1	1537449	1527352	1538985	1534595	0.41	cps
Bismuth	209-2	955584	965584	966489	962552	0.63	cps
Boron	10-1	4051	3992	3992	4012	0.84	cps
Boron	11-1	19205	17327	17611	18047	5.61	cps
Cadmium	111-1	63123	62304	62866	62764	0.67	cps
Cadmium	106-1	6127	6894	6268	6429	6.35	cps
Cadmium	108-1	5668	5393	5585	5548	2.54	cps
Calcium	43-1	26374	26216	26959	26516	1.48	cps
Calcium	44-1	436396	431300	430914	432870	0.71	cps
Chromium	52-2	115739	116311	116879	116310	0.49	cps
Cobalt	59-2	155706	156892	156363	156320	0.38	cps
Copper	63-2	95499	96579	96049	96042	0.56	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	33	0	17	99.99	cps
Erbium	164-2	23	7	3	11	96.43	cps
Gadolinium	160-1	42	8	17	22	78.07	cps
Gadolinium	160-2	63	43	50	52	19.50	cps
Holmium	165-1	2654718	2686121	2710569	2683802	1.04	cps
Holmium	165-2	1496344	1519329	1515813	1510495	0.82	cps
Indium	115-1	1903754	1896915	1923614	1908094	0.73	cps
Indium	115-2	436838	445620	437991	440150	1.08	cps
Iron	56-2	890522	905835	897177	897845	0.86	cps
Iron	57-2	22646	22935	22217	22599	1.60	cps
Krypton	83-1	103	120	80	101	19.87	cps
Lead	206-1	368670	362969	368797	366812	0.91	cps
Lead	207-1	311333	309475	313032	311280	0.57	cps
Lead	208-1	1430736	1426822	1430670	1429409	0.16	cps
Lithium	6-1	1486808	1468599	1472570	1475992	0.65	cps
Magnesium	24-2	145688	144466	143573	144576	0.73	cps

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 12:18:47	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	67571	67256	66697	67175	0.66	cps
Molybdenum	94-1	2379114	2373523	2419466	2390701	1.05	cps
Molybdenum	95-1	4208486	4175912	4179523	4187974	0.43	cps
Molybdenum	96-1	4483745	4522441	4510836	4505674	0.44	cps
Molybdenum	97-1	2584134	2592755	2598184	2591691	0.27	cps
Molybdenum	98-1	6708287	6717392	6723454	6716378	0.11	cps
Neodymium	150-1	27	7	7	13	86.58	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	38694	39844	40011	39517	1.81	cps
Phosphorus	31-2	125	108	67	100	30.05	cps
Potassium	39-2	228549	230362	227635	228849	0.61	cps
Rhodium	103-1	1970763	1949691	1952721	1957725	0.58	cps
Rhodium	103-2	986160	1006429	994485	995691	1.02	cps
Scandium	45-1	2299520	2280251	2305689	2295153	0.58	cps
Scandium	45-2	115711	116765	115996	116157	0.47	cps
Selenium	77-2	600	737	650	662	10.44	cps
Selenium	78-2	2158	2184	2048	2130	3.37	cps
Selenium	82-1	11956	12153	12093	12067	0.84	cps
Silicon	28-1	120741	124244	125715	123567	2.07	cps
Silver	109-1	264868	258340	264636	262615	1.41	cps
Silver	107-1	275627	270313	275527	273822	1.11	cps
Sodium	23-2	484693	483694	485848	484745	0.22	cps
Strontium	86-1	2300	2492	2284	2359	4.91	cps
Strontium	88-1	18529	18271	18488	18429	0.75	cps
Sulfur	34-1	180741	175008	178395	178048	1.62	cps
Terbium	159-1	2860322	2819830	2866639	2848931	0.89	cps
Terbium	159-2	1527740	1542107	1541416	1537088	0.53	cps
Thallium	203-1	439497	435497	435853	436949	0.51	cps
Thallium	205-1	1050318	1038160	1045318	1044599	0.58	cps
Thorium	232-1	1089	967	911	989	9.20	cps
Tin	118-1	325	250	242	272	16.86	cps
Titanium	47-1	1649533	1620977	1631052	1633854	0.89	cps
Uranium	238-1	42	25	58	42	40.00	cps
Vanadium	51-2	99164	99922	100309	99798	0.58	cps
Yttrium	89-1	2720504	2713803	2749960	2728089	0.71	cps
Yttrium	89-2	424676	427443	425215	425778	0.34	cps

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 12:18:47	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	29520	30111	29370	29667	1.32	cps
Zirconium	90-1	1008	992	1017	1006	1.27	cps
Zirconium	91-1	383	300	283	322	16.63	cps

LB Number : LB104022 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P7
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 12:23:28 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	33	50	39	24.75	cps
Antimony	121-1	283	375	400	353	17.41	cps
Arsenic	75-2	9	7	0	6	88.19	cps
Barium	135-1	8	0	0	3	173.21	cps
Barium	137-1	8	0	0	3	173.21	cps
Beryllium	9-1	73	87	50	70	26.51	cps
Bismuth	209-1	1527895	1533606	1543851	1535117	0.53	cps
Bismuth	209-2	947836	956301	957944	954027	0.57	cps
Boron	10-1	2675	2684	2234	2531	10.17	cps
Boron	11-1	11788	11288	10771	11282	4.51	cps
Cadmium	111-1	624	610	573	602	4.38	cps
Cadmium	106-1	883	858	817	853	3.95	cps
Cadmium	108-1	4	4	4	4	0.00	cps
Calcium	43-1	67	83	83	78	12.37	cps
Calcium	44-1	4859	4851	4634	4782	2.67	cps
Chromium	52-2	380	400	397	392	2.73	cps
Cobalt	59-2	20	20	20	20	0.00	cps
Copper	63-2	167	190	187	181	6.97	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	0	17	17	11	86.60	cps
Erbium	164-2	3	13	3	7	86.65	cps
Gadolinium	160-1	25	25	25	25	0.00	cps
Gadolinium	160-2	60	47	43	50	17.64	cps
Holmium	165-1	2727192	2679795	2696769	2701252	0.89	cps
Holmium	165-2	1495090	1497868	1491223	1494727	0.22	cps
Indium	115-1	1947150	1931751	1932138	1937013	0.45	cps
Indium	115-2	436925	442018	441855	440266	0.66	cps
Iron	56-2	2250	2411	2350	2337	3.48	cps
Iron	57-2	100	100	111	104	6.19	cps
Krypton	83-1	123	97	100	107	13.62	cps
Lead	206-1	94	106	106	102	6.30	cps
Lead	207-1	133	72	100	102	30.05	cps
Lead	208-1	428	422	394	415	4.31	cps
Lithium	6-1	1500265	1482786	1488620	1490557	0.60	cps
Magnesium	24-2	175	175	175	175	0.00	cps

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 12:23:28	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20	20	30	23	24.74	cps
Molybdenum	94-1	400	350	350	367	7.87	cps
Molybdenum	95-1	742	567	533	614	18.23	cps
Molybdenum	96-1	633	617	600	617	2.70	cps
Molybdenum	97-1	467	333	267	356	28.64	cps
Molybdenum	98-1	1025	825	817	889	13.27	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	23	20	13	19	26.96	cps
Phosphorus	31-2	75	125	42	81	52.07	cps
Potassium	39-2	13840	13557	12572	13323	4.99	cps
Rhodium	103-1	1993774	1994120	1988850	1992248	0.15	cps
Rhodium	103-2	986945	1001031	995848	994608	0.72	cps
Scandium	45-1	2311468	2308521	2334241	2318077	0.61	cps
Scandium	45-2	117199	118573	117434	117735	0.62	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	22	31	35	30	22.54	cps
Selenium	82-1	6	28	28	21	60.55	cps
Silicon	28-1	103062	101920	103137	102706	0.66	cps
Silver	109-1	42	25	17	28	45.82	cps
Silver	107-1	42	67	42	50	28.87	cps
Sodium	23-2	12414	12339	12289	12347	0.51	cps
Strontium	86-1	233	167	158	186	22.09	cps
Strontium	88-1	50	58	92	67	33.07	cps
Sulfur	34-1	192595	192619	194619	193278	0.60	cps
Terbium	159-1	2844477	2877118	2852687	2858094	0.59	cps
Terbium	159-2	1500236	1533454	1524887	1519526	1.13	cps
Thallium	203-1	208	217	158	194	16.23	cps
Thallium	205-1	608	533	550	564	6.98	cps
Thorium	232-1	239	228	228	231	2.77	cps
Tin	118-1	192	200	217	203	6.28	cps
Titanium	47-1	217	175	133	175	23.81	cps
Uranium	238-1	0	8	25	11	114.58	cps
Vanadium	51-2	7	0	0	2	173.21	cps
Yttrium	89-1	2742878	2728979	2757073	2742977	0.51	cps
Yttrium	89-2	425272	430129	426501	427301	0.59	cps

