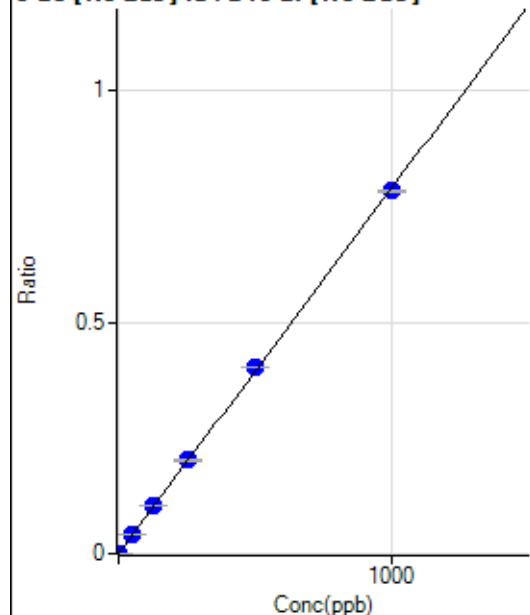


Calibration for 007CALS.d

Batch Folder: D:\ICP-MS Data\P7112519-MS2.b\
 Analysis File: P7112519-MS2.batch.bin
 DA Date-Time: 2019-11-26 01:14:24
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-11-25 17:38:11
2	004CALS.d	S02	2019-11-25 17:41:44
3	005CALS.d	S03	2019-11-25 17:45:58
4	006CALS.d	S04	2019-11-25 17:49:53
5	007CALS.d	S05	2019-11-25 17:53:43
6	008CALS.d	S06	2019-11-25 17:57:32
7	009CALS.d	S07	2019-11-25 18:01:18
8	010CALS.d	S08	2019-11-25 18:05:03

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	77.78	0.0000	P	19.4
2	☐	1.000	1.035	2383.58	0.0008	P	3.7
3	☐	50.000	52.291	116953.54	0.0413	P	0.6
4	☐	125.000	129.517	271551.10	0.1022	P	0.5
5	☐	250.000	255.873	552984.82	0.2019	P	0.5
6	☐	500.000	509.476	1060860.99	0.4021	P	0.2
7	☐	1000.000	993.115	2034449.24	0.7837	P	0.4
8	☐			203.71	0.0001	P	6.4

$$y = 7.8914\text{E-}004 * x + 2.7200\text{E-}005$$

$$R = 0.9999$$

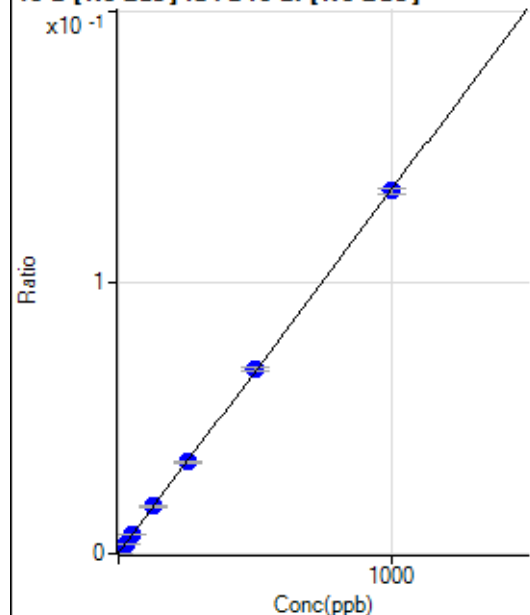
$$DL = 0.02002$$

$$BEC = 0.03447$$

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	580.59	0.0002	P	12.4
2	☐	25.000	24.303	9770.23	0.0035	P	3.9
3	☐	50.000	50.665	19797.00	0.0070	P	2.7
4	☐	125.000	128.986	46421.86	0.0175	P	1.9
5	☐	250.000	251.332	92742.25	0.0339	P	2.2
6	☐	500.000	505.348	179141.60	0.0679	P	2.0
7	☐	1000.000	996.479	346999.90	0.1337	P	1.5
8	☐			6059.77	0.0026	P	6.8

$$y = 1.3396\text{E-}004 * x + 2.0300\text{E-}004$$

$$R = 1.0000$$

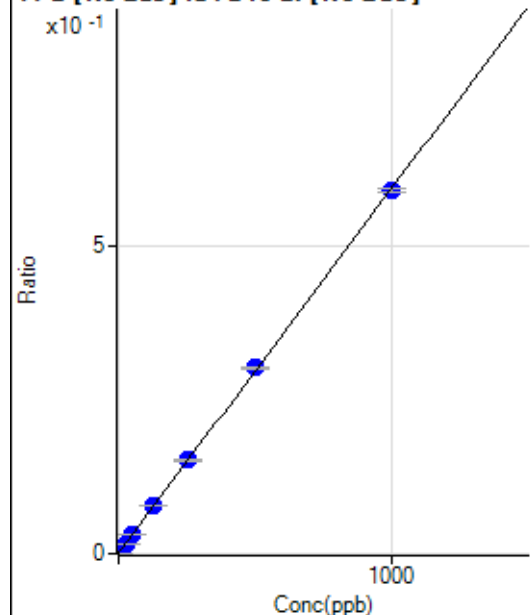
$$DL = 0.5623$$

$$BEC = 1.515$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2750.36	0.0010	P	8.3
2	☐	25.000	23.925	42728.10	0.0151	P	0.9
3	☐	50.000	52.058	89998.25	0.0318	P	1.5
4	☐	125.000	129.384	205925.23	0.0775	P	1.5
5	☐	250.000	256.473	418341.60	0.1528	P	1.7
6	☐	500.000	507.820	795642.07	0.3016	P	1.8
7	☐	1000.000	993.848	1529553.63	0.5893	P	1.0
8	☐			25580.90	0.0109	P	5.7

$$y = 5.9195\text{E-}004 * x + 9.6140\text{E-}004$$

$$R = 0.9999$$

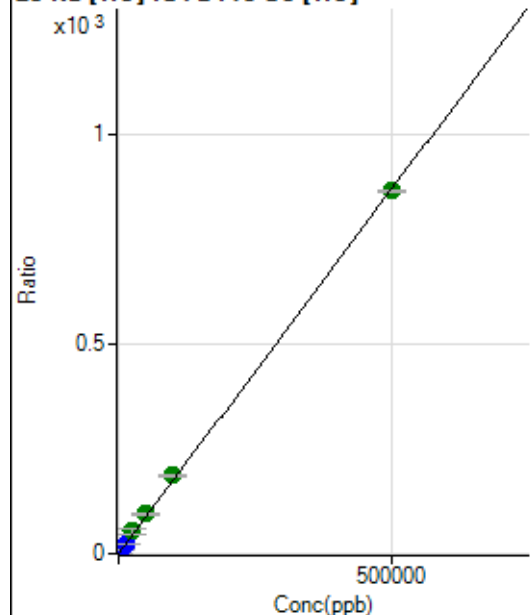
$$DL = 0.4036$$

$$BEC = 1.624$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16256.55	0.0808	P	1.7
2	☐	500.000	532.039	201631.94	1.0038	P	0.7
3	☐	5000.000	5424.004	1886940.12	9.4904	P	0.7
4	☐	12500.000	13777.767	4344979.05	23.9825	P	1.9
5	☐	25000.000	30311.504	8453620.68	52.6653	A	18.5
6	☐	50000.000	54249.282	16919697.60	94.1925	A	0.8
7	☐	100000.00	107208.98	32444431.63	186.0671	A	1.4
8	☐	500000.00	497831.48	142116965.6	863.7195	A	0.8

$$y = 0.0017 * x + 0.0808$$

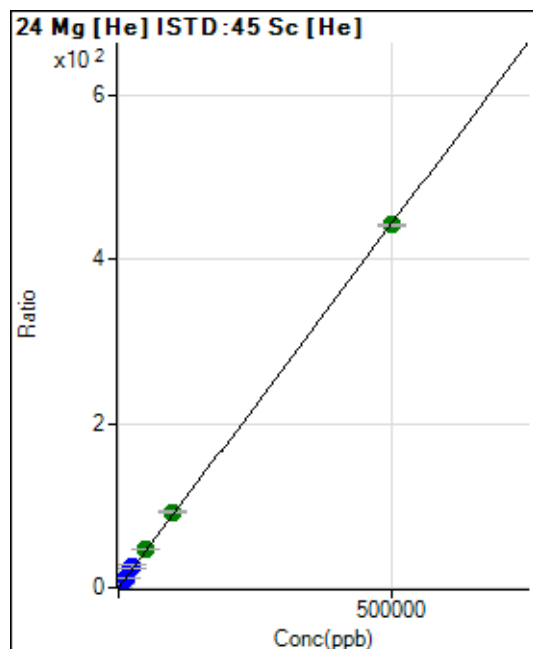
$$R = 0.9998$$

$$DL = 2.331$$

$$BEC = 46.59$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	872.28	0.0043	P	7.2
2	☐	500.000	543.366	97664.51	0.4862	P	1.4
3	☐	5000.000	5370.652	947911.62	4.7675	P	0.5
4	☐	12500.000	13571.933	2181744.80	12.0411	P	0.9
5	☐	25000.000	28979.366	4127412.42	25.7058	P	18.2
6	☐	50000.000	52969.310	8439285.60	46.9823	A	0.7
7	☐	100000.00	104100.04	16099116.16	92.3296	A	1.7
8	☐	500000.00	498653.54	72768909.96	442.2551	A	0.3

$$y = 8.8689\text{E-}004 * x + 0.0043$$

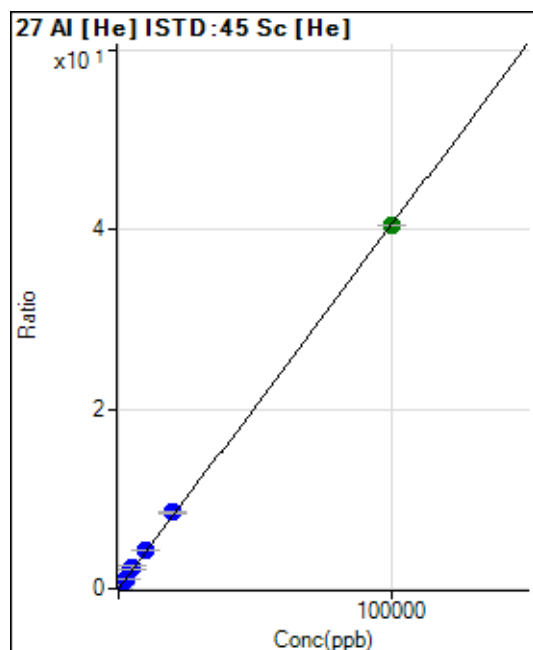
$$R = 0.9999$$

$$DL = 1.06$$

$$BEC = 4.891$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	108.34	0.0005	P	27.0
2	☐	20.000	20.182	1752.95	0.0087	P	6.8
3	☐	1000.000	1084.361	87519.71	0.4402	P	0.8
4	☐	2500.000	2773.288	203822.58	1.1249	P	1.3
5	☐	5000.000	6000.502	390508.59	2.4334	P	18.7
6	☐	10000.000	10612.012	772951.94	4.3031	P	1.3
7	☐	20000.000	20901.192	1477811.21	8.4748	P	0.9
8	☐	100000.00	99700.859	6651339.26	40.4235	A	0.0

$$y = 4.0544\text{E-}004 * x + 5.3915\text{E-}004$$

$$R = 0.9999$$

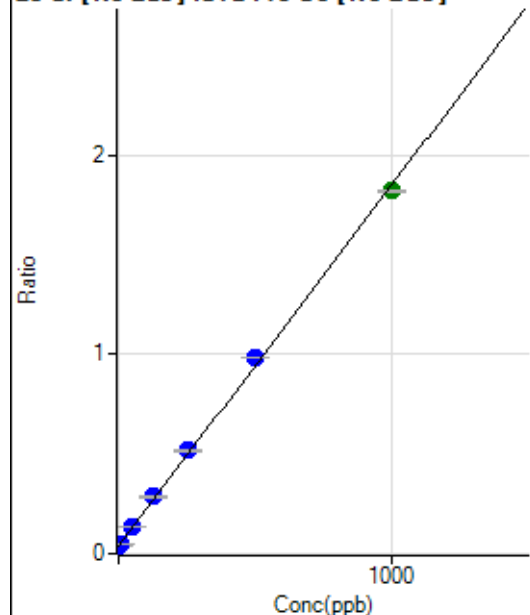
$$DL = 1.079$$

$$BEC = 1.33$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	177560.38	0.0396	P	1.2
2	☐	10.000	6.840	232124.19	0.0520	P	1.4
3	☐	50.000	52.396	604460.71	0.1344	P	0.8
4	☐	125.000	135.723	1194480.61	0.2853	P	3.4
5	☐	250.000	264.211	2210156.84	0.5180	P	1.1
6	☐	500.000	522.412	4060175.52	0.9855	P	0.6
7	☐	1000.000	983.813	7477383.33	1.8209	A	0.2
8	☐			830796.28	0.2208	P	0.7

$$y = 0.0018 * x + 0.0396$$

$$R = 0.9994$$

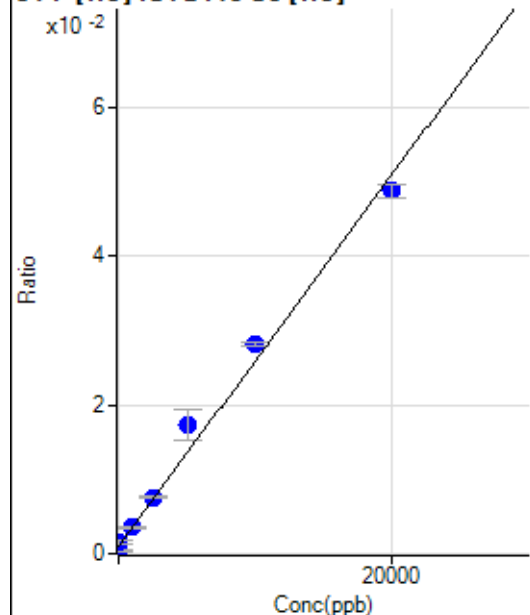
$$DL = 0.7823$$

$$BEC = 21.85$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-230.025	75.00	0.0004	P	38.3
2	☐	0.000	230.025	305.57	0.0015	P	41.9
3	☐	1000.000	1054.542	711.16	0.0036	P	7.2
4	☐	2500.000	2668.381	1377.90	0.0076	P	5.5
5	☐	5000.000	6542.751	2753.13	0.0173	P	24.7
6	☐	10000.000	10864.518	5037.18	0.0280	P	1.7
7	☐	20000.000	19158.278	8494.40	0.0487	P	4.0
8	☐			97.23	0.0006	P	17.5

$$y = 2.4939E-006 * x + 9.4638E-004$$

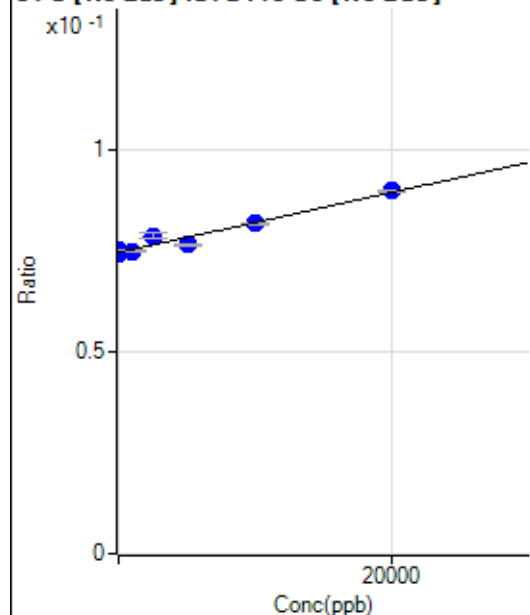
$$R = 0.9947$$

$$DL = 468.7$$

$$BEC = 379.5$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-640.032	333091.72	0.0742	P	1.3
2	☐	0.000	640.032	335942.34	0.0752	P	0.5
3	☐	1000.000	367.955	337108.11	0.0750	P	0.7
4	☐	2500.000	5522.347	330051.36	0.0788	P	2.2
5	☐	5000.000	2581.927	326964.45	0.0766	P	0.6
6	☐	10000.000	9567.521	337110.38	0.0818	P	1.0
7	☐	20000.000	20474.567	369333.92	0.0899	P	0.7
8	☐			284715.80	0.0757	P	1.5

$$y = 7.4419\text{E-}007 * x + 0.0747$$

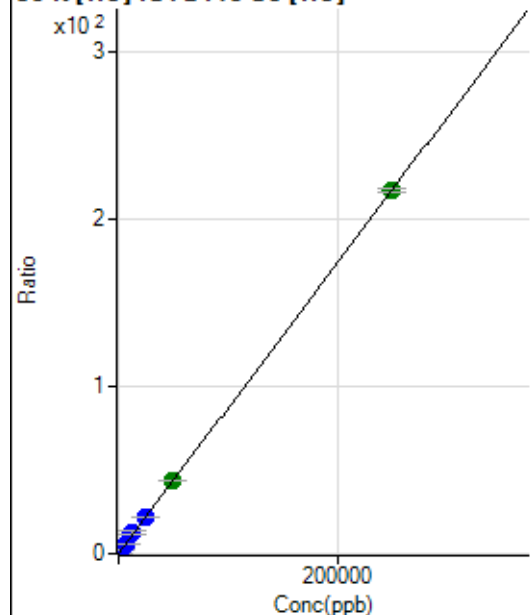
$$R = 0.9750$$

$$DL = 2751$$

$$BEC = 1.004\text{E}+05$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	19057.25	0.0948	P	1.7
2	☐	500.000	514.692	108671.13	0.5411	P	1.6
3	☐	2500.000	2599.338	466979.48	2.3487	P	0.7
4	☐	6250.000	6488.294	1036532.25	5.7208	P	1.2
5	☐	12500.000	13960.890	1959521.61	12.2003	P	18.0
6	☐	25000.000	24592.069	3847386.42	21.4186	P	0.6
7	☐	50000.000	49874.089	7557628.21	43.3407	A	0.9
8	☐	250000.00	249985.95	35681730.31	216.8583	A	1.0

$$y = 8.6710\text{E-}004 * x + 0.0948$$

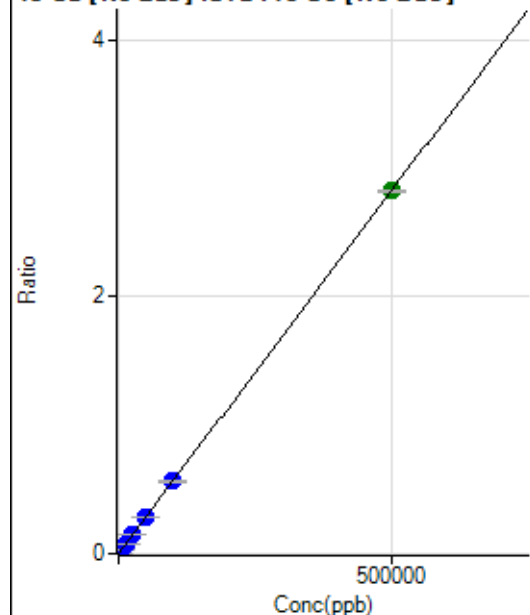
$$R = 1.0000$$

$$DL = 5.593$$

$$BEC = 109.3$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	269.46	0.0001	P	12.6
2	☐	500.000	489.175	12605.83	0.0028	P	0.8
3	☐	5000.000	5165.089	131346.41	0.0292	P	1.3
4	☐	12500.000	12734.119	301372.55	0.0719	P	0.7
5	☐	25000.000	25769.587	620918.23	0.1455	P	0.5
6	☐	50000.000	51351.755	1194392.20	0.2899	P	0.5
7	☐	100000.00	99372.556	2303597.92	0.5610	P	0.7
8	☐	500000.00	499944.34	10618692.77	2.8219	A	0.3

$$y = 5.6444\text{E-}006 * x + 6.0050\text{E-}005$$

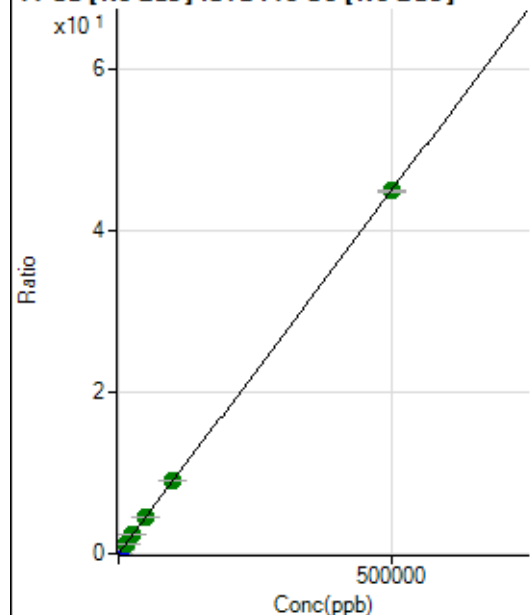
$$R = 1.0000$$

$$DL = 4.036$$

$$BEC = 10.64$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	9036.53	0.0020	P	2.5
2	☐	500.000	500.545	210423.68	0.0471	P	0.6
3	☐	5000.000	5129.925	2086227.20	0.4640	P	1.0
4	☐	12500.000	12689.307	4796545.42	1.1448	A	0.4
5	☐	25000.000	25555.040	9829025.74	2.3035	A	0.5
6	☐	50000.000	50855.469	18877546.25	4.5820	A	0.2
7	☐	100000.00	100925.19	37332519.24	9.0912	A	0.4
8	☐	500000.00	499695.62	169341699.6	45.0037	A	0.6

$$y = 9.0058\text{E-}005 * x + 0.0020$$

$$R = 1.0000$$

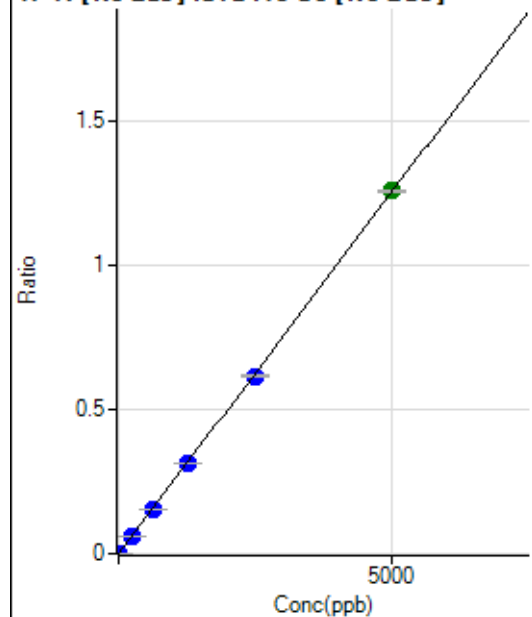
$$DL = 1.656$$

$$BEC = 22.36$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	144.45	0.0000	P	17.9
2	☐	5.000	5.140	5898.64	0.0013	P	4.7
3	☐	250.000	251.700	283620.06	0.0631	P	0.5
4	☐	625.000	621.067	651879.33	0.1556	P	0.9
5	☐	1250.000	1244.837	1330702.32	0.3118	P	1.1
6	☐	2500.000	2459.776	2538590.40	0.6162	P	0.3
7	☐	5000.000	5021.809	5165441.78	1.2579	A	0.7
8	☐			1527.93	0.0004	P	9.0

$$y = 2.5049\text{E-}004 * x + 3.2195\text{E-}005$$

$$R = 1.0000$$

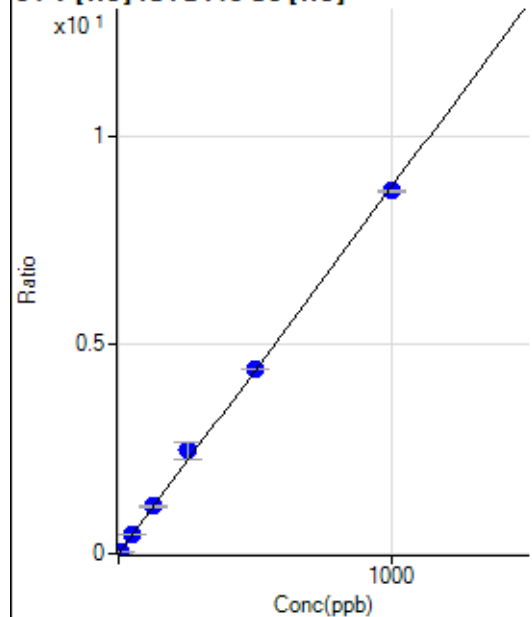
$$DL = 0.06899$$

$$BEC = 0.1285$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	14.45	0.0001	P	26.5
2	☐	5.000	5.423	9578.80	0.0477	P	2.1
3	☐	50.000	51.202	89414.46	0.4497	P	0.2
4	☐	125.000	129.767	206458.99	1.1396	P	2.7
5	☐	250.000	280.730	396038.17	2.4653	P	17.8
6	☐	500.000	504.294	795482.50	4.4285	P	0.5
7	☐	1000.000	989.512	1515269.37	8.6895	P	0.8
8	☐			398.90	0.0024	P	0.2

$$y = 0.0088 * x + 7.1803\text{E-}005$$

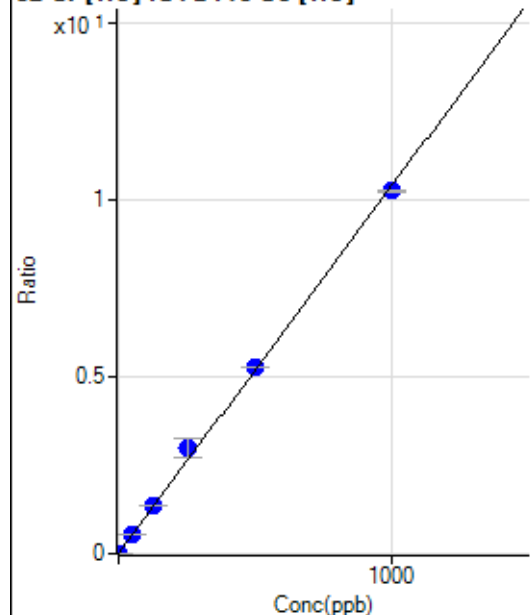
$$R = 0.9994$$

$$DL = 0.006497$$

$$BEC = 0.008177$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	727.81	0.0036	P	13.7
2	☐	2.000	2.054	5004.26	0.0249	P	4.0
3	☐	50.000	52.077	108078.12	0.5436	P	0.7
4	☐	125.000	131.747	248154.31	1.3696	P	1.4
5	☐	250.000	285.625	476331.39	2.9651	P	17.8
6	☐	500.000	506.314	943623.22	5.2533	P	0.2
7	☐	1000.000	986.990	1785147.28	10.2372	P	0.7
8	☐			44686.59	0.2716	P	1.4

$$y = 0.0104 * x + 0.0036$$

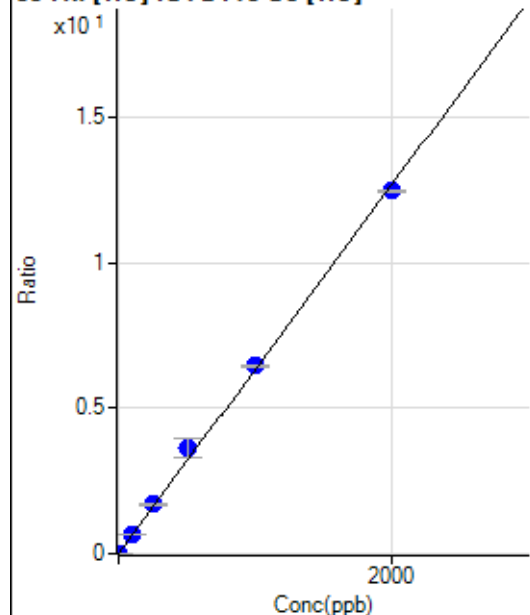
$$R = 0.9992$$

$$DL = 0.1432$$

$$BEC = 0.3492$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	312.23	0.0016	P	3.1
2	☐	1.000	1.026	1616.78	0.0081	P	4.9
3	☐	100.000	104.922	132387.31	0.6658	P	0.6
4	☐	250.000	266.525	305992.48	1.6890	P	2.2
5	☐	500.000	575.954	585666.25	3.6481	P	18.4
6	☐	1000.000	1019.119	1159294.25	6.4539	P	0.3
7	☐	2000.000	1969.140	2174388.74	12.4687	P	0.3
8	☐			7263.01	0.0441	P	0.8

$$y = 0.0063 * x + 0.0016$$

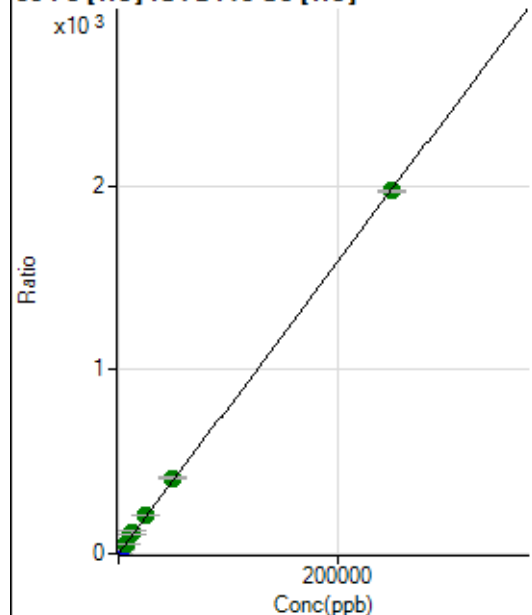
$$R = 0.9991$$

$$DL = 0.023$$

$$BEC = 0.2452$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	12309.17	0.0612	P	0.8
2	☐	50.000	57.618	103876.17	0.5172	P	2.7
3	☐	2500.000	2703.959	4267221.77	21.4619	P	0.3
4	☐	6250.000	6857.561	9844591.77	54.3359	A	1.6
5	☐	12500.000	14798.369	18803887.46	117.1841	A	18.8
6	☐	25000.000	26477.025	37652364.73	209.6158	A	0.6
7	☐	50000.000	52115.784	71938093.74	412.5359	A	0.8
8	☐	250000.00	249296.99	324666692.4	1,973.143	A	0.6

$$y = 0.0079 * x + 0.0612$$

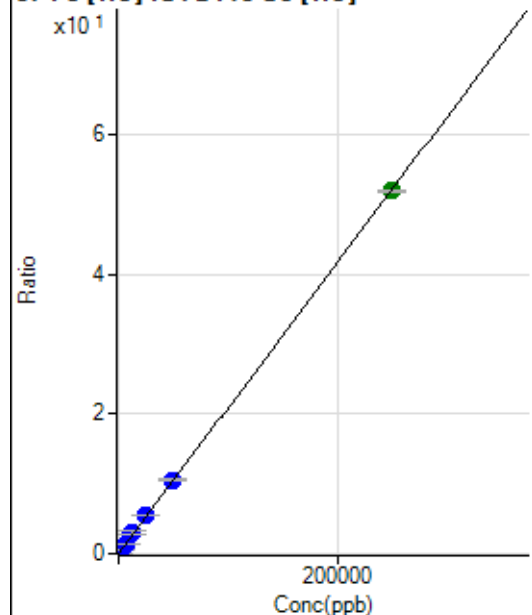
$$R = 0.9999$$

$$DL = 0.1788$$

$$BEC = 7.733$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	481.50	0.0024	P	6.7
2	☐	50.000	56.242	2829.99	0.0141	P	4.8
3	☐	2500.000	2690.556	111758.89	0.5621	P	0.3
4	☐	6250.000	6787.709	256242.35	1.4144	P	2.1
5	☐	12500.000	14792.289	494405.07	3.0795	P	18.3
6	☐	25000.000	26152.847	977642.98	5.4427	P	0.3
7	☐	50000.000	50902.665	1846944.01	10.5911	P	0.4
8	☐	250000.00	249574.21	8542735.44	51.9186	A	0.7

$$y = 2.0802E-004 * x + 0.0024$$

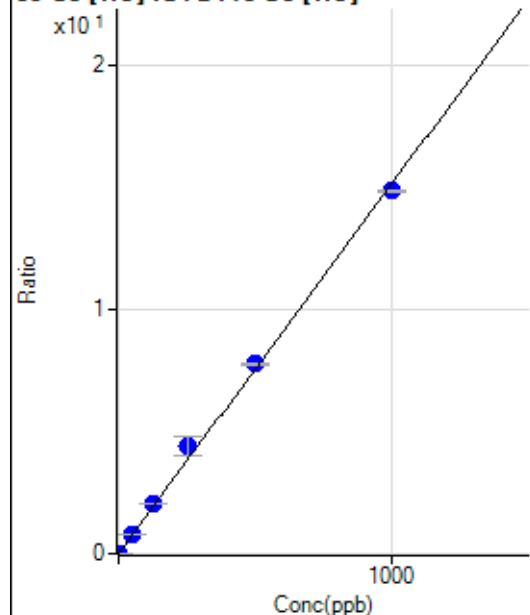
$$R = 1.0000$$

$$DL = 2.296$$

$$BEC = 11.51$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	153.34	0.0008	P	14.6
2	☐	1.000	1.089	3460.47	0.0172	P	1.1
3	☐	50.000	53.477	160854.47	0.8090	P	0.8
4	☐	125.000	135.129	370164.79	2.0431	P	1.8
5	☐	250.000	290.054	704066.07	4.3847	P	18.2
6	☐	500.000	513.248	1393550.38	7.7581	P	0.6
7	☐	1000.000	981.922	2588127.82	14.8417	P	0.5
8	☐			4886.45	0.0297	P	5.0

$$y = 0.0151 * x + 7.6269E-004$$

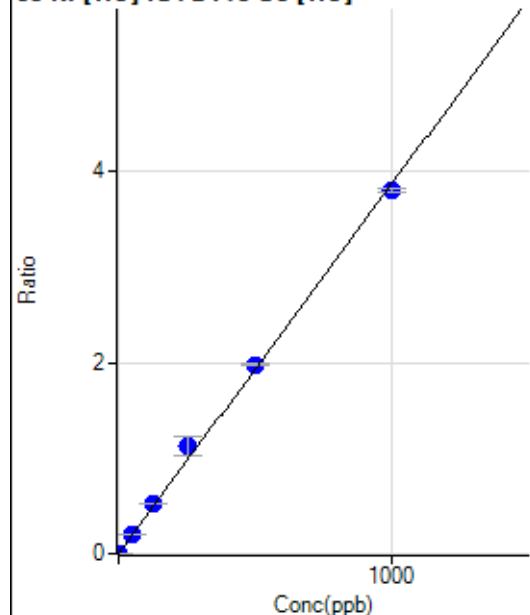
R = 0.9989

DL = 0.02212

BEC = 0.05046

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	34.44	0.0002	P	14.9
2	☐	1.000	1.074	868.93	0.0043	P	8.8
3	☐	50.000	53.487	41191.23	0.2072	P	0.6
4	☐	125.000	134.800	94549.17	0.5219	P	1.9
5	☐	250.000	290.659	180681.40	1.1251	P	18.1
6	☐	500.000	512.384	356225.42	1.9832	P	0.2
7	☐	1000.000	982.244	662911.95	3.8016	P	1.1
8	☐			12040.63	0.0732	P	0.8

$$y = 0.0039 * x + 1.7127E-004$$

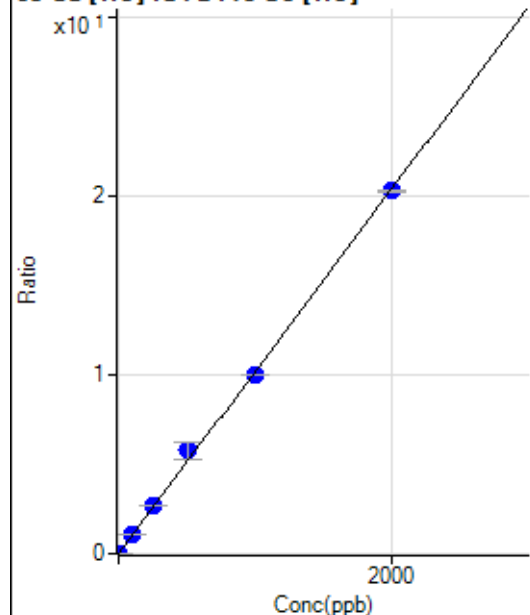
R = 0.9989

DL = 0.01977

BEC = 0.04425

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	300.01	0.0015	P	3.3
2	☐	2.000	2.137	4675.26	0.0233	P	2.6
3	☐	100.000	103.936	210951.96	1.0610	P	0.3
4	☐	250.000	263.966	487777.04	2.6922	P	2.0
5	☐	500.000	564.823	924406.48	5.7590	P	18.5
6	☐	1000.000	981.031	1796541.31	10.0016	P	0.3
7	☐	2000.000	1991.336	3540144.60	20.3001	P	0.6
8	☐			4836.43	0.0294	P	2.3

$$y = 0.0102 * x + 0.0015$$

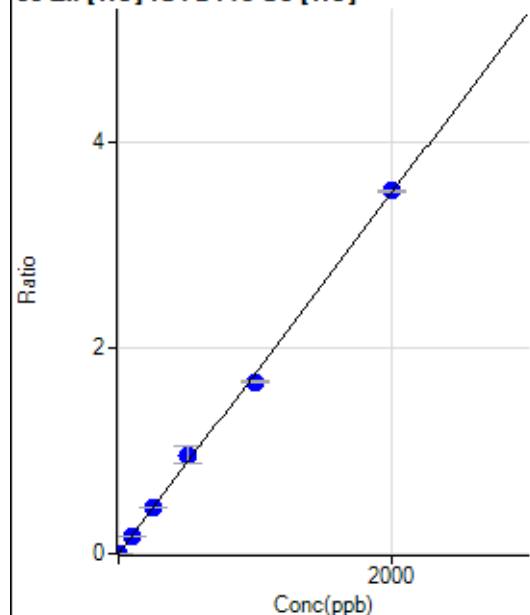
$$R = 0.9993$$

$$DL = 0.01432$$

$$BEC = 0.1463$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	245.56	0.0012	P	6.6
2	☐	2.000	2.234	1030.05	0.0051	P	6.8
3	☐	100.000	98.946	34656.86	0.1743	P	0.7
4	☐	250.000	254.986	81033.40	0.4473	P	2.2
5	☐	500.000	545.782	153503.28	0.9559	P	18.2
6	☐	1000.000	953.646	299865.35	1.6694	P	0.8
7	☐	2000.000	2011.161	613706.52	3.5193	P	0.7
8	☐			5999.11	0.0365	P	2.9

$$y = 0.0017 * x + 0.0012$$

$$R = 0.9993$$

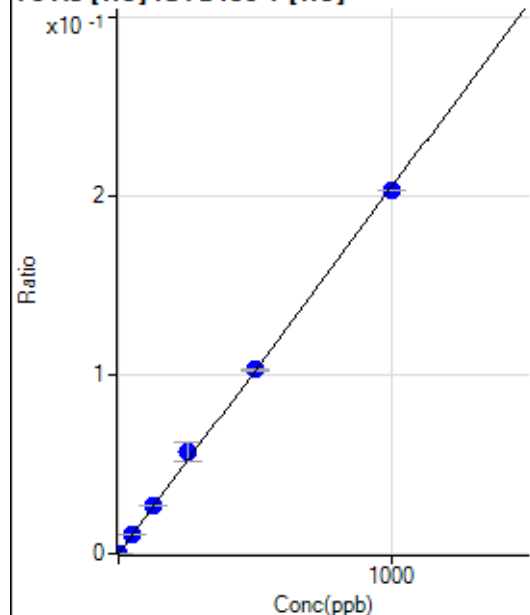
$$DL = 0.1374$$

$$BEC = 0.6981$$

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	11.11	0.0000	P	43.0
2	☐	1.000	1.113	253.09	0.0002	P	2.6
3	☐	50.000	51.872	11196.96	0.0106	P	1.1
4	☐	125.000	130.902	26193.36	0.0269	P	1.9
5	☐	250.000	280.050	49994.82	0.0575	P	18.5
6	☐	500.000	503.207	99748.38	0.1032	P	1.2
7	☐	1000.000	990.052	189091.00	0.2031	P	0.1
8	☐			69.75	0.0001	P	19.5

$$y = 2.0511\text{E-}004 * x + 1.0446\text{E-}005$$

$$R = 0.9995$$

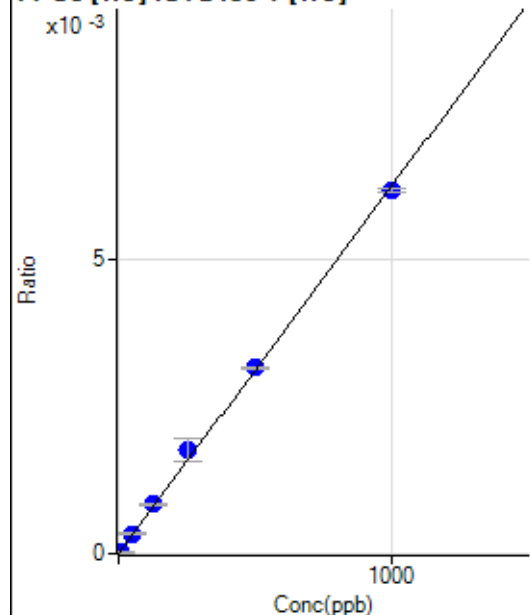
$$DL = 0.06565$$

$$BEC = 0.05093$$

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	1.11	0.0000	P	173.
2	☐	5.000	4.330	30.00	0.0000	P	90.4
3	☐	50.000	53.760	354.45	0.0003	P	12.2
4	☐	125.000	133.956	817.81	0.0008	P	4.2
5	☐	250.000	282.588	1532.33	0.0018	P	22.4
6	☐	500.000	505.697	3057.04	0.0032	P	0.8
7	☐	1000.000	987.700	5752.34	0.0062	P	1.1
8	☐			5.56	0.0000	P	34.6