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 12:23:28	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	80	97	100	92	11.62	cps
Zirconium	90-1	233	300	225	253	16.26	cps
Zirconium	91-1	25	33	67	42	52.92	cps

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 12:27:04	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4733420	4672608	4717349	4707792	0.67	cps
Antimony	121-1	2567	2592	2750	2636	3.77	cps
Arsenic	75-2	33	46	39	40	16.47	cps
Barium	135-1	875	842	1042	920	11.66	cps
Barium	137-1	1734	1667	1642	1681	2.82	cps
Beryllium	9-1	363	417	393	391	6.84	cps
Bismuth	209-1	1442713	1445111	1457398	1448407	0.54	cps
Bismuth	209-2	896084	909084	906165	903778	0.75	cps
Boron	10-1	2409	1884	1934	2075	13.97	cps
Boron	11-1	9762	9812	9095	9556	4.19	cps
Cadmium	111-1	993	951	1010	985	3.06	cps
Cadmium	106-1	925	900	850	892	4.28	cps
Cadmium	108-1	875	821	813	836	4.06	cps
Calcium	43-1	1283673	1279776	1274421	1279290	0.36	cps
Calcium	44-1	21065615	21046299	21033596	21048504	0.08	cps
Chromium	52-2	25205	25008	25579	25264	1.15	cps
Cobalt	59-2	2057	1970	1813	1947	6.34	cps
Copper	63-2	7205	7772	7642	7540	3.94	cps
Dysprosium	156-1	25	0	8	11	114.58	cps
Dysprosium	156-2	7	7	10	8	24.71	cps
Erbium	164-1	17	25	8	17	50.01	cps
Erbium	164-2	7	7	10	8	24.71	cps
Gadolinium	160-1	17	33	25	25	33.32	cps
Gadolinium	160-2	47	47	60	51	15.06	cps
Holmium	165-1	2742135	2779176	2777336	2766216	0.75	cps
Holmium	165-2	1514956	1546107	1541034	1534032	1.09	cps
Indium	115-1	1867017	1879766	1907756	1884847	1.11	cps
Indium	115-2	435101	439200	443125	439142	0.91	cps
Iron	56-2	87234660	86575555	86935796	86915337	0.38	cps
Iron	57-2	2182483	2176284	2177594	2178787	0.15	cps
Krypton	83-1	100	77	103	93	15.57	cps
Lead	206-1	8770	9048	9059	8959	1.83	cps
Lead	207-1	7541	6902	6969	7137	4.92	cps
Lead	208-1	34018	33523	33295	33612	1.10	cps
Lithium	6-1	1468096	1476628	1480239	1474987	0.42	cps
Magnesium	24-2	11953395	11941365	11971019	11955259	0.12	cps

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 12:27:04	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5605	5795	5655	5685	1.73	cps
Molybdenum	94-1	1587374	1564468	1581781	1577874	0.76	cps
Molybdenum	95-1	2793843	2847984	2861523	2834450	1.26	cps
Molybdenum	96-1	3049402	3105385	3098997	3084595	0.99	cps
Molybdenum	97-1	1671785	1683867	1699864	1685172	0.84	cps
Molybdenum	98-1	4483848	4640032	4621529	4581803	1.86	cps
Neodymium	150-1	13	13	33	20	57.74	cps
Neodymium	150-2	3	3	10	6	69.34	cps
Nickel	60-2	2147	2064	2317	2176	5.94	cps
Phosphorus	31-2	301021	296437	300689	299382	0.85	cps
Potassium	39-2	11038597	10897819	10986885	10974433	0.65	cps
Rhodium	103-1	1841024	1879607	1892130	1870920	1.42	cps
Rhodium	103-2	954572	979778	972013	968788	1.33	cps
Scandium	45-1	2320390	2334928	2337299	2330872	0.39	cps
Scandium	45-2	122669	121947	124149	122921	0.91	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	26	24	28	26	7.15	cps
Selenium	82-1	52	49	35	45	20.10	cps
Silicon	28-1	178713	183139	181405	181086	1.23	cps
Silver	109-1	58	142	92	97	43.14	cps
Silver	107-1	133	125	75	111	28.40	cps
Sodium	23-2	24073213	24115561	24178288	24122354	0.22	cps
Strontium	86-1	32479	31511	31519	31836	1.75	cps
Strontium	88-1	275179	275601	280094	276958	0.98	cps
Sulfur	34-1	2770067	2778853	2816485	2788469	0.88	cps
Terbium	159-1	2873907	2890528	2908057	2890831	0.59	cps
Terbium	159-2	1540682	1565332	1566550	1557521	0.94	cps
Thallium	203-1	358	417	533	436	20.43	cps
Thallium	205-1	858	983	1108	983	12.71	cps
Thorium	232-1	228	289	283	267	12.67	cps
Tin	118-1	617	550	508	558	9.79	cps
Titanium	47-1	1154621	1153554	1160275	1156150	0.31	cps
Uranium	238-1	192	200	108	167	30.41	cps
Vanadium	51-2	207	223	197	209	6.45	cps
Yttrium	89-1	2733640	2782790	2817057	2777829	1.51	cps
Yttrium	89-2	438422	443735	448216	443458	1.11	cps

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 12:27:04	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1640	1853	1733	1742	6.14	cps
Zirconium	90-1	442	375	325	381	15.38	cps
Zirconium	91-1	100	42	83	75	40.06	cps

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 12:30:42	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4859400	4914811	4928200	4900804	0.74	cps
Antimony	121-1	48685	49438	50434	49519	1.77	cps
Arsenic	75-2	2115	2208	2248	2190	3.12	cps
Barium	135-1	14133	14241	13766	14046	1.77	cps
Barium	137-1	23763	23905	24272	23980	1.10	cps
Beryllium	9-1	25298	25081	25301	25227	0.50	cps
Bismuth	209-1	1461051	1480913	1487568	1476511	0.93	cps
Bismuth	209-2	892537	910107	902240	901628	0.98	cps
Boron	10-1	13607	13932	13223	13587	2.61	cps
Boron	11-1	60195	60789	60313	60432	0.52	cps
Cadmium	111-1	13859	14001	13952	13937	0.52	cps
Cadmium	106-1	2759	3134	3042	2978	6.57	cps
Cadmium	108-1	1946	2142	1917	2002	6.11	cps
Calcium	43-1	1350389	1356278	1337202	1347956	0.72	cps
Calcium	44-1	22067468	22376139	22248616	22230741	0.70	cps
Chromium	52-2	50379	52343	51814	51512	1.97	cps
Cobalt	59-2	34551	35072	35670	35098	1.60	cps
Copper	63-2	27920	28768	28117	28269	1.57	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	10	7	7	50.03	cps
Erbium	164-1	33	17	0	17	99.99	cps
Erbium	164-2	13	17	0	10	88.20	cps
Gadolinium	160-1	25	25	17	22	21.64	cps
Gadolinium	160-2	83	60	90	78	20.25	cps
Holmium	165-1	2804469	2840617	2856659	2833915	0.94	cps
Holmium	165-2	1520383	1516297	1488691	1508457	1.14	cps
Indium	115-1	1928693	1970344	1968742	1955926	1.21	cps
Indium	115-2	443572	451573	445544	446896	0.93	cps
Iron	56-2	89724524	91026652	90447041	90399406	0.72	cps
Iron	57-2	2211901	2278850	2273471	2254741	1.65	cps
Krypton	83-1	83	97	93	91	7.61	cps
Lead	206-1	45813	46063	46131	46002	0.36	cps
Lead	207-1	38573	38050	38618	38414	0.82	cps
Lead	208-1	176842	175523	176555	176307	0.39	cps
Lithium	6-1	1479332	1499909	1490947	1490063	0.69	cps
Magnesium	24-2	12380653	12547758	12582791	12503734	0.86	cps