$$y = 6.2535\text{E-}006 * x + 1.0450\text{E-}006$$

$$R = 0.9994$$

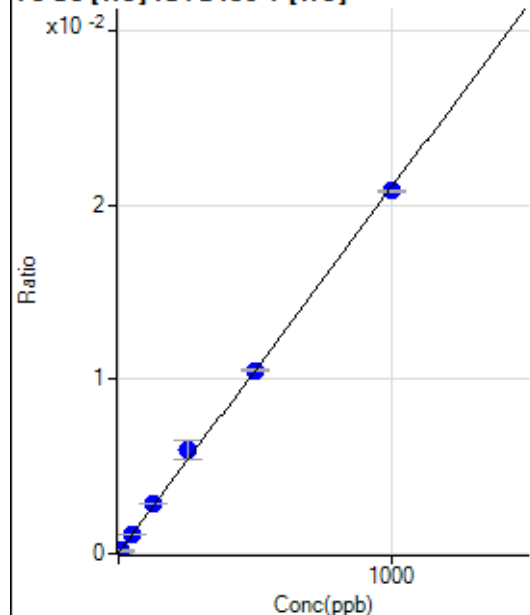
$$DL = 0.8683$$

$$BEC = 0.1671$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	43.21	0.0000	P	23.1
2	☐	5.000	5.996	176.55	0.0002	P	6.9
3	☐	50.000	50.812	1164.87	0.0011	P	2.5
4	☐	125.000	135.884	2823.14	0.0029	P	2.3
5	☐	250.000	282.430	5199.74	0.0060	P	18.2
6	☐	500.000	499.926	10186.96	0.0105	P	0.9
7	☐	1000.000	990.524	19410.57	0.0208	P	0.4
8	☐			47.53	0.0001	P	8.1

$$y = 2.1005\text{E-}005 * x + 4.0678\text{E-}005$$

$$R = 0.9994$$

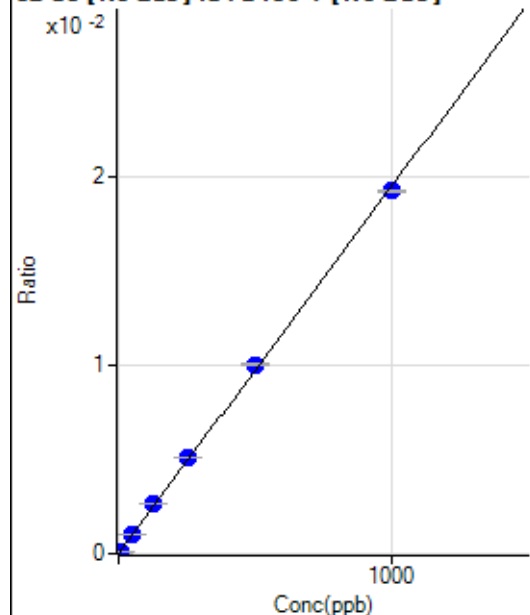
$$DL = 1.342$$

$$BEC = 1.937$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	79.79	0.0000	P	137.
2	☐	5.000	6.030	881.17	0.0001	P	6.9
3	☐	50.000	53.261	7217.18	0.0010	P	2.0
4	☐	125.000	134.885	16962.99	0.0026	P	0.7
5	☐	250.000	261.789	34157.90	0.0051	P	0.8
6	☐	500.000	514.827	65170.80	0.0100	P	0.9
7	☐	1000.000	988.235	125464.20	0.0192	P	0.8
8	☐			176.18	0.0000	P	12.7

$$y = 1.9440\text{E-}005 * x + 1.1471\text{E-}005$$

$$R = 0.9997$$

$$DL = 2.429$$

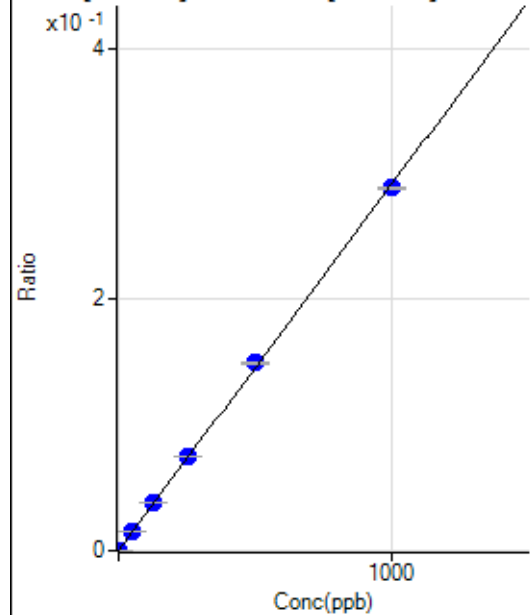
$$BEC = 0.5901$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			547.80		P	18.7
2	☐			496.68		P	4.2
3	☐			510.02		P	11.0
4	☐			508.91		P	5.7
5	☐			486.68		P	8.6
6	☐			442.24		P	2.9
7	☐			541.13		P	6.8
8	☐			474.46		P	1.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	722.27	0.0001	P	3.5
2	☐	1.000	1.146	2994.88	0.0004	P	3.4
3	☐	50.000	51.692	104501.18	0.0152	P	1.2
4	☐	125.000	128.689	242087.35	0.0376	P	0.5
5	☐	250.000	258.172	504247.39	0.0753	P	0.8
6	☐	500.000	513.080	972673.17	0.1495	P	0.6
7	☐	1000.000	990.871	1884329.88	0.2887	P	0.4
8	☐			8041.46	0.0013	P	5.9

$$y = 2.9124\text{E-}004 * x + 1.0384\text{E-}004$$

$$R = 0.9998$$

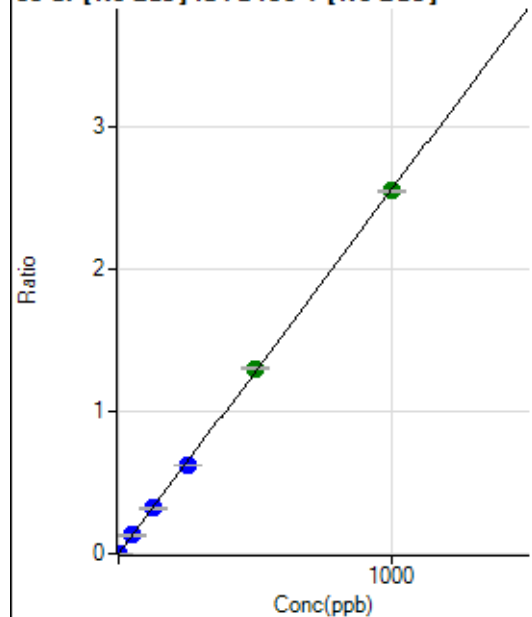
$$DL = 0.03789$$

$$BEC = 0.3565$$

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	216.67	0.0000	P	13.3
2	☐	1.000	1.025	18145.39	0.0027	P	1.8
3	☐	50.000	50.408	888520.17	0.1289	P	1.2
4	☐	125.000	124.382	2048333.23	0.3180	P	0.3
5	☐	250.000	242.646	4154288.29	0.6203	P	0.5
6	☐	500.000	509.479	8471957.65	1.3024	A	0.5
7	☐	1000.000	997.156	16638214.26	2.5491	A	0.3
8	☐			63711.44	0.0106	P	0.2

$$y = 0.0026 * x + 3.1148E-005$$

$$R = 0.9999$$

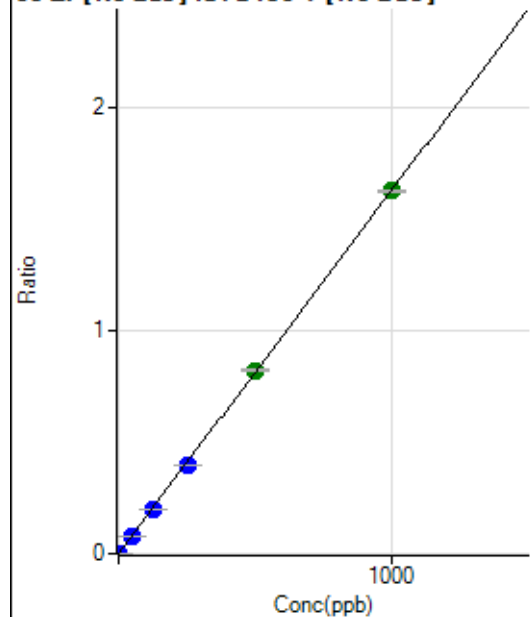
$$DL = 0.004851$$

$$BEC = 0.01218$$

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	405.58	0.0001	P	11.2
2	☐	1.000	0.843	9792.59	0.0014	P	1.1
3	☐	50.000	49.306	553473.25	0.0803	P	0.5
4	☐	125.000	123.422	1293928.66	0.2009	P	0.3
5	☐	250.000	244.515	2664828.01	0.3979	P	0.2
6	☐	500.000	504.782	5342869.04	0.8214	A	0.4
7	☐	1000.000	999.212	10611708.66	1.6259	A	0.8
8	☐			2444.75	0.0004	P	6.8

$$y = 0.0016 * x + 5.8303E-005$$

$$R = 1.0000$$

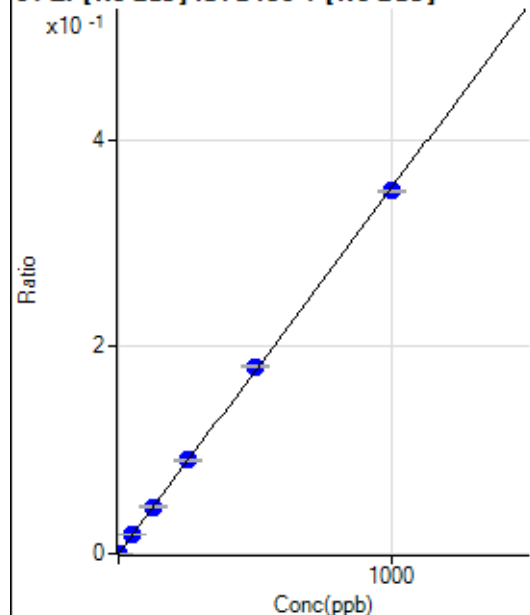
$$DL = 0.01204$$

$$BEC = 0.03583$$

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	88.89	0.0000	P	23.7
2	☐	1.000	0.891	2241.93	0.0003	P	6.6
3	☐	50.000	50.898	124029.00	0.0180	P	0.5
4	☐	125.000	128.261	291872.37	0.0453	P	0.9
5	☐	250.000	255.208	603816.09	0.0902	P	0.4
6	☐	500.000	511.796	1175960.15	0.1808	P	1.2
7	☐	1000.000	992.348	2288001.11	0.3505	P	0.6
8	☐			536.14	0.0001	P	18.9

$$y = 3.5324\text{E-}004 * x + 1.2782\text{E-}005$$

$$R = 0.9999$$

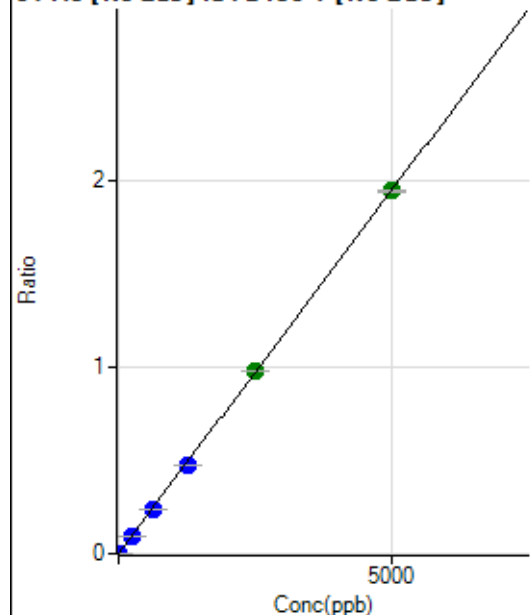
$$DL = 0.02573$$

$$BEC = 0.03619$$

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	222.23	0.0000	P	37.9
2	☐	5.000	4.840	13092.61	0.0019	P	1.9
3	☐	250.000	248.281	665586.96	0.0965	P	0.5
4	☐	625.000	619.994	1552465.12	0.2410	P	0.5
5	☐	1250.000	1221.265	3179690.17	0.4748	P	0.7
6	☐	2500.000	2522.280	6378272.93	0.9805	A	0.3
7	☐	5000.000	4996.756	12678254.88	1.9425	A	0.6
8	☐			9278.43	0.0015	P	4.7

$$y = 3.8874\text{E-}004 * x + 3.1960\text{E-}005$$

$$R = 1.0000$$

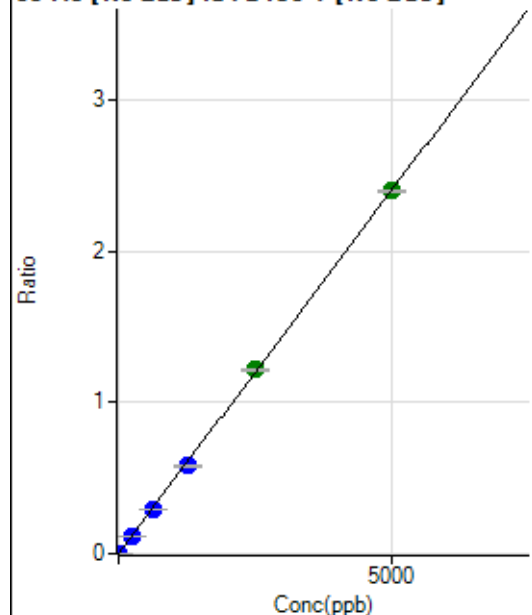
$$DL = 0.09336$$

$$BEC = 0.08222$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	150.01	0.0000	P	19.3
2	☐	5.000	4.873	16159.76	0.0024	P	2.7
3	☐	250.000	248.118	821332.97	0.1191	P	0.8
4	☐	625.000	616.330	1905911.39	0.2959	P	0.3
5	☐	1250.000	1205.707	3876819.36	0.5789	P	0.2
6	☐	2500.000	2531.368	7905248.01	1.2153	A	0.7
7	☐	5000.000	4996.567	15657877.96	2.3989	A	0.3
8	☐			14338.27	0.0024	P	2.8

$$y = 4.8010E-004 * x + 2.1567E-005$$

$$R = 0.9999$$

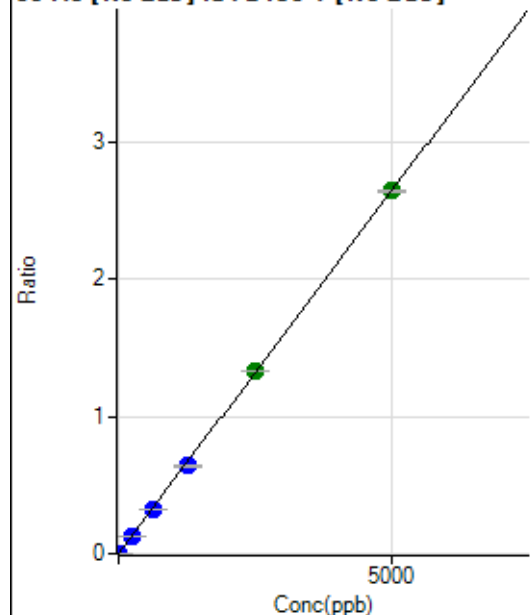
$$DL = 0.02602$$

$$BEC = 0.04492$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	341.69	0.0000	P	6.5
2	☐	5.000	4.907	18062.08	0.0026	P	1.5
3	☐	250.000	247.860	902420.41	0.1309	P	0.6
4	☐	625.000	619.752	2107759.62	0.3272	P	0.0
5	☐	1250.000	1208.526	4273268.20	0.6381	P	0.5
6	☐	2500.000	2517.422	8645359.48	1.3291	A	0.5
7	☐	5000.000	5002.420	17237987.71	2.6411	A	0.6
8	☐			21419.62	0.0036	P	2.2

$$y = 5.2795E-004 * x + 4.9124E-005$$

$$R = 1.0000$$

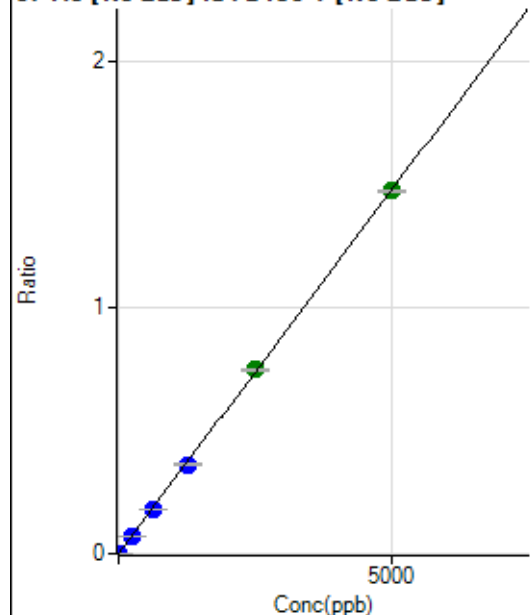
$$DL = 0.0182$$

$$BEC = 0.09305$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	88.89	0.0000	P	27.1
2	☐	5.000	4.859	9926.08	0.0015	P	0.8
3	☐	250.000	250.186	510304.72	0.0740	P	0.8
4	☐	625.000	619.155	1179887.82	0.1832	P	0.5
5	☐	1250.000	1227.507	2432053.79	0.3632	P	0.7
6	☐	2500.000	2530.537	4869416.47	0.7486	A	1.0
7	☐	5000.000	4991.076	9637917.84	1.4765	A	0.6
8	☐			8939.26	0.0015	P	4.6

$$y = 2.9583\text{E-}004 * x + 1.2781\text{E-}005$$

$$R = 1.0000$$

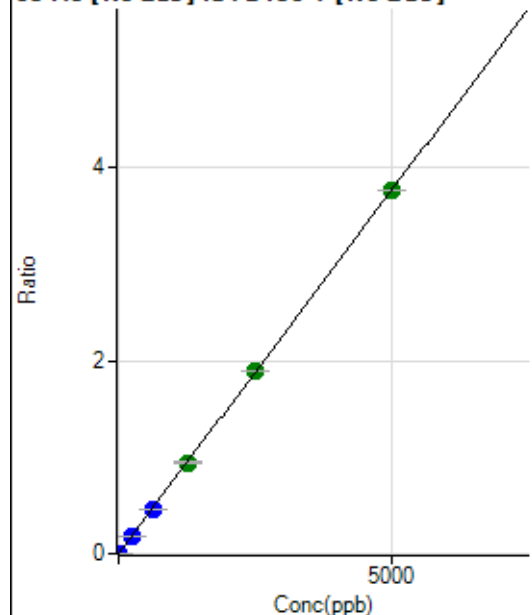
$$DL = 0.03516$$

$$BEC = 0.0432$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	225.01	0.0000	P	9.6
2	☐	5.000	5.127	26634.14	0.0039	P	0.4
3	☐	250.000	248.592	1290300.83	0.1872	P	0.9
4	☐	625.000	614.117	2977889.04	0.4623	P	0.3
5	☐	1250.000	1256.798	6336512.86	0.9462	A	0.2
6	☐	2500.000	2509.256	12287396.54	1.8890	A	0.5
7	☐	5000.000	4995.103	24544843.78	3.7604	A	0.1
8	☐			22474.07	0.0037	P	2.2

$$y = 7.5281\text{E-}004 * x + 3.2346\text{E-}005$$

$$R = 1.0000$$

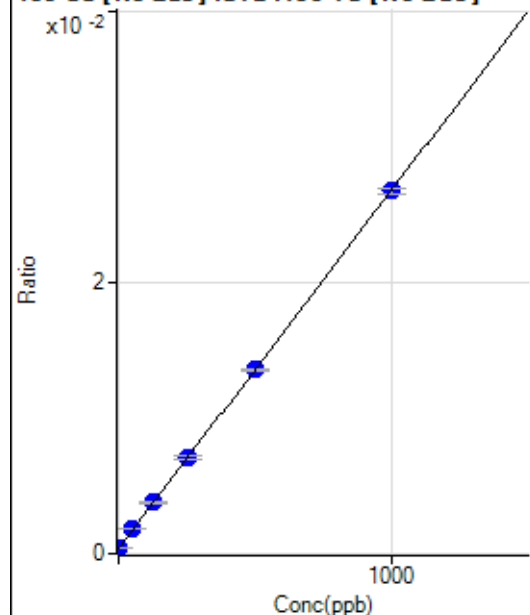
$$DL = 0.01244$$

$$BEC = 0.04297$$

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	2486.43	0.0004	P	1.1
2	☐	1.000	0.669	2578.12	0.0004	P	4.7
3	☐	50.000	54.844	11955.46	0.0018	P	2.3
4	☐	125.000	129.620	23517.61	0.0038	P	3.2
5	☐	250.000	253.646	46494.09	0.0071	P	3.3
6	☐	500.000	500.077	87488.99	0.0136	P	0.8
7	☐	1000.000	998.230	172104.11	0.0268	P	1.5
8	☐			2305.84	0.0004	P	2.6

$$y = 2.6445\text{E-}005 * x + 3.7951\text{E-}004$$

$$R = 1.0000$$

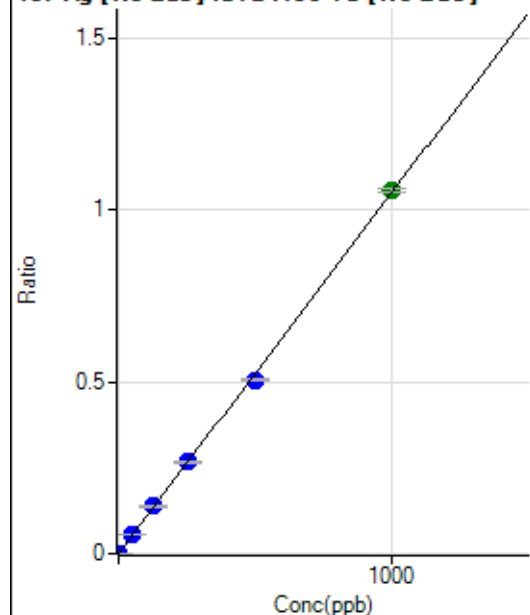
$$DL = 0.4777$$

$$BEC = 14.35$$

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	86.11	0.0000	P	10.6
2	☐	1.000	0.898	6184.94	0.0010	P	3.9
3	☐	50.000	54.232	371093.72	0.0568	P	1.2
4	☐	125.000	131.435	850354.84	0.1376	P	2.1
5	☐	250.000	254.222	1746472.46	0.2662	P	1.0
6	☐	500.000	482.513	3249347.73	0.5053	P	0.3
7	☐	1000.000	1006.672	6774905.01	1.0541	A	1.2
8	☐			811.17	0.0001	P	12.6

$$y = 0.0010 * x + 1.3139\text{E-}005$$

$$R = 0.9997$$

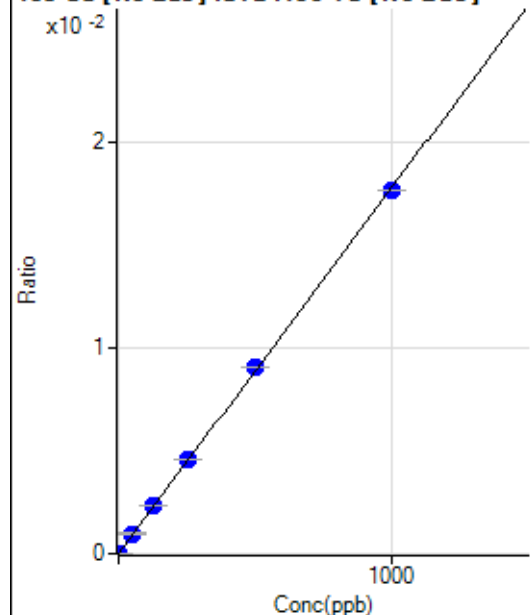
$$DL = 0.004003$$

$$BEC = 0.01255$$

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	11.11	0.0000	P	57.6
2	☐	1.000	1.050	131.95	0.0000	P	7.8
3	☐	50.000	54.778	6355.73	0.0010	P	1.5
4	☐	125.000	130.531	14311.62	0.0023	P	0.7
5	☐	250.000	258.027	30021.00	0.0046	P	0.7
6	☐	500.000	509.551	58104.92	0.0090	P	0.7
7	☐	1000.000	992.288	113077.87	0.0176	P	0.1
8	☐			25.00	0.0000	P	50.8

$$y = 1.7728\text{E-}005 * x + 1.6987\text{E-}006$$

$$R = 0.9999$$

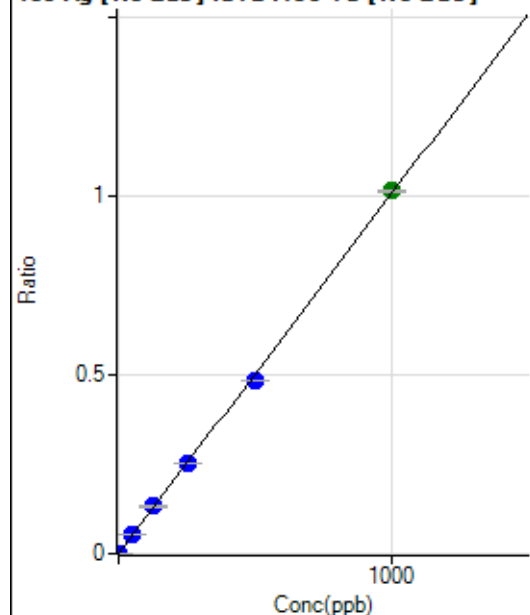
$$DL = 0.1656$$

$$BEC = 0.09582$$

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	61.11	0.0000	P	28.4
2	☐	1.000	0.859	5662.46	0.0009	P	1.6
3	☐	50.000	53.463	351141.35	0.0537	P	0.6
4	☐	125.000	131.760	818254.45	0.1324	P	1.8
5	☐	250.000	251.888	1661029.19	0.2532	P	0.7
6	☐	500.000	480.436	3105587.70	0.4829	P	0.6
7	☐	1000.000	1008.292	6513702.40	1.0135	A	0.8
8	☐			738.94	0.0001	P	21.8

$$y = 0.0010 * x + 9.3294\text{E-}006$$

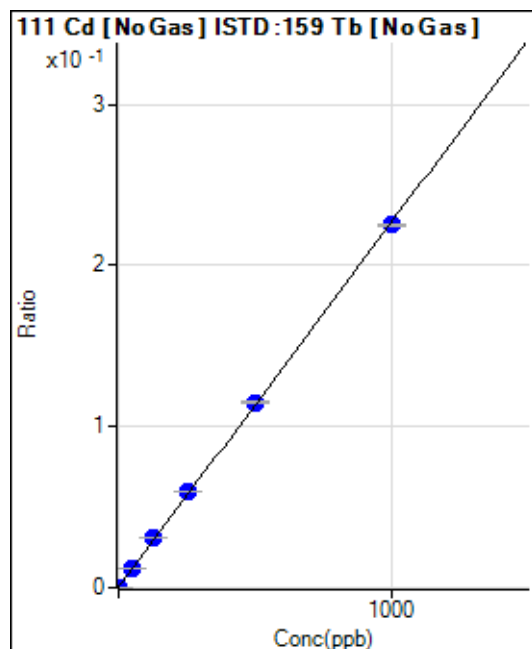
$$R = 0.9997$$

$$DL = 0.007897$$

$$BEC = 0.009282$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1749.39	0.0003	P	1.4
2	☐	1.000	1.041	3263.83	0.0005	P	3.9
3	☐	50.000	53.861	81432.49	0.0125	P	0.4
4	☐	125.000	134.650	190097.71	0.0308	P	0.4
5	☐	250.000	260.454	388710.20	0.0593	P	0.2
6	☐	500.000	506.384	739218.76	0.1149	P	0.5
7	☐	1000.000	992.795	1446856.17	0.2251	P	0.9
8	☐			1878.54	0.0003	P	1.9

$$y = 2.2647\text{E-}004 * x + 2.6701\text{E-}004$$

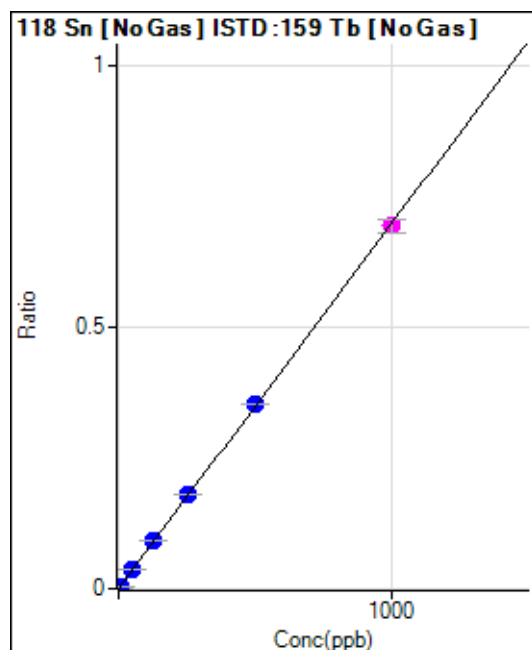
R = 0.9999

DL = 0.0481

BEC = 1.179

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	466.69	0.0001	P	3.5
2	☐	5.000	5.201	23973.97	0.0037	P	0.6
3	☐	50.000	52.669	240155.85	0.0368	P	0.7
4	☐	125.000	132.033	568750.89	0.0920	P	1.4
5	☐	250.000	258.211	1180474.36	0.1799	P	0.7
6	☐	500.000	505.566	2265240.76	0.3522	P	0.8
7	☐	1000.000	994.151	4451169.89	0.6926	M	3.7
8	☐			3745.11	0.0007	P	2.3

$$y = 6.9659\text{E-}004 * x + 7.1244\text{E-}005$$

R = 0.9999

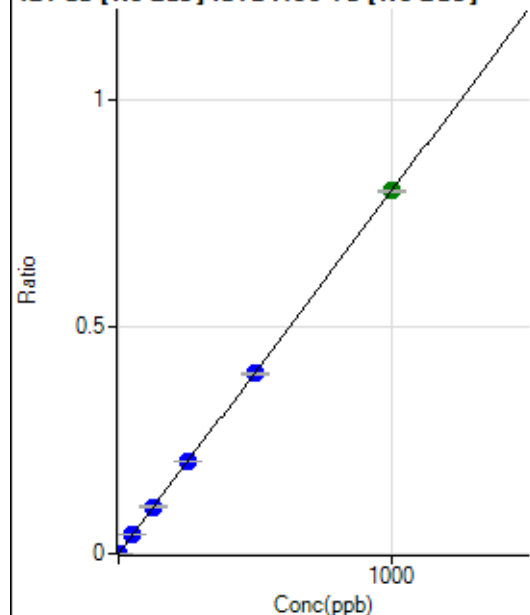
DL = 0.01079

BEC = 0.1023

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	125.01	0.0000	P	42.2
2	☐	2.000	1.974	10345.92	0.0016	P	2.3
3	☐	50.000	51.942	270818.22	0.0415	P	0.7
4	☐	125.000	129.495	638409.62	0.1033	P	1.1
5	☐	250.000	253.938	1329069.47	0.2026	P	0.4
6	☐	500.000	496.412	2546744.37	0.3960	P	0.5
7	☐	1000.000	1000.151	5127966.43	0.7979	A	0.4
8	☐			4859.38	0.0008	P	8.7

$$y = 7.9772\text{E-}004 * x + 1.9110\text{E-}005$$

$$R = 1.0000$$

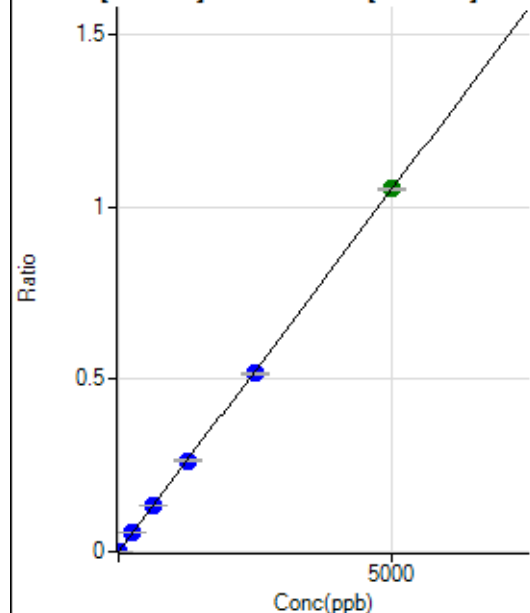
$$DL = 0.03036$$

$$BEC = 0.02396$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.45	0.0000	P	53.8
2	☐	10.000	10.255	14024.29	0.0022	P	2.5
3	☐	250.000	260.112	357099.09	0.0547	P	0.9
4	☐	625.000	638.115	828490.18	0.1341	P	1.1
5	☐	1250.000	1260.901	1738120.85	0.2649	P	0.6
6	☐	2500.000	2466.410	3332727.90	0.5182	P	0.9
7	☐	5000.000	5011.924	6768253.54	1.0531	A	0.4
8	☐			986.19	0.0002	P	5.0

$$y = 2.1012\text{E-}004 * x + 6.7707\text{E-}006$$

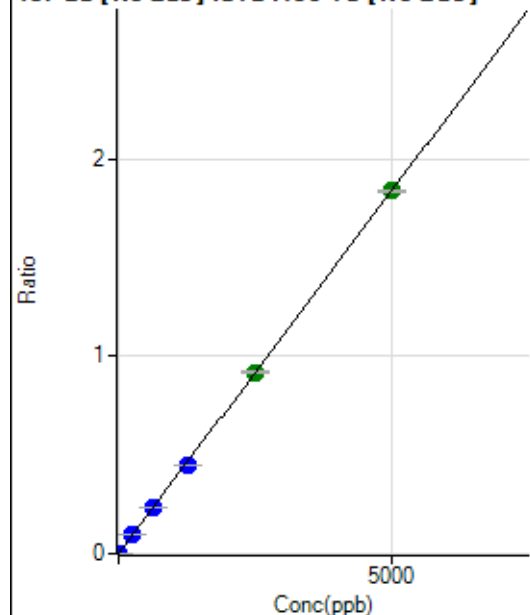
$$R = 1.0000$$

$$DL = 0.05204$$

$$BEC = 0.03222$$

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	52.78	0.0000	P	37.1
2	☐	10.000	10.411	24912.21	0.0038	P	0.3
3	☐	250.000	254.797	612571.68	0.0938	P	0.9
4	☐	625.000	629.772	1432303.97	0.2317	P	0.3
5	☐	1250.000	1230.932	2971585.70	0.4530	P	0.3
6	☐	2500.000	2504.263	5926250.96	0.9215	A	0.7
7	☐	5000.000	5001.798	11829925.18	1.8405	A	0.4
8	☐			1875.22	0.0003	P	5.0

$$y = 3.6797E-004 * x + 8.0680E-006$$

$$R = 1.0000$$

$$DL = 0.02441$$

$$BEC = 0.02193$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐			6.67		P	100.
3	☐			40.00		P	28.9
4	☐			55.56		P	25.0
5	☐			117.78		P	17.3
6	☐			311.12		P	6.9
7	☐			542.25		P	10.3
8	☐			64.45		P	21.5

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	50.0
2	☐			10.00		P	66.7
3	☐			13.33		P	25.0
4	☐			16.67		P	20.0
5	☐			17.78		P	21.7
6	☐			53.33		P	6.3
7	☐			57.78		P	18.5
8	☐			24.44		P	7.9

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.56		P	103.
2	☐			27.78		P	96.4
3	☐			27.78		P	34.6
4	☐			41.67		P	20.0
5	☐			44.44		P	43.3
6	☐			75.00		P	11.1
7	☐			163.90		P	20.5
8	☐			33.33		P	25.0

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			18.89		P	40.7
2	☐			14.45		P	48.0
3	☐			31.11		P	34.4
4	☐			22.22		P	17.3
5	☐			48.89		P	14.2
6	☐			84.45		P	19.9
7	☐			164.45		P	27.2
8	☐			28.89		P	24.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			50.00		P	28.9
2	☐			66.67		P	25.0
3	☐			47.23		P	20.4
4	☐			52.78		P	18.2
5	☐			55.56		P	45.8
6	☐			58.33		P	51.5
7	☐			97.23		P	35.7
8	☐			52.78		P	59.8

160 Gd [He] No available calibration points

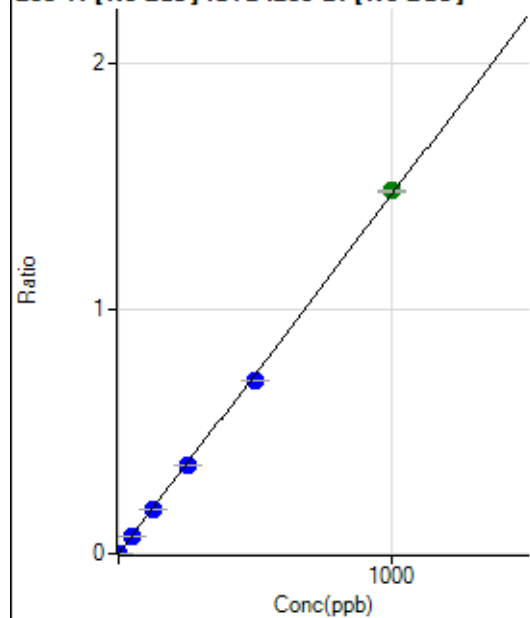
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			153.34		P	14.3
2	☐			136.67		P	6.5
3	☐			144.45		P	16.7
4	☐			146.67		P	15.7
5	☐			126.67		P	4.6
6	☐			158.89		P	14.7
7	☐			134.45		P	10.0
8	☐			133.34		P	5.0

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			66.67		P	21.6
2	☐			36.11		P	96.1
3	☐			36.11		P	13.3
4	☐			44.45		P	47.2
5	☐			50.00		P	16.7
6	☐			33.33		P	0.0
7	☐			63.89		P	19.9
8	☐			44.45		P	47.2

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			35.56		P	39.0
2	☐			40.00		P	28.9
3	☐			40.00		P	38.2
4	☐			53.33		P	37.5
5	☐			46.66		P	44.6
6	☐			51.11		P	21.0
7	☐			54.44		P	9.4
8	☐			55.55		P	30.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	419.47	0.0001	P	22.8
2	☐	1.000	0.950	5070.64	0.0015	P	3.6
3	☐	50.000	49.330	243037.69	0.0724	P	0.4
4	☐	125.000	121.084	569293.09	0.1775	P	0.3
5	☐	250.000	245.062	1199952.81	0.3591	P	0.6
6	☐	500.000	481.759	2283050.29	0.7058	P	0.5
7	☐	1000.000	1010.878	4639214.47	1.4809	A	0.9
8	☐			1072.32	0.0004	P	8.6

$$y = 0.0015 * x + 1.2394E-004$$

$$R = 0.9997$$

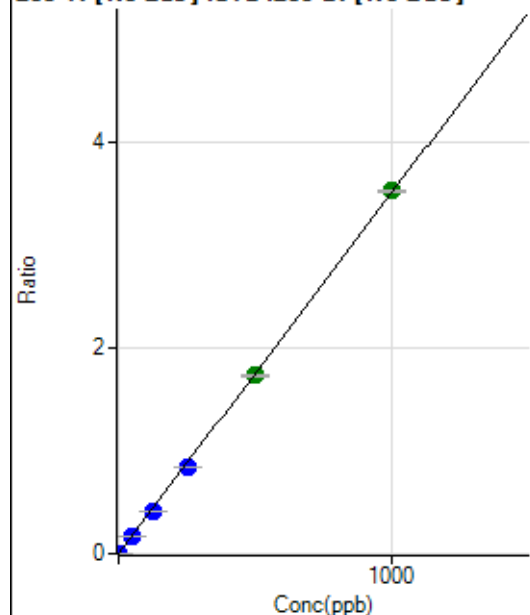
$$DL = 0.05787$$

$$BEC = 0.08461$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	608.38	0.0002	P	2.4
2	☐	1.000	0.949	11711.24	0.0035	P	1.2
3	☐	50.000	48.947	575386.97	0.1714	P	0.8
4	☐	125.000	118.444	1329266.85	0.4144	P	0.8
5	☐	250.000	238.846	2791919.85	0.8355	P	0.4
6	☐	500.000	494.361	5593083.41	1.7291	A	1.1
7	☐	1000.000	1006.480	11028384.45	3.5202	A	0.8
8	☐			2164.17	0.0008	P	5.0

$$y = 0.0035 * x + 1.7958E-004$$

$$R = 0.9999$$

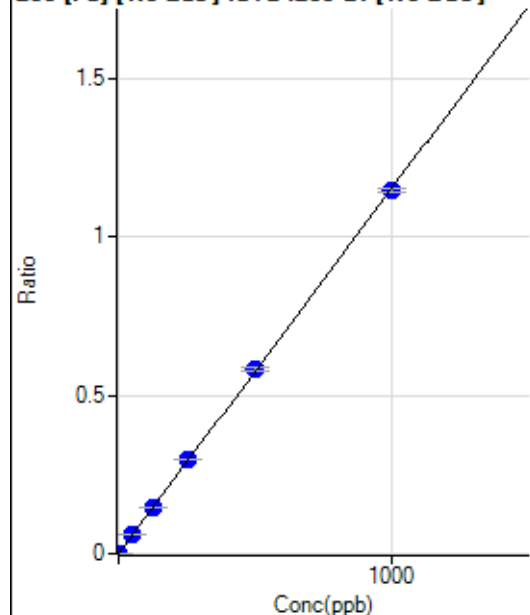
$$DL = 0.003626$$

$$BEC = 0.05135$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	627.81	0.0002	P	6.6
2	☐	1.000	1.009	4506.46	0.0013	P	4.0
3	☐	50.000	51.691	200371.05	0.0597	P	0.3
4	☐	125.000	127.098	469776.65	0.1465	P	0.8
5	☐	250.000	258.562	994975.30	0.2978	P	0.8
6	☐	500.000	506.268	1885267.56	0.5828	P	1.3
7	☐	1000.000	994.378	3585881.16	1.1446	P	0.9
8	☐			11553.46	0.0045	P	1.5

$$y = 0.0012 * x + 1.8524E-004$$

$$R = 0.9999$$

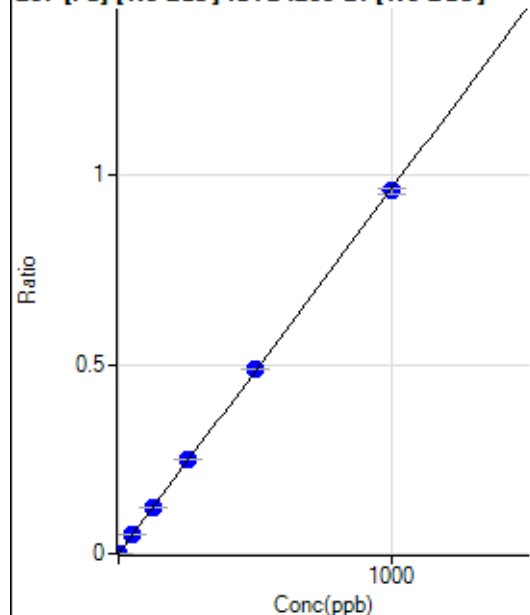
$$DL = 0.03189$$

$$BEC = 0.161$$

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	561.14	0.0002	P	19.1
2	☐	1.000	1.045	3928.48	0.0012	P	5.2
3	☐	50.000	51.181	166390.02	0.0496	P	0.2
4	☐	125.000	127.986	396672.17	0.1237	P	0.4
5	☐	250.000	257.690	831503.72	0.2488	P	0.2
6	☐	500.000	506.975	1583019.03	0.4894	P	0.3
7	☐	1000.000	994.158	3005856.84	0.9595	P	1.4
8	☐			10009.64	0.0039	P	1.8

$$y = 9.6499\text{E-}004 * x + 1.6581\text{E-}004$$

$$R = 0.9999$$

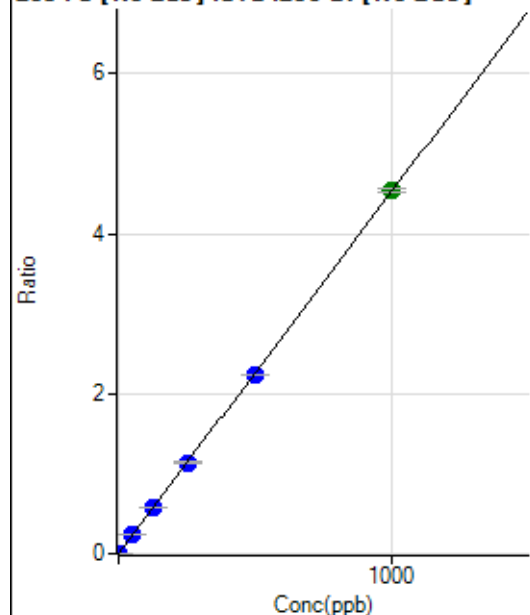
$$DL = 0.09831$$

$$BEC = 0.1718$$

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	2139.01	0.0006	P	3.6
2	☐	1.000	1.003	17288.14	0.0052	P	3.7
3	☐	50.000	50.628	770914.06	0.2296	P	0.4
4	☐	125.000	125.362	1820577.16	0.5676	P	0.5
5	☐	250.000	251.873	3808456.71	1.1397	P	0.5
6	☐	500.000	493.164	7216419.32	2.2310	P	0.3
7	☐	1000.000	1002.873	14210476.88	4.5361	A	1.2
8	☐			44149.66	0.0170	P	1.0

$$y = 0.0045 * x + 6.3146\text{E-}004$$

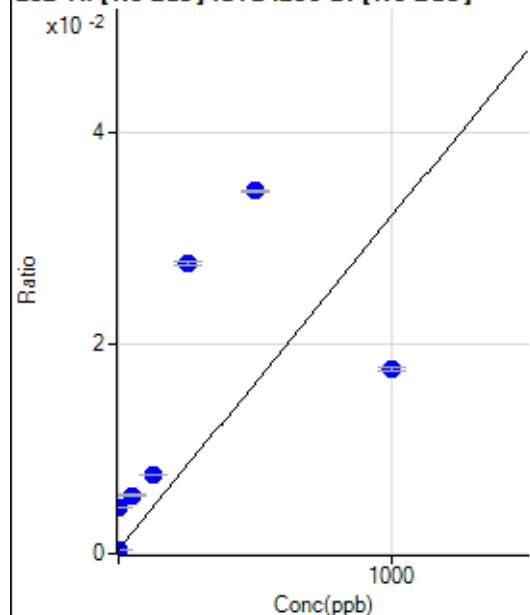
$$R = 1.0000$$

$$DL = 0.01514$$

$$BEC = 0.1396$$

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	1344.55	0.0004	P	6.6
2	☐	1.000	125.802	14664.30	0.0044	P	1.8
3	☐	50.000	162.902	18660.27	0.0056	P	2.5
4	☐	125.000	223.099	23943.15	0.0075	P	1.5
5	☐	250.000	859.425	92302.23	0.0276	P	1.3
6	☐	500.000	1076.005	111543.49	0.0345	P	0.5
7	☐	1000.000	541.609	55012.62	0.0176	P	2.0
8	☐			1416.79	0.0005	P	4.3

$$y = 3.1679\text{E-}005 * x + 3.9704\text{E-}004$$

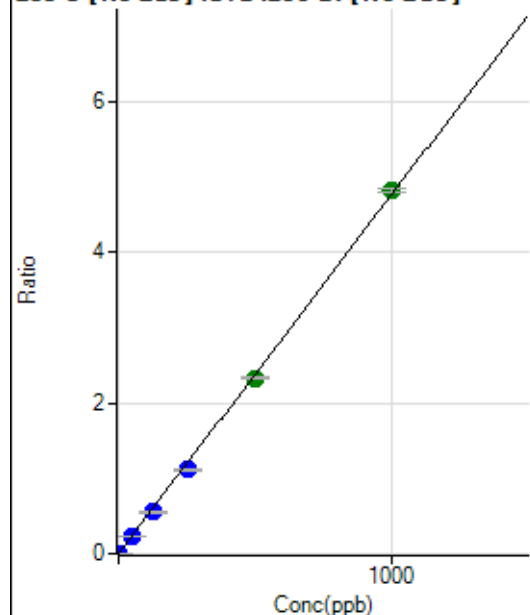
$$R = 0.5664$$

$$DL = 2.496$$

$$BEC = 12.53$$

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	1878.00	0.0006	P	9.7
2	☐	1.000	0.935	16747.84	0.0050	P	2.8
3	☐	50.000	46.709	748397.38	0.2229	P	1.2
4	☐	125.000	115.337	1762993.45	0.5496	P	1.1
5	☐	250.000	233.139	3710244.61	1.1103	P	0.9
6	☐	500.000	489.972	7546143.01	2.3329	A	1.2
7	☐	1000.000	1010.602	15072026.90	4.8111	A	1.2
8	☐			2714.29	0.0010	P	4.4

$$y = 0.0048 * x + 5.5468\text{E-}004$$

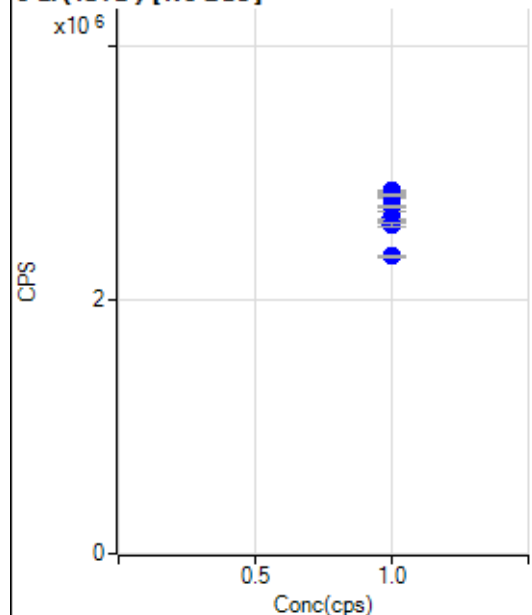
$$R = 0.9998$$

$$DL = 0.03393$$

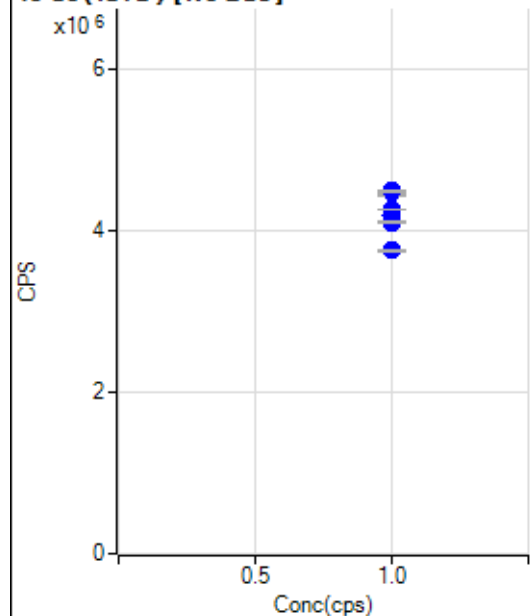
$$BEC = 0.1165$$

Weight: <None>

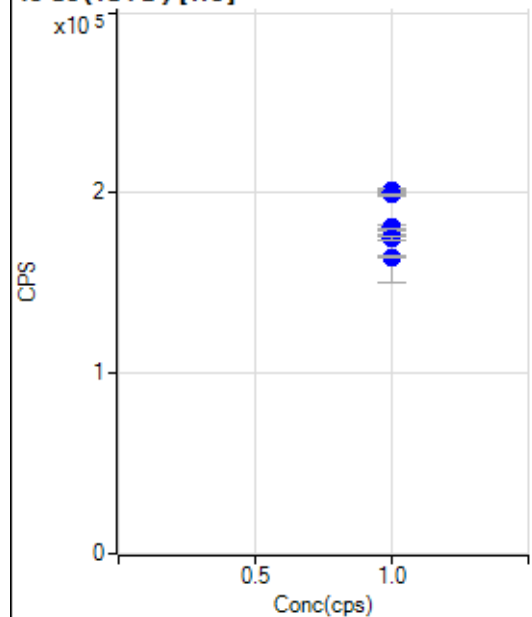
Min Conc: 0

6 Li (ISTD) [No Gas]

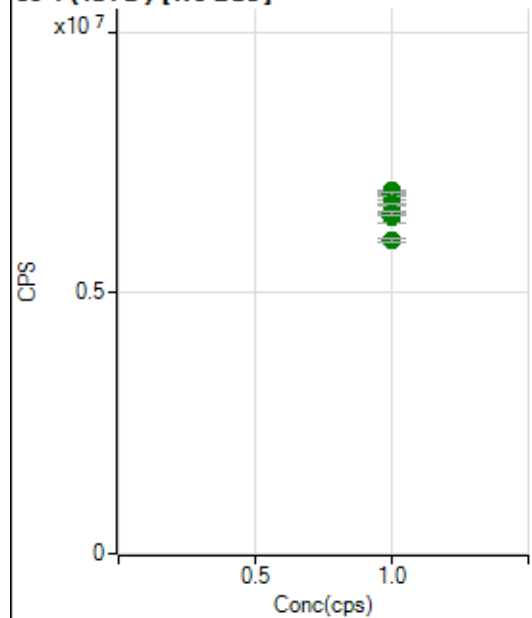
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2861015.03		P	0.7
2	☐	1.000		2825364.19		P	1.3
3	☐	1.000		2832325.10		P	0.6
4	☐	1.000		2656110.10		P	3.0
5	☐	1.000		2738253.54		P	0.3
6	☐	1.000		2638471.07		P	0.5
7	☐	1.000		2595881.12		P	1.1
8	☐	1.000		2347078.21		P	0.6

45 Sc (ISTD) [No Gas]

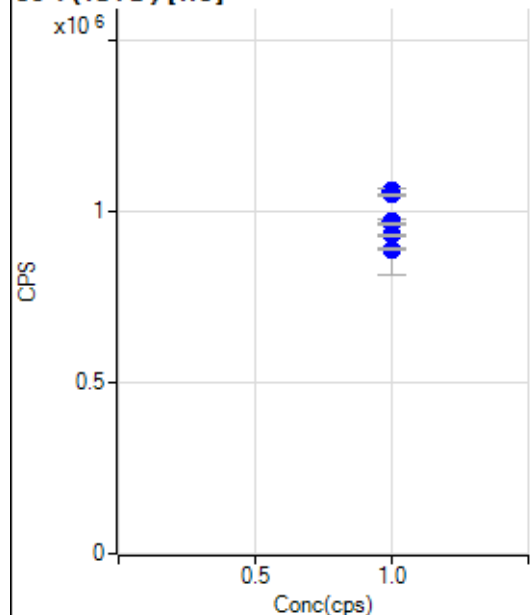
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4487872.75		P	0.9
2	☐	1.000		4468538.38		P	1.3
3	☐	1.000		4496313.03		P	0.6
4	☐	1.000		4190085.60		P	3.8
5	☐	1.000		4267114.68		P	0.3
6	☐	1.000		4119965.02		P	0.5
7	☐	1.000		4106411.07		P	0.8
8	☐	1.000		3762888.02		P	0.6

45 Sc (ISTD) [He]

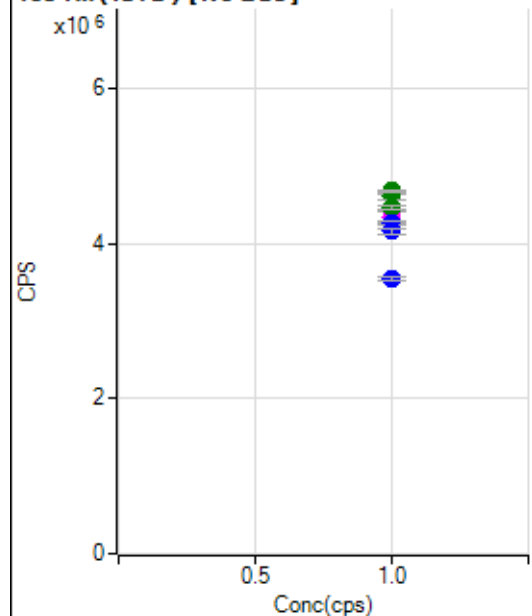
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		201121.77		P	0.5
2	☐	1.000		200876.82		P	1.2
3	☐	1.000		198829.57		P	0.5
4	☐	1.000		181207.19		P	1.5
5	☐	1.000		163798.83		P	16.2
6	☐	1.000		179626.06		P	0.5
7	☐	1.000		174390.31		P	1.3
8	☐	1.000		164541.53		P	0.4

89 Y (ISTD) [No Gas]

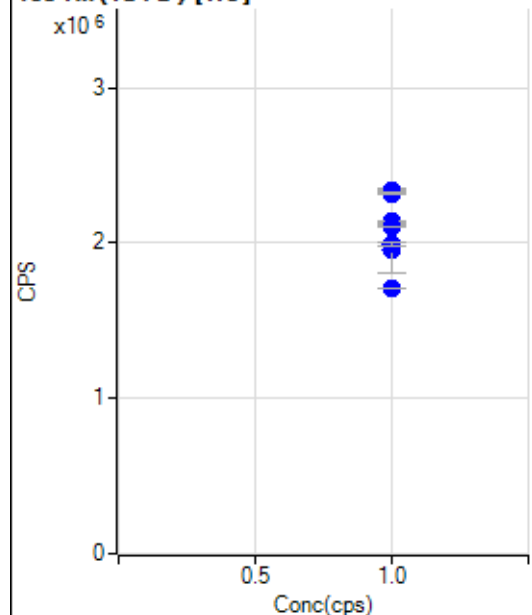
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6955811.70		A	0.1
2	☐	1.000		6843840.38		A	1.4
3	☐	1.000		6893798.16		A	0.7
4	☐	1.000		6440927.61		A	3.1
5	☐	1.000		6697037.33		A	0.3
6	☐	1.000		6504803.59		A	1.0
7	☐	1.000		6527255.46		A	1.5
8	☐	1.000		6022317.62		A	1.1

89 Y (ISTD) [He]

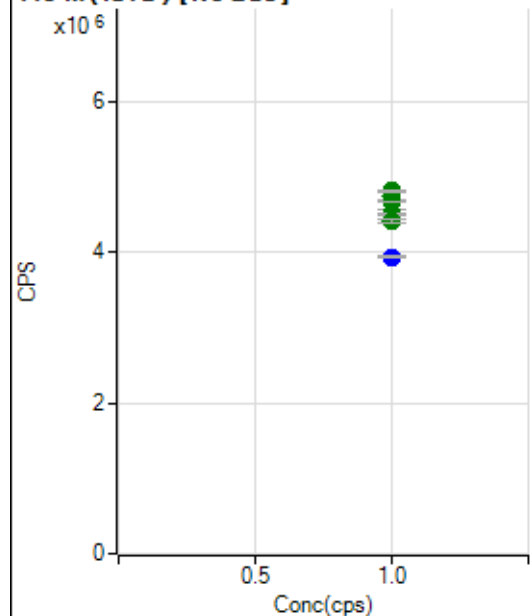
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1061146.02		P	1.3
2	☐	1.000		1060159.57		P	1.2
3	☐	1.000		1051399.91		P	0.5
4	☐	1.000		975316.75		P	1.2
5	☐	1.000		887979.94		P	16.2
6	☐	1.000		966387.28		P	0.5
7	☐	1.000		931126.80		P	0.4
8	☐	1.000		889582.46		P	0.4

103 Rh (ISTD) [No Gas]

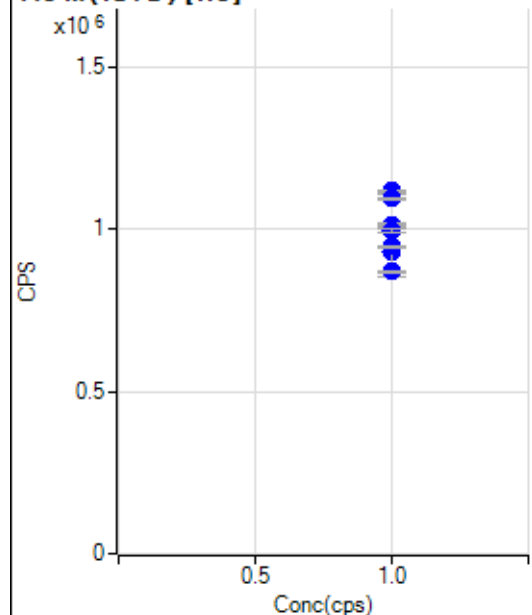
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4676282.70		A	0.1
2	☐	1.000		4601184.39		A	1.4
3	☐	1.000		4671403.36		A	0.2
4	☐	1.000		4341528.40		M	3.5
5	☐	1.000		4471280.39		A	1.1
6	☐	1.000		4259534.38		P	0.9
7	☐	1.000		4158357.60		P	1.6
8	☐	1.000		3545149.86		P	1.0

103 Rh (ISTD) [He]

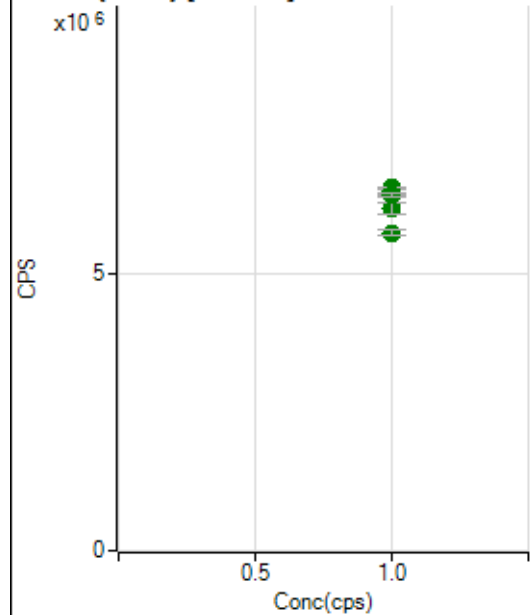
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2336086.74		P	0.9
2	☐	1.000		2335267.67		P	0.3
3	☐	1.000		2321566.79		P	0.7
4	☐	1.000		2138375.89		P	0.8
5	☐	1.000		1961370.82		P	16.2
6	☐	1.000		2105642.70		P	0.4
7	☐	1.000		1992098.89		P	0.9
8	☐	1.000		1709211.71		P	0.5

115 In (ISTD) [No Gas]

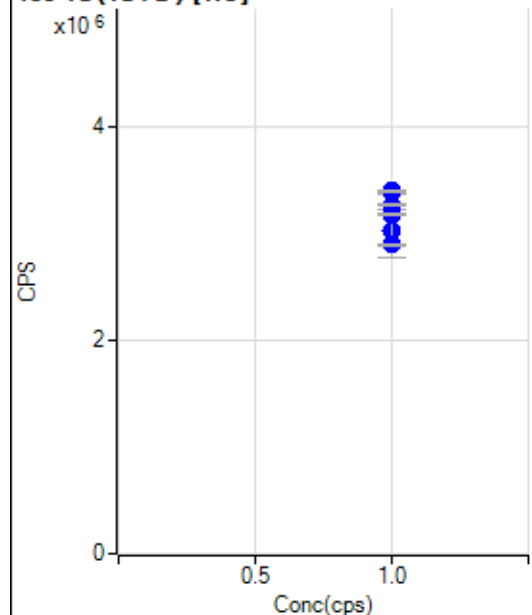
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4821301.46		A	0.7
2	☐	1.000		4760536.58		A	2.4
3	☐	1.000		4814367.13		A	0.5
4	☐	1.000		4509076.68		A	3.1
5	☐	1.000		4669398.73		A	0.1
6	☐	1.000		4513073.76		A	0.2
7	☐	1.000		4426417.93		A	1.2
8	☐	1.000		3943680.38		P	1.0

115 In (ISTD) [He]

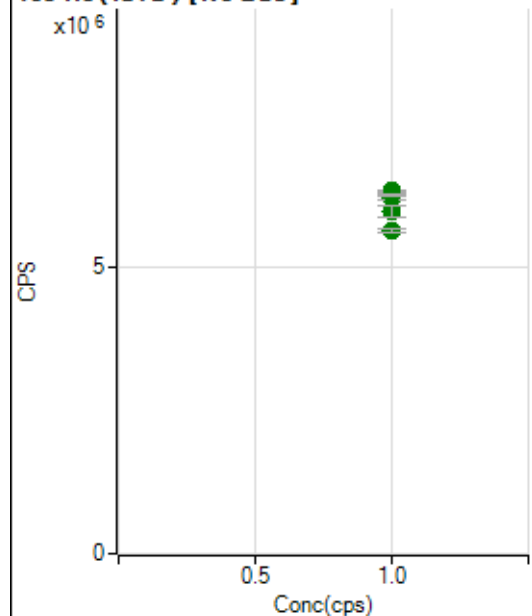
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1111938.44		P	0.4
2	☐	1.000		1119086.70		P	0.6
3	☐	1.000		1095231.89		P	0.8
4	☐	1.000		1016575.20		P	0.3
5	☐	1.000		929702.73		P	16.8
6	☐	1.000		997278.22		P	0.8
7	☐	1.000		948813.55		P	0.6
8	☐	1.000		870185.76		P	0.6

159 Tb (ISTD) [No Gas]

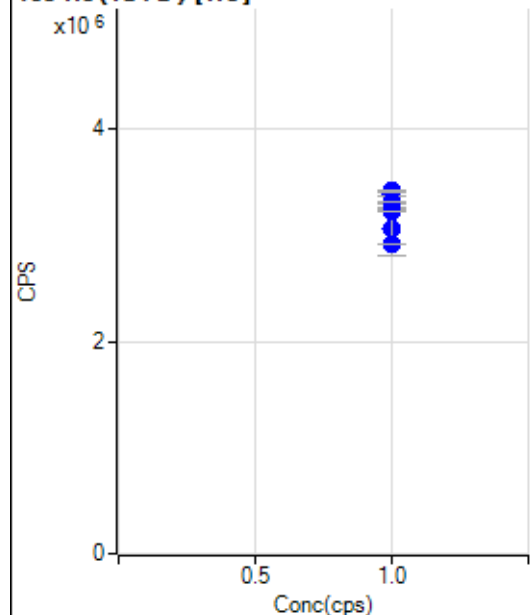
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6551349.49		A	0.6
2	☐	1.000		6489217.19		A	1.2
3	☐	1.000		6533079.90		A	0.4
4	☐	1.000		6180460.05		A	3.5
5	☐	1.000		6560403.31		A	0.2
6	☐	1.000		6430971.85		A	0.2
7	☐	1.000		6427252.12		A	1.2
8	☐	1.000		5749622.62		A	1.5

159 Tb (ISTD) [He]

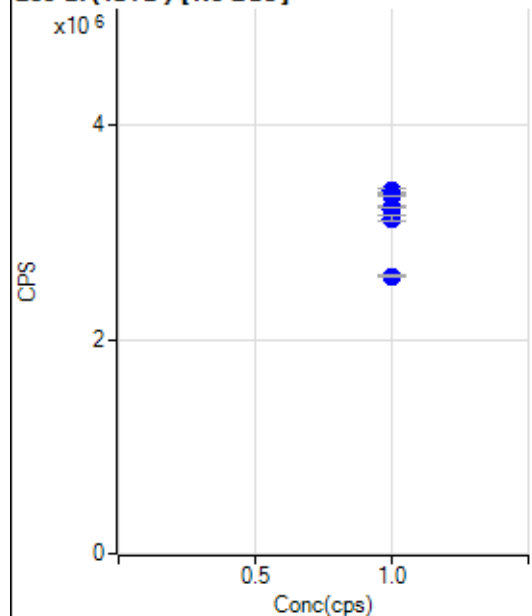
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3390707.28		P	1.2
2	☐	1.000		3382522.28		P	0.5
3	☐	1.000		3397045.85		P	0.5
4	☐	1.000		3222646.58		P	0.3
5	☐	1.000		3022565.58		P	16.9
6	☐	1.000		3263979.78		P	0.3
7	☐	1.000		3174262.59		P	0.5
8	☐	1.000		2890409.54		P	0.5

165 Ho (ISTD) [No Gas]

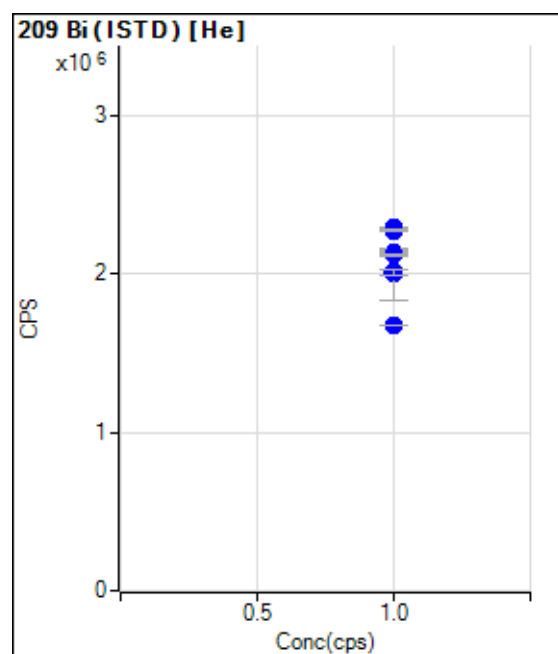
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6307370.32		A	0.6
2	☐	1.000		6220897.67		A	1.6
3	☐	1.000		6285534.64		A	0.6
4	☐	1.000		5975331.08		A	3.8
5	☐	1.000		6333210.43		A	0.8
6	☐	1.000		6273140.51		A	1.3
7	☐	1.000		6268086.99		A	0.6
8	☐	1.000		5634879.86		A	1.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3408977.38		P	0.5
2	☐	1.000		3397087.69		P	1.2
3	☐	1.000		3420339.92		P	0.5
4	☐	1.000		3252790.58		P	0.2
5	☐	1.000		3057290.82		P	16.2
6	☐	1.000		3313939.64		P	0.2
7	☐	1.000		3228582.31		P	0.3
8	☐	1.000		2918023.36		P	0.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3387714.39		P	1.0
2	☐	1.000		3346531.27		P	0.9
3	☐	1.000		3357698.94		P	0.2
4	☐	1.000		3207324.01		P	2.6
5	☐	1.000		3341586.17		P	0.3
6	☐	1.000		3234663.74		P	0.2
7	☐	1.000		3133089.01		P	1.7
8	☐	1.000		2591488.22		P	0.9



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2274682.05		P	0.6
2	☐	1.000		2289158.35		P	0.4
3	☐	1.000		2270325.00		P	0.5
4	☐	1.000		2139815.33		P	0.5
5	☐	1.000		1996426.54		P	16.3
6	☐	1.000		2117347.26		P	0.9
7	☐	1.000		2012049.87		P	1.6
8	☐	1.000		1675681.92		P	0.5

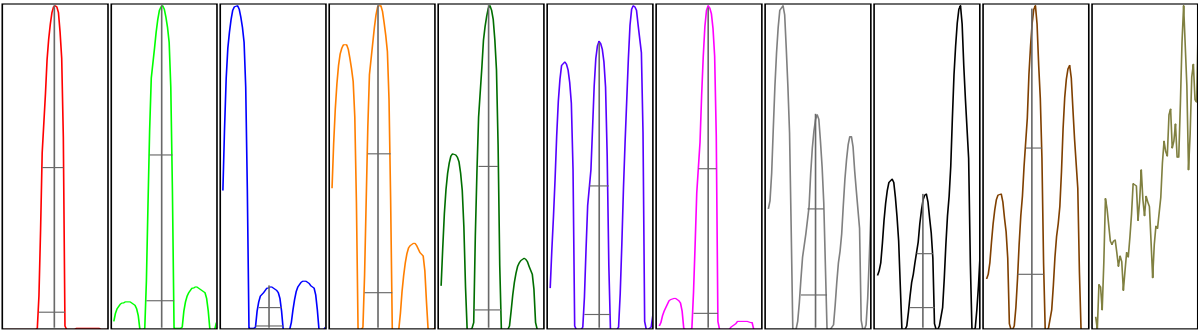
US EPA Tune Check Sample Report

Batch Folder D:\ICP-MS Data\P7112519-MS2.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]					
Mass	Count	RSD%	RSD%	RSD%	
	(Mean)	(Actual)	(Required)	(Flag)	
9	10662	1.12	5.00		
24	777627	1.02	5.00		
25	103565	1.21	5.00		
26	114916	1.23	5.00		
59	57602	0.93	5.00		
113	6574	1.12	5.00		
115	77709	1.48	5.00		
206	16015	1.12	5.00		
207	15481	1.79	5.00		
208	34650	1.92	5.00		
220	67	5.22			

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	10639	10528	10574	10776	10795
24	781777	772102	766434	783493	784330
25	103715	103150	101672	104330	104960
26	115149	113727	113228	115915	116558
59	57901	57027	57020	57933	58126
113	6547	6539	6485	6641	6660
115	77308	77272	76258	78544	79163
206	15989	15797	15898	16172	16222
207	15490	15162	15312	15544	15894
208	34538	33850	34208	35249	35404
220	68	69	71	68	62

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	17976	9.00	8.9 - 9.1		0.772	0.900	
24	1226860	23.95	23.9 - 24.1		0.810	0.900	
25	160519	24.90	24.9 - 25.1		0.789	0.900	
26	182430	25.90	25.9 - 26.1		0.803	0.900	
59	99813	58.95	58.9 - 59.1		0.778	0.900	
113	12512	113.00	112.9 - 113.1		0.766	0.900	
115	147683	115.00	114.9 - 115.1		0.726	0.900	
206	31540	205.95	205.9 - 206.1		0.756	0.900	
207	28287	206.90	206.9 - 207.1		0.722	0.900	
208	67264	207.90	207.9 - 208.1		0.751	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	7.7	V	Deflect	14.4	V
Extract 2	-130.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-65	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	140	V			

[He]

Mass	Count	RSD%	RSD%
	(Mean)	(Actual)	(Required)
59	14127	0.52	
89	208269	0.59	
205	15769	0.35	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	14033	14129	14085	14229	14157
89	208562	206290	209658	208192	208640
205	15773	15675	15813	15790	15794

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	8.3	V	Deflect	1.8	V
Extract 2	-145.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-70	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 17:38:11 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.42	0.21	0.21	0.00	N/A	ppb
Antimony	121-1	0.01	0.00	-0.01	0.00	N/A	ppb
Arsenic	75-2	0.02	-0.01	-0.02	0.00	N/A	ppb
Barium	135-1	-0.02	0.01	0.01	0.00	N/A	ppb
Barium	137-1	0.01	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.07	-0.14	0.21	0.00	N/A	ppb
Boron	11-1	0.01	-0.14	0.13	0.00	N/A	ppb
Cadmium	111-1	-0.02	0.01	0.01	0.00	N/A	ppb
Cadmium	106-1	-0.16	0.16	0.00	0.00	N/A	ppb
Cadmium	108-1	0.05	0.01	-0.06	0.00	N/A	ppb
Calcium	43-1	1.55	-0.86	-0.69	0.00	N/A	ppb
Calcium	44-1	0.54	-0.56	0.01	0.00	N/A	ppb
Chromium	52-2	-0.06	0.03	0.03	0.00	N/A	ppb
Cobalt	59-2	-0.01	0.00	0.01	0.00	N/A	ppb
Copper	63-2	0.00	0.00	0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.06	0.00	0.06	0.00	N/A	ppb
Iron	57-2	0.24	0.61	-0.86	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lead	207-1	-0.02	-0.02	0.04	0.00	N/A	ppb
Lead	208-1	0.00	-0.01	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.25	0.41	-0.16	0.00	N/A	ppb

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 17:38:11 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	94-1	-0.03	0.03	0.00	0.00	N/A	ppb
Molybdenum	95-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	-0.01	-0.01	0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	0.01	0.00	N/A	ppb
Phosphorus	31-2	-197.74	-196.15	-296.19	-230.02		ppb
Potassium	39-2	-2.11	1.42	0.69	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-0.17	-0.17	0.33	0.00	N/A	ppb
Selenium	78-2	-0.05	-0.42	0.47	0.00	N/A	ppb
Selenium	82-1	-0.07	-0.77	0.84	0.00	N/A	ppb
Silicon	28-1	0.15	-0.30	0.15	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.87	-0.64	-0.23	0.00	N/A	ppb
Strontium	86-1	0.00	-0.01	0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-325.59	-2109.15	514.65	-640.03		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.02	0.02	0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Thorium	232-1	-0.43	-0.53	0.96	0.00	N/A	ppb
Tin	118-1	0.00	0.00	0.00	0.00	N/A	ppb
Titanium	47-1	-0.02	0.00	0.02	0.00	N/A	ppb
Uranium	238-1	-0.01	0.00	0.01	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 :	LB106474	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :		Dilution Factor :	
Date & Time Acquired ::	2019-11-25 17:38:11	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.05	0.04	0.00	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	-0.01	0.00	0.01	0.00	N/A	ppb

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 17:41:44 DataFile Name : 004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.49	21.13	20.93	20.18	7.30	ppb
Antimony	121-1	1.95	1.95	2.03	1.97	2.34	ppb
Arsenic	75-2	1.09	1.10	1.15	1.11	2.73	ppb
Barium	135-1	10.31	10.48	9.97	10.26	2.54	ppb
Barium	137-1	10.42	10.38	10.44	10.41	0.26	ppb
Beryllium	9-1	1.05	1.06	0.99	1.03	3.82	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Boron	10-1	23.39	25.40	24.12	24.30	4.19	ppb
Boron	11-1	23.79	24.20	23.79	23.93	0.99	ppb
Cadmium	111-1	0.94	1.10	1.09	1.04	8.39	ppb
Cadmium	106-1	-0.14	1.13	1.02	0.67	105.31	ppb
Cadmium	108-1	1.00	1.00	1.15	1.05	8.56	ppb
Calcium	43-1	487.21	493.58	486.73	489.17	0.78	ppb
Calcium	44-1	503.72	500.35	497.56	500.55	0.62	ppb
Chromium	52-2	2.08	2.13	1.95	2.05	4.68	ppb
Cobalt	59-2	1.10	1.09	1.08	1.09	1.17	ppb
Copper	63-2	2.19	2.15	2.07	2.14	2.81	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				99		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	56-2	59.66	56.50	56.69	57.62	3.08	ppb
Iron	57-2	59.94	53.73	55.06	56.24	5.82	ppb
Krypton	83-1						cps
Lead	206-1	1.06	0.97	0.99	1.01	4.66	ppb
Lead	207-1	1.02	1.12	1.00	1.04	6.03	ppb
Lead	208-1	1.00	1.05	0.96	1.00	4.26	ppb
Lithium	6-1				99		%
Magnesium	24-2	552.01	537.66	540.43	543.37	1.40	ppb

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 17:41:44 DataFile Name : 004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.06	1.06	0.95	1.03	6.02	ppb
Molybdenum	94-1	4.86	4.92	4.74	4.84	1.91	ppb
Molybdenum	95-1	4.72	4.98	4.92	4.87	2.77	ppb
Molybdenum	96-1	4.95	4.95	4.82	4.91	1.57	ppb
Molybdenum	97-1	4.82	4.86	4.90	4.86	0.82	ppb
Molybdenum	98-1	5.13	5.14	5.10	5.13	0.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.13	0.96	1.14	1.07	9.13	ppb
Phosphorus	31-2	160.23	17.04	512.80	230.02	110.92	ppb
Potassium	39-2	525.99	511.02	507.06	514.69	1.94	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	3.34	8.80	0.85	4.33	93.87	ppb
Selenium	78-2	5.94	5.48	6.57	6.00	9.16	ppb
Selenium	82-1	5.64	5.92	6.53	6.03	7.60	ppb
Silicon	28-1	7.11	7.03	6.38	6.84	5.81	ppb
Silver	109-1	0.85	0.87	0.85	0.86	1.61	ppb
Silver	107-1	0.93	0.86	0.90	0.90	3.99	ppb
Sodium	23-2	536.09	528.19	531.84	532.04	0.74	ppb
Strontium	86-1	1.16	1.09	1.19	1.15	4.45	ppb
Strontium	88-1	1.03	1.00	1.04	1.02	1.82	ppb
Sulfur	34-1	1093.04	112.73	714.33	640.03	77.24	ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	0.99	0.94	0.92	0.95	3.95	ppb
Thallium	205-1	0.96	0.94	0.95	0.95	1.26	ppb
Thorium	232-1	127.43	127.05	122.93	125.80	1.98	ppb
Tin	118-1	5.22	5.16	5.22	5.20	0.64	ppb
Titanium	47-1	4.88	5.16	5.37	5.14	4.84	ppb
Uranium	238-1	0.91	0.97	0.93	0.93	3.12	ppb
Vanadium	51-2	5.55	5.33	5.38	5.42	2.08	ppb
Yttrium	89-1				98		%
Yttrium	89-2				100		%

LB Number :	LB106474	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :		Dilution Factor :	
Date & Time Acquired ::	2019-11-25 17:41:44	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.31	2.01	2.38	2.23	8.98	ppb
Zirconium	90-1	0.84	0.83	0.85	0.84	1.12	ppb
Zirconium	91-1	0.95	0.83	0.90	0.89	6.84	ppb

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 17:45:58 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1092.34	1084.77	1075.97	1084.36	0.76	ppb
Antimony	121-1	52.24	52.07	51.51	51.94	0.73	ppb
Arsenic	75-2	51.53	52.54	51.55	51.87	1.12	ppb
Barium	135-1	262.84	259.18	258.31	260.11	0.92	ppb
Barium	137-1	255.06	256.84	252.50	254.80	0.86	ppb
Beryllium	9-1	52.24	52.00	52.63	52.29	0.61	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	49.31	50.56	52.12	50.67	2.78	ppb
Boron	11-1	51.65	52.96	51.56	52.06	1.50	ppb
Cadmium	111-1	54.09	53.79	53.70	53.86	0.38	ppb
Cadmium	106-1	55.93	52.99	55.62	54.84	2.95	ppb
Cadmium	108-1	54.18	54.42	55.74	54.78	1.53	ppb
Calcium	43-1	5160.53	5236.34	5098.40	5165.09	1.34	ppb
Calcium	44-1	5120.00	5185.35	5084.43	5129.92	1.00	ppb
Chromium	52-2	51.84	52.53	51.86	52.08	0.75	ppb
Cobalt	59-2	53.76	53.66	53.02	53.48	0.75	ppb
Copper	63-2	103.55	104.01	104.25	103.94	0.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	2706.59	2710.30	2694.99	2703.96	0.30	ppb
Iron	57-2	2693.86	2681.57	2696.24	2690.56	0.29	ppb
Krypton	83-1						cps
Lead	206-1	51.52	51.71	51.84	51.69	0.31	ppb
Lead	207-1	51.07	51.23	51.24	51.18	0.18	ppb
Lead	208-1	50.75	50.42	50.71	50.63	0.35	ppb
Lithium	6-1				99		%
Magnesium	24-2	5362.84	5401.31	5347.81	5370.65	0.51	ppb

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 17:45:58 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	105.21	105.38	104.18	104.92	0.62	ppb
Molybdenum	94-1	249.21	247.02	248.61	248.28	0.46	ppb
Molybdenum	95-1	248.24	246.14	249.97	248.12	0.77	ppb
Molybdenum	96-1	247.44	246.74	249.40	247.86	0.55	ppb
Molybdenum	97-1	248.70	249.25	252.61	250.19	0.85	ppb
Molybdenum	98-1	247.52	247.15	251.11	248.59	0.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.42	53.84	53.20	53.49	0.60	ppb
Phosphorus	31-2	935.82	1120.33	1107.47	1054.54	9.77	ppb
Potassium	39-2	2585.31	2619.16	2593.55	2599.34	0.68	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	77-2	59.75	54.82	46.71	53.76	12.24	ppb
Selenium	78-2	52.23	50.62	49.59	50.81	2.62	ppb
Selenium	82-1	54.47	52.97	52.34	53.26	2.05	ppb
Silicon	28-1	51.93	53.11	52.15	52.40	1.20	ppb
Silver	109-1	53.25	53.30	53.85	53.46	0.62	ppb
Silver	107-1	54.54	53.50	54.65	54.23	1.17	ppb
Sodium	23-2	5410.87	5469.21	5391.94	5424.00	0.74	ppb
Strontium	86-1	51.02	52.31	51.74	51.69	1.25	ppb
Strontium	88-1	50.50	49.75	50.97	50.41	1.22	ppb
Sulfur	34-1	-58.28	1171.91	-9.76	367.95	189.34	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	49.14	49.32	49.53	49.33	0.40	ppb
Thallium	205-1	48.57	48.91	49.36	48.95	0.81	ppb
Thorium	232-1	158.76	162.36	167.58	162.90	2.72	ppb
Tin	118-1	53.07	52.41	52.52	52.67	0.66	ppb
Titanium	47-1	252.04	252.87	250.19	251.70	0.54	ppb
Uranium	238-1	46.27	46.50	47.36	46.71	1.22	ppb
Vanadium	51-2	51.34	51.16	51.11	51.20	0.24	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%

LB Number :	LB106474	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :		Dilution Factor :	
Date & Time Acquired ::	2019-11-25 17:45:58	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	99.60	98.21	99.03	98.95	0.70	ppb
Zirconium	90-1	49.52	49.33	49.06	49.31	0.47	ppb
Zirconium	91-1	50.75	50.74	51.20	50.90	0.51	ppb