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 12:30:42	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20010	20581	21099	20563	2.65	cps
Molybdenum	94-1	1814922	1866596	1839790	1840436	1.40	cps
Molybdenum	95-1	3022142	3060346	3086123	3056204	1.05	cps
Molybdenum	96-1	3274620	3330202	3324085	3309636	0.92	cps
Molybdenum	97-1	1879364	1890607	1894749	1888240	0.42	cps
Molybdenum	98-1	4870814	4942609	4927391	4913605	0.77	cps
Neodymium	150-1	13	20	7	13	49.99	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	9897	10627	10164	10229	3.61	cps
Phosphorus	31-2	305723	312130	317034	311629	1.82	cps
Potassium	39-2	11465472	11555596	11532818	11517962	0.41	cps
Rhodium	103-1	1917725	1963077	1956855	1945885	1.26	cps
Rhodium	103-2	966887	1003131	984124	984714	1.84	cps
Scandium	45-1	2431774	2466264	2456383	2451474	0.72	cps
Scandium	45-2	125473	127991	126370	126611	1.01	cps
Selenium	77-2	70	50	60	60	16.67	cps
Selenium	78-2	206	272	261	246	14.50	cps
Selenium	82-1	1287	1218	1246	1251	2.77	cps
Silicon	28-1	348239	354275	353818	352111	0.95	cps
Silver	109-1	54899	55058	53778	54578	1.28	cps
Silver	107-1	56237	57342	56614	56731	0.99	cps
Sodium	23-2	24894134	25345965	25385629	25208576	1.08	cps
Strontium	86-1	91902	94200	94342	93481	1.47	cps
Strontium	88-1	800224	805451	796991	800889	0.53	cps
Sulfur	34-1	2899256	2939220	2947486	2928654	0.88	cps
Terbium	159-1	2968013	3025928	3035184	3009708	1.21	cps
Terbium	159-2	1541518	1523996	1515953	1527156	0.86	cps
Thallium	203-1	42995	45094	43389	43826	2.55	cps
Thallium	205-1	106988	104963	106936	106296	1.09	cps
Thorium	232-1	845	783	878	835	5.74	cps
Tin	118-1	101138	102875	102044	102019	0.85	cps
Titanium	47-1	1228287	1250184	1247876	1242116	0.97	cps
Uranium	238-1	435167	440301	439102	438190	0.61	cps
Vanadium	51-2	22337	22057	22998	22464	2.15	cps
Yttrium	89-1	2842619	2901638	2904991	2883083	1.22	cps
Yttrium	89-2	443062	455069	453069	450400	1.43	cps

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 12:30:42	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	4407	4921	4751	4693	5.57	cps
Zirconium	90-1	277316	282364	275913	278531	1.22	cps
Zirconium	91-1	62914	62789	64822	63508	1.79	cps

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	CCV003	Instrumnet Name :	P7
Client Sample ID :	CCV003	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 12:34:19	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2940795	2931401	2912068	2928088	0.50	cps
Antimony	121-1	1174938	1146122	1144181	1155080	1.49	cps
Arsenic	75-2	55511	56232	56126	55956	0.70	cps
Barium	135-1	1588249	1555142	1569495	1570962	1.06	cps
Barium	137-1	2761834	2742833	2712417	2739028	0.91	cps
Beryllium	9-1	593081	588233	585972	589095	0.62	cps
Bismuth	209-1	1439353	1428003	1402489	1423282	1.33	cps
Bismuth	209-2	886350	888751	891189	888763	0.27	cps
Boron	10-1	103017	103603	104259	103626	0.60	cps
Boron	11-1	444236	456597	453103	451312	1.41	cps
Cadmium	111-1	342651	337690	335915	338752	1.03	cps
Cadmium	106-1	40066	38971	39038	39358	1.56	cps
Cadmium	108-1	27101	27051	26750	26968	0.70	cps
Calcium	43-1	3538131	3543460	3511988	3531193	0.48	cps
Calcium	44-1	56520433	56246701	56264226	56343787	0.27	cps
Chromium	52-2	629830	638365	637163	635119	0.73	cps
Cobalt	59-2	789181	800273	804798	798084	1.01	cps
Copper	63-2	1024064	1041969	1040317	1035450	0.96	cps
Dysprosium	156-1	33	83	58	58	42.86	cps
Dysprosium	156-2	77	47	43	56	33.05	cps
Erbium	164-1	25	25	17	22	21.64	cps
Erbium	164-2	10	0	7	6	91.64	cps
Gadolinium	160-1	0	25	42	22	94.38	cps
Gadolinium	160-2	73	43	77	64	28.49	cps
Holmium	165-1	2878153	2828927	2762876	2823318	2.05	cps
Holmium	165-2	1544102	1546814	1559269	1550061	0.52	cps
Indium	115-1	1922863	1924950	1880390	1909401	1.32	cps
Indium	115-2	436698	441259	442001	439986	0.65	cps
Iron	56-2	112855116	113836239	112722275	113137877	0.54	cps
Iron	57-2	2860391	2862594	2866613	2863199	0.11	cps
Krypton	83-1	100	107	100	102	3.77	cps
Lead	206-1	862728	857443	847341	855837	0.91	cps
Lead	207-1	781395	769757	766953	772702	0.99	cps
Lead	208-1	3427837	3411661	3386196	3408565	0.62	cps
Lithium	6-1	1472862	1459501	1452750	1461704	0.70	cps
Magnesium	24-2	31043295	30950394	30842840	30945510	0.32	cps

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	CCV003	Instrumnet Name :	P7
Client Sample ID :	CCV003	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 12:34:19	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	716341	730639	724627	723869	0.99	cps
Molybdenum	94-1	3459803	3455628	3459976	3458469	0.07	cps
Molybdenum	95-1	4411917	4401176	4365856	4392983	0.55	cps
Molybdenum	96-1	4893959	4880839	4846101	4873633	0.51	cps
Molybdenum	97-1	2695511	2700575	2693667	2696585	0.13	cps
Molybdenum	98-1	7034449	7079824	7033381	7049218	0.38	cps
Neodymium	150-1	147	233	107	162	39.91	cps
Neodymium	150-2	37	7	20	21	71.19	cps
Nickel	60-2	195994	197816	198531	197447	0.66	cps
Phosphorus	31-2	31417	32879	32478	32258	2.34	cps
Potassium	39-2	14674651	14770367	14697242	14714087	0.34	cps
Rhodium	103-1	1895465	1881126	1879186	1885259	0.47	cps
Rhodium	103-2	956511	955162	952477	954717	0.22	cps
Scandium	45-1	2457001	2470867	2428433	2452100	0.88	cps
Scandium	45-2	126666	126683	127251	126867	0.26	cps
Selenium	77-2	1620	1757	1720	1699	4.16	cps
Selenium	78-2	5653	5697	5749	5700	0.85	cps
Selenium	82-1	31460	31194	30933	31196	0.84	cps
Silicon	28-1	1810035	1839878	1848115	1832676	1.09	cps
Silver	109-1	1481035	1435096	1435293	1450475	1.82	cps
Silver	107-1	1527300	1517216	1513517	1519344	0.47	cps
Sodium	23-2	61986449	62417543	62168818	62190937	0.35	cps
Strontium	86-1	497425	490516	492241	493394	0.73	cps
Strontium	88-1	4215966	4229412	4155961	4200446	0.93	cps
Sulfur	34-1	454315	453688	454501	454168	0.09	cps
Terbium	159-1	2994545	2969534	2944139	2969406	0.85	cps
Terbium	159-2	1579013	1577378	1577730	1578040	0.05	cps
Thallium	203-1	1062023	1046020	1042230	1050091	1.00	cps
Thallium	205-1	2531403	2481562	2448917	2487294	1.67	cps
Thorium	232-1	4339713	4298428	4241412	4293184	1.15	cps
Tin	118-1	977870	956607	953036	962504	1.39	cps
Titanium	47-1	1777977	1768057	1752759	1766264	0.72	cps
Uranium	238-1	4190353	4202292	4165352	4185999	0.45	cps
Vanadium	51-2	554431	559135	554673	556080	0.48	cps
Yttrium	89-1	2872780	2880331	2831269	2861460	0.92	cps
Yttrium	89-2	452776	453004	456778	454186	0.49	cps

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	CCV003	Instrumnet Name :	P7
Client Sample ID :	CCV003	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 12:34:19	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	159639	161986	161896	161174	0.83	cps
Zirconium	90-1	2737732	2727008	2714189	2726310	0.43	cps
Zirconium	91-1	591626	598192	586075	591964	1.02	cps