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 17:49:53 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2775.55	2734.90	2809.41	2773.29	1.35	ppb
Antimony	121-1	128.43	128.96	131.10	129.49	1.09	ppb
Arsenic	75-2	129.00	130.01	133.69	130.90	1.89	ppb
Barium	135-1	631.96	636.17	646.21	638.11	1.15	ppb
Barium	137-1	628.99	631.64	628.69	629.77	0.26	ppb
Beryllium	9-1	129.21	130.25	129.09	129.52	0.49	ppb
Bismuth	209-1				95		%
Bismuth	209-2				94		%
Boron	10-1	126.19	131.11	129.65	128.99	1.96	ppb
Boron	11-1	127.25	130.00	130.90	129.38	1.47	ppb
Cadmium	111-1	134.11	134.64	135.20	134.65	0.40	ppb
Cadmium	106-1	124.47	133.34	131.05	129.62	3.55	ppb
Cadmium	108-1	130.45	129.68	131.46	130.53	0.69	ppb
Calcium	43-1	12627.42	12794.08	12780.86	12734.12	0.73	ppb
Calcium	44-1	12690.16	12639.45	12738.32	12689.31	0.39	ppb
Chromium	52-2	131.64	129.95	133.66	131.75	1.41	ppb
Cobalt	59-2	135.42	132.56	137.41	135.13	1.80	ppb
Copper	63-2	261.44	260.28	270.18	263.97	2.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				95		%
Indium	115-1				94		%
Indium	115-2				91		%
Iron	56-2	6869.72	6745.36	6957.60	6857.56	1.56	ppb
Iron	57-2	6782.27	6644.33	6936.52	6787.71	2.15	ppb
Krypton	83-1						cps
Lead	206-1	126.96	128.11	126.22	127.10	0.75	ppb
Lead	207-1	128.50	127.68	127.78	127.99	0.35	ppb
Lead	208-1	125.85	125.60	124.64	125.36	0.51	ppb
Lithium	6-1				93		%
Magnesium	24-2	13599.50	13434.65	13681.65	13571.93	0.93	ppb

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 17:49:53 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	268.25	260.01	271.31	266.52	2.19	ppb
Molybdenum	94-1	619.35	616.99	623.65	619.99	0.54	ppb
Molybdenum	95-1	614.95	615.48	618.57	616.33	0.32	ppb
Molybdenum	96-1	619.69	619.61	619.96	619.75	0.03	ppb
Molybdenum	97-1	618.19	622.81	616.46	619.16	0.53	ppb
Molybdenum	98-1	612.48	616.21	613.66	614.12	0.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	134.56	132.42	137.42	134.80	1.86	ppb
Phosphorus	31-2	2494.84	2830.86	2679.44	2668.38	6.31	ppb
Potassium	39-2	6487.40	6410.83	6566.66	6488.29	1.20	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				93		%
Scandium	45-2				90		%
Selenium	77-2	136.89	127.40	137.58	133.96	4.24	ppb
Selenium	78-2	132.91	135.58	139.16	135.88	2.31	ppb
Selenium	82-1	134.48	135.91	134.27	134.89	0.66	ppb
Silicon	28-1	130.03	136.51	140.62	135.72	3.93	ppb
Silver	109-1	129.11	132.71	133.46	131.76	1.77	ppb
Silver	107-1	128.28	133.67	132.36	131.44	2.14	ppb
Sodium	23-2	13832.95	13485.89	14014.46	13777.77	1.95	ppb
Strontium	86-1	129.30	128.12	128.64	128.69	0.46	ppb
Strontium	88-1	124.80	124.36	123.98	124.38	0.33	ppb
Sulfur	34-1	3423.79	5147.19	7996.06	5522.35	41.81	ppb
Terbium	159-1				94		%
Terbium	159-2				95		%
Thallium	203-1	121.43	121.13	120.69	121.08	0.31	ppb
Thallium	205-1	118.33	119.41	117.58	118.44	0.78	ppb
Thorium	232-1	226.39	219.55	223.36	223.10	1.54	ppb
Tin	118-1	130.08	133.78	132.24	132.03	1.41	ppb
Titanium	47-1	614.70	625.92	622.58	621.07	0.93	ppb
Uranium	238-1	116.54	115.47	114.01	115.34	1.10	ppb
Vanadium	51-2	129.21	126.61	133.48	129.77	2.67	ppb
Yttrium	89-1				93		%
Yttrium	89-2				92		%

LB Number :	LB106474	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :		Dilution Factor :	
Date & Time Acquired ::	2019-11-25 17:49:53	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	252.66	250.84	261.46	254.99	2.23	ppb
Zirconium	90-1	123.82	123.34	123.11	123.42	0.29	ppb
Zirconium	91-1	128.34	127.05	129.39	128.26	0.91	ppb

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 17:53:43 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7296.28	5291.31	5413.92	6000.50	18.73	ppb
Antimony	121-1	253.53	253.22	255.06	253.94	0.39	ppb
Arsenic	75-2	339.79	245.48	254.88	280.05	18.55	ppb
Barium	135-1	1260.45	1268.27	1253.98	1260.90	0.57	ppb
Barium	137-1	1228.63	1234.94	1229.23	1230.93	0.28	ppb
Beryllium	9-1	254.70	257.24	255.68	255.87	0.50	ppb
Bismuth	209-1				99		%
Bismuth	209-2				88		%
Boron	10-1	247.38	248.93	257.69	251.33	2.21	ppb
Boron	11-1	251.45	257.77	260.19	256.47	1.76	ppb
Cadmium	111-1	260.06	261.02	260.29	260.45	0.19	ppb
Cadmium	106-1	262.71	253.33	244.90	253.65	3.51	ppb
Cadmium	108-1	259.48	258.50	256.11	258.03	0.67	ppb
Calcium	43-1	25642.62	25880.36	25785.79	25769.59	0.46	ppb
Calcium	44-1	25440.99	25531.44	25692.69	25555.04	0.50	ppb
Chromium	52-2	344.23	253.13	259.51	285.63	17.80	ppb
Cobalt	59-2	350.89	256.73	262.54	290.05	18.19	ppb
Copper	63-2	685.19	495.30	513.99	564.82	18.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				90		%
Indium	115-1				97		%
Indium	115-2				84		%
Iron	56-2	18009.11	13046.33	13339.67	14798.37	18.82	ppb
Iron	57-2	17922.21	13095.79	13358.87	14792.29	18.35	ppb
Krypton	83-1						cps
Lead	206-1	259.86	259.59	256.24	258.56	0.78	ppb
Lead	207-1	258.41	257.40	257.27	257.69	0.24	ppb
Lead	208-1	253.20	251.68	250.74	251.87	0.49	ppb
Lithium	6-1				96		%
Magnesium	24-2	35072.08	25566.06	26299.96	28979.37	18.25	ppb

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 17:53:43 DataFile Name : 007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	698.23	511.84	517.79	575.95	18.39	ppb
Molybdenum	94-1	1224.71	1211.83	1227.25	1221.27	0.68	ppb
Molybdenum	95-1	1209.06	1204.13	1203.93	1205.71	0.24	ppb
Molybdenum	96-1	1215.18	1207.75	1202.64	1208.53	0.52	ppb
Molybdenum	97-1	1233.17	1217.56	1231.80	1227.51	0.70	ppb
Molybdenum	98-1	1258.49	1254.76	1257.14	1256.80	0.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	351.14	257.26	263.58	290.66	18.05	ppb
Phosphorus	31-2	8505.63	5719.80	5402.82	6542.75	26.09	ppb
Potassium	39-2	16873.71	12335.12	12673.84	13960.89	18.11	ppb
Rhodium	103-1				96		%
Rhodium	103-2				84		%
Scandium	45-1				95		%
Scandium	45-2				81		%
Selenium	77-2	354.40	234.84	258.51	282.59	22.40	ppb
Selenium	78-2	341.93	247.23	258.13	282.43	18.35	ppb
Selenium	82-1	262.80	263.06	259.50	261.79	0.76	ppb
Silicon	28-1	261.97	262.74	267.92	264.21	1.23	ppb
Silver	109-1	253.49	250.18	252.00	251.89	0.66	ppb
Silver	107-1	254.92	256.24	251.51	254.22	0.96	ppb
Sodium	23-2	36790.82	26748.66	27395.03	30311.50	18.54	ppb
Strontium	86-1	260.44	257.89	256.18	258.17	0.83	ppb
Strontium	88-1	243.96	242.14	241.84	242.65	0.47	ppb
Sulfur	34-1	3153.80	1985.85	2606.12	2581.93	22.63	ppb
Terbium	159-1				100		%
Terbium	159-2				89		%
Thallium	203-1	243.73	244.68	246.78	245.06	0.64	ppb
Thallium	205-1	237.67	239.18	239.69	238.85	0.44	ppb
Thorium	232-1	852.10	871.99	854.18	859.43	1.27	ppb
Tin	118-1	256.73	257.61	260.29	258.21	0.72	ppb
Titanium	47-1	1241.74	1259.22	1233.55	1244.84	1.05	ppb
Uranium	238-1	230.79	234.22	234.41	233.14	0.87	ppb
Vanadium	51-2	338.19	247.65	256.35	280.73	17.79	ppb
Yttrium	89-1				96		%
Yttrium	89-2				84		%

LB Number :	LB106474	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :		Dilution Factor :	
Date & Time Acquired ::	2019-11-25 17:53:43	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	660.24	483.09	494.02	545.78	18.19	ppb
Zirconium	90-1	244.41	244.08	245.06	244.51	0.20	ppb
Zirconium	91-1	256.01	254.13	255.48	255.21	0.38	ppb

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 17:57:32 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10715.35	10661.81	10458.88	10612.01	1.27	ppb
Antimony	121-1	495.16	499.28	494.80	496.41	0.50	ppb
Arsenic	75-2	509.93	501.63	498.07	503.21	1.21	ppb
Barium	135-1	2454.71	2492.11	2452.41	2466.41	0.90	ppb
Barium	137-1	2512.29	2483.61	2516.89	2504.26	0.72	ppb
Beryllium	9-1	508.62	510.13	509.67	509.48	0.15	ppb
Bismuth	209-1				95		%
Bismuth	209-2				93		%
Boron	10-1	497.34	502.02	516.69	505.35	2.00	ppb
Boron	11-1	498.88	507.51	517.07	507.82	1.79	ppb
Cadmium	111-1	506.16	503.75	509.24	506.38	0.54	ppb
Cadmium	106-1	504.35	496.73	499.15	500.08	0.78	ppb
Cadmium	108-1	511.84	511.34	505.47	509.55	0.69	ppb
Calcium	43-1	51286.57	51613.70	51155.00	51351.75	0.46	ppb
Calcium	44-1	50726.44	50915.29	50924.68	50855.47	0.22	ppb
Chromium	52-2	506.68	505.17	507.09	506.31	0.20	ppb
Cobalt	59-2	510.75	512.33	516.66	513.25	0.60	ppb
Copper	63-2	979.62	979.40	984.07	981.03	0.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				97		%
Indium	115-1				94		%
Indium	115-2				90		%
Iron	56-2	26634.23	26499.75	26297.09	26477.03	0.64	ppb
Iron	57-2	26128.53	26100.25	26229.76	26152.85	0.26	ppb
Krypton	83-1						cps
Lead	206-1	501.35	503.87	513.58	506.27	1.28	ppb
Lead	207-1	505.31	507.03	508.59	506.98	0.32	ppb
Lead	208-1	493.95	491.26	494.28	493.16	0.34	ppb
Lithium	6-1				92		%
Magnesium	24-2	53221.12	53152.68	52534.13	52969.31	0.71	ppb

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 17:57:32 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1020.15	1021.85	1015.35	1019.12	0.33	ppb
Molybdenum	94-1	2530.16	2518.90	2517.78	2522.28	0.27	ppb
Molybdenum	95-1	2539.65	2544.39	2510.06	2531.37	0.73	ppb
Molybdenum	96-1	2514.39	2530.80	2507.07	2517.42	0.48	ppb
Molybdenum	97-1	2511.58	2558.59	2521.44	2530.54	0.98	ppb
Molybdenum	98-1	2505.07	2522.12	2500.58	2509.26	0.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	513.33	512.31	511.52	512.38	0.18	ppb
Phosphorus	31-2	10644.94	10995.24	10953.38	10864.52	1.76	ppb
Potassium	39-2	24624.47	24713.49	24438.24	24592.07	0.57	ppb
Rhodium	103-1				91		%
Rhodium	103-2				90		%
Scandium	45-1				92		%
Scandium	45-2				89		%
Selenium	77-2	509.71	505.76	501.63	505.70	0.80	ppb
Selenium	78-2	504.00	500.98	494.80	499.93	0.94	ppb
Selenium	82-1	511.50	520.23	512.75	514.83	0.92	ppb
Silicon	28-1	519.68	521.16	526.40	522.41	0.68	ppb
Silver	109-1	481.65	482.26	477.40	480.44	0.55	ppb
Silver	107-1	483.68	481.14	482.72	482.51	0.27	ppb
Sodium	23-2	54356.76	54607.64	53783.45	54249.28	0.78	ppb
Strontium	86-1	509.81	516.08	513.35	513.08	0.61	ppb
Strontium	88-1	506.80	511.75	509.89	509.48	0.49	ppb
Sulfur	34-1	10751.49	8726.67	9224.40	9567.52	11.03	ppb
Terbium	159-1				98		%
Terbium	159-2				96		%
Thallium	203-1	482.12	479.02	484.14	481.76	0.54	ppb
Thallium	205-1	490.19	492.22	500.68	494.36	1.13	ppb
Thorium	232-1	1078.01	1069.61	1080.39	1076.01	0.53	ppb
Tin	118-1	504.29	510.04	502.36	505.57	0.79	ppb
Titanium	47-1	2458.84	2467.19	2453.30	2459.78	0.28	ppb
Uranium	238-1	496.15	485.06	488.71	489.97	1.15	ppb
Vanadium	51-2	505.97	505.34	501.56	504.29	0.47	ppb
Yttrium	89-1				94		%
Yttrium	89-2				91		%

LB Number :	LB106474	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :		Dilution Factor :	
Date & Time Acquired ::	2019-11-25 17:57:32	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	961.94	951.40	947.60	953.65	0.78	ppb
Zirconium	90-1	505.45	506.53	502.37	504.78	0.43	ppb
Zirconium	91-1	512.13	517.83	505.42	511.80	1.21	ppb

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 18:01:18 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21091.55	20731.13	20880.90	20901.19	0.87	ppb
Antimony	121-1	1001.43	995.95	1003.07	1000.15	0.37	ppb
Arsenic	75-2	990.23	989.06	990.87	990.05	0.09	ppb
Barium	135-1	4995.90	5006.04	5033.84	5011.92	0.39	ppb
Barium	137-1	5017.54	5007.05	4980.81	5001.80	0.38	ppb
Beryllium	9-1	988.32	997.06	993.96	993.11	0.45	ppb
Bismuth	209-1				92		%
Bismuth	209-2				88		%
Boron	10-1	980.03	999.59	1009.82	996.48	1.52	ppb
Boron	11-1	983.73	993.64	1004.17	993.85	1.03	ppb
Cadmium	111-1	1002.53	986.86	989.00	992.80	0.86	ppb
Cadmium	106-1	984.54	1014.42	995.73	998.23	1.51	ppb
Cadmium	108-1	993.73	990.87	992.26	992.29	0.14	ppb
Calcium	43-1	100079.62	99362.98	98675.07	99372.56	0.71	ppb
Calcium	44-1	100992.99	101316.08	100466.52	100925.20	0.42	ppb
Chromium	52-2	994.98	980.70	985.29	986.99	0.74	ppb
Cobalt	59-2	987.38	976.74	981.65	981.92	0.54	ppb
Copper	63-2	1989.87	1980.25	2003.88	1991.34	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				95		%
Indium	115-1				92		%
Indium	115-2				85		%
Iron	56-2	52484.66	51645.77	52216.92	52115.78	0.82	ppb
Iron	57-2	51044.30	50684.06	50979.64	50902.66	0.38	ppb
Krypton	83-1						cps
Lead	206-1	987.96	1004.95	990.22	994.38	0.93	ppb
Lead	207-1	980.85	1008.24	993.38	994.16	1.38	ppb
Lead	208-1	992.24	1016.32	1000.05	1002.87	1.23	ppb
Lithium	6-1				91		%
Magnesium	24-2	105956.09	102403.95	103940.08	104100.04	1.71	ppb

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 18:01:18 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1973.47	1962.81	1971.13	1969.14	0.28	ppb
Molybdenum	94-1	4975.60	4980.67	5034.01	4996.76	0.65	ppb
Molybdenum	95-1	4977.11	5008.79	5003.80	4996.57	0.34	ppb
Molybdenum	96-1	4984.77	4985.90	5036.59	5002.42	0.59	ppb
Molybdenum	97-1	5019.19	4958.61	4995.44	4991.08	0.61	ppb
Molybdenum	98-1	4990.24	4992.33	5002.74	4995.10	0.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	989.95	969.83	986.95	982.24	1.11	ppb
Phosphorus	31-2	20018.38	18963.62	18492.83	19158.28	4.08	ppb
Potassium	39-2	50375.95	49644.04	49602.28	49874.09	0.87	ppb
Rhodium	103-1				89		%
Rhodium	103-2				85		%
Scandium	45-1				92		%
Scandium	45-2				87		%
Selenium	77-2	979.57	984.11	999.43	987.70	1.05	ppb
Selenium	78-2	994.39	990.16	987.01	990.52	0.37	ppb
Selenium	82-1	990.54	979.00	995.17	988.24	0.84	ppb
Silicon	28-1	984.05	981.46	985.92	983.81	0.23	ppb
Silver	109-1	1008.90	1000.29	1015.68	1008.29	0.76	ppb
Silver	107-1	1010.96	992.81	1016.24	1006.67	1.22	ppb
Sodium	23-2	108871.34	106196.14	106559.48	107208.99	1.35	ppb
Strontium	86-1	992.40	986.85	993.36	990.87	0.35	ppb
Strontium	88-1	993.62	997.32	1000.53	997.16	0.35	ppb
Sulfur	34-1	20401.43	21371.70	19650.57	20474.57	4.21	ppb
Terbium	159-1				98		%
Terbium	159-2				94		%
Thallium	203-1	1000.73	1015.60	1016.30	1010.88	0.87	ppb
Thallium	205-1	1000.82	1015.91	1002.72	1006.48	0.82	ppb
Thorium	232-1	554.14	537.96	532.73	541.61	2.06	ppb
Tin	118-1	1011.85	951.71	1018.89	994.15	3.71	ppb
Titanium	47-1	4984.60	5051.48	5029.34	5021.81	0.68	ppb
Uranium	238-1	1000.29	1024.07	1007.44	1010.60	1.21	ppb
Vanadium	51-2	996.89	981.31	990.34	989.51	0.79	ppb
Yttrium	89-1				94		%
Yttrium	89-2				88		%

LB Number :	LB106474	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :		Dilution Factor :	
Date & Time Acquired ::	2019-11-25 18:01:18	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2020.26	1995.26	2017.95	2011.16	0.69	ppb
Zirconium	90-1	991.30	998.37	1007.96	999.21	0.84	ppb
Zirconium	91-1	985.31	995.63	996.10	992.35	0.61	ppb

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 18:05:03 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99698.90	99750.13	99653.55	99700.86	0.05	ppb
Antimony	121-1	0.93	1.10	1.08	1.04	8.87	ppb
Arsenic	75-2	0.28	0.29	0.42	0.33	22.54	ppb
Barium	135-1	0.81	0.81	0.74	0.78	5.22	ppb
Barium	137-1	0.82	0.88	0.90	0.86	5.11	ppb
Beryllium	9-1	0.08	0.08	0.07	0.08	9.35	ppb
Bismuth	209-1				76		%
Bismuth	209-2				74		%
Boron	10-1	19.27	17.14	16.85	17.75	7.43	ppb
Boron	11-1	17.90	16.65	15.80	16.78	6.29	ppb
Cadmium	111-1	0.28	0.28	0.23	0.26	10.50	ppb
Cadmium	106-1	0.80	1.21	0.42	0.81	48.80	ppb
Cadmium	108-1	0.15	0.03	0.28	0.15	83.33	ppb
Calcium	43-1	499966.12	501594.79	498272.12	499944.34	0.33	ppb
Calcium	44-1	499974.10	496679.39	502433.40	499695.63	0.58	ppb
Chromium	52-2	26.26	25.76	25.51	25.84	1.46	ppb
Cobalt	59-2	1.86	2.03	1.85	1.91	5.10	ppb
Copper	63-2	2.81	2.71	2.69	2.74	2.39	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				86		%
Indium	115-1				82		%
Indium	115-2				78		%
Iron	56-2	250691.56	249320.99	247878.42	249296.99	0.56	ppb
Iron	57-2	250289.53	250786.95	247646.18	249574.22	0.68	ppb
Krypton	83-1						cps
Lead	206-1	3.73	3.65	3.76	3.71	1.55	ppb
Lead	207-1	3.81	3.91	3.77	3.83	1.93	ppb
Lead	208-1	3.63	3.59	3.67	3.63	1.04	ppb
Lithium	6-1				82		%
Magnesium	24-2	497112.41	499064.78	499783.44	498653.54	0.28	ppb

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 18:05:03 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6.69	6.79	6.70	6.73	0.84	ppb
Molybdenum	94-1	3.95	4.03	3.67	3.88	4.84	ppb
Molybdenum	95-1	5.06	4.90	4.78	4.91	2.84	ppb
Molybdenum	96-1	6.81	6.54	6.58	6.64	2.19	ppb
Molybdenum	97-1	5.17	5.04	4.71	4.97	4.68	ppb
Molybdenum	98-1	5.03	4.83	4.88	4.91	2.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.96	18.94	18.69	18.86	0.78	ppb
Phosphorus	31-2	-96.43	-155.09	-176.37	-142.63		ppb
Potassium	39-2	250153.38	252438.77	247365.71	249985.95	1.02	ppb
Rhodium	103-1				76		%
Rhodium	103-2				73		%
Scandium	45-1				84		%
Scandium	45-2				82		%
Selenium	77-2	0.43	1.03	1.04	0.83	41.58	ppb
Selenium	78-2	0.84	0.53	0.45	0.61	34.12	ppb
Selenium	82-1	0.84	1.13	0.77	0.91	20.86	ppb
Silicon	28-1	99.08	100.47	100.72	100.09	0.88	ppb
Silver	109-1	0.09	0.14	0.13	0.12	23.45	ppb
Silver	107-1	0.13	0.13	0.10	0.12	13.95	ppb
Sodium	23-2	499250.45	501169.17	493074.83	497831.48	0.85	ppb
Strontium	86-1	4.45	4.30	3.93	4.23	6.36	ppb
Strontium	88-1	4.12	4.13	4.14	4.13	0.24	ppb
Sulfur	34-1	-282.67	1424.95	2752.77	1298.35	117.20	ppb
Terbium	159-1				88		%
Terbium	159-2				85		%
Thallium	203-1	0.18	0.18	0.23	0.20	12.24	ppb
Thallium	205-1	0.20	0.18	0.18	0.19	6.34	ppb
Thorium	232-1	4.32	4.28	5.59	4.73	15.79	ppb
Tin	118-1	0.81	0.84	0.85	0.83	2.53	ppb
Titanium	47-1	1.42	1.40	1.66	1.49	9.76	ppb
Uranium	238-1	0.09	0.11	0.11	0.10	9.28	ppb
Vanadium	51-2	0.27	0.27	0.27	0.27	0.26	ppb
Yttrium	89-1				87		%
Yttrium	89-2				84		%

LB Number :	LB106474	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :		Dilution Factor :	
Date & Time Acquired ::	2019-11-25 18:05:03	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	20.83	19.81	19.78	20.14	2.96	ppb
Zirconium	90-1	0.20	0.23	0.20	0.21	7.96	ppb
Zirconium	91-1	0.17	0.26	0.21	0.22	22.12	ppb

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 18:13:54 DataFile Name : 011ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	508.82	491.24	498.64	499.56	1.77	ppb
Antimony	121-1	203.50	200.98	200.50	201.66	0.80	ppb
Arsenic	75-2	208.45	206.01	207.01	207.15	0.59	ppb
Barium	135-1	103.68	103.18	102.20	103.02	0.74	ppb
Barium	137-1	101.31	101.02	101.00	101.11	0.17	ppb
Beryllium	9-1	99.73	100.60	100.93	100.42	0.62	ppb
Bismuth	209-1				95		%
Bismuth	209-2				94		%
Boron	10-1	4.76	4.46	4.07	4.43	7.82	ppb
Boron	11-1	4.69	4.55	4.47	4.57	2.42	ppb
Cadmium	111-1	103.33	102.98	102.45	102.92	0.43	ppb
Cadmium	106-1	78.36	79.24	75.53	77.71	2.50	ppb
Cadmium	108-1	88.80	84.90	85.63	86.45	2.40	ppb
Calcium	43-1	2099.00	2049.96	2090.31	2079.75	1.26	ppb
Calcium	44-1	2104.11	2126.55	2105.76	2112.14	0.59	ppb
Chromium	52-2	101.68	100.93	100.08	100.90	0.79	ppb
Cobalt	59-2	107.11	106.81	105.68	106.53	0.71	ppb
Copper	63-2	106.24	106.33	104.85	105.81	0.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				95		%
Indium	115-1				97		%
Indium	115-2				93		%
Iron	56-2	2413.11	2410.34	2415.65	2413.03	0.11	ppb
Iron	57-2	2401.58	2402.79	2350.26	2384.88	1.26	ppb
Krypton	83-1						cps
Lead	206-1	217.56	220.69	218.82	219.02	0.72	ppb
Lead	207-1	217.30	216.41	214.90	216.20	0.56	ppb
Lead	208-1	213.32	212.34	212.48	212.71	0.25	ppb
Lithium	6-1				94		%
Magnesium	24-2	1310.27	1303.69	1303.78	1305.91	0.29	ppb

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 18:13:54 DataFile Name : 011ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	101.14	103.11	100.07	101.44	1.52	ppb
Molybdenum	94-1	0.89	0.90	0.93	0.91	2.28	ppb
Molybdenum	95-1	1.18	1.16	1.27	1.20	5.05	ppb
Molybdenum	96-1	1.05	1.19	1.04	1.10	7.74	ppb
Molybdenum	97-1	1.21	1.21	1.27	1.23	2.80	ppb
Molybdenum	98-1	1.21	1.25	1.13	1.20	5.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	106.18	107.38	106.23	106.60	0.64	ppb
Phosphorus	31-2	-126.28	-182.00	-147.68	-151.99		ppb
Potassium	39-2	2073.44	2107.15	2073.70	2084.76	0.93	ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				95		%
Scandium	45-2				93		%
Selenium	77-2	188.22	205.63	199.80	197.88	4.48	ppb
Selenium	78-2	207.63	205.31	204.87	205.93	0.72	ppb
Selenium	82-1	210.55	208.18	203.44	207.39	1.75	ppb
Silicon	28-1	2.45	3.48	2.44	2.79	21.51	ppb
Silver	109-1	108.60	107.36	106.97	107.64	0.79	ppb
Silver	107-1	107.86	109.43	107.28	108.19	1.03	ppb
Sodium	23-2	2191.02	2185.40	2173.38	2183.27	0.41	ppb
Strontium	86-1	2.76	2.82	2.64	2.74	3.22	ppb
Strontium	88-1	2.71	2.71	2.65	2.69	1.34	ppb
Sulfur	34-1	988.27	184.83	-723.93	149.72	572.15	ppb
Terbium	159-1				98		%
Terbium	159-2				96		%
Thallium	203-1	215.13	218.74	219.53	217.80	1.08	ppb
Thallium	205-1	212.54	212.39	212.67	212.53	0.07	ppb
Thorium	232-1	-0.84	1.15	-1.20	-0.29		ppb
Tin	118-1	0.97	1.05	0.94	0.99	5.78	ppb
Titanium	47-1	1.01	1.01	1.04	1.02	2.02	ppb
Uranium	238-1	0.03	0.04	0.02	0.03	37.78	ppb
Vanadium	51-2	100.60	100.73	100.63	100.65	0.07	ppb
Yttrium	89-1				96		%
Yttrium	89-2				94		%

LB Number :	LB106474	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :		Dilution Factor :	
Date & Time Acquired ::	2019-11-25 18:13:54	DataFile Name :	011ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	204.27	202.31	202.10	202.89	0.59	ppb
Zirconium	90-1	0.04	0.05	0.05	0.05	12.13	ppb
Zirconium	91-1	0.14	0.14	0.12	0.13	6.35	ppb

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 18:18:11 DataFile Name : 012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.35	-0.56	-0.45	-0.45		ppb
Antimony	121-1	0.12	0.13	0.16	0.14	15.29	ppb
Arsenic	75-2	-0.03	-0.01	0.02	-0.01		ppb
Barium	135-1	0.02	0.01	0.01	0.01	21.24	ppb
Barium	137-1	-0.01	0.02	0.02	0.01	154.41	ppb
Beryllium	9-1	0.00	0.01	0.03	0.01	128.13	ppb
Bismuth	209-1				92		%
Bismuth	209-2				93		%
Boron	10-1	3.82	3.45	3.80	3.69	5.62	ppb
Boron	11-1	3.32	3.33	3.22	3.29	1.77	ppb
Cadmium	111-1	0.00	-0.07	-0.07	-0.04		ppb
Cadmium	106-1	-0.05	-0.83	-0.94	-0.61		ppb
Cadmium	108-1	-0.02	0.06	-0.02	0.01	741.49	ppb
Calcium	43-1	-2.92	-0.70	-2.42	-2.01		ppb
Calcium	44-1	-2.29	-2.38	-1.23	-1.97		ppb
Chromium	52-2	-0.03	-0.04	-0.01	-0.02		ppb
Cobalt	59-2	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.04	0.00	0.03	0.02	85.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				94		%
Indium	115-1				95		%
Indium	115-2				93		%
Iron	56-2	-2.80	-3.02	-2.70	-2.84		ppb
Iron	57-2	-2.00	-2.46	-2.54	-2.33		ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.02	0.05	0.03	35.04	ppb
Lead	207-1	0.01	0.04	0.05	0.03	65.84	ppb
Lead	208-1	0.03	0.04	0.04	0.04	12.09	ppb
Lithium	6-1				92		%
Magnesium	24-2	-0.95	-0.19	-1.89	-1.01		ppb

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 18:18:11 DataFile Name : 012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.20	-0.18	-0.17	-0.18		ppb
Molybdenum	94-1	0.04	0.03	0.06	0.04	31.38	ppb
Molybdenum	95-1	0.05	0.11	0.08	0.08	32.41	ppb
Molybdenum	96-1	0.00	0.01	0.04	0.02	138.50	ppb
Molybdenum	97-1	0.08	0.05	0.10	0.08	34.99	ppb
Molybdenum	98-1	0.04	0.06	0.06	0.05	24.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	-0.02	-0.01		ppb
Phosphorus	31-2	-166.39	-109.81	-147.99	-141.40		ppb
Potassium	39-2	17.47	13.85	14.02	15.11	13.50	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	77-2	0.37	-0.17	0.37	0.19	161.53	ppb
Selenium	78-2	0.13	0.84	0.38	0.45	80.27	ppb
Selenium	82-1	0.20	0.20	-0.22	0.06	411.56	ppb
Silicon	28-1	1.42	1.17	1.24	1.28	10.49	ppb
Silver	109-1	0.01	0.01	0.01	0.01	10.62	ppb
Silver	107-1	0.01	0.01	0.00	0.01	43.47	ppb
Sodium	23-2	14.61	17.18	16.71	16.17	8.45	ppb
Strontium	86-1	0.02	0.07	0.11	0.07	64.54	ppb
Strontium	88-1	0.00	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-235.57	1201.40	3326.47	1430.77	125.25	ppb
Terbium	159-1				94		%
Terbium	159-2				95		%
Thallium	203-1	0.02	0.03	0.02	0.02	23.03	ppb
Thallium	205-1	0.03	0.02	0.02	0.03	8.67	ppb
Thorium	232-1	2.41	1.51	-0.69	1.08	148.07	ppb
Tin	118-1	0.02	0.03	0.05	0.04	43.07	ppb
Titanium	47-1	0.01	-0.01	-0.03	-0.01		ppb
Uranium	238-1	0.00	-0.01	0.01	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				93		%
Yttrium	89-2				93		%

LB Number :	LB106474	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :		Dilution Factor :	
Date & Time Acquired ::	2019-11-25 18:18:11	DataFile Name :	012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.04	0.23	0.25	0.15	110.18	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	80.52	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	373.09	ppb

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 18:21:46 DataFile Name : 013ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91218.89	92725.88	91464.68	91803.15	0.88	ppb
Antimony	121-1	1.21	1.20	1.23	1.21	1.59	ppb
Arsenic	75-2	0.32	0.24	0.33	0.30	16.79	ppb
Barium	135-1	1.35	1.52	1.40	1.42	6.20	ppb
Barium	137-1	1.23	1.52	1.49	1.41	11.25	ppb
Beryllium	9-1	0.27	0.29	0.22	0.26	12.85	ppb
Bismuth	209-1				87		%
Bismuth	209-2				88		%
Boron	10-1	3.91	3.71	3.13	3.58	11.18	ppb
Boron	11-1	3.55	3.78	3.67	3.66	3.14	ppb
Cadmium	111-1	0.49	0.36	0.38	0.41	17.25	ppb
Cadmium	106-1	0.05	-1.52	-1.81	-1.09		ppb
Cadmium	108-1	15.58	13.88	13.99	14.48	6.56	ppb
Calcium	43-1	97412.60	96021.52	97168.44	96867.52	0.77	ppb
Calcium	44-1	99092.59	99334.18	100044.83	99490.53	0.50	ppb
Chromium	52-2	19.75	20.14	19.67	19.86	1.28	ppb
Cobalt	59-2	1.26	1.25	1.19	1.23	3.17	ppb
Copper	63-2	8.06	7.95	7.84	7.95	1.39	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				93		%
Indium	115-1				91		%
Indium	115-2				87		%
Iron	56-2	103029.59	103714.67	101248.38	102664.21	1.24	ppb
Iron	57-2	96758.39	98999.89	97923.53	97893.94	1.15	ppb
Krypton	83-1						cps
Lead	206-1	5.20	5.04	5.07	5.10	1.61	ppb
Lead	207-1	4.22	4.50	4.49	4.40	3.60	ppb
Lead	208-1	4.61	4.61	4.61	4.61	0.03	ppb
Lithium	6-1				89		%
Magnesium	24-2	102439.01	103481.62	102509.69	102810.11	0.57	ppb

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 18:21:46 DataFile Name : 013ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.52	8.04	7.60	7.72	3.64	ppb
Molybdenum	94-1	1247.74	1282.41	1261.16	1263.77	1.38	ppb
Molybdenum	95-1	1866.43	1920.64	1895.99	1894.35	1.43	ppb
Molybdenum	96-1	1803.87	1851.73	1821.79	1825.79	1.32	ppb
Molybdenum	97-1	1780.64	1797.35	1774.60	1784.20	0.66	ppb
Molybdenum	98-1	1859.08	1881.11	1875.08	1871.76	0.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.37	5.62	5.50	5.49	2.26	ppb
Phosphorus	31-2	926894.90	939377.02	918174.21	928148.71	1.15	ppb
Potassium	39-2	100192.05	100789.64	98972.52	99984.74	0.93	ppb
Rhodium	103-1				86		%
Rhodium	103-2				86		%
Scandium	45-1				92		%
Scandium	45-2				91		%
Selenium	77-2	-0.17	0.39	-0.17	0.02	1736.71	ppb
Selenium	78-2	0.87	0.00	0.63	0.50	89.79	ppb
Selenium	82-1	0.33	0.64	0.69	0.55	35.70	ppb
Silicon	28-1	18.24	17.53	18.00	17.92	2.02	ppb
Silver	109-1	0.10	0.10	0.10	0.10	1.95	ppb
Silver	107-1	0.09	0.12	0.10	0.10	14.88	ppb
Sodium	23-2	102911.14	105028.25	102232.77	103390.72	1.41	ppb
Strontium	86-1	36.12	35.77	35.33	35.74	1.11	ppb
Strontium	88-1	34.81	34.94	35.02	34.92	0.30	ppb
Sulfur	34-1	1389371.02	1416165.46	1425828.57	1410455.02	1.34	ppb
Terbium	159-1				96		%
Terbium	159-2				93		%
Thallium	203-1	0.64	0.68	0.62	0.65	4.92	ppb
Thallium	205-1	0.68	0.73	0.60	0.67	10.04	ppb
Thorium	232-1	2.21	1.46	0.19	1.29	79.11	ppb
Tin	118-1	0.30	0.26	0.22	0.26	14.13	ppb
Titanium	47-1	1971.22	1955.44	1954.32	1960.33	0.48	ppb
Uranium	238-1	0.04	0.03	0.02	0.03	27.45	ppb
Vanadium	51-2	0.16	0.17	0.16	0.16	4.86	ppb
Yttrium	89-1				92		%
Yttrium	89-2				90		%

LB Number :	LB106474	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :		Dilution Factor :	
Date & Time Acquired ::	2019-11-25 18:21:46	DataFile Name :	013ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	10.66	10.58	10.01	10.42	3.43	ppb
Zirconium	90-1	0.04	0.02	0.04	0.04	30.67	ppb
Zirconium	91-1	0.03	0.04	0.08	0.05	52.23	ppb

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 18:25:22 DataFile Name : 014ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91840.12	91708.17	92400.91	91983.07	0.40	ppb
Antimony	121-1	21.54	21.59	21.56	21.57	0.12	ppb
Arsenic	75-2	20.06	20.56	20.69	20.44	1.62	ppb
Barium	135-1	22.06	22.24	22.26	22.19	0.50	ppb
Barium	137-1	21.89	21.89	21.51	21.76	1.03	ppb
Beryllium	9-1	20.15	19.78	20.10	20.01	1.00	ppb
Bismuth	209-1				92		%
Bismuth	209-2				90		%
Boron	10-1	56.69	58.88	59.44	58.34	2.49	ppb
Boron	11-1	58.50	59.45	59.10	59.02	0.82	ppb
Cadmium	111-1	20.36	20.78	20.49	20.54	1.05	ppb
Cadmium	106-1	26.80	26.57	26.45	26.61	0.66	ppb
Cadmium	108-1	37.80	36.77	35.66	36.74	2.92	ppb
Calcium	43-1	97068.95	96313.59	96933.90	96772.15	0.42	ppb
Calcium	44-1	99114.67	98586.86	99148.73	98950.09	0.32	ppb
Chromium	52-2	40.64	40.41	40.24	40.43	0.50	ppb
Cobalt	59-2	21.60	21.64	21.60	21.61	0.10	ppb
Copper	63-2	27.08	27.30	27.94	27.44	1.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				94		%
Indium	115-1				95		%
Indium	115-2				89		%
Iron	56-2	104122.92	102289.30	104327.03	103579.75	1.08	ppb
Iron	57-2	97219.18	97016.04	98774.19	97669.80	0.98	ppb
Krypton	83-1						cps
Lead	206-1	25.68	26.19	26.14	26.00	1.08	ppb
Lead	207-1	24.99	25.31	25.40	25.23	0.85	ppb
Lead	208-1	24.86	25.42	24.87	25.05	1.27	ppb
Lithium	6-1				94		%
Magnesium	24-2	103318.77	102514.66	103933.67	103255.70	0.69	ppb

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 18:25:22 DataFile Name : 014ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	27.56	27.63	27.63	27.61	0.16	ppb
Molybdenum	94-1	1365.22	1331.56	1351.49	1349.42	1.25	ppb
Molybdenum	95-1	1908.41	1873.75	1895.27	1892.47	0.92	ppb
Molybdenum	96-1	1843.36	1834.89	1842.02	1840.09	0.25	ppb
Molybdenum	97-1	1798.15	1774.07	1793.33	1788.52	0.71	ppb
Molybdenum	98-1	1885.12	1877.46	1919.35	1893.98	1.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.78	25.46	25.65	25.30	1.82	ppb
Phosphorus	31-2	941552.75	934999.65	935136.27	937229.55	0.40	ppb
Potassium	39-2	101443.49	101612.88	101611.33	101555.90	0.10	ppb
Rhodium	103-1				89		%
Rhodium	103-2				88		%
Scandium	45-1				97		%
Scandium	45-2				93		%
Selenium	77-2	22.12	17.37	20.45	19.98	12.05	ppb
Selenium	78-2	19.64	20.73	18.52	19.63	5.61	ppb
Selenium	82-1	18.92	18.99	18.51	18.81	1.37	ppb
Silicon	28-1	54.32	55.40	55.07	54.93	1.01	ppb
Silver	109-1	19.01	18.96	19.24	19.07	0.79	ppb
Silver	107-1	19.74	18.98	18.76	19.16	2.68	ppb
Sodium	23-2	105302.04	103818.87	105179.91	104766.94	0.79	ppb
Strontium	86-1	91.48	91.87	92.64	92.00	0.64	ppb
Strontium	88-1	88.87	89.39	90.19	89.49	0.75	ppb
Sulfur	34-1	1405672.54	1406744.79	1429856.52	1414091.28	0.97	ppb
Terbium	159-1				97		%
Terbium	159-2				93		%
Thallium	203-1	20.44	20.99	20.68	20.70	1.34	ppb
Thallium	205-1	20.35	20.47	20.59	20.47	0.57	ppb
Thorium	232-1	38.17	41.18	39.94	39.76	3.80	ppb
Tin	118-1	57.50	56.23	56.74	56.82	1.12	ppb
Titanium	47-1	2012.54	2008.29	1996.82	2005.88	0.41	ppb
Uranium	238-1	57.06	57.92	58.14	57.71	0.99	ppb
Vanadium	51-2	20.47	20.09	20.44	20.33	1.05	ppb
Yttrium	89-1				98		%
Yttrium	89-2				92		%

LB Number :	LB106474	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :		Dilution Factor :	
Date & Time Acquired ::	2019-11-25 18:25:22	DataFile Name :	014ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	28.06	28.46	28.34	28.29	0.73	ppb
Zirconium	90-1	54.99	55.20	54.51	54.90	0.64	ppb
Zirconium	91-1	57.64	56.22	56.65	56.84	1.29	ppb

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : CCV44 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 18:36:18 DataFile Name : 017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52629.59	51753.42	51837.39	52073.46	0.93	ppb
Antimony	121-1	538.36	526.02	527.91	530.76	1.25	ppb
Arsenic	75-2	478.91	473.32	483.04	478.42	1.02	ppb
Barium	135-1	2460.88	2427.18	2429.81	2439.29	0.77	ppb
Barium	137-1	2584.99	2527.08	2551.86	2554.65	1.14	ppb
Beryllium	9-1	494.90	497.32	496.59	496.27	0.25	ppb
Bismuth	209-1				83		%
Bismuth	209-2				82		%
Boron	10-1	495.59	494.76	503.09	497.81	0.92	ppb
Boron	11-1	499.59	500.07	507.97	502.54	0.94	ppb
Cadmium	111-1	515.26	512.82	509.30	512.46	0.59	ppb
Cadmium	106-1	517.08	501.99	499.90	506.32	1.85	ppb
Cadmium	108-1	526.47	514.10	512.19	517.59	1.50	ppb
Calcium	43-1	250064.75	253343.15	251578.93	251662.28	0.65	ppb
Calcium	44-1	249778.70	254516.67	250722.51	251672.63	1.00	ppb
Chromium	52-2	510.21	513.82	504.85	509.63	0.89	ppb
Cobalt	59-2	493.30	494.16	483.92	490.46	1.16	ppb
Copper	63-2	1021.86	1023.46	1012.98	1019.43	0.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				88		%
Indium	115-1				85		%
Indium	115-2				82		%
Iron	56-2	129987.54	129554.63	126940.97	128827.71	1.28	ppb
Iron	57-2	121445.30	121527.60	119986.26	120986.39	0.72	ppb
Krypton	83-1						cps
Lead	206-1	517.61	514.21	515.55	515.79	0.33	ppb
Lead	207-1	524.68	530.41	523.93	526.34	0.67	ppb
Lead	208-1	508.36	506.64	506.22	507.07	0.22	ppb
Lithium	6-1				88		%
Magnesium	24-2	256441.28	253467.60	253109.37	254339.42	0.72	ppb