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	CCB003	Instrumnet Name :	P7
Client Sample ID :	CCB003	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 12:39:08	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	67	133	111	34.64	cps
Antimony	121-1	458	633	542	544	16.08	cps
Arsenic	75-2	7	7	2	6	57.77	cps
Barium	135-1	75	50	92	72	29.04	cps
Barium	137-1	142	117	100	119	17.56	cps
Beryllium	9-1	57	70	60	62	11.15	cps
Bismuth	209-1	1556590	1580173	1568703	1568489	0.75	cps
Bismuth	209-2	943015	959682	970772	957823	1.46	cps
Boron	10-1	3559	3284	3309	3384	4.49	cps
Boron	11-1	16601	15425	14174	15400	7.88	cps
Cadmium	111-1	710	713	682	702	2.43	cps
Cadmium	106-1	958	992	925	958	3.48	cps
Cadmium	108-1	4	8	4	6	43.22	cps
Calcium	43-1	217	175	167	186	14.40	cps
Calcium	44-1	8002	7310	7235	7516	5.63	cps
Chromium	52-2	513	440	467	473	7.84	cps
Cobalt	59-2	47	43	47	46	4.23	cps
Copper	63-2	353	343	283	327	11.59	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	8	17	0	8	100.02	cps
Erbium	164-2	0	3	3	2	86.60	cps
Gadolinium	160-1	8	0	25	11	114.58	cps
Gadolinium	160-2	50	40	43	44	11.46	cps
Holmium	165-1	2779960	2797978	2794317	2790752	0.34	cps
Holmium	165-2	1480799	1456489	1479478	1472255	0.93	cps
Indium	115-1	2011619	2020548	2020069	2017412	0.25	cps
Indium	115-2	447713	454418	463711	455281	1.76	cps
Iron	56-2	7007	6874	7291	7057	3.02	cps
Iron	57-2	167	294	250	237	27.37	cps
Krypton	83-1	97	123	90	103	17.07	cps
Lead	206-1	378	333	367	359	6.44	cps
Lead	207-1	278	317	289	294	6.80	cps
Lead	208-1	1450	1345	1500	1432	5.55	cps
Lithium	6-1	1500301	1510987	1499924	1503738	0.42	cps
Magnesium	24-2	1167	1158	1267	1197	5.03	cps

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	CCB003	Instrumnet Name :	P7
Client Sample ID :	CCB003	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 12:39:08	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	70	67	63	67	5.00	cps
Molybdenum	94-1	558	592	550	567	3.89	cps
Molybdenum	95-1	633	592	683	636	7.22	cps
Molybdenum	96-1	858	700	575	711	19.97	cps
Molybdenum	97-1	450	467	392	436	9.03	cps
Molybdenum	98-1	1142	983	1025	1050	7.82	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	23	20	53	32	56.98	cps
Phosphorus	31-2	50	75	58	61	20.83	cps
Potassium	39-2	15609	15484	15509	15534	0.43	cps
Rhodium	103-1	2059646	2078531	2091671	2076616	0.78	cps
Rhodium	103-2	1019312	1024242	1046432	1029995	1.40	cps
Scandium	45-1	2457096	2479054	2460804	2465651	0.48	cps
Scandium	45-2	122978	124771	126793	124847	1.53	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	41	31	24	32	26.02	cps
Selenium	82-1	33	3	32	23	76.69	cps
Silicon	28-1	112394	111421	112790	112201	0.63	cps
Silver	109-1	150	158	133	147	8.65	cps
Silver	107-1	125	108	158	131	19.50	cps
Sodium	23-2	17586	16843	17319	17249	2.18	cps
Strontium	86-1	133	217	225	192	26.45	cps
Strontium	88-1	233	250	208	231	9.09	cps
Sulfur	34-1	203562	201240	199915	201572	0.92	cps
Terbium	159-1	2937228	2978626	2950757	2955537	0.71	cps
Terbium	159-2	1515048	1533378	1517932	1522119	0.65	cps
Thallium	203-1	258	208	267	244	12.91	cps
Thallium	205-1	642	642	608	631	3.05	cps
Thorium	232-1	694	611	622	643	7.04	cps
Tin	118-1	333	242	325	300	16.90	cps
Titanium	47-1	142	158	133	144	8.81	cps
Uranium	238-1	175	217	217	203	11.86	cps
Vanadium	51-2	17	23	7	16	53.90	cps
Yttrium	89-1	2883176	2899870	2897505	2893517	0.31	cps
Yttrium	89-2	442737	440937	453947	445873	1.58	cps

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	CCB003	Instrumnet Name :	P7
Client Sample ID :	CCB003	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 12:39:08	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	167	153	147	156	6.55	cps
Zirconium	90-1	433	500	417	450	9.80	cps
Zirconium	91-1	100	83	58	81	26.03	cps

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	K3794-01A	Instrumnet Name :	P7
Client Sample ID :	MH11K3A	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 12:42:44	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	651177	643648	652835	649220	0.75	cps
Antimony	121-1	82275	81612	80061	81316	1.40	cps
Arsenic	75-2	6813	6639	7059	6837	3.09	cps
Barium	135-1	1114083	1099954	1098154	1104063	0.79	cps
Barium	137-1	1953468	1938173	1926116	1939252	0.71	cps
Beryllium	9-1	1307	1247	1453	1336	7.96	cps
Bismuth	209-1	1656626	1665323	1648787	1656912	0.50	cps
Bismuth	209-2	998448	1000416	1001521	1000128	0.16	cps
Boron	10-1	30139	31141	31317	30866	2.06	cps
Boron	11-1	136932	134241	138076	136416	1.44	cps
Cadmium	111-1	4128	4465	3960	4184	6.15	cps
Cadmium	106-1	1550	1767	1342	1553	13.69	cps
Cadmium	108-1	338	288	317	314	8.00	cps
Calcium	43-1	1421132	1397364	1417494	1411997	0.91	cps
Calcium	44-1	23180199	23290811	23391486	23287499	0.45	cps
Chromium	52-2	98792	100422	100174	99796	0.88	cps
Cobalt	59-2	19219	20077	19613	19637	2.19	cps
Copper	63-2	695970	702397	704647	701005	0.64	cps
Dysprosium	156-1	19147	18071	17987	18402	3.52	cps
Dysprosium	156-2	10884	10427	10711	10674	2.16	cps
Erbium	164-1	11455	11214	11163	11277	1.38	cps
Erbium	164-2	5785	5888	5678	5784	1.82	cps
Gadolinium	160-1	13082	12339	13165	12862	3.53	cps
Gadolinium	160-2	7299	7812	7806	7639	3.86	cps
Holmium	165-1	2956289	2936458	2970099	2954282	0.57	cps
Holmium	165-2	1531833	1534851	1538480	1535055	0.22	cps
Indium	115-1	2084663	2078000	2086295	2082986	0.21	cps
Indium	115-2	471512	474750	476791	474351	0.56	cps
Iron	56-2	27086131	27141201	27229676	27152336	0.27	cps
Iron	57-2	699490	696259	703953	699901	0.55	cps
Krypton	83-1	123	133	147	134	8.71	cps
Lead	206-1	541921	536188	529762	535957	1.13	cps
Lead	207-1	445094	445230	435448	441924	1.27	cps
Lead	208-1	2076055	2059330	2036592	2057326	0.96	cps
Lithium	6-1	1608404	1600273	1613046	1607241	0.40	cps
Magnesium	24-2	1894274	1890734	1899292	1894767	0.23	cps

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	K3794-01A	Instrumnet Name :	P7
Client Sample ID :	MH11K3A	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 12:42:44	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	766483	773685	782800	774322	1.06	cps
Molybdenum	94-1	11247	10721	11522	11163	3.64	cps
Molybdenum	95-1	9562	9445	9695	9567	1.31	cps
Molybdenum	96-1	11322	12047	11438	11602	3.36	cps
Molybdenum	97-1	6568	6077	6168	6271	4.17	cps
Molybdenum	98-1	15009	15267	15375	15217	1.24	cps
Neodymium	150-1	27341	26460	26506	26769	1.85	cps
Neodymium	150-2	11512	11929	11922	11787	2.03	cps
Nickel	60-2	20017	20758	20915	20563	2.33	cps
Phosphorus	31-2	20757	20640	20782	20726	0.37	cps
Potassium	39-2	1613395	1611731	1624269	1616465	0.42	cps
Rhodium	103-1	2113421	2126969	2128835	2123075	0.40	cps
Rhodium	103-2	1058802	1072765	1088055	1073207	1.36	cps
Scandium	45-1	2595926	2613895	2607189	2605670	0.35	cps
Scandium	45-2	134372	135445	135775	135198	0.54	cps
Selenium	77-2	93	87	80	87	7.70	cps
Selenium	78-2	131	119	130	127	5.54	cps
Selenium	82-1	283	247	213	247	14.19	cps
Silicon	28-1	6167995	6197245	6118547	6161262	0.65	cps
Silver	109-1	129935	128092	131036	129688	1.15	cps
Silver	107-1	136326	135367	135646	135780	0.36	cps
Sodium	23-2	4707818	4652872	4693109	4684600	0.61	cps
Strontium	86-1	471496	459872	466747	466038	1.25	cps
Strontium	88-1	4021736	3976342	4026772	4008283	0.69	cps
Sulfur	34-1	631827	619454	624114	625132	1.00	cps
Terbium	159-1	3115513	3113079	3102491	3110361	0.22	cps
Terbium	159-2	1566597	1551240	1555418	1557752	0.51	cps
Thallium	203-1	5993	5768	5977	5913	2.12	cps
Thallium	205-1	14458	14175	13983	14205	1.68	cps
Thorium	232-1	4745	4512	4529	4595	2.83	cps
Tin	118-1	65746	64398	66408	65517	1.56	cps
Titanium	47-1	183013	181267	180298	181526	0.76	cps
Uranium	238-1	32359	31531	31072	31654	2.06	cps
Vanadium	51-2	47516	48974	48811	48434	1.65	cps
Yttrium	89-1	3249637	3205597	3243945	3233060	0.74	cps
Yttrium	89-2	501477	506680	510760	506306	0.92	cps

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	K3794-01A	Instrumnet Name :	P7
Client Sample ID :	MH11K3A	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 12:42:44	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	343705	347780	349421	346969	0.85	cps
Zirconium	90-1	18244	16202	15734	16727	7.98	cps
Zirconium	91-1	3376	3726	3701	3601	5.42	cps

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	K3794-01ADLX2	Instrumnet Name :	P7
Client Sample ID :	MH11K3A	Dilution Factor :	2
Date & Time Acquired ::	2019-07-17 12:46:19	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	308386	312766	316779	312644	1.34	cps
Antimony	121-1	39147	36699	38579	38142	3.36	cps
Arsenic	75-2	3174	3117	3036	3109	2.25	cps
Barium	135-1	552359	540595	532567	541840	1.84	cps
Barium	137-1	956425	939184	933554	943055	1.26	cps
Beryllium	9-1	690	780	647	706	9.64	cps
Bismuth	209-1	1627670	1607059	1603015	1612581	0.82	cps
Bismuth	209-2	945435	958491	962228	955384	0.92	cps
Boron	10-1	17119	16735	16793	16882	1.22	cps
Boron	11-1	74476	73989	73395	73954	0.73	cps
Cadmium	111-1	2354	2407	2026	2262	9.11	cps
Cadmium	106-1	1258	1408	1033	1233	15.30	cps
Cadmium	108-1	117	154	163	144	16.90	cps
Calcium	43-1	713001	704881	691490	703124	1.54	cps
Calcium	44-1	11389030	11355780	11322027	11355612	0.30	cps
Chromium	52-2	47754	48433	49068	48418	1.36	cps
Cobalt	59-2	9810	9753	9316	9627	2.81	cps
Copper	63-2	336155	337862	344515	339510	1.30	cps
Dysprosium	156-1	9078	8970	9145	9064	0.97	cps
Dysprosium	156-2	4864	5281	5268	5138	4.61	cps
Erbium	164-1	5660	5476	5301	5479	3.27	cps
Erbium	164-2	2917	2867	2774	2853	2.55	cps
Gadolinium	160-1	6635	5768	6168	6191	7.01	cps
Gadolinium	160-2	3647	3737	3804	3729	2.11	cps
Holmium	165-1	2940130	2916815	2908531	2921825	0.56	cps
Holmium	165-2	1494005	1535461	1497051	1508839	1.53	cps
Indium	115-1	2090400	2066573	2065616	2074196	0.68	cps
Indium	115-2	454715	459706	461480	458634	0.76	cps
Iron	56-2	13113258	13119280	13155660	13129399	0.17	cps
Iron	57-2	334275	338786	340446	337836	0.95	cps
Krypton	83-1	113	127	93	111	15.10	cps
Lead	206-1	264680	259600	257674	260651	1.39	cps
Lead	207-1	217570	216252	214727	216183	0.66	cps
Lead	208-1	1018269	997733	991187	1002396	1.41	cps
Lithium	6-1	1613743	1577672	1579421	1590279	1.28	cps
Magnesium	24-2	916608	929377	943865	929950	1.47	cps

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	K3794-01ADLX2	Instrumnet Name :	P7
Client Sample ID :	MH11K3A	Dilution Factor :	2
Date & Time Acquired ::	2019-07-17 12:46:19	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	370766	376765	375659	374397	0.85	cps
Molybdenum	94-1	6103	5835	6260	6066	3.54	cps
Molybdenum	95-1	4501	4918	4601	4673	4.66	cps
Molybdenum	96-1	5785	5576	5535	5632	2.38	cps
Molybdenum	97-1	3092	3209	2959	3087	4.05	cps
Molybdenum	98-1	7844	7602	7611	7686	1.79	cps
Neodymium	150-1	13167	13033	13160	13120	0.57	cps
Neodymium	150-2	5568	5848	5675	5697	2.48	cps
Nickel	60-2	9954	9840	10370	10055	2.78	cps
Phosphorus	31-2	9770	9095	10638	9834	7.86	cps
Potassium	39-2	779771	786614	805235	790540	1.67	cps
Rhodium	103-1	2132187	2102837	2113000	2116008	0.70	cps
Rhodium	103-2	1036719	1046567	1056914	1046733	0.96	cps
Scandium	45-1	2584924	2552092	2573873	2570296	0.65	cps
Scandium	45-2	129503	132015	131977	131165	1.10	cps
Selenium	77-2	43	47	27	39	27.55	cps
Selenium	78-2	69	87	87	81	13.22	cps
Selenium	82-1	140	133	188	153	19.69	cps
Silicon	28-1	3108372	3081454	3050769	3080198	0.94	cps
Silver	109-1	64849	63519	62849	63739	1.60	cps
Silver	107-1	67904	67386	65435	66908	1.95	cps
Sodium	23-2	2246755	2267571	2301512	2271946	1.22	cps
Strontium	86-1	230602	224971	225236	226936	1.40	cps
Strontium	88-1	1977163	1934281	1951314	1954253	1.10	cps
Sulfur	34-1	414547	418591	403148	412095	1.94	cps
Terbium	159-1	3092699	3045743	3051526	3063323	0.84	cps
Terbium	159-2	1514228	1508298	1532119	1518215	0.82	cps
Thallium	203-1	2867	2600	2734	2734	4.88	cps
Thallium	205-1	6494	6960	6960	6805	3.96	cps
Thorium	232-1	2467	2211	2184	2287	6.83	cps
Tin	118-1	32497	31177	31369	31681	2.25	cps
Titanium	47-1	91055	88062	90292	89803	1.73	cps
Uranium	238-1	15719	15184	15276	15393	1.86	cps
Vanadium	51-2	23155	23098	23232	23162	0.29	cps
Yttrium	89-1	3135442	3100214	3070096	3101917	1.05	cps
Yttrium	89-2	467516	475724	476782	473341	1.07	cps

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	K3794-01ADLX2	Instrumnet Name :	P7
Client Sample ID :	MH11K3A	Dilution Factor :	2
Date & Time Acquired ::	2019-07-17 12:46:19	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	167751	169035	172063	169617	1.31	cps
Zirconium	90-1	10425	8111	7319	8618	18.73	cps
Zirconium	91-1	1967	1892	1567	1809	11.76	cps

LB Number : LB104022 Operator : Jaswal
 Lab Sample ID : K3793-15DLX2 Instrumnet Name : P7
 Client Sample ID : MH11K6 Dilution Factor : 2
 Date & Time Acquired :: 2019-07-17 12:49:55 DataFile Name : 021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	287226	293909	288891	290009	1.20	cps
Antimony	121-1	5977	6293	6018	6096	2.82	cps
Arsenic	75-2	1028	1056	1006	1030	2.43	cps
Barium	135-1	128877	129585	127513	128658	0.82	cps
Barium	137-1	221161	225261	215517	220646	2.22	cps
Beryllium	9-1	670	633	670	658	3.22	cps
Bismuth	209-1	1604017	1634204	1596310	1611510	1.24	cps
Bismuth	209-2	946081	972120	971608	963270	1.55	cps
Boron	10-1	22309	22217	21891	22139	0.99	cps
Boron	11-1	94730	100088	99116	97978	2.91	cps
Cadmium	111-1	2079	2026	2071	2059	1.39	cps
Cadmium	106-1	1133	1250	1192	1192	4.90	cps
Cadmium	108-1	133	142	150	142	5.88	cps
Calcium	43-1	466024	466110	460835	464323	0.65	cps
Calcium	44-1	7416467	7480455	7494839	7463920	0.56	cps
Chromium	52-2	33498	34056	34724	34093	1.80	cps
Cobalt	59-2	8112	7812	7992	7972	1.90	cps
Copper	63-2	120004	121624	119009	120212	1.10	cps
Dysprosium	156-1	8511	7627	7569	7903	6.68	cps
Dysprosium	156-2	4424	4361	4344	4376	0.96	cps
Erbium	164-1	5176	5435	5276	5296	2.46	cps
Erbium	164-2	2607	2817	2817	2747	4.41	cps
Gadolinium	160-1	5785	5668	5593	5682	1.70	cps
Gadolinium	160-2	3444	3287	3477	3403	2.98	cps
Holmium	165-1	2856132	2928469	2883556	2889386	1.26	cps
Holmium	165-2	1527647	1559130	1497858	1528212	2.00	cps
Indium	115-1	2064610	2094031	2070030	2076224	0.75	cps
Indium	115-2	457411	460635	467930	461992	1.17	cps
Iron	56-2	9812053	9797655	9924463	9844724	0.71	cps
Iron	57-2	251308	252179	254011	252499	0.55	cps
Krypton	83-1	137	157	113	136	16.00	cps
Lead	206-1	296457	294203	286463	292374	1.79	cps
Lead	207-1	242461	241937	238534	240977	0.88	cps
Lead	208-1	1118977	1126083	1101766	1115609	1.12	cps
Lithium	6-1	1593619	1629056	1591745	1604807	1.31	cps
Magnesium	24-2	554224	561911	562413	559516	0.82	cps