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : CCV44 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 18:36:18 DataFile Name : 017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	993.17	991.27	982.90	989.11	0.55	ppb
Molybdenum	94-1	2512.12	2487.88	2512.73	2504.24	0.57	ppb
Molybdenum	95-1	2508.11	2464.47	2483.03	2485.20	0.88	ppb
Molybdenum	96-1	2492.03	2479.76	2519.57	2497.12	0.82	ppb
Molybdenum	97-1	2520.69	2302.72	2530.66	2451.36	5.26	ppb
Molybdenum	98-1	2496.09	2480.00	2489.16	2488.42	0.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	492.47	492.20	485.73	490.13	0.78	ppb
Phosphorus	31-2	9840.11	9860.44	9907.29	9869.28	0.35	ppb
Potassium	39-2	130519.58	126570.59	127425.35	128171.84	1.62	ppb
Rhodium	103-1				82		%
Rhodium	103-2				79		%
Scandium	45-1				90		%
Scandium	45-2				87		%
Selenium	77-2	485.04	468.26	500.34	484.55	3.31	ppb
Selenium	78-2	484.10	485.08	497.19	488.79	1.49	ppb
Selenium	82-1	491.55	492.51	486.25	490.10	0.69	ppb
Silicon	28-1	501.03	509.04	514.23	508.10	1.31	ppb
Silver	109-1	494.11	485.41	480.67	486.73	1.40	ppb
Silver	107-1	490.65	482.46	489.27	487.46	0.90	ppb
Sodium	23-2	259998.11	260660.28	258467.50	259708.63	0.43	ppb
Strontium	86-1	503.94	496.60	499.09	499.88	0.75	ppb
Strontium	88-1	503.06	499.17	494.48	498.90	0.86	ppb
Sulfur	34-1	11060.38	13024.53	11163.91	11749.60	9.41	ppb
Terbium	159-1				91		%
Terbium	159-2				86		%
Thallium	203-1	494.68	492.80	494.16	493.88	0.20	ppb
Thallium	205-1	511.13	518.39	523.43	517.65	1.19	ppb
Thorium	232-1	380.67	375.95	377.23	377.95	0.65	ppb
Tin	118-1	505.12	493.42	502.08	500.21	1.21	ppb
Titanium	47-1	2468.64	2480.69	2487.07	2478.80	0.38	ppb
Uranium	238-1	525.88	539.24	525.32	530.15	1.49	ppb
Vanadium	51-2	508.21	507.56	502.33	506.03	0.64	ppb
Yttrium	89-1				92		%
Yttrium	89-2				87		%

LB Number :	LB106474	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P7
Client Sample ID :		Dilution Factor :	
Date & Time Acquired ::	2019-11-25 18:36:18	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1012.14	1009.69	1004.76	1008.86	0.37	ppb
Zirconium	90-1	504.46	494.67	500.38	499.84	0.98	ppb
Zirconium	91-1	508.12	500.68	497.77	502.19	1.06	ppb

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : CCB44 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 18:39:54 DataFile Name : 018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.00	-0.28	0.98	0.57	128.67	ppb
Antimony	121-1	0.39	0.51	0.50	0.47	13.65	ppb
Arsenic	75-2	0.03	0.07	0.00	0.03	116.07	ppb
Barium	135-1	0.06	0.10	0.10	0.09	28.80	ppb
Barium	137-1	0.10	0.09	0.16	0.12	32.45	ppb
Beryllium	9-1	0.03	0.05	0.05	0.04	25.00	ppb
Bismuth	209-1				93		%
Bismuth	209-2				92		%
Boron	10-1	11.35	10.66	9.24	10.41	10.30	ppb
Boron	11-1	11.48	10.56	9.98	10.67	7.08	ppb
Cadmium	111-1	0.03	0.01	0.03	0.02	51.37	ppb
Cadmium	106-1	-0.14	-0.17	-0.19	-0.17		ppb
Cadmium	108-1	0.02	-0.02	0.06	0.02	197.75	ppb
Calcium	43-1	-1.26	-1.01	1.28	-0.33		ppb
Calcium	44-1	-0.37	-1.52	-1.18	-1.02		ppb
Chromium	52-2	-0.01	0.02	-0.01	0.00	4410.35	ppb
Cobalt	59-2	-0.01	-0.02	-0.03	-0.02		ppb
Copper	63-2	0.08	0.09	0.06	0.08	22.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				88		%
Indium	115-1				95		%
Indium	115-2				89		%
Iron	56-2	-0.66	-0.87	-0.93	-0.82		ppb
Iron	57-2	-0.59	-0.86	-1.76	-1.07		ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.06	0.05	0.04	76.08	ppb
Lead	207-1	0.04	0.04	0.05	0.04	7.16	ppb
Lead	208-1	0.03	0.05	0.05	0.04	24.49	ppb
Lithium	6-1				93		%
Magnesium	24-2	1.56	1.21	0.86	1.21	28.98	ppb

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : CCB44 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 18:39:54 DataFile Name : 018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.18	-0.16	-0.17	-0.17		ppb
Molybdenum	94-1	0.70	0.52	0.55	0.59	16.10	ppb
Molybdenum	95-1	0.72	0.72	0.69	0.71	2.17	ppb
Molybdenum	96-1	0.72	0.68	0.67	0.69	3.73	ppb
Molybdenum	97-1	0.73	0.73	0.81	0.76	6.12	ppb
Molybdenum	98-1	0.78	0.72	0.61	0.71	11.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	0.04	0.01	188.52	ppb
Phosphorus	31-2	-246.65	-189.16	-229.32	-221.71		ppb
Potassium	39-2	46.31	48.70	43.72	46.24	5.38	ppb
Rhodium	103-1				94		%
Rhodium	103-2				89		%
Scandium	45-1				93		%
Scandium	45-2				88		%
Selenium	77-2	0.40	-0.17	-0.17	0.02	1476.00	ppb
Selenium	78-2	0.41	0.55	0.04	0.33	78.76	ppb
Selenium	82-1	-0.86	-0.83	-0.51	-0.73		ppb
Silicon	28-1	4.47	4.44	4.40	4.44	0.82	ppb
Silver	109-1	0.05	0.04	0.05	0.05	1.91	ppb
Silver	107-1	0.05	0.03	0.04	0.04	34.92	ppb
Sodium	23-2	58.83	56.35	53.84	56.34	4.43	ppb
Strontium	86-1	0.00	0.08	0.09	0.06	86.52	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	16.66	ppb
Sulfur	34-1	-4030.56	-1409.69	87.80	-1784.15		ppb
Terbium	159-1				93		%
Terbium	159-2				89		%
Thallium	203-1	0.07	0.05	0.07	0.06	20.78	ppb
Thallium	205-1	0.08	0.07	0.07	0.07	11.16	ppb
Thorium	232-1	-0.07	-0.22	0.42	0.05	748.56	ppb
Tin	118-1	0.21	0.25	0.22	0.23	8.04	ppb
Titanium	47-1	0.08	0.10	0.14	0.11	28.12	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	2957.57	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	135.74	ppb
Yttrium	89-1				94		%
Yttrium	89-2				88		%

LB Number :	LB106474	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P7
Client Sample ID :		Dilution Factor :	
Date & Time Acquired ::	2019-11-25 18:39:54	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.15	0.02	0.21	0.13	78.58	ppb
Zirconium	90-1	0.03	0.01	0.04	0.03	58.12	ppb
Zirconium	91-1	0.05	0.04	0.02	0.04	41.41	ppb

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 18:43:28 DataFile Name : 019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.22	24.30	19.35	21.63	11.56	ppb
Antimony	121-1	2.12	2.19	2.23	2.18	2.64	ppb
Arsenic	75-2	0.91	1.06	0.95	0.97	7.75	ppb
Barium	135-1	10.55	10.25	10.76	10.52	2.44	ppb
Barium	137-1	10.38	10.32	10.48	10.39	0.78	ppb
Beryllium	9-1	1.07	0.96	0.97	1.00	6.44	ppb
Bismuth	209-1				93		%
Bismuth	209-2				92		%
Boron	10-1	28.64	28.13	29.55	28.77	2.50	ppb
Boron	11-1	29.00	29.58	29.83	29.47	1.45	ppb
Cadmium	111-1	1.24	1.06	1.08	1.13	8.84	ppb
Cadmium	106-1	1.98	0.39	1.17	1.18	67.45	ppb
Cadmium	108-1	1.07	1.23	0.91	1.07	14.91	ppb
Calcium	43-1	472.73	505.44	482.68	486.95	3.44	ppb
Calcium	44-1	500.60	493.34	497.27	497.07	0.73	ppb
Chromium	52-2	2.01	1.98	2.00	2.00	0.82	ppb
Cobalt	59-2	1.08	1.06	1.02	1.05	2.66	ppb
Copper	63-2	2.25	2.18	2.07	2.17	4.30	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				89		%
Indium	115-1				94		%
Indium	115-2				89		%
Iron	56-2	55.06	56.17	56.18	55.80	1.15	ppb
Iron	57-2	58.46	52.88	53.65	55.00	5.50	ppb
Krypton	83-1						cps
Lead	206-1	1.04	1.08	0.99	1.04	4.42	ppb
Lead	207-1	1.10	1.06	1.04	1.07	2.99	ppb
Lead	208-1	1.03	1.00	1.01	1.02	1.45	ppb
Lithium	6-1				93		%
Magnesium	24-2	553.84	561.55	549.89	555.09	1.07	ppb

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 18:43:28 DataFile Name : 019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.88	0.92	0.93	0.91	2.49	ppb
Molybdenum	94-1	5.01	4.80	4.57	4.79	4.53	ppb
Molybdenum	95-1	5.04	4.97	4.93	4.98	1.11	ppb
Molybdenum	96-1	5.14	4.86	4.92	4.97	2.98	ppb
Molybdenum	97-1	4.94	4.98	4.97	4.97	0.42	ppb
Molybdenum	98-1	4.92	4.92	5.00	4.95	0.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.05	1.09	1.16	1.10	5.04	ppb
Phosphorus	31-2	313.51	439.08	428.24	393.61	17.68	ppb
Potassium	39-2	563.84	545.31	555.81	554.99	1.67	ppb
Rhodium	103-1				92		%
Rhodium	103-2				90		%
Scandium	45-1				93		%
Scandium	45-2				90		%
Selenium	77-2	3.72	4.38	4.90	4.34	13.61	ppb
Selenium	78-2	4.59	4.92	5.61	5.04	10.29	ppb
Selenium	82-1	4.67	4.70	4.99	4.78	3.64	ppb
Silicon	28-1	8.65	8.48	8.50	8.54	1.08	ppb
Silver	109-1	0.94	0.86	0.90	0.90	4.72	ppb
Silver	107-1	0.94	0.90	0.90	0.91	2.67	ppb
Sodium	23-2	578.29	578.50	577.82	578.20	0.06	ppb
Strontium	86-1	1.02	1.08	0.95	1.02	6.61	ppb
Strontium	88-1	0.99	0.96	1.01	0.99	2.90	ppb
Sulfur	34-1	2899.43	1211.12	1061.13	1723.89	59.22	ppb
Terbium	159-1				92		%
Terbium	159-2				89		%
Thallium	203-1	0.97	0.95	0.98	0.97	1.69	ppb
Thallium	205-1	1.05	0.95	1.06	1.02	5.70	ppb
Thorium	232-1	137.37	137.45	136.84	137.22	0.24	ppb
Tin	118-1	5.23	5.26	5.17	5.22	0.87	ppb
Titanium	47-1	5.12	5.50	4.94	5.19	5.55	ppb
Uranium	238-1	0.97	0.94	0.93	0.95	2.23	ppb
Vanadium	51-2	5.44	5.33	5.38	5.38	0.99	ppb
Yttrium	89-1				94		%
Yttrium	89-2				89		%

LB Number :	LB106474	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :		Dilution Factor :	
Date & Time Acquired ::	2019-11-25 18:43:28	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.23	2.71	2.29	2.41	10.71	ppb
Zirconium	90-1	0.90	0.89	0.92	0.90	1.83	ppb
Zirconium	91-1	0.93	0.97	0.87	0.92	5.27	ppb

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : PB125101BL Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 18:47:02 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.98	-0.98	-0.75	-0.90		ppb
Antimony	121-1	0.05	0.06	0.07	0.06	18.59	ppb
Arsenic	75-2	0.00	-0.03	0.03	0.00		ppb
Barium	135-1	0.01	-0.01	0.03	0.01	180.21	ppb
Barium	137-1	-0.01	0.00	0.00	0.00		ppb
Beryllium	9-1	0.03	-0.01	0.01	0.01	163.35	ppb
Bismuth	209-1				92		%
Bismuth	209-2				89		%
Boron	10-1	4.09	4.44	4.03	4.19	5.27	ppb
Boron	11-1	4.09	4.54	4.36	4.33	5.24	ppb
Cadmium	111-1	-0.10	0.04	0.00	-0.02		ppb
Cadmium	106-1	-1.41	0.58	-0.25	-0.36		ppb
Cadmium	108-1	-0.06	0.06	-0.06	-0.02		ppb
Calcium	43-1	-6.12	-2.11	-5.66	-4.63		ppb
Calcium	44-1	-7.51	-7.77	-7.73	-7.67		ppb
Chromium	52-2	-0.01	0.00	-0.08	-0.03		ppb
Cobalt	59-2	-0.04	-0.03	-0.03	-0.03		ppb
Copper	63-2	0.03	0.03	0.03	0.03	12.12	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				92		%
Holmium	165-2				86		%
Indium	115-1				95		%
Indium	115-2				86		%
Iron	56-2	-4.60	-4.67	-4.56	-4.61		ppb
Iron	57-2	-4.78	-4.86	-5.32	-4.99		ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.01	0.01	0.02	70.19	ppb
Lead	207-1	0.00	0.05	0.06	0.04	86.01	ppb
Lead	208-1	0.01	0.02	0.02	0.02	22.36	ppb
Lithium	6-1				93		%
Magnesium	24-2	-3.98	-3.51	-3.78	-3.75		ppb

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : PB125101BL Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 18:47:02 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.21	-0.20	-0.21	-0.21		ppb
Molybdenum	94-1	0.05	0.10	0.08	0.08	31.92	ppb
Molybdenum	95-1	0.09	0.07	0.08	0.08	13.06	ppb
Molybdenum	96-1	0.05	0.07	0.05	0.06	16.37	ppb
Molybdenum	97-1	0.02	0.10	0.10	0.07	66.17	ppb
Molybdenum	98-1	0.09	0.08	0.12	0.10	20.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.02	-0.02	-0.02		ppb
Phosphorus	31-2	-283.78	-152.69	-134.13	-190.20		ppb
Potassium	39-2	41.17	30.95	33.36	35.16	15.19	ppb
Rhodium	103-1				92		%
Rhodium	103-2				87		%
Scandium	45-1				93		%
Scandium	45-2				88		%
Selenium	77-2	0.41	-0.17	-0.17	0.03	1286.38	ppb
Selenium	78-2	0.27	0.85	0.60	0.57	50.85	ppb
Selenium	82-1	-0.45	-1.32	-0.15	-0.64		ppb
Silicon	28-1	1.32	1.16	1.50	1.33	12.89	ppb
Silver	109-1	0.02	0.01	0.02	0.01	30.82	ppb
Silver	107-1	0.01	0.01	0.00	0.01	39.05	ppb
Sodium	23-2	26.60	26.79	32.15	28.51	11.05	ppb
Strontium	86-1	0.02	0.04	0.03	0.03	39.10	ppb
Strontium	88-1	0.00	-0.01	0.00	0.00		ppb
Sulfur	34-1	2138.12	2758.75	3038.44	2645.10	17.42	ppb
Terbium	159-1				92		%
Terbium	159-2				86		%
Thallium	203-1	0.00	0.01	0.04	0.02	134.11	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	53.06	ppb
Thorium	232-1	0.69	-0.72	2.10	0.69	203.90	ppb
Tin	118-1	0.00	0.03	0.04	0.02	73.83	ppb
Titanium	47-1	-0.01	-0.04	-0.02	-0.03		ppb
Uranium	238-1	-0.01	0.00	-0.01	-0.01		ppb
Vanadium	51-2	-0.01	-0.01	0.00	-0.01		ppb
Yttrium	89-1				94		%
Yttrium	89-2				86		%

LB Number :	LB106474	Operator :	Jaswal
Lab Sample ID :	PB125101BL	Instrumnet Name :	P7
Client Sample ID :		Dilution Factor :	
Date & Time Acquired ::	2019-11-25 18:47:02	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.08	0.07	0.12	0.09	31.92	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	37.18	ppb
Zirconium	91-1	0.01	0.00	0.02	0.01	84.77	ppb

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : PB125101BS Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 18:50:36 DataFile Name : 021DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10585.17	10646.36	10499.12	10576.88	0.70	ppb
Antimony	121-1	501.90	494.69	492.47	496.35	0.99	ppb
Arsenic	75-2	515.65	516.33	507.87	513.28	0.92	ppb
Barium	135-1	2440.16	2419.29	2411.44	2423.63	0.61	ppb
Barium	137-1	2583.62	2522.10	2525.42	2543.71	1.36	ppb
Beryllium	9-1	505.69	506.00	505.32	505.67	0.07	ppb
Bismuth	209-1				88		%
Bismuth	209-2				85		%
Boron	10-1	484.03	503.11	501.48	496.21	2.13	ppb
Boron	11-1	500.78	508.11	505.85	504.91	0.74	ppb
Cadmium	111-1	521.93	509.37	508.63	513.31	1.46	ppb
Cadmium	106-1	518.75	501.43	503.27	507.82	1.87	ppb
Cadmium	108-1	516.84	508.84	512.18	512.62	0.78	ppb
Calcium	43-1	51239.00	51070.45	50747.09	51018.85	0.49	ppb
Calcium	44-1	51813.97	51735.83	51787.72	51779.17	0.08	ppb
Chromium	52-2	504.02	507.12	505.54	505.56	0.31	ppb
Cobalt	59-2	504.24	507.63	511.00	507.62	0.67	ppb
Copper	63-2	971.95	966.81	967.43	968.73	0.29	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				86		%
Indium	115-1				87		%
Indium	115-2				82		%
Iron	56-2	26797.96	26865.48	26649.90	26771.11	0.41	ppb
Iron	57-2	25793.89	26198.24	25937.51	25976.55	0.79	ppb
Krypton	83-1						cps
Lead	206-1	486.56	495.41	503.27	495.08	1.69	ppb
Lead	207-1	497.01	510.13	513.60	506.91	1.73	ppb
Lead	208-1	479.84	491.91	496.37	489.37	1.75	ppb
Lithium	6-1				89		%
Magnesium	24-2	54321.39	54248.12	54143.20	54237.57	0.17	ppb

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : PB125101BS Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 18:50:36 DataFile Name : 021DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1010.19	1014.58	1011.31	1012.02	0.23	ppb
Molybdenum	94-1	2469.30	2502.79	2487.45	2486.52	0.67	ppb
Molybdenum	95-1	2488.13	2500.27	2494.54	2494.32	0.24	ppb
Molybdenum	96-1	2473.98	2482.56	2486.00	2480.85	0.25	ppb
Molybdenum	97-1	2333.23	2314.80	2264.98	2304.33	1.53	ppb
Molybdenum	98-1	2490.44	2494.89	2494.77	2493.37	0.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.99	508.71	503.80	505.83	0.51	ppb
Phosphorus	31-2	10754.20	10401.53	10450.37	10535.37	1.81	ppb
Potassium	39-2	24655.15	24755.29	24676.38	24695.61	0.21	ppb
Rhodium	103-1				85		%
Rhodium	103-2				82		%
Scandium	45-1				89		%
Scandium	45-2				85		%
Selenium	77-2	530.01	532.21	524.97	529.07	0.70	ppb
Selenium	78-2	507.83	512.28	504.26	508.13	0.79	ppb
Selenium	82-1	508.43	512.02	506.47	508.97	0.55	ppb
Silicon	28-1	535.02	535.42	542.47	537.64	0.78	ppb
Silver	109-1	494.62	480.27	481.13	485.34	1.66	ppb
Silver	107-1	493.44	485.83	481.89	487.05	1.21	ppb
Sodium	23-2	55923.65	56047.87	55542.97	55838.16	0.47	ppb
Strontium	86-1	501.58	490.78	500.34	497.57	1.19	ppb
Strontium	88-1	501.92	501.57	504.97	502.82	0.37	ppb
Sulfur	34-1	16696.22	12983.58	12251.87	13977.22	17.05	ppb
Terbium	159-1				90		%
Terbium	159-2				85		%
Thallium	203-1	472.32	477.24	478.89	476.15	0.72	ppb
Thallium	205-1	490.77	493.69	506.12	496.86	1.64	ppb
Thorium	232-1	328.35	340.32	337.28	335.32	1.86	ppb
Tin	118-1	508.49	506.56	501.96	505.67	0.66	ppb
Titanium	47-1	2472.54	2451.41	2438.86	2454.27	0.69	ppb
Uranium	238-1	477.46	502.89	493.99	491.45	2.63	ppb
Vanadium	51-2	501.94	504.35	504.85	503.71	0.31	ppb
Yttrium	89-1				90		%
Yttrium	89-2				84		%

LB Number :	LB106474	Operator :	Jaswal
Lab Sample ID :	PB125101BS	Instrumnet Name :	P7
Client Sample ID :		Dilution Factor :	
Date & Time Acquired ::	2019-11-25 18:50:36	DataFile Name :	021DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	937.99	942.78	942.11	940.96	0.28	ppb
Zirconium	90-1	495.50	496.49	499.23	497.07	0.39	ppb
Zirconium	91-1	495.10	494.40	493.50	494.33	0.16	ppb

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : K5945-01 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 18:54:10 DataFile Name : 022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.01	0.80	0.48	0.42	97.09	ppb
Antimony	121-1	0.12	0.13	0.15	0.14	10.54	ppb
Arsenic	75-2	0.00	0.04	-0.01	0.01	239.30	ppb
Barium	135-1	0.09	0.07	0.10	0.09	14.63	ppb
Barium	137-1	0.10	0.09	0.07	0.09	19.23	ppb
Beryllium	9-1	0.01	0.04	0.01	0.02	99.92	ppb
Bismuth	209-1				110		%
Bismuth	209-2				105		%
Boron	10-1	6.67	5.64	5.56	5.96	10.42	ppb
Boron	11-1	7.11	6.20	5.86	6.39	10.17	ppb
Cadmium	111-1	0.12	-0.11	-0.06	-0.02		ppb
Cadmium	106-1	0.98	-1.62	-1.08	-0.57		ppb
Cadmium	108-1	-0.06	-0.03	0.00	-0.03		ppb
Calcium	43-1	3.12	-0.64	-1.80	0.23	1118.22	ppb
Calcium	44-1	-1.63	-1.12	-1.92	-1.56		ppb
Chromium	52-2	-0.21	-0.17	-0.19	-0.19		ppb
Cobalt	59-2	-0.03	-0.03	-0.01	-0.02		ppb
Copper	63-2	0.10	0.06	0.07	0.08	23.01	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				111		%
Holmium	165-2				100		%
Indium	115-1				112		%
Indium	115-2				101		%
Iron	56-2	-4.28	-4.37	-4.13	-4.26		ppb
Iron	57-2	-5.20	-5.33	-5.49	-5.34		ppb
Krypton	83-1						cps
Lead	206-1	0.26	0.19	0.16	0.20	25.71	ppb
Lead	207-1	0.25	0.19	0.21	0.22	14.69	ppb
Lead	208-1	0.25	0.22	0.21	0.22	9.53	ppb
Lithium	6-1				110		%
Magnesium	24-2	-2.53	-2.25	-2.27	-2.35		ppb

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : K5945-01 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 18:54:10 DataFile Name : 022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.14	-0.14	-0.10	-0.13		ppb
Molybdenum	94-1	0.29	0.30	0.32	0.30	4.67	ppb
Molybdenum	95-1	0.51	0.50	0.47	0.49	4.22	ppb
Molybdenum	96-1	0.45	0.50	0.41	0.45	10.31	ppb
Molybdenum	97-1	0.48	0.47	0.48	0.48	1.73	ppb
Molybdenum	98-1	0.47	0.46	0.47	0.47	1.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	-0.01	0.00		ppb
Phosphorus	31-2	-149.23	-280.75	-232.26	-220.75		ppb
Potassium	39-2	11.23	14.23	11.53	12.33	13.40	ppb
Rhodium	103-1				112		%
Rhodium	103-2				101		%
Scandium	45-1				112		%
Scandium	45-2				101		%
Selenium	77-2	-0.17	0.33	-0.17	0.00		ppb
Selenium	78-2	-0.01	-0.54	0.54	0.00		ppb
Selenium	82-1	-0.09	-0.40	-0.22	-0.24		ppb
Silicon	28-1	-2.60	-3.32	-3.63	-3.18		ppb
Silver	109-1	0.01	0.02	0.03	0.02	26.64	ppb
Silver	107-1	0.01	0.02	0.02	0.02	14.31	ppb
Sodium	23-2	21.84	20.40	20.69	20.98	3.62	ppb
Strontium	86-1	0.00	-0.01	-0.03	-0.01		ppb
Strontium	88-1	0.01	0.02	0.01	0.02	40.38	ppb
Sulfur	34-1	-24536.07	-23624.79	-23372.17	-23844.34		ppb
Terbium	159-1				110		%
Terbium	159-2				100		%
Thallium	203-1	0.10	0.08	0.05	0.08	33.61	ppb
Thallium	205-1	0.09	0.07	0.05	0.07	31.18	ppb
Thorium	232-1	-2.88	-0.88	-1.91	-1.89		ppb
Tin	118-1	2.63	2.53	2.56	2.58	2.03	ppb
Titanium	47-1	0.02	0.03	0.00	0.02	100.71	ppb
Uranium	238-1	0.00	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.01	0.01	0.02	0.01	18.71	ppb
Yttrium	89-1				111		%
Yttrium	89-2				100		%

LB Number :	LB106474	Operator :	Jaswal
Lab Sample ID :	K5945-01	Instrumnet Name :	P7
Client Sample ID :		Dilution Factor :	
Date & Time Acquired ::	2019-11-25 18:54:10	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	4.66	4.73	4.42	4.60	3.45	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	188.14	ppb
Zirconium	91-1	0.00	0.02	0.02	0.01	72.49	ppb

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : K5945-01DUP Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 18:57:45 DataFile Name : 023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.24	-0.02	-0.02	-0.09		ppb
Antimony	121-1	0.02	0.02	0.04	0.03	40.28	ppb
Arsenic	75-2	-0.01	-0.03	-0.02	-0.02		ppb
Barium	135-1	0.02	0.02	0.01	0.02	29.21	ppb
Barium	137-1	0.02	0.04	0.01	0.02	70.19	ppb
Beryllium	9-1	-0.01	0.02	0.00	0.00	437.35	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Boron	10-1	3.23	3.84	3.62	3.56	8.57	ppb
Boron	11-1	3.35	3.58	3.43	3.45	3.32	ppb
Cadmium	111-1	-0.03	-0.04	-0.02	-0.03		ppb
Cadmium	106-1	-0.55	-0.52	-0.19	-0.42		ppb
Cadmium	108-1	0.13	0.07	0.07	0.09	40.18	ppb
Calcium	43-1	1.53	-2.37	-1.28	-0.71		ppb
Calcium	44-1	-2.70	-3.37	-1.63	-2.57		ppb
Chromium	52-2	-0.17	-0.21	-0.23	-0.20		ppb
Cobalt	59-2	-0.04	-0.04	-0.03	-0.03		ppb
Copper	63-2	0.04	0.02	0.00	0.02	90.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				100		%
Indium	115-1				112		%
Indium	115-2				101		%
Iron	56-2	-4.96	-5.02	-5.10	-5.03		ppb
Iron	57-2	-6.72	-6.94	-7.06	-6.91		ppb
Krypton	83-1						cps
Lead	206-1	0.18	0.11	0.14	0.14	22.90	ppb
Lead	207-1	0.18	0.15	0.15	0.16	12.72	ppb
Lead	208-1	0.17	0.14	0.15	0.15	11.04	ppb
Lithium	6-1				109		%
Magnesium	24-2	-4.25	-3.28	-3.46	-3.67		ppb

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : K5945-01DUP Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 18:57:45 DataFile Name : 023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.12	-0.16	-0.16	-0.15		ppb
Molybdenum	94-1	0.04	0.05	0.06	0.05	22.34	ppb
Molybdenum	95-1	0.11	0.12	0.14	0.12	13.41	ppb
Molybdenum	96-1	0.09	0.05	0.11	0.08	37.07	ppb
Molybdenum	97-1	0.12	0.13	0.13	0.13	5.29	ppb
Molybdenum	98-1	0.11	0.10	0.14	0.11	20.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.01	-0.02	-0.02		ppb
Phosphorus	31-2	-233.87	-248.80	-215.72	-232.80		ppb
Potassium	39-2	4.15	14.46	12.69	10.43	52.82	ppb
Rhodium	103-1				111		%
Rhodium	103-2				102		%
Scandium	45-1				112		%
Scandium	45-2				102		%
Selenium	77-2	0.33	-0.17	-0.17	0.00		ppb
Selenium	78-2	0.30	-0.22	-0.54	-0.15		ppb
Selenium	82-1	-0.68	-0.26	-1.13	-0.69		ppb
Silicon	28-1	-5.78	-5.66	-5.77	-5.74		ppb
Silver	109-1	0.00	0.00	0.01	0.00	295.22	ppb
Silver	107-1	0.00	0.00	0.01	0.00		ppb
Sodium	23-2	15.65	13.82	15.27	14.92	6.47	ppb
Strontium	86-1	0.01	-0.01	-0.06	-0.02		ppb
Strontium	88-1	0.01	0.01	0.00	0.01	33.53	ppb
Sulfur	34-1	-20980.64	-19069.84	-19529.47	-19859.98		ppb
Terbium	159-1				109		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.00	0.03	0.01	103.28	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	45.85	ppb
Thorium	232-1	-2.20	-0.93	-0.71	-1.28		ppb
Tin	118-1	2.45	2.31	2.35	2.37	3.07	ppb
Titanium	47-1	0.00	-0.02	-0.02	-0.01		ppb
Uranium	238-1	-0.02	-0.01	-0.02	-0.02		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				110		%
Yttrium	89-2				101		%

LB Number :	LB106474	Operator :	Jaswal
Lab Sample ID :	K5945-01DUP	Instrumnet Name :	P7
Client Sample ID :		Dilution Factor :	
Date & Time Acquired ::	2019-11-25 18:57:45	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	4.51	4.16	4.46	4.38	4.22	ppb
Zirconium	90-1	-0.01	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	-0.01	0.00	0.00	-0.01		ppb

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : K5945-01LX5 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 19:01:20 DataFile Name : 024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.52	0.06	-0.65	-0.37		ppb
Antimony	121-1	0.04	0.03	0.08	0.05	57.87	ppb
Arsenic	75-2	0.01	0.07	0.01	0.03	127.21	ppb
Barium	135-1	0.00	0.01	-0.01	0.00		ppb
Barium	137-1	0.00	0.01	0.01	0.01	31.95	ppb
Beryllium	9-1	0.02	-0.01	0.01	0.01	139.26	ppb
Bismuth	209-1				92		%
Bismuth	209-2				90		%
Boron	10-1	3.84	3.16	3.85	3.62	10.83	ppb
Boron	11-1	4.03	3.81	3.92	3.92	2.77	ppb
Cadmium	111-1	0.05	0.13	0.12	0.10	43.84	ppb
Cadmium	106-1	0.64	1.59	1.36	1.20	41.64	ppb
Cadmium	108-1	0.10	-0.06	0.02	0.02	384.45	ppb
Calcium	43-1	-4.33	-5.32	-1.84	-3.83		ppb
Calcium	44-1	-3.48	-4.37	-4.35	-4.07		ppb
Chromium	52-2	-0.02	-0.03	-0.08	-0.04		ppb
Cobalt	59-2	-0.04	-0.03	-0.04	-0.04		ppb
Copper	63-2	0.01	0.06	0.05	0.04	58.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				87		%
Indium	115-1				95		%
Indium	115-2				87		%
Iron	56-2	-4.89	-4.78	-5.17	-4.95		ppb
Iron	57-2	-2.34	-4.14	-3.42	-3.30		ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.07	0.03	0.05	36.77	ppb
Lead	207-1	0.00	0.05	0.05	0.03	77.87	ppb
Lead	208-1	0.03	0.05	0.04	0.04	30.92	ppb
Lithium	6-1				92		%
Magnesium	24-2	-4.10	-3.99	-3.91	-4.00		ppb

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : K5945-01LX5 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 19:01:20 DataFile Name : 024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.19	-0.22	-0.17	-0.20		ppb
Molybdenum	94-1	0.03	0.06	0.06	0.05	40.34	ppb
Molybdenum	95-1	0.08	0.07	0.12	0.09	27.44	ppb
Molybdenum	96-1	0.02	0.04	0.05	0.04	42.40	ppb
Molybdenum	97-1	0.06	0.07	0.08	0.07	13.05	ppb
Molybdenum	98-1	0.08	0.06	0.09	0.08	24.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	0.00	-0.02	-0.02		ppb
Phosphorus	31-2	-153.80	-153.77	-250.67	-186.08		ppb
Potassium	39-2	26.04	24.32	25.86	25.41	3.72	ppb
Rhodium	103-1				93		%
Rhodium	103-2				89		%
Scandium	45-1				93		%
Scandium	45-2				89		%
Selenium	77-2	-0.17	-0.17	-0.17	-0.17		ppb
Selenium	78-2	0.43	-0.04	0.69	0.36	103.26	ppb
Selenium	82-1	-0.71	-0.37	-0.34	-0.47		ppb
Silicon	28-1	-0.09	0.10	-0.33	-0.11		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.00	0.00	-0.01	0.00		ppb
Sodium	23-2	20.86	22.57	24.00	22.48	7.00	ppb
Strontium	86-1	0.02	0.12	0.05	0.06	75.31	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	158.04	ppb
Sulfur	34-1	2745.33	3686.24	3375.64	3269.07	14.67	ppb
Terbium	159-1				93		%
Terbium	159-2				86		%
Thallium	203-1	0.01	0.03	0.00	0.01	125.41	ppb
Thallium	205-1	0.01	0.01	0.02	0.01	20.68	ppb
Thorium	232-1	-0.17	0.11	0.67	0.21	209.00	ppb
Tin	118-1	0.60	0.66	0.57	0.61	7.15	ppb
Titanium	47-1	-0.02	-0.06	-0.04	-0.04		ppb
Uranium	238-1	0.01	0.00	0.00	0.00	117.95	ppb
Vanadium	51-2	-0.01	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				94		%
Yttrium	89-2				88		%

LB Number :	LB106474	Operator :	Jaswal
Lab Sample ID :	K5945-01LX5	Instrumnet Name :	P7
Client Sample ID :		Dilution Factor :	
Date & Time Acquired ::	2019-11-25 19:01:20	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.85	0.92	0.61	0.79	20.24	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	294.64	ppb
Zirconium	91-1	0.00	0.00	-0.01	0.00		ppb

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : K5945-01MS Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 19:04:54 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1901.95	1926.20	1894.73	1907.63	0.86	ppb
Antimony	121-1	837.78	768.89	777.29	794.65	4.73	ppb
Arsenic	75-2	861.16	850.03	855.79	855.66	0.65	ppb
Barium	135-1	200.36	200.41	202.26	201.01	0.54	ppb
Barium	137-1	200.93	199.24	198.90	199.69	0.55	ppb
Beryllium	9-1	189.29	189.81	189.54	189.54	0.14	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Boron	10-1	257.84	261.69	263.24	260.93	1.07	ppb
Boron	11-1	259.78	265.93	274.41	266.71	2.75	ppb
Cadmium	111-1	212.61	211.80	211.57	211.99	0.26	ppb
Cadmium	106-1	165.74	160.87	161.88	162.83	1.58	ppb
Cadmium	108-1	179.56	180.10	178.87	179.51	0.34	ppb
Calcium	43-1	1108.45	1120.84	1118.81	1116.03	0.60	ppb
Calcium	44-1	1083.82	1087.59	1079.52	1083.64	0.37	ppb
Chromium	52-2	394.00	395.43	395.67	395.03	0.23	ppb
Cobalt	59-2	205.09	205.66	204.67	205.14	0.24	ppb
Copper	63-2	307.03	308.32	303.46	306.27	0.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				93		%
Indium	115-1				102		%
Indium	115-2				91		%
Iron	56-2	3193.37	3194.30	3198.01	3195.23	0.08	ppb
Iron	57-2	3085.71	3130.66	3116.92	3111.09	0.74	ppb
Krypton	83-1						cps
Lead	206-1	924.35	949.96	920.73	931.68	1.71	ppb
Lead	207-1	940.82	966.81	950.67	952.77	1.38	ppb
Lead	208-1	964.69	988.52	970.80	974.67	1.27	ppb
Lithium	6-1				108		%
Magnesium	24-2	2165.09	2145.68	2162.30	2157.69	0.49	ppb

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : K5945-01MS Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 19:04:54 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	195.24	198.23	197.06	196.84	0.76	ppb
Molybdenum	94-1	258.99	259.46	257.08	258.51	0.49	ppb
Molybdenum	95-1	354.71	364.17	363.00	360.62	1.43	ppb
Molybdenum	96-1	344.60	348.21	347.52	346.78	0.55	ppb
Molybdenum	97-1	365.32	369.61	367.35	367.43	0.58	ppb
Molybdenum	98-1	358.27	364.63	364.71	362.54	1.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	510.57	509.39	511.41	510.46	0.20	ppb
Phosphorus	31-2	56371.36	57250.18	58489.10	57370.21	1.85	ppb
Potassium	39-2	9783.40	9861.32	9901.59	9848.77	0.61	ppb
Rhodium	103-1				103		%
Rhodium	103-2				95		%
Scandium	45-1				105		%
Scandium	45-2				97		%
Selenium	77-2	2434.70	2408.83	2357.38	2400.30	1.64	ppb
Selenium	78-2	2343.85	2358.94	2341.66	2348.15	0.40	ppb
Selenium	82-1	2311.34	2304.40	2297.46	2304.40	0.30	ppb
Silicon	28-1	642.41	639.78	646.05	642.75	0.49	ppb
Silver	109-1	77.29	77.14	77.86	77.43	0.49	ppb
Silver	107-1	77.35	77.06	78.63	77.68	1.07	ppb
Sodium	23-2	3252.09	3272.76	3272.25	3265.70	0.36	ppb
Strontium	86-1	198.60	197.70	198.17	198.16	0.23	ppb
Strontium	88-1	185.50	188.23	188.31	187.35	0.86	ppb
Sulfur	34-1	-17086.97	-17102.05	-17841.56	-17343.53		ppb
Terbium	159-1				101		%
Terbium	159-2				94		%
Thallium	203-1	1941.13	1974.06	1965.57	1960.25	0.87	ppb
Thallium	205-1	1939.81	1947.81	1964.20	1950.61	0.64	ppb
Thorium	232-1	1.11	0.08	-0.34	0.28	262.98	ppb
Tin	118-1	676.67	672.65	677.57	675.63	0.39	ppb
Titanium	47-1	198.07	199.22	197.87	198.39	0.37	ppb
Uranium	238-1	0.57	0.54	0.57	0.56	2.94	ppb
Vanadium	51-2	293.87	295.25	293.99	294.37	0.26	ppb
Yttrium	89-1				103		%
Yttrium	89-2				94		%

LB Number :	LB106474	Operator :	Jaswal
Lab Sample ID :	K5945-01MS	Instrumnet Name :	P7
Client Sample ID :		Dilution Factor :	
Date & Time Acquired ::	2019-11-25 19:04:54	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	214.78	216.86	214.65	215.43	0.58	ppb
Zirconium	90-1	0.83	0.80	0.86	0.83	3.36	ppb
Zirconium	91-1	1.18	1.23	1.40	1.27	8.93	ppb

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : K5945-01MSD Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 19:08:29 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1955.15	1937.29	1935.78	1942.74	0.55	ppb
Antimony	121-1	771.84	838.22	744.25	784.77	6.15	ppb
Arsenic	75-2	875.25	871.00	877.06	874.43	0.36	ppb
Barium	135-1	209.23	228.40	204.82	214.15	5.86	ppb
Barium	137-1	206.72	223.02	202.16	210.64	5.21	ppb
Beryllium	9-1	193.69	210.29	191.86	198.61	5.11	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	10-1	263.85	296.88	274.05	278.26	6.08	ppb
Boron	11-1	269.73	300.15	279.59	283.16	5.48	ppb
Cadmium	111-1	217.13	236.39	214.70	222.74	5.33	ppb
Cadmium	106-1	167.56	183.08	165.33	171.99	5.62	ppb
Cadmium	108-1	186.37	210.37	178.76	191.83	8.60	ppb
Calcium	43-1	1177.55	1324.69	1168.23	1223.49	7.17	ppb
Calcium	44-1	1118.83	1233.00	1104.09	1151.97	6.12	ppb
Chromium	52-2	405.62	400.45	403.44	403.17	0.64	ppb
Cobalt	59-2	208.60	208.64	209.37	208.87	0.21	ppb
Copper	63-2	312.24	310.84	313.93	312.34	0.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				95		%
Indium	115-1				101		%
Indium	115-2				94		%
Iron	56-2	3273.14	3235.07	3275.73	3261.31	0.70	ppb
Iron	57-2	3140.61	3109.45	3213.79	3154.62	1.70	ppb
Krypton	83-1						cps
Lead	206-1	956.07	1047.18	925.64	976.30	6.48	ppb
Lead	207-1	982.04	1052.11	954.03	996.06	5.07	ppb
Lead	208-1	1006.49	1080.87	977.33	1021.56	5.23	ppb
Lithium	6-1				107		%
Magnesium	24-2	2207.90	2221.17	2224.65	2217.90	0.40	ppb