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	K3793-15DLX2	Instrumnet Name :	P7
Client Sample ID :	MH11K6	Dilution Factor :	2
Date & Time Acquired ::	2019-07-17 12:49:55	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	288634	290717	293481	290944	0.84	cps
Molybdenum	94-1	5285	5043	5118	5148	2.40	cps
Molybdenum	95-1	2667	2967	2759	2798	5.50	cps
Molybdenum	96-1	4059	3701	3876	3878	4.62	cps
Molybdenum	97-1	1700	1625	1650	1659	2.30	cps
Molybdenum	98-1	4209	4251	4359	4273	1.81	cps
Neodymium	150-1	11892	11185	10404	11160	6.67	cps
Neodymium	150-2	4744	4714	4941	4800	2.57	cps
Nickel	60-2	7619	7896	7609	7708	2.11	cps
Phosphorus	31-2	12789	12339	12180	12436	2.54	cps
Potassium	39-2	968404	969049	978541	971998	0.58	cps
Rhodium	103-1	2105418	2182812	2102479	2130237	2.14	cps
Rhodium	103-2	1050863	1056483	1065100	1057482	0.68	cps
Scandium	45-1	2573965	2585515	2583593	2581024	0.24	cps
Scandium	45-2	131201	130886	132937	131675	0.84	cps
Selenium	77-2	37	13	47	32	53.10	cps
Selenium	78-2	85	80	76	80	5.81	cps
Selenium	82-1	95	80	106	94	13.90	cps
Silicon	28-1	2657621	2699065	2682584	2679757	0.78	cps
Silver	109-1	14725	14541	14450	14572	0.96	cps
Silver	107-1	14800	15634	15000	15145	2.88	cps
Sodium	23-2	3531940	3549032	3539218	3540064	0.24	cps
Strontium	86-1	120452	118763	117166	118794	1.38	cps
Strontium	88-1	1012346	1015366	990216	1005976	1.37	cps
Sulfur	34-1	326784	322774	313108	320889	2.19	cps
Terbium	159-1	3033882	3133835	3054737	3074151	1.72	cps
Terbium	159-2	1513629	1526269	1526877	1522258	0.49	cps
Thallium	203-1	375	408	425	403	6.32	cps
Thallium	205-1	850	858	900	870	3.08	cps
Thorium	232-1	3084	3078	2828	2997	4.87	cps
Tin	118-1	12206	12765	12756	12576	2.55	cps
Titanium	47-1	72353	73543	71264	72387	1.57	cps
Uranium	238-1	12482	12915	12398	12598	2.20	cps
Vanadium	51-2	20691	21105	21015	20937	1.04	cps
Yttrium	89-1	3085455	3141005	3074349	3100270	1.15	cps
Yttrium	89-2	474261	472368	478482	475037	0.66	cps

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	K3793-15DLX2	Instrumnet Name :	P7
Client Sample ID :	MH11K6	Dilution Factor :	2
Date & Time Acquired ::	2019-07-17 12:49:55	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	94685	95121	96560	95455	1.03	cps
Zirconium	90-1	9787	10146	9896	9943	1.85	cps
Zirconium	91-1	1967	2350	2250	2189	9.09	cps

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	K3793-04DLX5	Instrumnet Name :	P7
Client Sample ID :	MH11J6	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 12:53:31	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	126632	129817	129104	128518	1.30	cps
Antimony	121-1	4359	4726	4676	4587	4.34	cps
Arsenic	75-2	419	356	369	381	8.73	cps
Barium	135-1	109740	105960	107599	107766	1.76	cps
Barium	137-1	190213	186217	184393	186941	1.59	cps
Beryllium	9-1	283	270	243	266	7.67	cps
Bismuth	209-1	1582033	1552516	1558135	1564228	1.00	cps
Bismuth	209-2	919343	939858	947814	935672	1.57	cps
Boron	10-1	6927	6935	6377	6746	4.75	cps
Boron	11-1	31559	30598	30190	30782	2.28	cps
Cadmium	111-1	1929	1895	1738	1854	5.48	cps
Cadmium	106-1	1150	1308	1183	1214	6.88	cps
Cadmium	108-1	67	54	75	65	16.06	cps
Calcium	43-1	437497	432423	430745	433555	0.81	cps
Calcium	44-1	6962563	6923717	7001139	6962473	0.56	cps
Chromium	52-2	47878	47837	47904	47873	0.07	cps
Cobalt	59-2	10457	10541	10387	10462	0.73	cps
Copper	63-2	88505	90427	91712	90215	1.79	cps
Dysprosium	156-1	3267	3292	3159	3239	2.19	cps
Dysprosium	156-2	1864	1773	1797	1811	2.58	cps
Erbium	164-1	2192	1784	1633	1870	15.46	cps
Erbium	164-2	917	1057	1000	991	7.11	cps
Gadolinium	160-1	2484	2334	2309	2375	3.99	cps
Gadolinium	160-2	1297	1317	1413	1342	4.65	cps
Holmium	165-1	2861518	2779792	2831124	2824144	1.46	cps
Holmium	165-2	1491009	1507171	1516692	1504958	0.86	cps
Indium	115-1	2060844	2002591	2037225	2033553	1.44	cps
Indium	115-2	449498	452765	452063	451442	0.38	cps
Iron	56-2	7443571	7500619	7463947	7469379	0.39	cps
Iron	57-2	189121	194291	194076	192496	1.52	cps
Krypton	83-1	90	97	127	104	18.70	cps
Lead	206-1	955430	935588	934565	941861	1.25	cps
Lead	207-1	836339	814986	806512	819279	1.88	cps
Lead	208-1	3763237	3713588	3676815	3717880	1.17	cps
Lithium	6-1	1592002	1571274	1568101	1577126	0.82	cps
Magnesium	24-2	706442	712103	715225	711257	0.63	cps

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	K3793-04DLX5	Instrumnet Name :	P7
Client Sample ID :	MH11J6	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 12:53:31	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	167499	170022	168439	168653	0.76	cps
Molybdenum	94-1	1759	1809	1784	1784	1.40	cps
Molybdenum	95-1	1809	1592	1709	1703	6.37	cps
Molybdenum	96-1	2034	1934	1608	1859	11.96	cps
Molybdenum	97-1	1000	967	1000	989	1.95	cps
Molybdenum	98-1	2434	2242	2334	2336	4.10	cps
Neodymium	150-1	5041	4828	5114	4994	2.98	cps
Neodymium	150-2	2087	2060	2064	2070	0.70	cps
Nickel	60-2	16102	17123	16283	16503	3.30	cps
Phosphorus	31-2	6302	6143	5893	6113	3.37	cps
Potassium	39-2	211536	209070	210530	210379	0.59	cps
Rhodium	103-1	2084850	2071783	2092053	2082895	0.49	cps
Rhodium	103-2	1024622	1025845	1040333	1030266	0.85	cps
Scandium	45-1	2516188	2495503	2528863	2513518	0.67	cps
Scandium	45-2	127718	127147	129127	127997	0.80	cps
Selenium	77-2	23	17	10	17	39.99	cps
Selenium	78-2	70	56	56	60	14.13	cps
Selenium	82-1	75	68	19	54	56.58	cps
Silicon	28-1	848256	838164	833825	840082	0.88	cps
Silver	109-1	925	1258	1183	1122	15.58	cps
Silver	107-1	1225	983	1250	1153	12.78	cps
Sodium	23-2	1201831	1211847	1206821	1206833	0.41	cps
Strontium	86-1	130986	127285	128882	129051	1.44	cps
Strontium	88-1	1102608	1061983	1079015	1081202	1.89	cps
Sulfur	34-1	280254	276919	280272	279148	0.69	cps
Terbium	159-1	3030154	2987553	3008349	3008685	0.71	cps
Terbium	159-2	1517152	1539190	1542197	1532846	0.89	cps
Thallium	203-1	167	158	150	158	5.26	cps
Thallium	205-1	292	358	342	331	10.50	cps
Thorium	232-1	3167	3234	3334	3245	2.59	cps
Tin	118-1	16077	15442	15468	15662	2.29	cps
Titanium	47-1	60776	59312	58927	59672	1.63	cps
Uranium	238-1	5310	4993	5026	5110	3.41	cps
Vanadium	51-2	11171	11261	11832	11421	3.14	cps
Yttrium	89-1	2980705	2942806	2970782	2964765	0.66	cps
Yttrium	89-2	454381	457346	454784	455503	0.35	cps