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : K5945-01MSD Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 19:08:29 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	198.13	200.15	199.48	199.25	0.52	ppb
Molybdenum	94-1	261.73	277.77	250.33	263.28	5.24	ppb
Molybdenum	95-1	365.83	387.09	350.80	367.91	4.96	ppb
Molybdenum	96-1	347.52	374.68	339.02	353.74	5.27	ppb
Molybdenum	97-1	366.34	386.32	355.36	369.34	4.25	ppb
Molybdenum	98-1	364.78	389.33	353.64	369.25	4.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	519.14	522.31	520.37	520.61	0.31	ppb
Phosphorus	31-2	60178.02	59602.81	58548.09	59442.97	1.39	ppb
Potassium	39-2	10005.94	9997.45	10061.56	10021.65	0.35	ppb
Rhodium	103-1				103		%
Rhodium	103-2				98		%
Scandium	45-1				105		%
Scandium	45-2				99		%
Selenium	77-2	2417.77	2406.97	2420.18	2414.97	0.29	ppb
Selenium	78-2	2394.16	2413.84	2398.84	2402.28	0.43	ppb
Selenium	82-1	2410.66	2593.51	2331.56	2445.24	5.49	ppb
Silicon	28-1	640.33	694.12	622.95	652.47	5.69	ppb
Silver	109-1	79.44	86.01	76.94	80.80	5.79	ppb
Silver	107-1	79.84	85.93	78.23	81.33	5.00	ppb
Sodium	23-2	3375.03	3381.37	3351.50	3369.30	0.47	ppb
Strontium	86-1	204.61	217.70	198.56	206.96	4.73	ppb
Strontium	88-1	194.17	206.56	187.80	196.18	4.86	ppb
Sulfur	34-1	-20290.72	-14445.46	-22392.36	-19042.85		ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	2034.20	2204.87	2005.48	2081.52	5.18	ppb
Thallium	205-1	1970.98	2168.88	1969.91	2036.59	5.63	ppb
Thorium	232-1	-3.16	0.88	-1.32	-1.20		ppb
Tin	118-1	681.88	731.14	656.74	689.92	5.49	ppb
Titanium	47-1	196.72	211.94	192.84	200.50	5.03	ppb
Uranium	238-1	0.72	0.77	0.69	0.73	5.37	ppb
Vanadium	51-2	299.39	298.38	300.04	299.27	0.28	ppb
Yttrium	89-1				103		%
Yttrium	89-2				96		%

LB Number :	LB106474	Operator :	Jaswal
Lab Sample ID :	K5945-01MSD	Instrumnet Name :	P7
Client Sample ID :		Dilution Factor :	
Date & Time Acquired ::	2019-11-25 19:08:29	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	217.14	219.43	217.39	217.99	0.58	ppb
Zirconium	90-1	0.82	0.96	0.84	0.87	8.42	ppb
Zirconium	91-1	1.21	1.28	1.17	1.22	4.34	ppb

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : K5945-01A Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 19:12:04 DataFile Name : 027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1900.34	1941.44	1914.96	1918.91	1.09	ppb
Antimony	121-1	843.59	839.50	766.36	816.48	5.32	ppb
Arsenic	75-2	862.44	864.73	866.12	864.43	0.21	ppb
Barium	135-1	203.96	200.11	203.53	202.53	1.04	ppb
Barium	137-1	202.00	199.15	199.85	200.33	0.74	ppb
Beryllium	9-1	187.60	187.64	188.23	187.82	0.19	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	259.14	269.42	264.89	264.48	1.95	ppb
Boron	11-1	274.60	275.51	278.88	276.33	0.82	ppb
Cadmium	111-1	210.37	211.47	211.09	210.98	0.26	ppb
Cadmium	106-1	162.09	164.52	159.56	162.05	1.53	ppb
Cadmium	108-1	181.11	179.30	176.18	178.87	1.39	ppb
Calcium	43-1	1158.90	1140.45	1135.91	1145.09	1.06	ppb
Calcium	44-1	1084.12	1076.70	1077.03	1079.28	0.39	ppb
Chromium	52-2	400.31	400.53	400.33	400.39	0.03	ppb
Cobalt	59-2	207.22	206.53	205.98	206.58	0.30	ppb
Copper	63-2	309.37	310.21	306.44	308.67	0.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				98		%
Indium	115-1				108		%
Indium	115-2				96		%
Iron	56-2	3241.00	3262.21	3236.67	3246.62	0.42	ppb
Iron	57-2	3117.50	3184.02	3121.06	3140.86	1.19	ppb
Krypton	83-1						cps
Lead	206-1	929.26	923.23	929.89	927.46	0.40	ppb
Lead	207-1	950.18	954.05	949.71	951.31	0.25	ppb
Lead	208-1	980.17	983.05	978.50	980.57	0.23	ppb
Lithium	6-1				114		%
Magnesium	24-2	2207.32	2194.72	2199.85	2200.63	0.29	ppb

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : K5945-01A Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 19:12:04 DataFile Name : 027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	197.01	199.77	196.80	197.86	0.84	ppb
Molybdenum	94-1	255.33	256.45	257.87	256.55	0.50	ppb
Molybdenum	95-1	358.82	360.97	362.99	360.93	0.58	ppb
Molybdenum	96-1	347.56	347.93	347.57	347.68	0.06	ppb
Molybdenum	97-1	364.08	362.11	362.75	362.98	0.28	ppb
Molybdenum	98-1	360.58	362.54	356.62	359.92	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	512.19	517.89	514.70	514.93	0.56	ppb
Phosphorus	31-2	56991.41	60032.45	57055.36	58026.40	2.99	ppb
Potassium	39-2	9938.34	9944.91	9828.34	9903.86	0.66	ppb
Rhodium	103-1				109		%
Rhodium	103-2				100		%
Scandium	45-1				112		%
Scandium	45-2				101		%
Selenium	77-2	2320.47	2341.23	2402.56	2354.75	1.81	ppb
Selenium	78-2	2330.50	2377.19	2337.79	2348.49	1.07	ppb
Selenium	82-1	2310.20	2329.50	2330.86	2323.52	0.50	ppb
Silicon	28-1	628.61	628.27	631.66	629.51	0.30	ppb
Silver	109-1	77.17	76.46	77.53	77.05	0.71	ppb
Silver	107-1	78.69	78.76	77.34	78.26	1.02	ppb
Sodium	23-2	3325.05	3371.54	3332.97	3343.19	0.74	ppb
Strontium	86-1	201.08	197.80	199.47	199.45	0.82	ppb
Strontium	88-1	187.38	187.12	188.20	187.56	0.30	ppb
Sulfur	34-1	-24313.12	-25032.61	-25115.19	-24820.31		ppb
Terbium	159-1				106		%
Terbium	159-2				98		%
Thallium	203-1	1945.34	1998.93	2011.42	1985.23	1.77	ppb
Thallium	205-1	1936.67	1996.49	1971.69	1968.28	1.53	ppb
Thorium	232-1	-1.37	-1.94	-0.71	-1.34		ppb
Tin	118-1	668.61	672.71	677.06	672.79	0.63	ppb
Titanium	47-1	193.05	191.34	191.80	192.06	0.46	ppb
Uranium	238-1	0.60	0.64	0.61	0.62	3.29	ppb
Vanadium	51-2	296.24	298.12	297.71	297.36	0.33	ppb
Yttrium	89-1				108		%
Yttrium	89-2				98		%

LB Number :	LB106474	Operator :	Jaswal
Lab Sample ID :	K5945-01A	Instrumnet Name :	P7
Client Sample ID :		Dilution Factor :	
Date & Time Acquired ::	2019-11-25 19:12:04	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	214.25	217.97	213.92	215.38	1.04	ppb
Zirconium	90-1	0.72	0.72	0.72	0.72	0.69	ppb
Zirconium	91-1	1.08	1.01	1.01	1.03	4.27	ppb

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : CCV45 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 19:15:38 DataFile Name : 028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52723.34	52543.83	52527.58	52598.25	0.21	ppb
Antimony	121-1	496.30	493.55	493.04	494.29	0.35	ppb
Arsenic	75-2	482.46	484.09	484.49	483.68	0.22	ppb
Barium	135-1	2435.32	2372.30	2401.20	2402.94	1.31	ppb
Barium	137-1	2543.62	2567.67	2552.07	2554.45	0.48	ppb
Beryllium	9-1	491.02	491.84	496.21	493.02	0.57	ppb
Bismuth	209-1				80		%
Bismuth	209-2				78		%
Boron	10-1	490.93	493.05	503.02	495.67	1.30	ppb
Boron	11-1	501.68	501.48	509.74	504.30	0.93	ppb
Cadmium	111-1	506.56	514.46	510.60	510.54	0.77	ppb
Cadmium	106-1	500.38	508.57	509.53	506.16	0.99	ppb
Cadmium	108-1	518.61	510.91	497.14	508.89	2.14	ppb
Calcium	43-1	256458.31	256160.73	256727.86	256448.97	0.11	ppb
Calcium	44-1	253156.06	257682.28	255789.61	255542.65	0.89	ppb
Chromium	52-2	515.17	513.84	512.30	513.77	0.28	ppb
Cobalt	59-2	496.58	495.74	490.87	494.40	0.62	ppb
Copper	63-2	1027.63	1041.88	1027.15	1032.22	0.81	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				89		%
Holmium	165-2				84		%
Indium	115-1				84		%
Indium	115-2				78		%
Iron	56-2	132578.73	131408.37	130732.61	131573.24	0.71	ppb
Iron	57-2	122470.02	122615.86	121862.44	122316.11	0.33	ppb
Krypton	83-1						cps
Lead	206-1	512.94	515.81	517.07	515.27	0.41	ppb
Lead	207-1	520.29	521.23	534.65	525.39	1.53	ppb
Lead	208-1	504.20	507.23	510.72	507.38	0.64	ppb
Lithium	6-1				86		%
Magnesium	24-2	265142.98	261422.38	259120.86	261895.41	1.16	ppb

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : CCV45 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 19:15:38 DataFile Name : 028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1003.65	994.00	994.96	997.53	0.53	ppb
Molybdenum	94-1	2473.26	2489.49	2490.46	2484.40	0.39	ppb
Molybdenum	95-1	2462.63	2488.95	2494.31	2481.96	0.68	ppb
Molybdenum	96-1	2455.73	2494.89	2493.41	2481.34	0.89	ppb
Molybdenum	97-1	2282.54	2308.27	2531.95	2374.25	5.78	ppb
Molybdenum	98-1	2486.31	2513.64	2493.53	2497.83	0.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	492.26	491.96	490.15	491.46	0.23	ppb
Phosphorus	31-2	10203.18	10138.11	9369.33	9903.54	4.68	ppb
Potassium	39-2	131984.07	131120.53	129588.76	130897.79	0.93	ppb
Rhodium	103-1				79		%
Rhodium	103-2				77		%
Scandium	45-1				87		%
Scandium	45-2				84		%
Selenium	77-2	515.07	511.13	498.15	508.11	1.74	ppb
Selenium	78-2	490.78	494.59	483.36	489.58	1.17	ppb
Selenium	82-1	482.32	485.11	483.68	483.70	0.29	ppb
Silicon	28-1	506.36	512.82	516.19	511.79	0.98	ppb
Silver	109-1	486.53	482.25	483.38	484.05	0.46	ppb
Silver	107-1	481.09	485.79	483.45	483.45	0.49	ppb
Sodium	23-2	269804.15	265205.06	265779.19	266929.47	0.94	ppb
Strontium	86-1	488.56	493.69	485.37	489.21	0.86	ppb
Strontium	88-1	497.99	507.09	498.16	501.08	1.04	ppb
Sulfur	34-1	16617.68	21335.20	18590.15	18847.68	12.57	ppb
Terbium	159-1				88		%
Terbium	159-2				83		%
Thallium	203-1	494.75	492.72	495.78	494.42	0.32	ppb
Thallium	205-1	525.60	523.33	529.36	526.10	0.58	ppb
Thorium	232-1	373.79	362.56	364.87	367.07	1.62	ppb
Tin	118-1	499.21	494.61	496.46	496.76	0.47	ppb
Titanium	47-1	2479.20	2477.18	2487.06	2481.15	0.21	ppb
Uranium	238-1	533.57	544.86	546.03	541.49	1.27	ppb
Vanadium	51-2	509.20	507.82	507.17	508.06	0.20	ppb
Yttrium	89-1				90		%
Yttrium	89-2				83		%

LB Number :	LB106474	Operator :	Jaswal
Lab Sample ID :	CCV45	Instrumnet Name :	P7
Client Sample ID :		Dilution Factor :	
Date & Time Acquired ::	2019-11-25 19:15:38	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1021.45	1023.03	1029.51	1024.67	0.42	ppb
Zirconium	90-1	498.92	499.41	505.28	501.21	0.71	ppb
Zirconium	91-1	491.83	488.46	488.99	489.76	0.37	ppb

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : CCB45 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 19:21:17 DataFile Name : 029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.27	-0.11	1.08	0.41	146.45	ppb
Antimony	121-1	0.24	0.35	0.34	0.31	18.88	ppb
Arsenic	75-2	0.05	0.01	0.10	0.05	84.50	ppb
Barium	135-1	0.05	0.08	0.09	0.07	29.12	ppb
Barium	137-1	0.09	0.08	0.12	0.10	24.92	ppb
Beryllium	9-1	0.02	0.03	0.04	0.03	24.65	ppb
Bismuth	209-1				88		%
Bismuth	209-2				86		%
Boron	10-1	7.39	7.04	7.00	7.14	2.97	ppb
Boron	11-1	7.22	6.97	6.46	6.88	5.63	ppb
Cadmium	111-1	-0.02	0.12	0.08	0.06	128.28	ppb
Cadmium	106-1	-0.47	1.06	0.74	0.44	182.16	ppb
Cadmium	108-1	-0.06	0.03	-0.02	-0.01		ppb
Calcium	43-1	-0.98	0.64	0.54	0.07	1328.07	ppb
Calcium	44-1	-0.26	0.22	-1.12	-0.38		ppb
Chromium	52-2	-0.04	-0.02	0.01	-0.02		ppb
Cobalt	59-2	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.18	0.18	0.14	0.17	14.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				89		%
Holmium	165-2				83		%
Indium	115-1				89		%
Indium	115-2				83		%
Iron	56-2	-0.92	-0.56	-0.50	-0.66		ppb
Iron	57-2	-0.01	0.41	-2.74	-0.78		ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.11	0.12	0.11	4.73	ppb
Lead	207-1	0.15	0.12	0.13	0.14	8.90	ppb
Lead	208-1	0.12	0.12	0.11	0.12	2.00	ppb
Lithium	6-1				90		%
Magnesium	24-2	4.22	3.11	3.70	3.68	15.09	ppb

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : CCB45 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 19:21:17 DataFile Name : 029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.14	-0.14	-0.15	-0.15		ppb
Molybdenum	94-1	0.21	0.22	0.26	0.23	13.03	ppb
Molybdenum	95-1	0.26	0.22	0.26	0.25	8.79	ppb
Molybdenum	96-1	0.22	0.20	0.28	0.24	18.17	ppb
Molybdenum	97-1	0.29	0.23	0.28	0.27	12.43	ppb
Molybdenum	98-1	0.29	0.28	0.30	0.29	3.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.03	0.00	0.01	189.84	ppb
Phosphorus	31-2	-299.53	-200.48	-340.29	-280.10		ppb
Potassium	39-2	31.90	34.45	27.62	31.32	11.02	ppb
Rhodium	103-1				87		%
Rhodium	103-2				85		%
Scandium	45-1				88		%
Scandium	45-2				84		%
Selenium	77-2	-0.17	1.04	0.44	0.44	138.15	ppb
Selenium	78-2	0.06	0.16	0.47	0.23	92.63	ppb
Selenium	82-1	-0.09	-0.75	-0.15	-0.33		ppb
Silicon	28-1	3.14	3.29	2.85	3.09	7.14	ppb
Silver	109-1	0.03	0.03	0.04	0.03	18.66	ppb
Silver	107-1	0.03	0.02	0.02	0.02	12.35	ppb
Sodium	23-2	45.56	42.75	41.38	43.23	4.93	ppb
Strontium	86-1	0.13	0.18	0.00	0.10	89.90	ppb
Strontium	88-1	0.00	0.01	0.01	0.01	45.78	ppb
Sulfur	34-1	4862.23	7090.85	5348.14	5767.07	20.32	ppb
Terbium	159-1				88		%
Terbium	159-2				83		%
Thallium	203-1	0.11	0.08	0.09	0.09	13.31	ppb
Thallium	205-1	0.10	0.09	0.08	0.09	8.55	ppb
Thorium	232-1	2.54	-0.49	-0.26	0.59	283.64	ppb
Tin	118-1	0.18	0.17	0.18	0.18	5.25	ppb
Titanium	47-1	0.01	0.05	0.10	0.05	91.04	ppb
Uranium	238-1	0.01	0.01	0.02	0.01	36.49	ppb
Vanadium	51-2	0.01	0.00	0.01	0.00	113.15	ppb
Yttrium	89-1				90		%
Yttrium	89-2				83		%

LB Number :	LB106474	Operator :	Jaswal
Lab Sample ID :	CCB45	Instrumnet Name :	P7
Client Sample ID :		Dilution Factor :	
Date & Time Acquired ::	2019-11-25 19:21:17	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.11	0.19	-0.07	0.08	177.44	ppb
Zirconium	90-1	0.01	0.03	0.02	0.02	57.91	ppb
Zirconium	91-1	0.02	0.05	0.04	0.04	31.25	ppb

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 17:38:11 DataFile Name : 003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	125	125	108	26.65	cps
Antimony	121-1	183	108	83	125	41.63	cps
Arsenic	75-2	17	9	7	11	44.09	cps
Barium	135-1	17	58	58	44	54.12	cps
Barium	137-1	75	42	42	53	36.46	cps
Beryllium	9-1	72	67	94	78	18.90	cps
Bismuth	209-1	3419460	3389950	3353734	3387714	0.97	cps
Bismuth	209-2	2275823	2260518	2287706	2274682	0.60	cps
Boron	10-1	558	525	658	581	11.95	cps
Boron	11-1	2792	2509	2950	2750	8.14	cps
Cadmium	111-1	1710	1771	1766	1749	1.94	cps
Cadmium	106-1	2442	2525	2492	2486	1.69	cps
Cadmium	108-1	17	13	4	11	57.27	cps
Calcium	43-1	308	250	250	269	12.50	cps
Calcium	44-1	9245	8895	8970	9037	2.04	cps
Chromium	52-2	617	783	783	728	13.22	cps
Cobalt	59-2	133	150	177	153	14.25	cps
Copper	63-2	293	297	310	300	2.94	cps
Dysprosium	156-1	8	17	67	31	103.26	cps
Dysprosium	156-2	23	10	23	19	40.75	cps
Erbium	164-1	58	58	83	67	21.65	cps
Erbium	164-2	47	20	40	36	39.03	cps
Gadolinium	160-1	58	58	33	50	28.88	cps
Gadolinium	160-2	130	157	173	153	14.26	cps
Holmium	165-1	6343520	6266291	6312300	6307370	0.62	cps
Holmium	165-2	3420844	3390262	3415827	3408977	0.48	cps
Indium	115-1	4858165	4793975	4811765	4821301	0.69	cps
Indium	115-2	1116162	1112351	1107303	1111938	0.40	cps
Iron	56-2	12283	12272	12372	12309	0.45	cps
Iron	57-2	494	506	444	482	6.76	cps
Krypton	83-1	533	657	453	548	18.70	cps
Lead	206-1	672	633	578	628	7.56	cps
Lead	207-1	517	489	678	561	18.18	cps
Lead	208-1	2178	2056	2183	2139	3.38	cps
Lithium	6-1	2881824	2856219	2845002	2861015	0.66	cps
Magnesium	24-2	833	942	842	872	6.91	cps

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 17:38:11 DataFile Name : 003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	303	313	320	312	2.69	cps
Molybdenum	94-1	133	300	233	222	37.75	cps
Molybdenum	95-1	133	133	183	150	19.24	cps
Molybdenum	96-1	333	367	325	342	6.45	cps
Molybdenum	97-1	75	75	117	89	27.07	cps
Molybdenum	98-1	250	208	217	225	9.80	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	10	7	3	7	50.03	cps
Nickel	60-2	33	30	40	34	14.78	cps
Phosphorus	31-2	92	92	42	75	38.49	cps
Potassium	39-2	18796	19246	19130	19057	1.23	cps
Rhodium	103-1	4672547	4676597	4679704	4676283	0.08	cps
Rhodium	103-2	2360223	2317630	2330407	2336087	0.94	cps
Scandium	45-1	4481847	4530299	4451472	4487873	0.89	cps
Scandium	45-2	202259	200499	200608	201122	0.49	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	43	33	54	43	23.61	cps
Selenium	82-1	70	-25	194	80	137.08	cps
Silicon	28-1	178528	176781	177373	177560	0.50	cps
Silver	109-1	67	75	42	61	28.38	cps
Silver	107-1	75	92	92	86	11.18	cps
Sodium	23-2	16651	15984	16134	16257	2.15	cps
Strontium	86-1	717	700	750	722	3.52	cps
Strontium	88-1	233	233	183	217	13.32	cps
Sulfur	34-1	333720	331314	334241	333092	0.47	cps
Terbium	159-1	6507151	6581604	6565293	6551349	0.60	cps
Terbium	159-2	3404457	3346560	3421105	3390707	1.15	cps
Thallium	203-1	317	500	442	419	22.33	cps
Thallium	205-1	608	625	592	608	2.74	cps
Thorium	232-1	1311	1289	1433	1345	5.79	cps
Tin	118-1	475	450	475	467	3.09	cps
Titanium	47-1	117	150	167	144	17.63	cps
Uranium	238-1	1767	1800	2067	1878	8.76	cps
Vanadium	51-2	17	17	10	14	26.66	cps
Yttrium	89-1	6967316	6948990	6951129	6955812	0.14	cps
Yttrium	89-2	1074447	1046757	1062234	1061146	1.31	cps

LB Number :	LB106474	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :		Dilution Factor :	
Date & Time Acquired ::	2019-11-25 17:38:11	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	230	260	247	246	6.12	cps
Zirconium	90-1	450	408	358	406	11.32	cps
Zirconium	91-1	67	92	108	89	23.59	cps

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 17:41:44 DataFile Name : 004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1592	1842	1825	1753	7.98	cps
Antimony	121-1	10121	10146	10771	10346	3.56	cps
Arsenic	75-2	250	252	257	253	1.52	cps
Barium	135-1	13983	14258	13832	14024	1.54	cps
Barium	137-1	24706	24706	25324	24912	1.43	cps
Beryllium	9-1	2417	2417	2317	2384	2.42	cps
Bismuth	209-1	3345053	3318800	3375741	3346531	0.85	cps
Bismuth	209-2	2298854	2288947	2279674	2289158	0.42	cps
Boron	10-1	9395	10070	9845	9770	3.52	cps
Boron	11-1	42369	42695	43121	42728	0.88	cps
Cadmium	111-1	3088	3325	3379	3264	4.74	cps
Cadmium	106-1	2417	2642	2675	2578	5.45	cps
Cadmium	108-1	125	125	146	132	9.12	cps
Calcium	43-1	12472	12614	12731	12606	1.03	cps
Calcium	44-1	210285	208646	212340	210424	0.88	cps
Chromium	52-2	4994	5204	4814	5004	3.90	cps
Cobalt	59-2	3444	3497	3440	3460	0.92	cps
Copper	63-2	4721	4731	4574	4675	1.88	cps
Dysprosium	156-1	8	17	58	28	96.44	cps
Dysprosium	156-2	17	20	7	14	48.02	cps
Erbium	164-1	8	25	75	36	96.08	cps
Erbium	164-2	53	33	33	40	28.87	cps
Gadolinium	160-1	50	67	83	67	25.00	cps
Gadolinium	160-2	130	133	147	137	6.45	cps
Holmium	165-1	6209595	6126726	6326372	6220898	1.61	cps
Holmium	165-2	3411053	3428153	3352057	3397088	1.18	cps
Indium	115-1	4744953	4654059	4882598	4760537	2.42	cps
Indium	115-2	1126766	1112654	1117840	1119087	0.64	cps
Iron	56-2	105684	102829	103115	103876	1.51	cps
Iron	57-2	2945	2745	2800	2830	3.65	cps
Krypton	83-1	513	503	473	497	4.19	cps
Lead	206-1	4707	4323	4490	4506	4.27	cps
Lead	207-1	3834	4129	3823	3928	4.41	cps
Lead	208-1	17238	17811	16816	17288	2.89	cps
Lithium	6-1	2816285	2792936	2866872	2825364	1.34	cps
Magnesium	24-2	97860	97324	97810	97665	0.30	cps

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 17:41:44 DataFile Name : 004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1640	1673	1537	1617	4.41	cps
Molybdenum	94-1	13140	13132	13006	13093	0.57	cps
Molybdenum	95-1	15642	16301	16535	16160	2.87	cps
Molybdenum	96-1	18204	17987	17996	18062	0.68	cps
Molybdenum	97-1	9829	9804	10146	9926	1.92	cps
Molybdenum	98-1	26634	26375	26893	26634	0.97	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	10	17	3	10	66.70	cps
Nickel	60-2	897	787	923	869	8.34	cps
Phosphorus	31-2	267	200	450	306	42.37	cps
Potassium	39-2	109141	108790	108083	108671	0.50	cps
Rhodium	103-1	4550394	4582150	4671009	4601184	1.36	cps
Rhodium	103-2	2339359	2328460	2337984	2335268	0.25	cps
Scandium	45-1	4438460	4432239	4534916	4468538	1.29	cps
Scandium	45-2	198131	202262	202238	200877	1.18	cps
Selenium	77-2	23	60	7	30	90.94	cps
Selenium	78-2	176	167	187	177	5.78	cps
Selenium	82-1	827	855	961	881	8.03	cps
Silicon	28-1	232717	231810	231845	232124	0.22	cps
Silver	109-1	5576	5735	5676	5662	1.41	cps
Silver	107-1	6352	5893	6310	6185	4.10	cps
Sodium	23-2	200278	201680	202938	201632	0.66	cps
Strontium	86-1	3025	2842	3117	2995	4.68	cps
Strontium	88-1	18296	17536	18604	18145	3.03	cps
Sulfur	34-1	335175	331472	341181	335942	1.46	cps
Terbium	159-1	6432328	6454096	6581228	6489217	1.24	cps
Terbium	159-2	3393916	3388808	3364843	3382522	0.46	cps
Thallium	203-1	5268	4993	4951	5071	3.39	cps
Thallium	205-1	11864	11506	11764	11711	1.58	cps
Thorium	232-1	14831	14675	14486	14664	1.18	cps
Tin	118-1	23863	23671	24389	23974	1.55	cps
Titanium	47-1	5568	5876	6252	5899	5.80	cps
Uranium	238-1	16353	17121	16770	16748	2.29	cps
Vanadium	51-2	9670	9490	9577	9579	0.94	cps
Yttrium	89-1	6834906	6755053	6941562	6843840	1.37	cps
Yttrium	89-2	1063728	1070205	1046545	1060160	1.15	cps

LB Number :	LB106474	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :		Dilution Factor :	
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1043	957	1090	1030	6.57	cps
Zirconium	90-1	9795	9554	10029	9793	2.43	cps
Zirconium	91-1	2375	2059	2292	2242	7.32	cps

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 17:45:58 DataFile Name : 005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	87874	87321	87364	87520	0.35	cps
Antimony	121-1	272486	270448	269521	270818	0.56	cps
Arsenic	75-2	11106	11293	11191	11197	0.84	cps
Barium	135-1	360983	354443	355871	357099	0.96	cps
Barium	137-1	613453	615092	609170	612572	0.50	cps
Beryllium	9-1	117468	115643	117749	116954	0.98	cps
Bismuth	209-1	3359484	3362568	3351045	3357699	0.18	cps
Bismuth	209-2	2257340	2281714	2271921	2270325	0.54	cps
Boron	10-1	19388	19647	20356	19797	2.53	cps
Boron	11-1	89808	90990	89196	89998	1.01	cps
Cadmium	111-1	81809	81007	81482	81432	0.50	cps
Cadmium	106-1	12147	11589	12131	11955	2.66	cps
Cadmium	108-1	6289	6289	6489	6356	1.82	cps
Calcium	43-1	131413	132229	130397	131346	0.70	cps
Calcium	44-1	2085077	2093979	2079625	2086227	0.35	cps
Chromium	52-2	107240	108717	108277	108078	0.70	cps
Cobalt	59-2	161164	160976	160423	160854	0.24	cps
Copper	63-2	209466	210542	212848	210952	0.82	cps
Dysprosium	156-1	33	33	17	28	34.63	cps
Dysprosium	156-2	23	43	27	31	34.44	cps
Erbium	164-1	33	33	42	36	13.33	cps
Erbium	164-2	37	27	57	40	38.18	cps
Gadolinium	160-1	58	42	42	47	20.38	cps
Gadolinium	160-2	117	157	160	144	16.69	cps
Holmium	165-1	6310982	6240515	6305107	6285535	0.62	cps
Holmium	165-2	3420555	3403383	3437082	3420340	0.49	cps
Indium	115-1	4839143	4788954	4815005	4814367	0.52	cps
Indium	115-2	1086513	1094769	1104414	1095232	0.82	cps
Iron	56-2	4257298	4265816	4278551	4267222	0.25	cps
Iron	57-2	111525	111089	112662	111759	0.73	cps
Krypton	83-1	490	467	573	510	11.00	cps
Lead	206-1	199827	200722	200564	200371	0.24	cps
Lead	207-1	166132	166796	166242	166390	0.21	cps
Lead	208-1	773168	768916	770658	770914	0.28	cps
Lithium	6-1	2847693	2816176	2833106	2832325	0.56	cps
Magnesium	24-2	943420	950783	949532	947912	0.42	cps

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 17:45:58 DataFile Name : 005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	132312	132605	132245	132387	0.14	cps
Molybdenum	94-1	671175	664193	661393	665587	0.76	cps
Molybdenum	95-1	825552	817253	821194	821333	0.51	cps
Molybdenum	96-1	905087	901062	901113	902420	0.26	cps
Molybdenum	97-1	509640	509939	511335	510305	0.18	cps
Molybdenum	98-1	1290712	1286702	1293488	1290301	0.26	cps
Neodymium	150-1	53	33	33	40	28.87	cps
Neodymium	150-2	13	10	17	13	25.01	cps
Nickel	60-2	41004	41352	41218	41191	0.43	cps
Phosphorus	31-2	650	742	742	711	7.44	cps
Potassium	39-2	463028	469143	468767	466979	0.73	cps
Rhodium	103-1	4679901	4666517	4667793	4671403	0.16	cps
Rhodium	103-2	2307742	2319123	2337835	2321567	0.65	cps
Scandium	45-1	4502317	4464802	4521820	4496313	0.64	cps
Scandium	45-2	198173	198299	200017	198830	0.52	cps
Selenium	77-2	393	360	310	354	11.83	cps
Selenium	78-2	1195	1156	1145	1165	2.25	cps
Selenium	82-1	7412	7200	7040	7217	2.59	cps
Silicon	28-1	601511	606019	605852	604461	0.42	cps
Silver	109-1	349853	348685	354886	351141	0.94	cps
Silver	107-1	373367	364647	375267	371094	1.53	cps
Sodium	23-2	1876224	1897482	1887114	1886940	0.56	cps
Strontium	86-1	103630	106066	103807	104501	1.30	cps
Strontium	88-1	894368	879561	891631	888520	0.89	cps
Sulfur	34-1	336139	337426	337759	337108	0.25	cps
Terbium	159-1	6535642	6507700	6555898	6533080	0.37	cps
Terbium	159-2	3378369	3409577	3403192	3397046	0.49	cps
Thallium	203-1	242233	243342	243538	243038	0.29	cps
Thallium	205-1	571312	575749	579100	575387	0.68	cps
Thorium	232-1	18230	18631	19120	18660	2.39	cps
Tin	118-1	242066	238069	240333	240156	0.83	cps
Titanium	47-1	284384	282948	283528	283620	0.25	cps
Uranium	238-1	741835	746107	757251	748397	1.06	cps
Vanadium	51-2	89365	89097	89781	89414	0.39	cps
Yttrium	89-1	6925662	6914450	6841283	6893798	0.66	cps
Yttrium	89-2	1049820	1046895	1057486	1051400	0.52	cps

LB Number :	LB106474	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :		Dilution Factor :	
Date & Time Acquired ::	2019-11-25 17:45:58	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	34768	34311	34892	34657	0.88	cps
Zirconium	90-1	558450	555434	546536	553473	1.12	cps
Zirconium	91-1	124245	124025	123817	124029	0.17	cps

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 17:49:53 DataFile Name : 006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	202890	204402	204176	203823	0.40	cps
Antimony	121-1	656705	633696	624827	638410	2.58	cps
Arsenic	75-2	25840	26307	26433	26193	1.19	cps
Barium	135-1	851045	823315	811111	828490	2.47	cps
Barium	137-1	1483401	1431556	1381955	1432304	3.54	cps
Beryllium	9-1	278523	274150	261980	271551	3.16	cps
Bismuth	209-1	3283521	3222053	3116398	3207324	2.64	cps
Bismuth	209-2	2136044	2132404	2150998	2139815	0.46	cps
Boron	10-1	46714	47375	45176	46422	2.43	cps
Boron	11-1	208319	207760	201697	205925	1.78	cps
Cadmium	111-1	196357	189448	184488	190098	3.14	cps
Cadmium	106-1	23529	24055	22969	23518	2.31	cps
Cadmium	108-1	14833	14170	13932	14312	3.26	cps
Calcium	43-1	310159	302804	291155	301373	3.18	cps
Calcium	44-1	4977884	4777443	4634309	4796545	3.60	cps
Chromium	52-2	246611	248909	248943	248154	0.54	cps
Cobalt	59-2	368975	369291	372228	370165	0.48	cps
Copper	63-2	480511	489119	493701	487777	1.37	cps
Dysprosium	156-1	33	50	42	42	20.00	cps
Dysprosium	156-2	20	20	27	22	17.33	cps
Erbium	164-1	42	67	25	44	47.19	cps
Erbium	164-2	33	53	73	53	37.50	cps
Gadolinium	160-1	42	58	58	53	18.23	cps
Gadolinium	160-2	160	160	120	147	15.75	cps
Holmium	165-1	6150519	6056501	5718973	5975331	3.80	cps
Holmium	165-2	3252251	3258249	3247872	3252791	0.16	cps
Indium	115-1	4647036	4511365	4368829	4509077	3.09	cps
Indium	115-2	1015008	1020129	1014588	1016575	0.30	cps
Iron	56-2	9809094	9847661	9877020	9844592	0.35	cps
Iron	57-2	254676	255099	258953	256242	0.92	cps
Krypton	83-1	517	533	477	509	5.72	cps
Lead	206-1	480388	475673	453269	469777	3.08	cps
Lead	207-1	407718	397518	384781	396672	2.90	cps
Lead	208-1	1870867	1832277	1758588	1820577	3.13	cps
Lithium	6-1	2730729	2666506	2571095	2656110	3.02	cps
Magnesium	24-2	2174311	2196122	2174801	2181745	0.57	cps

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 17:49:53 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	306339	303598	308041	305992	0.73	cps
Molybdenum	94-1	1598747	1545972	1512677	1552465	2.80	cps
Molybdenum	95-1	1960336	1904534	1852864	1905911	2.82	cps
Molybdenum	96-1	2172474	2108547	2042257	2107760	3.09	cps
Molybdenum	97-1	1214304	1187533	1137827	1179888	3.29	cps
Molybdenum	98-1	3061494	2989900	2882273	2977889	3.03	cps
Neodymium	150-1	40	67	60	56	24.98	cps
Neodymium	150-2	17	20	13	17	20.01	cps
Nickel	60-2	93878	94452	95317	94549	0.77	cps
Phosphorus	31-2	1292	1475	1367	1378	6.69	cps
Potassium	39-2	1030788	1041665	1037144	1036532	0.53	cps
Rhodium	103-1	4496165	4331812	4196609	4341528	3.46	cps
Rhodium	103-2	2157715	2133557	2123855	2138376	0.82	cps
Scandium	45-1	4347999	4189635	4032623	4190086	3.76	cps
Scandium	45-2	180208	184248	179166	181207	1.48	cps
Selenium	77-2	837	787	830	818	3.32	cps
Selenium	78-2	2765	2848	2856	2823	1.79	cps
Selenium	82-1	17433	17101	16355	16963	3.25	cps
Silicon	28-1	1195735	1201361	1186346	1194481	0.64	cps
Silver	109-1	831745	821634	801384	818254	1.89	cps
Silver	107-1	860940	862144	827980	850355	2.28	cps
Sodium	23-2	4339081	4325433	4370423	4344979	0.53	cps
Strontium	86-1	250722	241156	234384	242087	3.39	cps
Strontium	88-1	2118370	2049134	1977495	2048333	3.44	cps
Sulfur	34-1	335885	329025	325244	330051	1.63	cps
Terbium	159-1	6408935	6159001	5973444	6180460	3.54	cps
Terbium	159-2	3215856	3233581	3218502	3222647	0.30	cps
Thallium	203-1	584469	572079	551331	569293	2.94	cps
Thallium	205-1	1359499	1346211	1282091	1329267	3.11	cps
Thorium	232-1	24852	23689	23288	23943	3.39	cps
Tin	118-1	581169	574405	550679	568751	2.82	cps
Titanium	47-1	669616	657011	629011	651879	3.19	cps
Uranium	238-1	1823323	1772720	1692937	1762993	3.73	cps
Vanadium	51-2	204488	204866	210023	206459	1.50	cps
Yttrium	89-1	6639356	6444788	6238638	6440928	3.11	cps
Yttrium	89-2	976237	986119	963594	975317	1.16	cps

LB Number :	LB106474	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :		Dilution Factor :	
Date & Time Acquired ::	2019-11-25 17:49:53	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	79867	81070	82163	81033	1.42	cps
Zirconium	90-1	1338004	1293725	1250058	1293929	3.40	cps
Zirconium	91-1	301069	289326	285223	291872	2.82	cps

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 17:53:43 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	393957	388003	389566	390509	0.79	cps
Antimony	121-1	1324598	1326319	1336292	1329069	0.48	cps
Arsenic	75-2	50405	49690	49889	49995	0.74	cps
Barium	135-1	1734423	1749633	1730307	1738121	0.59	cps
Barium	137-1	2960766	2983558	2970433	2971586	0.38	cps
Beryllium	9-1	551075	557190	550689	552985	0.66	cps
Bismuth	209-1	3338559	3333400	3352799	3341586	0.30	cps
Bismuth	209-2	1620872	2207341	2161066	1996427	16.33	cps
Boron	10-1	91401	92072	94755	92742	1.91	cps
Boron	11-1	410671	421410	422944	418342	1.60	cps
Cadmium	111-1	387432	389849	388849	388710	0.31	cps
Cadmium	106-1	47982	46477	45023	46494	3.18	cps
Cadmium	108-1	30137	30099	29828	30021	0.56	cps
Calcium	43-1	619314	624004	619436	620918	0.43	cps
Calcium	44-1	9808278	9826595	9852204	9829026	0.22	cps
Chromium	52-2	475709	475218	478067	476331	0.32	cps
Cobalt	59-2	706244	701748	704206	704066	0.32	cps
Copper	63-2	930168	913163	929888	924406	1.05	cps
Dysprosium	156-1	33	33	67	44	43.31	cps
Dysprosium	156-2	43	47	57	49	14.20	cps
Erbium	164-1	42	50	58	50	16.67	cps
Erbium	164-2	23	63	53	47	44.61	cps
Gadolinium	160-1	83	33	50	56	45.83	cps
Gadolinium	160-2	123	123	133	127	4.56	cps
Holmium	165-1	6272804	6357397	6369431	6333210	0.83	cps
Holmium	165-2	2492676	3413916	3265281	3057291	16.18	cps
Indium	115-1	4672297	4668755	4667144	4669399	0.06	cps
Indium	115-2	750836	1037594	1000678	929703	16.78	cps
Iron	56-2	18986541	18681323	18743798	18803887	0.86	cps
Iron	57-2	496721	493003	493491	494405	0.41	cps
Krypton	83-1	483	447	530	487	8.58	cps
Lead	206-1	999074	996489	989363	994975	0.51	cps
Lead	207-1	833059	828531	832921	831504	0.31	cps
Lead	208-1	3825081	3796244	3804045	3808457	0.39	cps
Lithium	6-1	2741332	2744457	2728971	2738254	0.30	cps
Magnesium	24-2	4142200	4100628	4139410	4127412	0.56	cps

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 17:53:43 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	588823	586229	581947	585666	0.59	cps
Molybdenum	94-1	3182907	3151034	3205129	3179690	0.86	cps
Molybdenum	95-1	3880617	3866747	3883094	3876819	0.23	cps
Molybdenum	96-1	4289096	4265058	4265651	4273268	0.32	cps
Molybdenum	97-1	2438854	2409222	2448085	2432054	0.83	cps
Molybdenum	98-1	6333614	6318074	6357851	6336513	0.32	cps
Neodymium	150-1	113	140	100	118	17.30	cps
Neodymium	150-2	20	20	13	18	21.66	cps
Nickel	60-2	180969	180052	181024	180681	0.30	cps
Phosphorus	31-2	2950	2750	2559	2753	7.11	cps
Potassium	39-2	1960759	1951095	1966711	1959522	0.40	cps
Rhodium	103-1	4515825	4481845	4416171	4471280	1.13	cps
Rhodium	103-2	1597299	2182884	2103929	1961371	16.20	cps
Scandium	45-1	4277140	4269961	4254243	4267115	0.27	cps
Scandium	45-2	133149	180815	177432	163799	16.24	cps
Selenium	77-2	1603	1450	1543	1532	5.04	cps
Selenium	78-2	5223	5164	5212	5200	0.61	cps
Selenium	82-1	34228	34280	33965	34158	0.49	cps
Silicon	28-1	2198019	2200332	2232120	2210157	0.86	cps
Silver	109-1	1668620	1651047	1663421	1661029	0.54	cps
Silver	107-1	1748145	1761677	1729596	1746472	0.92	cps
Sodium	23-2	8508991	8405070	8446801	8453621	0.62	cps
Strontium	86-1	507769	503057	501915	504247	0.62	cps
Strontium	88-1	4169294	4140309	4153262	4154288	0.35	cps
Sulfur	34-1	329552	325288	326054	326964	0.70	cps
Terbium	159-1	6548798	6565474	6566938	6560403	0.15	cps
Terbium	159-2	2436780	3378510	3252407	3022566	16.91	cps
Thallium	203-1	1192340	1195115	1212403	1199953	0.91	cps
Thallium	205-1	2775660	2788966	2811133	2791920	0.64	cps
Thorium	232-1	91446	93405	92056	92302	1.09	cps
Tin	118-1	1171607	1178643	1191173	1180474	0.84	cps
Titanium	47-1	1330499	1346960	1314648	1330702	1.21	cps
Uranium	238-1	3669501	3718308	3742925	3710245	1.01	cps
Vanadium	51-2	395435	393236	399444	396038	0.79	cps
Yttrium	89-1	6684980	6688392	6717741	6697037	0.27	cps
Yttrium	89-2	723144	986686	954110	887980	16.18	cps

LB Number :	LB106474	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :		Dilution Factor :	
Date & Time Acquired ::	2019-11-25 17:53:43	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	153942	153019	153548	153503	0.30	cps
Zirconium	90-1	2658836	2656667	2678981	2664828	0.46	cps
Zirconium	91-1	604625	600489	606333	603816	0.50	cps

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 17:57:32 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	777170	781240	760446	772952	1.43	cps
Antimony	121-1	2540868	2555671	2543693	2546744	0.31	cps
Arsenic	75-2	100505	99642	99098	99748	0.71	cps
Barium	135-1	3317659	3359876	3320648	3332728	0.71	cps
Barium	137-1	5946429	5864028	5968296	5926251	0.93	cps
Beryllium	9-1	1064528	1057559	1060495	1060861	0.33	cps
Bismuth	209-1	3242495	3231576	3229920	3234664	0.21	cps
Bismuth	209-2	2098402	2135029	2118611	2117347	0.87	cps
Boron	10-1	177219	177186	183020	179142	1.88	cps
Boron	11-1	785713	791689	809524	795642	1.56	cps
Cadmium	111-1	739039	733720	744898	739219	0.76	cps
Cadmium	106-1	88233	86723	87511	87489	0.86	cps
Cadmium	108-1	58379	58177	57759	58105	0.54	cps
Calcium	43-1	1193777	1193994	1195406	1194392	0.07	cps
Calcium	44-1	18843602	18797301	18991735	18877546	0.54	cps
Chromium	52-2	940307	947163	943399	943623	0.36	cps
Cobalt	59-2	1380903	1399409	1400339	1393550	0.79	cps
Copper	63-2	1786375	1804324	1798925	1796541	0.51	cps
Dysprosium	156-1	67	75	83	75	11.11	cps
Dysprosium	156-2	100	87	67	84	19.87	cps
Erbium	164-1	33	33	33	33	0.00	cps
Erbium	164-2	43	47	63	51	20.96	cps
Gadolinium	160-1	92	50	33	58	51.51	cps
Gadolinium	160-2	157	183	137	159	14.74	cps
Holmium	165-1	6261139	6197554	6360728	6273141	1.31	cps
Holmium	165-2	3313110	3320129	3308579	3313940	0.18	cps
Indium	115-1	4520375	4501253	4517593	4513074	0.23	cps
Indium	115-2	991718	1005810	994307	997278	0.75	cps
Iron	56-2	37715583	37911116	37330395	37652365	0.78	cps
Iron	57-2	972603	981542	978784	977643	0.47	cps
Krypton	83-1	437	457	433	442	2.85	cps
Lead	206-1	1871519	1874580	1909704	1885268	1.13	cps
Lead	207-1	1581633	1581692	1585732	1583019	0.15	cps
Lead	208-1	7245416	7181753	7222089	7216419	0.45	cps
Lithium	6-1	2652008	2626852	2636553	2638471	0.48	cps
Magnesium	24-2	8443454	8519319	8355085	8439286	0.97	cps

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 17:57:32 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1155551	1169380	1152952	1159294	0.76	cps
Molybdenum	94-1	6418017	6295373	6421430	6378273	1.13	cps
Molybdenum	95-1	7956022	7853509	7906213	7905248	0.65	cps
Molybdenum	96-1	8662023	8590154	8683902	8645359	0.57	cps
Molybdenum	97-1	4848224	4866232	4893794	4869416	0.47	cps
Molybdenum	98-1	12305328	12206625	12350237	12287397	0.60	cps
Neodymium	150-1	287	327	320	311	6.89	cps
Neodymium	150-2	57	50	53	53	6.25	cps
Nickel	60-2	355369	358312	354995	356225	0.51	cps
Phosphorus	31-2	4918	5126	5068	5037	2.13	cps
Potassium	39-2	3836077	3889475	3816608	3847386	0.98	cps
Rhodium	103-1	4304155	4234641	4239807	4259534	0.91	cps
Rhodium	103-2	2105585	2114517	2096825	2105643	0.42	cps
Scandium	45-1	4123010	4097631	4139253	4119965	0.51	cps
Scandium	45-2	178865	180705	179308	179626	0.53	cps
Selenium	77-2	3064	3064	3044	3057	0.38	cps
Selenium	78-2	10211	10230	10120	10187	0.57	cps
Selenium	82-1	64954	65089	65469	65171	0.41	cps
Silicon	28-1	4042715	4028821	4108991	4060176	1.06	cps
Silver	109-1	3114097	3110357	3092308	3105588	0.38	cps
Silver	107-1	3257847	3232763	3257433	3249348	0.44	cps
Sodium	23-2	16881143	17133397	16744552	16919698	1.17	cps
Strontium	86-1	969493	966970	981557	972673	0.80	cps
Strontium	88-1	8453653	8410569	8551651	8471958	0.85	cps
Sulfur	34-1	340988	332715	337628	337110	1.23	cps
Terbium	159-1	6432324	6416418	6444174	6430972	0.22	cps
Terbium	159-2	3258632	3276108	3257199	3263980	0.32	cps
Thallium	203-1	2290312	2267887	2290951	2283050	0.58	cps
Thallium	205-1	5559350	5563573	5656327	5593083	0.98	cps
Thorium	232-1	112020	110782	111829	111543	0.60	cps
Tin	118-1	2260040	2280159	2255523	2265241	0.58	cps
Titanium	47-1	2539521	2532460	2543790	2538590	0.23	cps
Uranium	238-1	7659613	7463260	7515555	7546143	1.35	cps
Vanadium	51-2	794752	801923	789773	795482	0.77	cps
Yttrium	89-1	6524972	6428887	6560552	6504804	1.05	cps
Yttrium	89-2	960855	968361	969946	966387	0.50	cps

LB Number :	LB106474	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :		Dilution Factor :	
Date & Time Acquired ::	2019-11-25 17:57:32	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	301194	300961	297441	299865	0.70	cps
Zirconium	90-1	5366695	5298882	5363030	5342869	0.71	cps
Zirconium	91-1	1180476	1176034	1171370	1175960	0.39	cps

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 18:01:18 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1468682	1478707	1486045	1477811	0.59	cps
Antimony	121-1	5192969	5113511	5077419	5127966	1.15	cps
Arsenic	75-2	188341	189009	189923	189091	0.42	cps
Barium	135-1	6823558	6769839	6711363	6768254	0.83	cps
Barium	137-1	12001748	11858327	11629701	11829925	1.59	cps
Beryllium	9-1	2045791	2045026	2012530	2034449	0.93	cps
Bismuth	209-1	3195997	3099528	3103742	3133089	1.74	cps
Bismuth	209-2	1974978	2025885	2035287	2012050	1.61	cps
Boron	10-1	344877	348537	347585	347000	0.55	cps
Boron	11-1	1529916	1531186	1527558	1529554	0.12	cps
Cadmium	111-1	1477570	1440122	1422877	1446856	1.93	cps
Cadmium	106-1	171715	175103	169495	172104	1.64	cps
Cadmium	108-1	114529	113072	111632	113078	1.28	cps
Calcium	43-1	2339421	2301394	2269978	2303598	1.51	cps
Calcium	44-1	37671494	37445788	36880276	37332519	1.09	cps
Chromium	52-2	1772318	1789387	1793737	1785147	0.63	cps
Cobalt	59-2	2563017	2597096	2604270	2588128	0.85	cps
Copper	63-2	3483705	3551209	3585519	3540145	1.46	cps
Dysprosium	156-1	158	200	133	164	20.55	cps
Dysprosium	156-2	197	113	183	164	27.22	cps
Erbium	164-1	67	75	50	64	19.92	cps
Erbium	164-2	50	60	53	54	9.35	cps
Gadolinium	160-1	125	58	108	97	35.68	cps
Gadolinium	160-2	147	137	120	134	10.02	cps
Holmium	165-1	6308714	6248345	6247202	6268087	0.56	cps
Holmium	165-2	3216664	3238241	3230842	3228582	0.34	cps
Indium	115-1	4472508	4439346	4367400	4426418	1.21	cps
Indium	115-2	946885	944414	955142	948814	0.59	cps
Iron	56-2	71348867	71916729	72548685	71938094	0.83	cps
Iron	57-2	1823940	1855133	1861759	1846944	1.09	cps
Krypton	83-1	537	580	507	541	6.81	cps
Lead	206-1	3634532	3585414	3537697	3585881	1.35	cps
Lead	207-1	3025599	3016193	2975779	3005857	0.88	cps
Lead	208-1	14343718	14248359	14039354	14210477	1.10	cps
Lithium	6-1	2622960	2598995	2565688	2595881	1.11	cps
Magnesium	24-2	16139063	15977518	16180767	16099116	0.67	cps

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 18:01:18 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2146049	2186390	2190727	2174389	1.13	cps
Molybdenum	94-1	12786083	12677998	12570683	12678255	0.85	cps
Molybdenum	95-1	15795842	15745940	15431851	15657878	1.26	cps
Molybdenum	96-1	17396822	17236121	17081020	17237988	0.92	cps
Molybdenum	97-1	9815479	9605250	9493024	9637918	1.70	cps
Molybdenum	98-1	24833462	24608786	24192283	24544844	1.33	cps
Neodymium	150-1	513	607	507	542	10.31	cps
Neodymium	150-2	50	70	53	58	18.55	cps
Nickel	60-2	657992	660297	670447	662912	1.00	cps
Phosphorus	31-2	8736	8486	8261	8494	2.80	cps
Potassium	39-2	7517920	7589180	7565785	7557628	0.48	cps
Rhodium	103-1	4211658	4180260	4083155	4158358	1.61	cps
Rhodium	103-2	1974307	1991616	2010373	1992099	0.91	cps
Scandium	45-1	4140967	4103033	4075233	4106411	0.80	cps
Scandium	45-2	171737	175915	175520	174390	1.32	cps
Selenium	77-2	5681	5735	5841	5752	1.42	cps
Selenium	78-2	19406	19415	19411	19411	0.02	cps
Selenium	82-1	127362	124688	124342	125464	1.32	cps
Silicon	28-1	7542144	7453790	7436215	7477383	0.76	cps
Silver	109-1	6591966	6471157	6477984	6513702	1.04	cps
Silver	107-1	6881372	6691052	6752290	6774905	1.43	cps
Sodium	23-2	32449777	32422841	32460677	32444432	0.06	cps
Strontium	86-1	1911283	1882620	1859087	1884330	1.39	cps
Strontium	88-1	16790809	16693881	16429952	16638214	1.12	cps
Sulfur	34-1	372211	371764	364026	369334	1.25	cps
Terbium	159-1	6500350	6436117	6345289	6427252	1.21	cps
Terbium	159-2	3158197	3174257	3190334	3174263	0.51	cps
Thallium	203-1	4685353	4611420	4620870	4639214	0.87	cps
Thallium	205-1	11187201	11013087	10884865	11028384	1.38	cps
Thorium	232-1	57373	54053	53612	55013	3.74	cps
Tin	118-1	4582209	4267292	4504008	4451170	3.68	cps
Titanium	47-1	5170454	5191822	5134049	5165442	0.57	cps
Uranium	238-1	15219348	15110939	14885794	15072027	1.13	cps
Vanadium	51-2	1503426	1515937	1526445	1515269	0.76	cps
Yttrium	89-1	6610362	6547811	6423594	6527255	1.46	cps
Yttrium	89-2	927266	931662	934452	931127	0.39	cps

LB Number :	LB106474	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :		Dilution Factor :	
Date & Time Acquired ::	2019-11-25 18:01:18	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	607125	614203	619791	613707	1.03	cps
Zirconium	90-1	10662633	10637030	10535463	10611709	0.63	cps
Zirconium	91-1	2300817	2302908	2260279	2288001	1.05	cps

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 18:05:03 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6681071	6625268	6647679	6651339	0.42	cps
Antimony	121-1	4451	5134	4993	4859	7.42	cps
Arsenic	75-2	61	63	85	70	19.21	cps
Barium	135-1	1033	1008	917	986	6.23	cps
Barium	137-1	1800	1900	1925	1875	3.53	cps
Beryllium	9-1	206	217	189	204	6.86	cps
Bismuth	209-1	2602384	2607735	2564345	2591488	0.91	cps
Bismuth	209-2	1666716	1678808	1681522	1675682	0.47	cps
Boron	10-1	6568	5876	5735	6060	7.36	cps
Boron	11-1	27267	25430	24045	25581	6.32	cps
Cadmium	111-1	1926	1896	1813	1879	3.12	cps
Cadmium	106-1	2342	2359	2217	2306	3.36	cps
Cadmium	108-1	25	13	38	25	50.00	cps
Calcium	43-1	10678569	10666971	10510539	10618693	0.88	cps
Calcium	44-1	170387991	168532383	169104725	169341700	0.56	cps
Chromium	52-2	45594	44347	44119	44687	1.78	cps
Cobalt	59-2	4784	5144	4731	4886	4.60	cps
Copper	63-2	4984	4764	4761	4836	2.65	cps
Dysprosium	156-1	42	25	33	33	25.01	cps
Dysprosium	156-2	37	23	27	29	24.03	cps
Erbium	164-1	67	42	25	44	47.19	cps
Erbium	164-2	53	73	40	56	30.20	cps
Gadolinium	160-1	75	17	67	53	59.77	cps
Gadolinium	160-2	127	133	140	133	5.00	cps
Holmium	165-1	5689064	5674738	5540837	5634880	1.45	cps
Holmium	165-2	2906933	2934642	2912495	2918023	0.50	cps
Indium	115-1	3973366	3956990	3900685	3943680	0.97	cps
Indium	115-2	864532	871506	874520	870186	0.59	cps
Iron	56-2	327945663	323262518	322791896	324666692	0.88	cps
Iron	57-2	8605700	8546389	8476117	8542735	0.76	cps
Krypton	83-1	467	483	473	474	1.77	cps
Lead	206-1	11639	11439	11583	11553	0.89	cps
Lead	207-1	10004	10277	9748	10010	2.64	cps
Lead	208-1	44318	43996	44135	44150	0.37	cps
Lithium	6-1	2359198	2351109	2330927	2347078	0.62	cps
Magnesium	24-2	72870093	72507993	72928643	72768910	0.31	cps

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 18:05:03 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7255	7299	7235	7263	0.45	cps
Molybdenum	94-1	9520	9637	8678	9278	5.64	cps
Molybdenum	95-1	14900	14324	13790	14338	3.87	cps
Molybdenum	96-1	22160	21141	20958	21420	3.02	cps
Molybdenum	97-1	9370	9070	8378	8939	5.69	cps
Molybdenum	98-1	23245	22118	22059	22474	2.97	cps
Neodymium	150-1	60	53	80	64	21.53	cps
Neodymium	150-2	27	23	23	24	7.89	cps
Nickel	60-2	12155	12035	11932	12041	0.93	cps
Phosphorus	31-2	117	92	83	97	17.84	cps
Potassium	39-2	35866372	35873163	35305656	35681730	0.91	cps
Rhodium	103-1	3567176	3563108	3505166	3545150	0.98	cps
Rhodium	103-2	1698589	1713393	1715653	1709212	0.54	cps
Scandium	45-1	3783976	3767593	3737096	3762888	0.63	cps
Scandium	45-2	165280	163816	164529	164542	0.45	cps
Selenium	77-2	3	7	7	6	34.70	cps
Selenium	78-2	52	46	44	48	8.11	cps
Selenium	82-1	169	202	158	176	13.05	cps
Silicon	28-1	828545	834470	829374	830796	0.39	cps
Silver	109-1	567	858	792	739	20.68	cps
Silver	107-1	892	858	683	811	13.80	cps
Sodium	23-2	143162549	142439166	140749182	142116966	0.87	cps
Strontium	86-1	8511	8186	7427	8041	6.92	cps
Strontium	88-1	64178	63834	63123	63711	0.84	cps
Sulfur	34-1	281877	285444	286826	284716	0.90	cps
Terbium	159-1	5843825	5730037	5675006	5749623	1.50	cps
Terbium	159-2	2875011	2900326	2895891	2890410	0.47	cps
Thallium	203-1	1025	1025	1167	1072	7.63	cps
Thallium	205-1	2292	2150	2050	2164	5.61	cps
Thorium	232-1	1389	1389	1472	1417	3.40	cps
Tin	118-1	3717	3742	3776	3745	0.78	cps
Titanium	47-1	1467	1442	1675	1528	8.39	cps
Uranium	238-1	2592	2825	2725	2714	4.31	cps
Vanadium	51-2	400	397	400	399	0.48	cps
Yttrium	89-1	6080703	6033866	5952384	6022318	1.08	cps
Yttrium	89-2	888404	893959	886385	889582	0.44	cps

LB Number :	LB106474	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :		Dilution Factor :	
Date & Time Acquired ::	2019-11-25 18:05:03	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	6225	5878	5895	5999	3.26	cps
Zirconium	90-1	2367	2642	2325	2445	7.04	cps
Zirconium	91-1	442	642	525	536	18.74	cps

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 18:13:54 DataFile Name : 011ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	38216	37172	37991	37793	1.45	cps
Antimony	121-1	1039090	1018764	1027468	1028440	0.99	cps
Arsenic	75-2	42231	42367	42228	42275	0.19	cps
Barium	135-1	139477	137794	137965	138412	0.67	cps
Barium	137-1	238650	236231	238772	237884	0.60	cps
Beryllium	9-1	213942	210979	214889	213270	0.96	cps
Bismuth	209-1	3238976	3179285	3233041	3217101	1.02	cps
Bismuth	209-2	2100923	2138000	2152342	2130422	1.25	cps
Boron	10-1	2284	2125	2017	2142	6.26	cps
Boron	11-1	10154	9712	9729	9865	2.54	cps
Cadmium	111-1	151473	149879	150744	150699	0.53	cps
Cadmium	106-1	15693	15726	15267	15562	1.64	cps
Cadmium	108-1	10087	9574	9762	9808	2.65	cps
Calcium	43-1	51365	49200	51156	50574	2.36	cps
Calcium	44-1	826093	818643	826774	823837	0.55	cps
Chromium	52-2	195453	195461	195160	195358	0.09	cps
Cobalt	59-2	299254	300617	299490	299787	0.24	cps
Copper	63-2	200375	202022	200592	200996	0.45	cps
Dysprosium	156-1	33	17	33	28	34.63	cps
Dysprosium	156-2	20	13	30	21	39.75	cps
Erbium	164-1	92	75	58	75	22.22	cps
Erbium	164-2	80	73	53	69	20.15	cps
Gadolinium	160-1	17	67	67	50	57.73	cps
Gadolinium	160-2	163	177	103	148	26.43	cps
Holmium	165-1	6191594	6075741	6306190	6191175	1.86	cps
Holmium	165-2	3221810	3252274	3279043	3251042	0.88	cps
Indium	115-1	4669459	4613506	4717085	4666683	1.11	cps
Indium	115-2	1028705	1039531	1038246	1035494	0.57	cps
Iron	56-2	3540117	3562214	3594650	3565660	0.77	cps
Iron	57-2	92747	93480	92076	92768	0.76	cps
Krypton	83-1	520	493	527	513	3.44	cps
Lead	206-1	811596	808104	814778	811492	0.41	cps
Lead	207-1	679738	664473	670999	671737	1.14	cps
Lead	208-1	3126776	3055058	3108808	3096880	1.20	cps
Lithium	6-1	2717399	2656582	2696965	2690315	1.15	cps
Magnesium	24-2	215512	216020	217524	216352	0.48	cps

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 18:13:54 DataFile Name : 011ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	118604	121796	119037	119812	1.45	cps
Molybdenum	94-1	2534	2525	2659	2573	2.90	cps
Molybdenum	95-1	3951	3826	4276	4017	5.78	cps
Molybdenum	96-1	4051	4509	4051	4204	6.30	cps
Molybdenum	97-1	2484	2459	2625	2523	3.56	cps
Molybdenum	98-1	6302	6485	5985	6257	4.04	cps
Neodymium	150-1	13	7	20	13	49.99	cps
Neodymium	150-2	3	3	10	6	69.34	cps
Nickel	60-2	75955	77386	77085	76809	0.98	cps
Phosphorus	31-2	117	92	108	106	12.06	cps
Potassium	39-2	349697	357724	354755	354059	1.15	cps
Rhodium	103-1	4541728	4433982	4587181	4520964	1.74	cps
Rhodium	103-2	2179476	2206733	2200595	2195601	0.65	cps
Scandium	45-1	4313660	4230119	4313876	4285885	1.13	cps
Scandium	45-2	184766	186133	187416	186105	0.71	cps
Selenium	77-2	1163	1290	1243	1232	5.20	cps
Selenium	78-2	4347	4364	4319	4343	0.52	cps
Selenium	82-1	27490	26941	26821	27084	1.32	cps
Silicon	28-1	189805	194041	189721	191189	1.29	cps
Silver	109-1	698718	685676	690666	691687	0.95	cps
Silver	107-1	722969	728119	721609	724232	0.47	cps
Sodium	23-2	717228	720719	721779	719908	0.33	cps
Strontium	86-1	6085	6135	5910	6043	1.96	cps
Strontium	88-1	46627	46259	46025	46304	0.66	cps
Sulfur	34-1	325414	316583	319934	320643	1.39	cps
Terbium	159-1	6400247	6353665	6423094	6392336	0.55	cps
Terbium	159-2	3230440	3248195	3246463	3241700	0.30	cps
Thallium	203-1	1021099	1019087	1040043	1026743	1.13	cps
Thallium	205-1	2408193	2362097	2405217	2391836	1.08	cps
Thorium	232-1	1200	1378	1161	1246	9.27	cps
Tin	118-1	4776	5110	4676	4854	4.68	cps
Titanium	47-1	1225	1208	1267	1233	2.44	cps
Uranium	238-1	2259	2350	2059	2223	6.71	cps
Vanadium	51-2	163245	164654	165625	164508	0.73	cps
Yttrium	89-1	6697479	6638312	6762416	6699402	0.93	cps
Yttrium	89-2	987542	1002427	994320	994763	0.75	cps

LB Number :	LB106474	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :		Dilution Factor :	
Date & Time Acquired ::	2019-11-25 18:13:54	DataFile Name :	011ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	66246	66099	66484	66276	0.29	cps
Zirconium	90-1	817	917	925	886	6.80	cps
Zirconium	91-1	417	408	383	403	4.31	cps

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 18:18:11 DataFile Name : 012CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	58	67	67	12.49	cps
Antimony	121-1	733	775	917	808	11.89	cps
Arsenic	75-2	4	7	15	9	65.47	cps
Barium	135-1	67	58	58	61	7.87	cps
Barium	137-1	33	100	83	72	48.05	cps
Beryllium	9-1	72	83	122	93	28.36	cps
Bismuth	209-1	3169050	3072846	3094657	3112184	1.62	cps
Bismuth	209-2	2131978	2100925	2136719	2123208	0.92	cps
Boron	10-1	1900	1742	1842	1828	4.38	cps
Boron	11-1	7777	7677	7419	7624	2.43	cps
Cadmium	111-1	1670	1545	1534	1583	4.77	cps
Cadmium	106-1	2359	2200	2159	2239	4.71	cps
Cadmium	108-1	8	17	8	11	43.34	cps
Calcium	43-1	183	233	192	203	13.21	cps
Calcium	44-1	7611	7486	7861	7652	2.50	cps
Chromium	52-2	630	597	667	631	5.55	cps
Cobalt	59-2	80	73	77	77	4.35	cps
Copper	63-2	353	280	330	321	11.67	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	20	20	27	22	17.33	cps
Erbium	164-1	33	25	58	39	44.61	cps
Erbium	164-2	53	23	17	31	62.77	cps
Gadolinium	160-1	42	58	17	39	53.93	cps
Gadolinium	160-2	113	173	143	143	20.93	cps
Holmium	165-1	5987295	6009646	5934509	5977150	0.65	cps
Holmium	165-2	3214496	3201969	3242297	3219587	0.64	cps
Indium	115-1	4597966	4586690	4496513	4560390	1.22	cps
Indium	115-2	1037619	1036855	1041521	1038665	0.24	cps
Iron	56-2	7341	6941	7474	7252	3.83	cps
Iron	57-2	372	350	350	357	3.59	cps
Krypton	83-1	493	497	527	506	3.63	cps
Lead	206-1	706	650	739	698	6.43	cps
Lead	207-1	550	633	656	613	9.08	cps
Lead	208-1	2472	2522	2472	2489	1.16	cps
Lithium	6-1	2659843	2618522	2586172	2621513	1.41	cps
Magnesium	24-2	658	775	500	644	21.42	cps

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 18:18:11 DataFile Name : 012CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	57	73	87	72	20.81	cps
Molybdenum	94-1	317	283	350	317	10.53	cps
Molybdenum	95-1	317	467	375	386	19.58	cps
Molybdenum	96-1	317	350	458	375	19.75	cps
Molybdenum	97-1	233	175	275	228	22.05	cps
Molybdenum	98-1	408	492	517	472	12.01	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	3	13	3	7	86.65	cps
Nickel	60-2	23	23	20	22	8.65	cps
Phosphorus	31-2	100	125	108	111	11.46	cps
Potassium	39-2	20682	19847	20064	20198	2.14	cps
Rhodium	103-1	4430759	4410454	4414728	4418647	0.24	cps
Rhodium	103-2	2214285	2190217	2216799	2207100	0.66	cps
Scandium	45-1	4210277	4160187	4131234	4167233	0.96	cps
Scandium	45-2	188179	185885	187664	187242	0.64	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	43	57	48	49	15.16	cps
Selenium	82-1	102	98	46	82	37.95	cps
Silicon	28-1	177448	173386	172711	174515	1.47	cps
Silver	109-1	142	142	125	136	7.07	cps
Silver	107-1	158	142	108	136	18.70	cps
Sodium	23-2	19981	20565	20607	20384	1.72	cps
Strontium	86-1	733	792	875	800	8.90	cps
Strontium	88-1	125	92	108	108	15.39	cps
Sulfur	34-1	313780	314496	318841	315706	0.87	cps
Terbium	159-1	6237852	6152361	6087152	6159122	1.23	cps
Terbium	159-2	3217998	3190048	3215344	3207797	0.48	cps
Thallium	203-1	500	500	458	486	4.95	cps
Thallium	205-1	875	817	808	833	4.36	cps
Thorium	232-1	1500	1367	1161	1343	12.72	cps
Tin	118-1	550	575	667	597	10.28	cps
Titanium	47-1	150	125	100	125	20.00	cps
Uranium	238-1	1709	1592	1817	1706	6.60	cps
Vanadium	51-2	10	10	7	9	21.63	cps
Yttrium	89-1	6609719	6442397	6430735	6494284	1.54	cps
Yttrium	89-2	982700	984573	988244	985172	0.29	cps

LB Number :	LB106474	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :		Dilution Factor :	
Date & Time Acquired ::	2019-11-25 18:18:11	DataFile Name :	012CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	217	303	310	277	18.82	cps
Zirconium	90-1	492	383	508	461	14.72	cps
Zirconium	91-1	83	83	83	83	0.00	cps

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 18:21:46 DataFile Name : 013ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6669936	6826664	6851789	6782797	1.45	cps
Antimony	121-1	6043	6118	6377	6179	2.83	cps
Arsenic	75-2	72	57	76	69	14.30	cps
Barium	135-1	1784	2050	1909	1914	6.97	cps
Barium	137-1	2834	3576	3526	3312	12.52	cps
Beryllium	9-1	611	650	522	594	11.02	cps
Bismuth	209-1	2915185	2945780	2990398	2950454	1.28	cps
Bismuth	209-2	1946447	2007579	2021352	1991793	2.00	cps
Boron	10-1	1834	1792	1600	1742	7.15	cps
Boron	11-1	7727	8186	8044	7986	2.94	cps
Cadmium	111-1	2319	2186	2240	2248	2.96	cps
Cadmium	106-1	2342	2134	2109	2195	5.84	cps
Cadmium	108-1	1708	1558	1588	1618	4.92	cps
Calcium	43-1	2225540	2259339	2278486	2254455	1.19	cps
Calcium	44-1	36126083	37296670	37434682	36952478	1.95	cps
Chromium	52-2	37591	38584	38347	38174	1.36	cps
Cobalt	59-2	3577	3567	3460	3535	1.83	cps
Copper	63-2	15081	14988	15035	15035	0.31	cps
Dysprosium	156-1	50	25	42	39	32.73	cps
Dysprosium	156-2	30	33	40	34	14.78	cps
Erbium	164-1	117	33	33	61	78.74	cps
Erbium	164-2	53	17	57	42	52.56	cps
Gadolinium	160-1	108	50	100	86	36.64	cps
Gadolinium	160-2	153	160	150	154	3.30	cps
Holmium	165-1	5932194	6100949	6207416	6080186	2.28	cps
Holmium	165-2	3126372	3200020	3169682	3165358	1.17	cps
Indium	115-1	4283946	4368380	4450810	4367712	1.91	cps
Indium	115-2	951578	982390	982766	972245	1.84	cps
Iron	56-2	147069976	149063998	148069081	148067685	0.67	cps
Iron	57-2	3630317	3739902	3764055	3711425	1.92	cps
Krypton	83-1	450	413	413	426	4.97	cps
Lead	206-1	17979	17640	18018	17879	1.16	cps
Lead	207-1	12351	13268	13452	13023	4.53	cps
Lead	208-1	62631	63271	64267	63390	1.30	cps
Lithium	6-1	2524855	2560635	2568864	2551452	0.92	cps
Magnesium	24-2	16385406	16665779	16798498	16616561	1.27	cps

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 18:21:46 DataFile Name : 013ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	8863	9527	9183	9191	3.61	cps
Molybdenum	94-1	3071425	3202424	3203539	3159129	2.40	cps
Molybdenum	95-1	5673938	5923199	5947745	5848294	2.59	cps
Molybdenum	96-1	6030391	6279930	6284648	6198323	2.35	cps
Molybdenum	97-1	3335512	3415516	3430282	3393770	1.50	cps
Molybdenum	98-1	8861806	9096513	9223314	9060544	2.02	cps
Neodymium	150-1	27	13	33	24	41.66	cps
Neodymium	150-2	3	23	10	12	83.33	cps
Nickel	60-2	3777	3977	3964	3906	2.86	cps
Phosphorus	31-2	417049	425564	423250	421954	1.04	cps
Potassium	39-2	15684792	15886542	15873755	15815029	0.71	cps
Rhodium	103-1	3972403	4037104	4070013	4026507	1.23	cps
Rhodium	103-2	1981776	2042494	2031474	2018582	1.60	cps
Scandium	45-1	4047231	4168213	4153926	4123123	1.60	cps
Scandium	45-2	180344	181582	184763	182230	1.25	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	56	39	52	49	17.95	cps
Selenium	82-1	113	153	163	143	18.59	cps
Silicon	28-1	293824	297236	299739	296933	1.00	cps
Silver	109-1	658	683	667	669	1.90	cps
Silver	107-1	658	875	758	764	14.20	cps
Sodium	23-2	32211433	33099437	32783312	32698061	1.38	cps
Strontium	86-1	67267	67585	67911	67587	0.48	cps
Strontium	88-1	563610	573906	585070	574195	1.87	cps
Sulfur	34-1	4487008	4704251	4717998	4636419	2.79	cps
Terbium	159-1	6147626	6288997	6356970	6264531	1.70	cps
Terbium	159-2	3119687	3183701	3134588	3145992	1.06	cps
Thallium	203-1	3084	3317	3100	3167	4.11	cps
Thallium	205-1	7419	8070	6794	7427	8.59	cps
Thorium	232-1	1361	1306	1206	1291	6.11	cps
Tin	118-1	1709	1583	1442	1578	8.46	cps
Titanium	47-1	1998511	2041774	2033611	2024632	1.14	cps
Uranium	238-1	2117	2000	1959	2025	4.05	cps
Vanadium	51-2	270	290	270	277	4.17	cps
Yttrium	89-1	6331803	6423372	6533866	6429680	1.57	cps
Yttrium	89-2	943978	956295	961031	953768	0.92	cps

LB Number :	LB106474	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :		Dilution Factor :	
Date & Time Acquired ::	2019-11-25 18:21:46	DataFile Name :	013ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3584	3584	3460	3543	2.01	cps
Zirconium	90-1	758	617	850	742	15.85	cps
Zirconium	91-1	142	175	258	192	31.35	cps

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 18:25:22 DataFile Name : 014ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6958139	6952098	6956842	6955693	0.05	cps
Antimony	121-1	108846	110384	110282	109837	0.78	cps
Arsenic	75-2	4045	4112	4178	4112	1.62	cps
Barium	135-1	29365	29958	29992	29772	1.18	cps
Barium	137-1	51012	51622	50727	51120	0.89	cps
Beryllium	9-1	42582	42009	42900	42497	1.06	cps
Bismuth	209-1	3148153	3076330	3082308	3102264	1.28	cps
Bismuth	209-2	2021137	2027208	2062475	2036940	1.10	cps
Boron	10-1	20840	21733	22050	21541	2.91	cps
Boron	11-1	95124	97111	97069	96435	1.18	cps
Cadmium	111-1	30862	31831	31423	31372	1.55	cps
Cadmium	106-1	6885	6927	6910	6908	0.30	cps
Cadmium	108-1	4251	4184	4059	4165	2.34	cps
Calcium	43-1	2388369	2371536	2378268	2379391	0.36	cps
Calcium	44-1	38915109	38736510	38817841	38823154	0.23	cps
Chromium	52-2	79423	79007	78146	78858	0.83	cps
Cobalt	59-2	61137	61284	60766	61062	0.44	cps
Copper	63-2	51858	52310	53170	52446	1.27	cps
Dysprosium	156-1	42	25	42	36	26.65	cps
Dysprosium	156-2	23	40	20	28	38.58	cps
Erbium	164-1	67	50	33	50	33.34	cps
Erbium	164-2	37	63	63	54	28.27	cps
Gadolinium	160-1	75	75	42	64	30.12	cps
Gadolinium	160-2	133	190	157	160	17.80	cps
Holmium	165-1	6151534	6250429	6201293	6201085	0.80	cps
Holmium	165-2	3193137	3204027	3203749	3200305	0.19	cps
Indium	115-1	4577370	4591291	4614394	4594352	0.41	cps
Indium	115-2	988143	997025	993527	992898	0.45	cps
Iron	56-2	154003937	151378248	153340720	152907635	0.89	cps
Iron	57-2	3779474	3773725	3815903	3789701	0.60	cps
Krypton	83-1	503	460	533	499	7.39	cps
Lead	206-1	93617	93298	93287	93401	0.20	cps
Lead	207-1	76442	75643	76051	76045	0.52	cps
Lead	208-1	355988	355565	348622	353392	1.17	cps
Lithium	6-1	2672802	2686121	2700282	2686402	0.51	cps
Magnesium	24-2	17123584	16999994	17117757	17080445	0.41	cps

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 18:25:22 DataFile Name : 014ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	32890	33000	32777	32889	0.34	cps
Molybdenum	94-1	3620763	3557701	3587127	3588530	0.88	cps
Molybdenum	95-1	6250681	6182739	6212471	6215297	0.55	cps
Molybdenum	96-1	6639479	6658028	6639816	6645774	0.16	cps
Molybdenum	97-1	3629069	3607065	3622166	3619433	0.31	cps
Molybdenum	98-1	9681586	9713835	9865060	9753493	1.00	cps
Neodymium	150-1	13	67	33	38	71.33	cps
Neodymium	150-2	33	17	10	20	60.08	cps
Nickel	60-2	17951	18455	18468	18292	1.61	cps
Phosphorus	31-2	438957	436152	433240	436116	0.66	cps
Potassium	39-2	16454611	16491442	16378724	16441592	0.35	cps
Rhodium	103-1	4143389	4181897	4169781	4165023	0.47	cps
Rhodium	103-2	2053424	2060344	2069611	2061127	0.39	cps
Scandium	45-1	4358717	4361936	4346329	4355660	0.19	cps
Scandium	45-2	186864	186970	185695	186510	0.38	cps
Selenium	77-2	137	107	127	123	12.39	cps
Selenium	78-2	444	463	422	443	4.60	cps
Selenium	82-1	2587	2616	2535	2579	1.59	cps
Silicon	28-1	601165	610162	605391	605573	0.74	cps
Silver	109-1	120974	122048	123923	122315	1.22	cps
Silver	107-1	130839	127303	125872	128004	2.00	cps
Sodium	23-2	34151029	33689398	33898093	33912840	0.68	cps
Strontium	86-1	182473	184592	184917	183994	0.72	cps
Strontium	88-1	1550040	1570754	1574356	1565050	0.84	cps
Sulfur	34-1	4885217	4892306	4949557	4909027	0.72	cps
Terbium	159-1	6326943	6401044	6403892	6377293	0.68	cps
Terbium	159-2	3153017	3160492	3151959	3155156	0.15	cps
Thallium	203-1	94637	94972	93746	94452	0.67	cps
Thallium	205-1	224663	220745	222474	222628	0.88	cps
Thorium	232-1	5057	5235	5123	5138	1.75	cps
Tin	118-1	253859	251174	253584	252872	0.58	cps
Titanium	47-1	2197436	2194415	2174078	2188643	0.58	cps
Uranium	238-1	856874	849866	854816	853852	0.42	cps
Vanadium	51-2	33609	32994	33338	33313	0.92	cps
Yttrium	89-1	6821969	6872629	6827286	6840628	0.41	cps
Yttrium	89-2	980626	972565	982406	978532	0.54	cps

LB Number :	LB106474	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :		Dilution Factor :	
Date & Time Acquired ::	2019-11-25 18:25:22	DataFile Name :	014ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	9400	9537	9433	9457	0.75	cps
Zirconium	90-1	610790	617640	605949	611460	0.96	cps
Zirconium	91-1	138994	136572	136697	137421	0.99	cps

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : CCV44 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 18:36:18 DataFile Name : 017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3698604	3643466	3714724	3685598	1.01	cps
Antimony	121-1	2552377	2495922	2507279	2518526	1.19	cps
Arsenic	75-2	90231	89721	90550	90167	0.46	cps
Barium	135-1	3072984	3033361	3039533	3048626	0.70	cps
Barium	137-1	5653073	5530918	5590467	5591486	1.09	cps
Beryllium	9-1	996862	983576	986306	988915	0.71	cps
Bismuth	209-1	2857956	2796728	2820893	2825192	1.09	cps
Bismuth	209-2	1842547	1861115	1880362	1861341	1.02	cps
Boron	10-1	169962	166599	170114	168892	1.18	cps
Boron	11-1	757258	744229	759160	753549	1.08	cps
Cadmium	111-1	695071	692352	688254	691892	0.50	cps
Cadmium	106-1	83522	81216	80965	81901	1.72	cps
Cadmium	108-1	55479	54220	54070	54590	1.42	cps
Calcium	43-1	5772926	5734024	5692889	5733280	0.70	cps
Calcium	44-1	92008525	91916883	90527592	91484333	0.91	cps
Chromium	52-2	917552	925660	925807	923006	0.51	cps
Cobalt	59-2	1292425	1296976	1292831	1294077	0.19	cps
Copper	63-2	1805694	1811723	1825267	1814228	0.55	cps
Dysprosium	156-1	58	75	75	69	13.85	cps
Dysprosium	156-2	117	103	90	103	12.90	cps
Erbium	164-1	67	33	50	50	33.34	cps
Erbium	164-2	63	63	53	60	9.62	cps
Gadolinium	160-1	50	58	8	39	68.89	cps
Gadolinium	160-2	167	147	173	162	8.56	cps
Holmium	165-1	5910190	5667126	5769467	5782261	2.11	cps
Holmium	165-2	2976894	2993146	3002202	2990747	0.43	cps
Indium	115-1	4173981	4078625	4102975	4118527	1.20	cps
Indium	115-2	901814	910787	924057	912219	1.23	cps
Iron	56-2	178329560	178050132	177582232	177987308	0.21	cps
Iron	57-2	4379176	4389896	4411834	4393636	0.38	cps
Krypton	83-1	430	487	540	486	11.33	cps
Lead	206-1	1703050	1655599	1674252	1677634	1.42	cps
Lead	207-1	1447483	1431953	1426686	1435374	0.75	cps
Lead	208-1	6572402	6409868	6459869	6480713	1.28	cps
Lithium	6-1	2552324	2506020	2516665	2525003	0.96	cps
Magnesium	24-2	39421547	39033360	39676150	39377019	0.82	cps

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : CCV44 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 18:36:18 DataFile Name : 017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1090159	1089999	1100151	1093437	0.53	cps
Molybdenum	94-1	6237046	6159070	6225529	6207215	0.68	cps
Molybdenum	95-1	7690502	7534938	7597713	7607718	1.03	cps
Molybdenum	96-1	8402834	8337392	8477964	8406063	0.84	cps
Molybdenum	97-1	4762552	4338202	4771422	4624059	5.35	cps
Molybdenum	98-1	12001029	11889373	11942757	11944386	0.47	cps
Neodymium	150-1	327	300	247	291	13.99	cps
Neodymium	150-2	43	47	50	47	7.15	cps
Nickel	60-2	330376	330780	332278	331145	0.30	cps
Phosphorus	31-2	4418	4434	4534	4462	1.41	cps
Potassium	39-2	19632587	19072766	19545284	19416879	1.55	cps
Rhodium	103-1	3846633	3785233	3807145	3813004	0.82	cps
Rhodium	103-2	1831674	1847034	1858535	1845748	0.73	cps
Scandium	45-1	4089875	4009749	4008900	4036175	1.15	cps
Scandium	45-2	173328	173634	176743	174568	1.08	cps
Selenium	77-2	2787	2707	2860	2785	2.75	cps
Selenium	78-2	9377	9453	9581	9470	1.09	cps
Selenium	82-1	61100	61043	60315	60819	0.72	cps
Silicon	28-1	3872128	3854418	3891242	3872596	0.48	cps
Silver	109-1	2951649	2902053	2876423	2910042	1.31	cps
Silver	107-1	3053418	3004915	3050220	3036184	0.89	cps
Sodium	23-2	78192562	78530358	79264206	78662375	0.70	cps
Strontium	86-1	938019	921690	927042	928917	0.90	cps
Strontium	88-1	8213343	8126225	8056428	8131999	0.97	cps
Sulfur	34-1	339188	338404	332781	336791	1.04	cps
Terbium	159-1	5943009	5947833	5953488	5948110	0.09	cps
Terbium	159-2	2890057	2958564	2945420	2931347	1.24	cps
Thallium	203-1	2071243	2019175	2042235	2044217	1.28	cps
Thallium	205-1	5109394	5070971	5164480	5114948	0.92	cps
Thorium	232-1	35600	34419	34831	34950	1.72	cps
Tin	118-1	2091542	2044753	2082605	2072966	1.20	cps
Titanium	47-1	2529151	2491707	2497592	2506150	0.80	cps
Uranium	238-1	7155720	7180314	7055338	7130457	0.93	cps
Vanadium	51-2	773540	773931	779658	775709	0.44	cps
Yttrium	89-1	6386518	6368131	6373190	6375947	0.15	cps
Yttrium	89-2	918501	924085	913858	918814	0.56	cps