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	K3793-04DLX5	Instrumnet Name :	P7
Client Sample ID :	MH11J6	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 12:53:31	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	85475	87081	87262	86606	1.14	cps
Zirconium	90-1	3151	2334	2692	2726	15.03	cps
Zirconium	91-1	450	600	708	586	22.13	cps

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	K3794-07DLX5	Instrumnet Name :	P7
Client Sample ID :	MH11L8	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 12:57:08	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	60306	61686	62272	61421	1.64	cps
Antimony	121-1	1867	1942	1959	1922	2.54	cps
Arsenic	75-2	126	141	126	131	6.53	cps
Barium	135-1	39006	38914	38479	38800	0.73	cps
Barium	137-1	67523	69131	68176	68277	1.18	cps
Beryllium	9-1	160	127	153	147	12.03	cps
Bismuth	209-1	1550903	1564241	1576974	1564039	0.83	cps
Bismuth	209-2	957486	940407	927763	941885	1.58	cps
Boron	10-1	16276	15634	16234	16048	2.24	cps
Boron	11-1	70866	70045	72499	71137	1.76	cps
Cadmium	111-1	1028	912	1016	985	6.47	cps
Cadmium	106-1	1025	917	942	961	5.90	cps
Cadmium	108-1	21	54	38	38	44.45	cps
Calcium	43-1	150627	148801	149363	149597	0.63	cps
Calcium	44-1	2407521	2386274	2404709	2399501	0.48	cps
Chromium	52-2	9937	10037	10310	10095	1.92	cps
Cobalt	59-2	9934	10200	9947	10027	1.50	cps
Copper	63-2	153044	154253	155890	154395	0.93	cps
Dysprosium	156-1	1483	1350	1525	1453	6.29	cps
Dysprosium	156-2	797	743	800	780	4.08	cps
Erbium	164-1	1083	1050	858	997	12.18	cps
Erbium	164-2	450	583	520	518	12.88	cps
Gadolinium	160-1	1042	1300	1133	1158	11.31	cps
Gadolinium	160-2	700	777	663	713	8.11	cps
Holmium	165-1	2788030	2796147	2827518	2803898	0.74	cps
Holmium	165-2	1518000	1476659	1481430	1492030	1.52	cps
Indium	115-1	1999147	2013602	2035020	2015923	0.90	cps
Indium	115-2	462818	447935	444970	451908	2.12	cps
Iron	56-2	2701277	2706918	2709961	2706052	0.16	cps
Iron	57-2	69135	69648	69308	69364	0.38	cps
Krypton	83-1	80	103	87	90	13.36	cps
Lead	206-1	180664	179040	174417	178041	1.82	cps
Lead	207-1	153937	152419	149042	151799	1.65	cps
Lead	208-1	705419	701005	685888	697438	1.47	cps
Lithium	6-1	1581947	1584430	1587638	1584672	0.18	cps
Magnesium	24-2	147603	150179	151063	149615	1.20	cps

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	K3794-07DLX5	Instrumnet Name :	P7
Client Sample ID :	MH11L8	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 12:57:08	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	58051	59031	58369	58484	0.86	cps
Molybdenum	94-1	1934	1892	1909	1911	1.10	cps
Molybdenum	95-1	1300	1383	1233	1306	5.76	cps
Molybdenum	96-1	1608	1759	1684	1683	4.46	cps
Molybdenum	97-1	700	817	808	775	8.40	cps
Molybdenum	98-1	2267	2392	2367	2342	2.82	cps
Neodymium	150-1	2234	1940	1947	2040	8.21	cps
Neodymium	150-2	920	910	810	880	6.91	cps
Nickel	60-2	6922	7145	6985	7017	1.64	cps
Phosphorus	31-2	2842	2884	3050	2925	3.77	cps
Potassium	39-2	165159	163599	166735	165164	0.95	cps
Rhodium	103-1	2065890	2076201	2086526	2076206	0.50	cps
Rhodium	103-2	1056805	1029953	1030178	1038979	1.49	cps
Scandium	45-1	2479464	2480435	2479623	2479841	0.02	cps
Scandium	45-2	133580	128740	127442	129920	2.49	cps
Selenium	77-2	0	0	13	4	173.21	cps
Selenium	78-2	43	37	26	35	24.11	cps
Selenium	82-1	72	30	44	49	43.73	cps
Silicon	28-1	1123063	1109676	1113737	1115492	0.62	cps
Silver	109-1	667	667	617	650	4.44	cps
Silver	107-1	767	758	692	739	5.56	cps
Sodium	23-2	374232	375745	380717	376898	0.90	cps
Strontium	86-1	51075	50949	50732	50919	0.34	cps
Strontium	88-1	433522	440820	429280	434541	1.34	cps
Sulfur	34-1	243591	241085	237892	240856	1.19	cps
Terbium	159-1	2961136	2968141	2973244	2967507	0.20	cps
Terbium	159-2	1543392	1534328	1504197	1527306	1.34	cps
Thallium	203-1	150	92	67	103	41.61	cps
Thallium	205-1	242	267	275	261	6.64	cps
Thorium	232-1	533	717	689	646	15.29	cps
Tin	118-1	4618	4159	4509	4429	5.41	cps
Titanium	47-1	15008	16159	16093	15753	4.10	cps
Uranium	238-1	2717	2692	2759	2723	1.24	cps
Vanadium	51-2	4451	4848	4771	4690	4.49	cps
Yttrium	89-1	2896096	2932377	2924635	2917703	0.65	cps
Yttrium	89-2	463042	451686	449887	454872	1.57	cps

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	K3794-07DLX5	Instrumnet Name :	P7
Client Sample ID :	MH11L8	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 12:57:08	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	97271	96161	97563	96998	0.76	cps
Zirconium	90-1	2717	3276	2876	2956	9.74	cps
Zirconium	91-1	625	675	567	622	8.71	cps

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	CCV004	Instrumnet Name :	P7
Client Sample ID :	CCV004	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 13:02:04	DataFile Name :	024CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2912917	2923133	2854636	2896895	1.28	cps
Antimony	121-1	1275128	1265543	1277393	1272688	0.49	cps
Arsenic	75-2	55468	55929	56565	55987	0.98	cps
Barium	135-1	1519937	1516575	1516556	1517690	0.13	cps
Barium	137-1	2665218	2650149	2695480	2670282	0.86	cps
Beryllium	9-1	590602	584973	594016	589864	0.77	cps
Bismuth	209-1	1408201	1477081	1405052	1430111	2.85	cps
Bismuth	209-2	833721	859743	852649	848704	1.58	cps
Boron	10-1	103234	102614	104007	103285	0.68	cps
Boron	11-1	446346	447641	456605	450197	1.24	cps
Cadmium	111-1	328071	330072	327567	328570	0.40	cps
Cadmium	106-1	38144	37910	38378	38144	0.61	cps
Cadmium	108-1	26291	26045	25561	25966	1.43	cps
Calcium	43-1	3469809	3438118	3502996	3470308	0.93	cps
Calcium	44-1	55138512	55195380	55308749	55214214	0.16	cps
Chromium	52-2	620181	624314	618138	620878	0.51	cps
Cobalt	59-2	773969	778382	778491	776947	0.33	cps
Copper	63-2	996064	1014688	1003476	1004743	0.93	cps
Dysprosium	156-1	42	33	58	44	28.65	cps
Dysprosium	156-2	37	60	57	51	24.69	cps
Erbium	164-1	0	17	8	8	100.02	cps
Erbium	164-2	10	3	13	9	57.30	cps
Gadolinium	160-1	33	17	17	22	43.28	cps
Gadolinium	160-2	53	67	50	57	15.57	cps
Holmium	165-1	2769530	2922157	2777002	2822896	3.05	cps
Holmium	165-2	1480121	1513709	1519027	1504285	1.40	cps
Indium	115-1	1867929	1947073	1874643	1896548	2.31	cps
Indium	115-2	417726	430768	429816	426103	1.71	cps
Iron	56-2	112716825	112136166	110569536	111807509	0.99	cps
Iron	57-2	2857404	2833566	2809478	2833483	0.85	cps
Krypton	83-1	103	120	117	113	7.78	cps
Lead	206-1	825355	815538	816326	819073	0.67	cps
Lead	207-1	741941	734360	741564	739288	0.58	cps
Lead	208-1	3323218	3280706	3313211	3305712	0.67	cps
Lithium	6-1	1496510	1533391	1471844	1500582	2.06	cps
Magnesium	24-2	30779491	31293036	30382831	30818453	1.48	cps

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	CCV004	Instrumnet Name :	P7
Client Sample ID :	CCV004	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 13:02:04	DataFile Name :	024CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	706494	711969	709844	709436	0.39	cps
Molybdenum	94-1	3436620	3385789	3414518	3412309	0.75	cps
Molybdenum	95-1	4349798	4363901	4335429	4349709	0.33	cps
Molybdenum	96-1	4851449	4849161	4818311	4839640	0.38	cps
Molybdenum	97-1	2676136	2654103	2690464	2673568	0.69	cps
Molybdenum	98-1	6951502	6963423	6998982	6971303	0.35	cps
Neodymium	150-1	113	113	147	124	15.46	cps
Neodymium	150-2	17	20	47	28	59.19	cps
Nickel	60-2	190233	194468	194870	193190	1.33	cps
Phosphorus	31-2	31609	31509	32561	31893	1.82	cps
Potassium	39-2	14570241	14657726	14300100	14509356	1.28	cps
Rhodium	103-1	1860778	1939534	1866496	1888936	2.32	cps
Rhodium	103-2	917722	936845	938093	930887	1.23	cps
Scandium	45-1	2399754	2517279	2439370	2452134	2.44	cps
Scandium	45-2	123244	124874	125384	124501	0.90	cps
Selenium	77-2	1603	1607	1777	1662	5.96	cps
Selenium	78-2	5464	5681	5392	5512	2.73	cps
Selenium	82-1	29981	29878	29948	29935	0.18	cps
Silicon	28-1	1732446	1724190	1756049	1737561	0.95	cps
Silver	109-1	1446208	1431605	1446711	1441508	0.60	cps
Silver	107-1	1548568	1553803	1550578	1550983	0.17	cps
Sodium	23-2	62360218	61775853	61222643	61786238	0.92	cps
Strontium	86-1	471572	467810	477351	472244	1.02	cps
Strontium	88-1	4091619	4066999	4103686	4087435	0.46	cps
Sulfur	34-1	457722	444409	453715	451949	1.51	cps
Terbium	159-1	2932128	3049688	2955527	2979114	2.09	cps
Terbium	159-2	1488016	1540368	1537407	1521931	1.93	cps
Thallium	203-1	1019014	997111	1017144	1011089	1.20	cps
Thallium	205-1	2455013	2444885	2443608	2447835	0.26	cps
Thorium	232-1	4236062	4163800	4213738	4204533	0.88	cps
Tin	118-1	925312	911901	921939	919717	0.76	cps
Titanium	47-1	1724838	1706254	1746275	1725789	1.16	cps
Uranium	238-1	4146934	4108834	4064871	4106880	1.00	cps
Vanadium	51-2	543200	546210	540021	543144	0.57	cps
Yttrium	89-1	2825434	2950067	2815257	2863586	2.62	cps
Yttrium	89-2	434389	446151	443938	441493	1.42	cps

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	CCV004	Instrumnet Name :	P7
Client Sample ID :	CCV004	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 13:02:04	DataFile Name :	024CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	156313	158024	157189	157175	0.54	cps
Zirconium	90-1	2675117	2650131	2691580	2672276	0.78	cps
Zirconium	91-1	577809	569095	573055	573320	0.76	cps

LB Number : LB104022 Operator : Jaswal
 Lab Sample ID : CCB004 Instrumnet Name : P7
 Client Sample ID : CCB004 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 13:05:47 DataFile Name : 025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	125	108	119	8.06	cps
Antimony	121-1	975	875	1158	1003	14.33	cps
Arsenic	75-2	13	4	4	7	78.78	cps
Barium	135-1	175	167	92	144	31.77	cps
Barium	137-1	467	300	108	292	61.48	cps
Beryllium	9-1	147	80	130	119	29.18	cps
Bismuth	209-1	1597952	1564597	1575852	1579467	1.07	cps
Bismuth	209-2	941682	944961	931081	939242	0.77	cps
Boron	10-1	5051	4384	4584	4673	7.32	cps
Boron	11-1	21257	20097	18554	19970	6.79	cps
Cadmium	111-1	698	662	775	712	8.07	cps
Cadmium	106-1	925	908	1075	970	9.47	cps
Cadmium	108-1	17	4	4	8	86.57	cps
Calcium	43-1	442	300	242	328	31.38	cps
Calcium	44-1	12147	9495	8236	9959	20.05	cps
Chromium	52-2	437	487	450	458	5.66	cps
Cobalt	59-2	33	33	40	36	10.83	cps
Copper	63-2	323	320	333	326	2.13	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	17	0	8	8	100.02	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	0	33	8	14	124.91	cps
Gadolinium	160-2	43	60	53	52	16.07	cps
Holmium	165-1	2847940	2770634	2814054	2810876	1.38	cps
Holmium	165-2	1500986	1507668	1454270	1487641	1.96	cps
Indium	115-1	2059722	2014691	2015886	2030100	1.26	cps
Indium	115-2	445925	451501	451240	449556	0.70	cps
Iron	56-2	6902	6168	5401	6157	12.19	cps
Iron	57-2	372	272	183	276	34.25	cps
Krypton	83-1	153	103	143	133	19.84	cps
Lead	206-1	306	228	244	259	15.79	cps
Lead	207-1	239	283	194	239	18.61	cps
Lead	208-1	1200	1045	872	1039	15.78	cps
Lithium	6-1	1544671	1502157	1510635	1519155	1.48	cps
Magnesium	24-2	1058	908	883	950	9.96	cps

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	CCB004	Instrumnet Name :	P7
Client Sample ID :	CCB004	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 13:05:47	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	40	17	27	28	42.13	cps
Molybdenum	94-1	808	692	642	714	11.98	cps
Molybdenum	95-1	1317	900	1033	1083	19.64	cps
Molybdenum	96-1	1467	1067	1008	1181	21.13	cps
Molybdenum	97-1	742	533	483	586	23.38	cps
Molybdenum	98-1	1892	1800	1300	1664	19.14	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	20	33	13	22	45.83	cps
Phosphorus	31-2	58	50	75	61	20.83	cps
Potassium	39-2	15233	14674	15091	15000	1.94	cps
Rhodium	103-1	2119477	2056554	2075457	2083829	1.55	cps
Rhodium	103-2	1022337	1018028	1025615	1021993	0.37	cps
Scandium	45-1	2470887	2438135	2461968	2456997	0.69	cps
Scandium	45-2	125099	123416	125110	124541	0.78	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	46	30	35	37	22.91	cps
Selenium	82-1	-27	19	-27	-12	-223.54	cps
Silicon	28-1	115610	113646	114469	114575	0.86	cps
Silver	109-1	308	167	175	217	36.69	cps
Silver	107-1	233	183	142	186	24.66	cps
Sodium	23-2	19355	17544	17469	18123	5.89	cps
Strontium	86-1	250	167	200	206	20.41	cps
Strontium	88-1	650	433	325	469	35.25	cps
Sulfur	34-1	203277	206080	203116	204158	0.82	cps
Terbium	159-1	3038358	2908607	2954847	2967271	2.22	cps
Terbium	159-2	1521669	1510938	1485871	1506159	1.22	cps
Thallium	203-1	367	383	175	308	37.55	cps
Thallium	205-1	892	908	825	875	5.04	cps
Thorium	232-1	1433	1067	889	1130	24.58	cps
Tin	118-1	500	567	392	486	18.17	cps
Titanium	47-1	367	142	242	250	45.09	cps
Uranium	238-1	542	367	233	381	40.64	cps
Vanadium	51-2	27	0	20	16	89.22	cps
Yttrium	89-1	2935059	2857893	2908320	2900424	1.35	cps
Yttrium	89-2	443809	441650	443228	442896	0.25	cps

LB Number :	LB104022	Operator :	Jaswal
Lab Sample ID :	CCB004	Instrumnet Name :	P7
Client Sample ID :	CCB004	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 13:05:47	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	130	120	117	122	5.68	cps
Zirconium	90-1	825	533	558	639	25.30	cps
Zirconium	91-1	183	142	117	147	22.88	cps