LB Number :	LB106474	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P7
Client Sample ID :		Dilution Factor :	
Date & Time Acquired ::	2019-11-25 18:36:18	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	307091	306888	310859	308279	0.73	cps
Zirconium	90-1	5242476	5125969	5189278	5185908	1.12	cps
Zirconium	91-1	1146382	1126334	1120675	1131131	1.19	cps

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : CCB44 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 18:39:54 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167	75	167	136	38.88	cps
Antimony	121-1	2075	2559	2517	2384	11.24	cps
Arsenic	75-2	15	22	9	15	42.14	cps
Barium	135-1	117	167	167	150	19.25	cps
Barium	137-1	275	250	400	308	26.07	cps
Beryllium	9-1	139	178	172	163	12.91	cps
Bismuth	209-1	3207664	3148346	3113223	3156411	1.51	cps
Bismuth	209-2	2112054	2072286	2086874	2090404	0.96	cps
Boron	10-1	4643	4334	3776	4251	10.34	cps
Boron	11-1	20898	19163	17995	19352	7.55	cps
Cadmium	111-1	1706	1627	1643	1658	2.51	cps
Cadmium	106-1	2342	2267	2250	2286	2.14	cps
Cadmium	108-1	13	8	17	13	33.36	cps
Calcium	43-1	225	225	275	242	11.94	cps
Calcium	44-1	8419	7769	7794	7994	4.61	cps
Chromium	52-2	617	680	623	640	5.44	cps
Cobalt	59-2	107	70	67	81	27.36	cps
Copper	63-2	407	427	370	401	7.17	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	13	30	3	16	86.63	cps
Erbium	164-1	50	25	25	33	43.30	cps
Erbium	164-2	43	40	37	40	8.32	cps
Gadolinium	160-1	25	42	50	39	32.73	cps
Gadolinium	160-2	113	160	133	136	17.27	cps
Holmium	165-1	5947918	5864056	5876345	5896106	0.77	cps
Holmium	165-2	3030541	3009473	3007313	3015776	0.43	cps
Indium	115-1	4675398	4545889	4514331	4578539	1.86	cps
Indium	115-2	981722	982789	990457	984989	0.48	cps
Iron	56-2	9854	9542	9587	9661	1.74	cps
Iron	57-2	400	389	361	383	5.23	cps
Krypton	83-1	497	517	523	512	2.71	cps
Lead	206-1	611	783	756	717	12.90	cps
Lead	207-1	667	650	661	659	1.29	cps
Lead	208-1	2472	2650	2678	2600	4.29	cps
Lithium	6-1	2694885	2658017	2620124	2657675	1.41	cps
Magnesium	24-2	1008	950	908	956	5.26	cps

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : CCB44 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 18:39:54 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	70	100	80	83	18.33	cps
Molybdenum	94-1	2017	1542	1583	1714	15.35	cps
Molybdenum	95-1	2442	2425	2292	2386	3.45	cps
Molybdenum	96-1	2867	2692	2617	2725	4.71	cps
Molybdenum	97-1	1525	1508	1634	1556	4.36	cps
Molybdenum	98-1	4126	3792	3192	3703	12.78	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	37	23	60	40	46.40	cps
Phosphorus	31-2	58	83	67	69	18.33	cps
Potassium	39-2	23761	24053	23620	23812	0.93	cps
Rhodium	103-1	4514204	4412414	4216990	4381203	3.45	cps
Rhodium	103-2	2087237	2070324	2068935	2075499	0.49	cps
Scandium	45-1	4250512	4139683	4086572	4158922	2.01	cps
Scandium	45-2	176123	175590	178033	176582	0.73	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	46	48	39	44	11.03	cps
Selenium	82-1	-35	-30	10	-18	-134.28	cps
Silicon	28-1	202612	197081	194261	197985	2.15	cps
Silver	109-1	342	325	333	333	2.50	cps
Silver	107-1	425	242	317	328	28.12	cps
Sodium	23-2	32210	31358	31017	31528	1.95	cps
Strontium	86-1	692	842	833	789	10.69	cps
Strontium	88-1	258	275	258	264	3.64	cps
Sulfur	34-1	304775	304902	305545	305074	0.14	cps
Terbium	159-1	6232594	6046603	6009997	6096398	1.96	cps
Terbium	159-2	3038707	2979383	2994074	3004055	1.03	cps
Thallium	203-1	733	608	692	678	9.39	cps
Thallium	205-1	1492	1283	1367	1381	7.60	cps
Thorium	232-1	1267	1228	1278	1258	2.09	cps
Tin	118-1	1367	1475	1358	1400	4.65	cps
Titanium	47-1	225	233	275	244	10.96	cps
Uranium	238-1	1792	1675	1792	1753	3.84	cps
Vanadium	51-2	10	27	20	19	44.42	cps
Yttrium	89-1	6659631	6580906	6458880	6566472	1.54	cps
Yttrium	89-2	937583	923494	936781	932619	0.85	cps

LB Number :	LB106474	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P7
Client Sample ID :		Dilution Factor :	
Date & Time Acquired ::	2019-11-25 18:39:54	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	260	220	283	254	12.59	cps
Zirconium	90-1	700	500	825	675	24.29	cps
Zirconium	91-1	192	183	125	167	21.79	cps

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 18:43:28 DataFile Name : 019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1675	1867	1492	1678	11.18	cps
Antimony	121-1	10346	10671	10913	10643	2.67	cps
Arsenic	75-2	189	213	194	199	6.34	cps
Barium	135-1	13474	13023	13766	13421	2.79	cps
Barium	137-1	23195	22945	23462	23201	1.12	cps
Beryllium	9-1	2350	2067	2122	2180	6.89	cps
Bismuth	209-1	3138392	3102814	3173022	3138076	1.12	cps
Bismuth	209-2	2107675	2099882	2058633	2088730	1.26	cps
Boron	10-1	10863	10504	11163	10843	3.04	cps
Boron	11-1	48755	48854	49950	49186	1.35	cps
Cadmium	111-1	3320	3054	3106	3160	4.45	cps
Cadmium	106-1	2617	2350	2492	2486	5.37	cps
Cadmium	108-1	125	142	108	125	13.33	cps
Calcium	43-1	11347	12114	11605	11688	3.34	cps
Calcium	44-1	195871	193140	195037	194683	0.72	cps
Chromium	52-2	4484	4337	4341	4387	1.91	cps
Cobalt	59-2	3124	3007	2884	3005	4.00	cps
Copper	63-2	4484	4254	4017	4252	5.49	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	17	0	7	8	107.84	cps
Erbium	164-1	33	50	8	31	68.64	cps
Erbium	164-2	23	37	27	29	24.03	cps
Gadolinium	160-1	25	50	50	42	34.64	cps
Gadolinium	160-2	177	107	117	133	28.39	cps
Holmium	165-1	5867349	5808301	5841086	5838912	0.51	cps
Holmium	165-2	3056991	3022850	2982255	3020699	1.24	cps
Indium	115-1	4508593	4521265	4600509	4543456	1.10	cps
Indium	115-2	1012285	985807	986348	994813	1.52	cps
Iron	56-2	91064	90847	89986	90632	0.63	cps
Iron	57-2	2667	2406	2411	2495	5.98	cps
Krypton	83-1	547	453	487	496	9.54	cps
Lead	206-1	4340	4434	4201	4325	2.72	cps
Lead	207-1	3862	3678	3717	3752	2.58	cps
Lead	208-1	16643	16048	16554	16415	1.95	cps
Lithium	6-1	2689367	2645031	2682395	2672264	0.89	cps
Magnesium	24-2	90800	90239	87530	89523	1.95	cps

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 18:43:28 DataFile Name : 019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1310	1323	1320	1318	0.53	cps
Molybdenum	94-1	12856	12364	11972	12397	3.57	cps
Molybdenum	95-1	15868	15701	15809	15793	0.54	cps
Molybdenum	96-1	17954	17036	17520	17503	2.62	cps
Molybdenum	97-1	9587	9695	9812	9698	1.16	cps
Molybdenum	98-1	24280	24338	25106	24575	1.88	cps
Neodymium	150-1	13	0	13	9	86.60	cps
Neodymium	150-2	7	10	0	6	91.64	cps
Nickel	60-2	773	790	827	797	3.43	cps
Phosphorus	31-2	317	367	358	347	7.72	cps
Potassium	39-2	106951	101957	102595	103834	2.62	cps
Rhodium	103-1	4286647	4270920	4330428	4295998	0.72	cps
Rhodium	103-2	2120703	2081972	2106239	2102971	0.93	cps
Scandium	45-1	4158866	4158648	4167728	4161747	0.12	cps
Scandium	45-2	183238	179627	177898	180254	1.51	cps
Selenium	77-2	23	27	30	27	12.51	cps
Selenium	78-2	131	135	150	139	7.06	cps
Selenium	82-1	664	670	717	684	4.22	cps
Silicon	28-1	229671	228393	229026	229030	0.28	cps
Silver	109-1	5793	5251	5568	5537	4.92	cps
Silver	107-1	6035	5743	5776	5851	2.73	cps
Sodium	23-2	198638	194789	192703	195377	1.54	cps
Strontium	86-1	2609	2725	2509	2614	4.15	cps
Strontium	88-1	16694	16160	17361	16738	3.60	cps
Sulfur	34-1	319652	314410	314631	316231	0.94	cps
Terbium	159-1	6057892	6028977	6070884	6052584	0.35	cps
Terbium	159-2	3010086	3011938	2980434	3000819	0.59	cps
Thallium	203-1	4834	4701	4959	4832	2.68	cps
Thallium	205-1	12073	10888	12289	11750	6.42	cps
Thorium	232-1	14903	14742	15015	14887	0.92	cps
Tin	118-1	22519	22519	22302	22446	0.56	cps
Titanium	47-1	5468	5868	5293	5543	5.32	cps
Uranium	238-1	16244	15635	15802	15894	1.98	cps
Vanadium	51-2	8766	8426	8419	8537	2.32	cps
Yttrium	89-1	6497914	6517933	6615822	6543889	0.96	cps
Yttrium	89-2	958557	938125	946243	947642	1.09	cps

LB Number :	LB106474	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :		Dilution Factor :	
Date & Time Acquired ::	2019-11-25 18:43:28	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	940	1070	930	980	7.97	cps
Zirconium	90-1	9845	9770	10262	9959	2.66	cps
Zirconium	91-1	2217	2317	2125	2220	4.32	cps

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : PB125101BL Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 18:47:02 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	25	42	31	31.50	cps
Antimony	121-1	342	425	433	400	12.67	cps
Arsenic	75-2	9	4	15	9	60.01	cps
Barium	135-1	50	33	75	53	39.74	cps
Barium	137-1	25	58	42	42	40.00	cps
Beryllium	9-1	133	56	100	96	40.52	cps
Bismuth	209-1	3143401	3117236	3055531	3105389	1.45	cps
Bismuth	209-2	1999580	2022730	2022370	2014893	0.66	cps
Boron	10-1	2034	2142	1950	2042	4.71	cps
Boron	11-1	9153	9795	9303	9417	3.57	cps
Cadmium	111-1	1481	1681	1594	1585	6.34	cps
Cadmium	106-1	2084	2400	2234	2239	7.08	cps
Cadmium	108-1	4	17	4	8	86.57	cps
Calcium	43-1	108	200	117	142	35.78	cps
Calcium	44-1	5685	5460	5468	5537	2.30	cps
Chromium	52-2	607	647	493	582	13.66	cps
Cobalt	59-2	40	47	43	43	7.70	cps
Copper	63-2	307	323	320	317	2.78	cps
Dysprosium	156-1	17	33	17	22	43.28	cps
Dysprosium	156-2	7	23	20	17	52.90	cps
Erbium	164-1	33	50	50	44	21.66	cps
Erbium	164-2	47	50	17	38	48.59	cps
Gadolinium	160-1	42	42	17	33	43.30	cps
Gadolinium	160-2	177	143	113	144	21.93	cps
Holmium	165-1	5856603	5819530	5778314	5818149	0.67	cps
Holmium	165-2	2957770	2926092	2907863	2930575	0.86	cps
Indium	115-1	4632091	4572552	4505587	4570077	1.38	cps
Indium	115-2	949061	957444	962573	956360	0.71	cps
Iron	56-2	4323	4284	4440	4349	1.86	cps
Iron	57-2	244	244	228	239	4.03	cps
Krypton	83-1	500	570	457	509	11.24	cps
Lead	206-1	689	628	589	635	7.94	cps
Lead	207-1	522	672	672	622	13.92	cps
Lead	208-1	2195	2233	2250	2226	1.28	cps
Lithium	6-1	2706972	2685104	2625375	2672484	1.58	cps
Magnesium	24-2	142	217	175	178	21.14	cps

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : PB125101BL Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 18:47:02 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	40	50	43	44	11.46	cps
Molybdenum	94-1	342	467	408	406	15.42	cps
Molybdenum	95-1	433	367	383	394	8.80	cps
Molybdenum	96-1	492	550	492	511	6.59	cps
Molybdenum	97-1	117	275	267	219	40.61	cps
Molybdenum	98-1	675	600	775	683	12.85	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	13	17	13	14	13.35	cps
Phosphorus	31-2	42	100	108	83	43.59	cps
Potassium	39-2	22777	21500	21900	22059	2.96	cps
Rhodium	103-1	4277753	4469883	4197754	4315130	3.24	cps
Rhodium	103-2	2052438	2046474	2026500	2041804	0.67	cps
Scandium	45-1	4250943	4155004	4149303	4185083	1.36	cps
Scandium	45-2	174592	176811	177064	176156	0.77	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	43	54	48	48	11.54	cps
Selenium	82-1	19	-93	56	-6	-1208.08	cps
Silicon	28-1	178341	173138	175468	175649	1.48	cps
Silver	109-1	150	108	150	136	17.67	cps
Silver	107-1	150	142	108	133	16.54	cps
Sodium	23-2	22167	22509	24187	22954	4.71	cps
Strontium	86-1	725	767	717	736	3.64	cps
Strontium	88-1	133	83	150	122	28.39	cps
Sulfur	34-1	324320	318920	319346	320862	0.94	cps
Terbium	159-1	6086162	6079182	5989629	6051658	0.89	cps
Terbium	159-2	2901714	2896440	2906403	2901519	0.17	cps
Thallium	203-1	392	417	550	453	18.80	cps
Thallium	205-1	750	667	608	675	10.55	cps
Thorium	232-1	1317	1167	1417	1300	9.68	cps
Tin	118-1	450	567	583	533	13.62	cps
Titanium	47-1	125	92	108	108	15.39	cps
Uranium	238-1	1650	1692	1592	1645	3.05	cps
Vanadium	51-2	0	0	10	3	173.21	cps
Yttrium	89-1	6589572	6579594	6437667	6535611	1.30	cps
Yttrium	89-2	919209	917753	904744	913902	0.87	cps

LB Number :	LB106474	Operator :	Jaswal
Lab Sample ID :	PB125101BL	Instrumnet Name :	P7
Client Sample ID :		Dilution Factor :	
Date & Time Acquired ::	2019-11-25 18:47:02	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	237	237	253	242	3.97	cps
Zirconium	90-1	442	483	500	475	6.33	cps
Zirconium	91-1	100	92	125	106	16.44	cps

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : PB125101BS Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 18:50:36 DataFile Name : 021DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	738282	736061	718664	731002	1.47	cps
Antimony	121-1	2328994	2355638	2335750	2340127	0.59	cps
Arsenic	75-2	93912	93222	92749	93294	0.63	cps
Barium	135-1	2982400	3034265	3012442	3009702	0.87	cps
Barium	137-1	5530095	5539688	5524985	5531589	0.13	cps
Beryllium	9-1	1019020	1025509	1017974	1020834	0.40	cps
Bismuth	209-1	2992759	2982915	2948503	2974726	0.78	cps
Bismuth	209-2	1968101	1950995	1911857	1943651	1.48	cps
Boron	10-1	166077	173596	171995	170556	2.32	cps
Boron	11-1	759356	774873	766795	767008	1.01	cps
Cadmium	111-1	689096	690144	686419	688553	0.28	cps
Cadmium	106-1	82005	81418	81384	81602	0.43	cps
Cadmium	108-1	53308	53857	53995	53720	0.68	cps
Calcium	43-1	1142093	1156727	1148172	1148997	0.64	cps
Calcium	44-1	18431198	18700730	18699408	18610445	0.83	cps
Chromium	52-2	899504	897125	885431	894020	0.84	cps
Cobalt	59-2	1311001	1308277	1303866	1307715	0.28	cps
Copper	63-2	1704404	1680580	1664934	1683306	1.18	cps
Dysprosium	156-1	50	33	67	50	33.34	cps
Dysprosium	156-2	93	100	93	96	4.02	cps
Erbium	164-1	33	25	42	33	25.01	cps
Erbium	164-2	47	33	57	46	25.70	cps
Gadolinium	160-1	92	33	83	69	45.44	cps
Gadolinium	160-2	117	187	157	153	22.90	cps
Holmium	165-1	5643940	5727957	5769934	5713944	1.12	cps
Holmium	165-2	2947523	2934392	2909443	2930453	0.66	cps
Indium	115-1	4134053	4207099	4291223	4210792	1.87	cps
Indium	115-2	915849	909154	902688	909230	0.72	cps
Iron	56-2	36491872	36264066	35615445	36123794	1.26	cps
Iron	57-2	923324	929597	911198	921373	1.02	cps
Krypton	83-1	493	477	470	480	2.50	cps
Lead	206-1	1676403	1701274	1708345	1695341	0.99	cps
Lead	207-1	1435854	1468897	1461837	1455529	1.20	cps
Lead	208-1	6496388	6637855	6620693	6584979	1.17	cps
Lithium	6-1	2553356	2568050	2552606	2558004	0.34	cps
Magnesium	24-2	8287446	8203939	8106655	8199347	1.10	cps

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : PB125101BS Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 18:50:36 DataFile Name : 021DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1100375	1095495	1081111	1092327	0.92	cps
Molybdenum	94-1	6003168	6115797	6086061	6068342	0.96	cps
Molybdenum	95-1	7470500	7545439	7537742	7517894	0.55	cps
Molybdenum	96-1	8168396	8238745	8260681	8222608	0.59	cps
Molybdenum	97-1	4316642	4304521	4217239	4279467	1.27	cps
Molybdenum	98-1	11724709	11805935	11820371	11783672	0.44	cps
Neodymium	150-1	267	253	227	249	8.18	cps
Neodymium	150-2	43	37	30	37	18.18	cps
Nickel	60-2	336187	335707	329163	333686	1.18	cps
Phosphorus	31-2	4776	4584	4559	4640	2.56	cps
Potassium	39-2	3693517	3676043	3627938	3665833	0.93	cps
Rhodium	103-1	3941075	4006467	3966961	3971501	0.83	cps
Rhodium	103-2	1936160	1920881	1916753	1924598	0.53	cps
Scandium	45-1	3948168	4011952	4007651	3989257	0.89	cps
Scandium	45-2	172005	170502	168806	170438	0.94	cps
Selenium	77-2	2944	2930	2924	2933	0.35	cps
Selenium	78-2	9507	9507	9466	9493	0.25	cps
Selenium	82-1	61881	62637	62037	62185	0.64	cps
Silicon	28-1	3980982	4048179	4094960	4041374	1.42	cps
Silver	109-1	2891927	2881559	2875258	2882915	0.29	cps
Silver	107-1	3005560	3036662	3000104	3014109	0.65	cps
Sodium	23-2	16701209	16591993	16279150	16524118	1.33	cps
Strontium	86-1	914189	899120	917786	910365	1.09	cps
Strontium	88-1	8024095	8059604	8124642	8069447	0.63	cps
Sulfur	34-1	343995	338468	335923	339462	1.22	cps
Terbium	159-1	5816807	5969020	5945372	5910400	1.39	cps
Terbium	159-2	2919817	2919801	2844131	2894583	1.51	cps
Thallium	203-1	2070954	2085633	2068673	2075087	0.44	cps
Thallium	205-1	5137304	5150885	5219570	5169253	0.85	cps
Thorium	232-1	32318	33344	32675	32779	1.59	cps
Tin	118-1	2060765	2106693	2079266	2082241	1.11	cps
Titanium	47-1	2445383	2463652	2448414	2452483	0.40	cps
Uranium	238-1	6803517	7142099	6934890	6960169	2.45	cps
Vanadium	51-2	758171	755159	748393	753908	0.66	cps
Yttrium	89-1	6253629	6285700	6293712	6277680	0.34	cps
Yttrium	89-2	887856	880178	890286	886106	0.60	cps

LB Number :	LB106474	Operator :	Jaswal
Lab Sample ID :	PB125101BS	Instrumnet Name :	P7
Client Sample ID :		Dilution Factor :	
Date & Time Acquired ::	2019-11-25 18:50:36	DataFile Name :	021DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	282435	281396	278402	280744	0.75	cps
Zirconium	90-1	5042216	5078250	5112762	5077743	0.69	cps
Zirconium	91-1	1093755	1097815	1097213	1096261	0.20	cps

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : K5945-01 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 18:54:10 DataFile Name : 022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	175	150	144	23.32	cps
Antimony	121-1	850	908	1000	920	8.22	cps
Arsenic	75-2	11	20	9	14	43.83	cps
Barium	135-1	192	158	192	181	10.66	cps
Barium	137-1	333	308	242	294	16.09	cps
Beryllium	9-1	100	183	111	131	34.42	cps
Bismuth	209-1	3796165	3702991	3681326	3726827	1.64	cps
Bismuth	209-2	2376249	2415310	2372378	2387979	0.99	cps
Boron	10-1	3484	3000	2967	3150	9.18	cps
Boron	11-1	16435	14491	13874	14933	8.95	cps
Cadmium	111-1	2140	1750	1806	1899	11.10	cps
Cadmium	106-1	2942	2425	2509	2625	10.57	cps
Cadmium	108-1	4	8	13	8	49.98	cps
Calcium	43-1	392	283	250	308	24.02	cps
Calcium	44-1	9412	9604	9220	9412	2.04	cps
Chromium	52-2	293	370	330	331	11.58	cps
Cobalt	59-2	73	77	117	89	27.13	cps
Copper	63-2	503	430	460	464	7.94	cps
Dysprosium	156-1	8	25	0	11	114.58	cps
Dysprosium	156-2	3	27	13	14	81.07	cps
Erbium	164-1	25	25	25	25	0.00	cps
Erbium	164-2	53	47	30	43	27.73	cps
Gadolinium	160-1	33	17	42	31	41.66	cps
Gadolinium	160-2	183	153	143	160	13.01	cps
Holmium	165-1	7083617	7003483	6914566	7000555	1.21	cps
Holmium	165-2	3398592	3443960	3406998	3416517	0.71	cps
Indium	115-1	5461221	5411927	5393204	5422118	0.65	cps
Indium	115-2	1118529	1123668	1118576	1120257	0.26	cps
Iron	56-2	5557	5412	5818	5596	3.68	cps
Iron	57-2	267	261	256	261	2.13	cps
Krypton	83-1	453	467	443	454	2.58	cps
Lead	206-1	1839	1500	1350	1563	16.03	cps
Lead	207-1	1561	1295	1372	1409	9.73	cps
Lead	208-1	6617	5945	5740	6101	7.53	cps
Lithium	6-1	3177017	3129735	3132158	3146303	0.85	cps
Magnesium	24-2	425	475	475	458	6.30	cps

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : K5945-01 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 18:54:10 DataFile Name : 022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	130	140	187	152	19.87	cps
Molybdenum	94-1	1142	1150	1200	1164	2.71	cps
Molybdenum	95-1	2092	2017	1900	2003	4.82	cps
Molybdenum	96-1	2250	2417	2042	2236	8.40	cps
Molybdenum	97-1	1225	1158	1183	1189	2.83	cps
Molybdenum	98-1	3059	2909	2967	2978	2.54	cps
Neodymium	150-1	0	13	13	9	86.60	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	37	37	30	34	11.18	cps
Phosphorus	31-2	117	50	75	81	41.81	cps
Potassium	39-2	21232	21750	21399	21461	1.23	cps
Rhodium	103-1	5276970	5210224	5210119	5232438	0.74	cps
Rhodium	103-2	2345699	2378036	2370794	2364843	0.72	cps
Scandium	45-1	5041837	5019460	5009461	5023586	0.33	cps
Scandium	45-2	203184	203083	204282	203516	0.33	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	43	31	56	43	27.89	cps
Selenium	82-1	76	28	55	53	45.00	cps
Silicon	28-1	175752	168464	165328	169848	3.15	cps
Silver	109-1	175	217	250	214	17.57	cps
Silver	107-1	200	233	217	217	7.69	cps
Sodium	23-2	24120	23603	23845	23856	1.09	cps
Strontium	86-1	825	783	733	781	5.88	cps
Strontium	88-1	483	708	500	564	22.23	cps
Sulfur	34-1	284577	286718	287088	286127	0.47	cps
Terbium	159-1	7256682	7202144	7150385	7203070	0.74	cps
Terbium	159-2	3386757	3397966	3364737	3383153	0.50	cps
Thallium	203-1	1042	867	733	881	17.56	cps
Thallium	205-1	1909	1517	1300	1575	19.58	cps
Thorium	232-1	1161	1367	1239	1256	8.27	cps
Tin	118-1	13832	13223	13257	13437	2.55	cps
Titanium	47-1	192	200	158	183	12.03	cps
Uranium	238-1	2184	1834	1867	1961	9.85	cps
Vanadium	51-2	40	37	47	41	12.39	cps
Yttrium	89-1	7872523	7681482	7691504	7748503	1.39	cps
Yttrium	89-2	1051920	1070327	1068770	1063672	0.96	cps

LB Number :	LB106474	Operator :	Jaswal
Lab Sample ID :	K5945-01	Instrumnet Name :	P7
Client Sample ID :		Dilution Factor :	
Date & Time Acquired ::	2019-11-25 18:54:10	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1903	1927	1830	1887	2.67	cps
Zirconium	90-1	417	492	600	503	18.33	cps
Zirconium	91-1	108	142	158	136	18.70	cps

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : K5945-01DUP Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 18:57:45 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	108	108	103	9.36	cps
Antimony	121-1	250	258	358	289	20.87	cps
Arsenic	75-2	9	6	7	7	24.97	cps
Barium	135-1	83	75	67	75	11.11	cps
Barium	137-1	100	158	83	114	34.58	cps
Beryllium	9-1	67	133	78	93	38.58	cps
Bismuth	209-1	3698606	3552159	3606123	3618963	2.05	cps
Bismuth	209-2	2388913	2378418	2378960	2382097	0.25	cps
Boron	10-1	1992	2217	2125	2111	5.36	cps
Boron	11-1	9220	9520	9245	9328	1.79	cps
Cadmium	111-1	1866	1825	1853	1848	1.13	cps
Cadmium	106-1	2617	2592	2650	2620	1.12	cps
Cadmium	108-1	29	21	21	24	20.39	cps
Calcium	43-1	350	233	267	283	21.21	cps
Calcium	44-1	9020	8553	9420	8998	4.82	cps
Chromium	52-2	377	287	260	308	19.86	cps
Cobalt	59-2	47	47	53	49	7.86	cps
Copper	63-2	400	350	310	353	12.76	cps
Dysprosium	156-1	25	25	33	28	17.31	cps
Dysprosium	156-2	7	17	3	9	78.08	cps
Erbium	164-1	67	67	50	61	15.75	cps
Erbium	164-2	30	37	20	29	29.04	cps
Gadolinium	160-1	83	67	67	72	13.33	cps
Gadolinium	160-2	123	197	147	156	24.08	cps
Holmium	165-1	6903706	6779084	6830679	6837823	0.92	cps
Holmium	165-2	3425995	3429404	3416936	3424112	0.19	cps
Indium	115-1	5459989	5345489	5362419	5389299	1.15	cps
Indium	115-2	1124443	1126784	1124158	1125128	0.13	cps
Iron	56-2	4529	4401	4256	4395	3.10	cps
Iron	57-2	206	194	189	196	4.32	cps
Krypton	83-1	513	463	573	517	10.66	cps
Lead	206-1	1450	1122	1256	1276	12.92	cps
Lead	207-1	1261	1095	1106	1154	8.08	cps
Lead	208-1	5256	4550	4667	4825	7.84	cps
Lithium	6-1	3131405	3092702	3088854	3104320	0.76	cps
Magnesium	24-2	117	292	258	222	41.81	cps

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : K5945-01DUP Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 18:57:45 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	160	107	113	127	22.94	cps
Molybdenum	94-1	358	392	417	389	7.52	cps
Molybdenum	95-1	583	600	692	625	9.33	cps
Molybdenum	96-1	733	583	833	717	17.56	cps
Molybdenum	97-1	375	383	400	386	3.30	cps
Molybdenum	98-1	867	800	1058	908	14.76	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	10	0	3	173.21	cps
Nickel	60-2	7	23	20	17	52.90	cps
Phosphorus	31-2	75	67	83	75	11.11	cps
Potassium	39-2	20315	21950	21583	21283	4.03	cps
Rhodium	103-1	5276898	5187687	5150321	5204969	1.25	cps
Rhodium	103-2	2356819	2389745	2371999	2372854	0.69	cps
Scandium	45-1	5095005	5001978	5046545	5047843	0.92	cps
Scandium	45-2	206531	204580	204066	205059	0.63	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	50	39	31	40	23.23	cps
Selenium	82-1	-13	49	-81	-15	-431.88	cps
Silicon	28-1	148286	146655	146957	147299	0.59	cps
Silver	109-1	83	42	108	78	43.30	cps
Silver	107-1	58	67	142	89	51.63	cps
Sodium	23-2	22301	21441	21900	21880	1.97	cps
Strontium	86-1	825	775	650	750	12.02	cps
Strontium	88-1	375	425	333	378	12.15	cps
Sulfur	34-1	301059	302675	303645	302459	0.43	cps
Terbium	159-1	7169556	7084089	7076597	7110081	0.73	cps
Terbium	159-2	3381007	3402558	3355890	3379818	0.69	cps
Thallium	203-1	492	458	583	511	12.66	cps
Thallium	205-1	958	858	750	856	12.18	cps
Thorium	232-1	1211	1306	1350	1289	5.50	cps
Tin	118-1	12740	11897	12064	12234	3.65	cps
Titanium	47-1	158	133	142	144	8.81	cps
Uranium	238-1	1750	1809	1684	1747	3.58	cps
Vanadium	51-2	7	10	20	12	56.76	cps
Yttrium	89-1	7755790	7643730	7646789	7682103	0.83	cps
Yttrium	89-2	1062904	1076980	1069657	1069847	0.66	cps

LB Number :	LB106474	Operator :	Jaswal
Lab Sample ID :	K5945-01DUP	Instrumnet Name :	P7
Client Sample ID :		Dilution Factor :	
Date & Time Acquired ::	2019-11-25 18:57:45	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1880	1740	1840	1820	3.96	cps
Zirconium	90-1	367	350	367	361	2.66	cps
Zirconium	91-1	58	100	92	83	26.45	cps

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : K5945-01LX5 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 19:01:20 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	100	50	69	38.57	cps
Antimony	121-1	325	242	517	361	39.05	cps
Arsenic	75-2	11	22	11	15	43.30	cps
Barium	135-1	42	50	25	39	32.73	cps
Barium	137-1	58	67	67	64	7.53	cps
Beryllium	9-1	106	61	100	89	27.25	cps
Bismuth	209-1	3120941	3120515	3080830	3107429	0.74	cps
Bismuth	209-2	2045502	2040461	2060909	2048957	0.52	cps
Boron	10-1	1892	1650	1875	1806	7.48	cps
Boron	11-1	8828	8469	8561	8619	2.16	cps
Cadmium	111-1	1692	1816	1784	1764	3.65	cps
Cadmium	106-1	2409	2575	2525	2503	3.42	cps
Cadmium	108-1	21	4	13	13	66.64	cps
Calcium	43-1	150	125	208	161	26.54	cps
Calcium	44-1	7160	6752	6802	6905	3.23	cps
Chromium	52-2	613	580	513	569	8.95	cps
Cobalt	59-2	30	47	33	37	24.06	cps
Copper	63-2	290	373	363	342	13.29	cps
Dysprosium	156-1	25	25	8	19	49.50	cps
Dysprosium	156-2	13	7	13	11	34.61	cps
Erbium	164-1	33	33	42	36	13.33	cps
Erbium	164-2	43	30	60	44	33.82	cps
Gadolinium	160-1	50	58	25	44	39.04	cps
Gadolinium	160-2	170	107	147	141	22.70	cps
Holmium	165-1	5804252	5824602	5797234	5808696	0.24	cps
Holmium	165-2	2966937	2972702	2953927	2964522	0.32	cps
Indium	115-1	4561062	4570629	4586220	4572637	0.28	cps
Indium	115-2	962640	970136	978897	970558	0.84	cps
Iron	56-2	4001	4156	3678	3945	6.18	cps
Iron	57-2	339	272	306	306	10.91	cps
Krypton	83-1	480	477	523	493	5.28	cps
Lead	206-1	767	817	678	754	9.33	cps
Lead	207-1	528	667	656	617	12.52	cps
Lead	208-1	2361	2684	2433	2493	6.78	cps
Lithium	6-1	2639053	2633018	2610553	2627542	0.57	cps
Magnesium	24-2	125	142	158	142	11.76	cps

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : K5945-01LX5 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 19:01:20 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	57	27	87	57	52.94	cps
Molybdenum	94-1	275	358	358	331	14.56	cps
Molybdenum	95-1	392	375	517	428	18.10	cps
Molybdenum	96-1	400	450	508	453	11.98	cps
Molybdenum	97-1	208	217	242	222	7.81	cps
Molybdenum	98-1	625	492	675	597	15.87	cps
Neodymium	150-1	0	13	20	11	91.66	cps
Neodymium	150-2	7	3	10	7	50.03	cps
Nickel	60-2	3	30	20	18	75.79	cps
Phosphorus	31-2	100	100	58	86	27.93	cps
Potassium	39-2	20849	20582	21283	20904	1.69	cps
Rhodium	103-1	4404508	4253455	4446186	4368050	2.32	cps
Rhodium	103-2	2051777	2061771	2091082	2068210	0.99	cps
Scandium	45-1	4211021	4167228	4193477	4190575	0.53	cps
Scandium	45-2	177676	177658	181619	178984	1.27	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	46	37	52	45	16.60	cps
Selenium	82-1	-16	28	32	15	178.95	cps
Silicon	28-1	165919	165608	163416	164981	0.83	cps
Silver	109-1	58	42	67	56	22.91	cps
Silver	107-1	83	92	42	72	37.09	cps
Sodium	23-2	20790	21316	22242	21449	3.43	cps
Strontium	86-1	725	900	775	800	11.27	cps
Strontium	88-1	225	192	267	228	16.50	cps
Sulfur	34-1	323177	322735	323798	323237	0.17	cps
Terbium	159-1	6076930	6108377	6077281	6087529	0.30	cps
Terbium	159-2	2914064	2934789	2945779	2931544	0.55	cps
Thallium	203-1	417	517	383	439	15.81	cps
Thallium	205-1	700	683	733	706	3.61	cps
Thorium	232-1	1222	1250	1289	1254	2.67	cps
Tin	118-1	2967	3242	2867	3025	6.42	cps
Titanium	47-1	117	75	92	94	22.21	cps
Uranium	238-1	1859	1717	1775	1784	3.99	cps
Vanadium	51-2	3	3	0	2	86.60	cps
Yttrium	89-1	6564995	6539886	6519808	6541563	0.35	cps
Yttrium	89-2	929573	931321	939503	933465	0.57	cps

LB Number :	LB106474	Operator :	Jaswal
Lab Sample ID :	K5945-01LX5	Instrumnet Name :	P7
Client Sample ID :		Dilution Factor :	
Date & Time Acquired ::	2019-11-25 19:01:20	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	480	503	417	467	9.61	cps
Zirconium	90-1	367	392	408	389	5.39	cps
Zirconium	91-1	92	75	58	75	22.22	cps

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : K5945-01MS Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 19:04:54 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150173	151765	148767	150235	1.00	cps
Antimony	121-1	4453677	4067199	4064787	4195221	5.34	cps
Arsenic	75-2	176506	175128	175436	175690	0.41	cps
Barium	135-1	280589	279265	278633	279496	0.36	cps
Barium	137-1	492770	486188	479838	486265	1.33	cps
Beryllium	9-1	466927	460289	460163	462460	0.84	cps
Bismuth	209-1	3393841	3294519	3323213	3337191	1.53	cps
Bismuth	209-2	2162818	2172328	2194581	2176575	0.75	cps
Boron	10-1	108581	108329	109092	108667	0.36	cps
Boron	11-1	483602	486606	502612	490940	2.08	cps
Cadmium	111-1	322641	319817	315833	319430	1.07	cps
Cadmium	106-1	31737	30726	30551	31004	2.06	cps
Cadmium	108-1	21225	21183	20799	21069	1.11	cps
Calcium	43-1	30048	29956	30165	30056	0.35	cps
Calcium	44-1	473897	468867	469551	470772	0.58	cps
Chromium	52-2	795698	796897	794612	795736	0.14	cps
Cobalt	59-2	603395	603790	598796	601994	0.46	cps
Copper	63-2	609347	610610	598914	606291	1.06	cps
Dysprosium	156-1	322955	317711	317109	319259	1.01	cps
Dysprosium	156-2	120159	121010	121447	120872	0.54	cps
Erbium	164-1	83	92	83	86	5.58	cps
Erbium	164-2	63	37	40	47	31.13	cps
Gadolinium	160-1	100	133	158	131	22.41	cps
Gadolinium	160-2	207	193	197	199	3.49	cps
Holmium	165-1	6434256	6268913	6338059	6347076	1.31	cps
Holmium	165-2	3178986	3165135	3182160	3175427	0.29	cps
Indium	115-1	4934321	4896119	4912050	4914163	0.39	cps
Indium	115-2	1019412	1007474	1015976	1014287	0.61	cps
Iron	56-2	4930449	4921455	4910014	4920639	0.21	cps
Iron	57-2	125381	126932	125937	126084	0.62	cps
Krypton	83-1	477	383	443	434	10.89	cps
Lead	206-1	3611063	3602472	3522049	3578528	1.37	cps
Lead	207-1	3081779	3074229	3049243	3068417	0.55	cps
Lead	208-1	14808732	14730390	14592385	14710502	0.74	cps
Lithium	6-1	3125287	3072434	3075972	3091231	0.96	cps
Magnesium	24-2	374528	370393	371957	372293	0.56	cps

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : K5945-01MS Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 19:04:54 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	240859	244022	241744	242208	0.67	cps
Molybdenum	94-1	732280	720224	710428	720977	1.52	cps
Molybdenum	95-1	1238400	1248205	1238647	1241751	0.45	cps
Molybdenum	96-1	1323210	1312651	1304171	1313344	0.73	cps
Molybdenum	97-1	785927	780624	772387	779646	0.88	cps
Molybdenum	98-1	1961329	1959702	1951388	1957473	0.27	cps
Neodymium	150-1	53	60	47	53	12.50	cps
Neodymium	150-2	23	13	20	19	26.96	cps
Nickel	60-2	384567	382873	383054	383498	0.24	cps
Phosphorus	31-2	27543	27910	28411	27955	1.56	cps
Potassium	39-2	1669335	1678926	1679843	1676035	0.35	cps
Rhodium	103-1	4850074	4777290	4787920	4805094	0.82	cps
Rhodium	103-2	2221985	2215064	2223614	2220221	0.20	cps
Scandium	45-1	4757014	4690540	4731768	4726441	0.71	cps
Scandium	45-2	194607	194196	193520	194108	0.28	cps
Selenium	77-2	15215	15131	14734	15027	1.71	cps
Selenium	78-2	49235	49809	49198	49414	0.69	cps
Selenium	82-1	326785	319853	317466	321368	1.51	cps
Silicon	28-1	5721524	5619245	5722338	5687702	1.04	cps
Silver	109-1	517761	514178	513049	514996	0.48	cps
Silver	107-1	539857	535121	539799	538259	0.50	cps
Sodium	23-2	1113649	1118258	1114198	1115369	0.23	cps
Strontium	86-1	421320	411750	410903	414658	1.40	cps
Strontium	88-1	3448186	3435133	3421265	3434861	0.39	cps
Sulfur	34-1	294871	290698	290649	292073	0.83	cps
Terbium	159-1	6663888	6630834	6555318	6616680	0.84	cps
Terbium	159-2	3185052	3169825	3156958	3170612	0.44	cps
Thallium	203-1	9650390	9526874	9568555	9581939	0.66	cps
Thallium	205-1	23025035	22443344	22829268	22765882	1.30	cps
Thorium	232-1	1467	1317	1283	1356	7.20	cps
Tin	118-1	3141576	3107438	3094480	3114498	0.78	cps
Titanium	47-1	236173	234213	234673	235019	0.44	cps
Uranium	238-1	11014	10279	10847	10713	3.59	cps
Vanadium	51-2	502218	503519	499624	501787	0.40	cps
Yttrium	89-1	7271133	7138338	7106443	7171971	1.22	cps
Yttrium	89-2	999230	1004422	999410	1001021	0.29	cps

LB Number :	LB106474	Operator :	Jaswal
Lab Sample ID :	K5945-01MS	Instrumnet Name :	P7
Client Sample ID :		Dilution Factor :	
Date & Time Acquired ::	2019-11-25 19:04:54	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	73353	73906	72898	73386	0.69	cps
Zirconium	90-1	10221	9712	10312	10082	3.21	cps
Zirconium	91-1	3134	3184	3601	3306	7.75	cps

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : K5945-01MSD Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 19:08:29 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158481	157312	155897	157230	0.82	cps
Antimony	121-1	4116475	4135014	4046904	4099464	1.13	cps
Arsenic	75-2	183581	183032	183063	183225	0.17	cps
Barium	135-1	293956	296806	293380	294714	0.62	cps
Barium	137-1	508615	507538	507104	507752	0.15	cps
Beryllium	9-1	478425	484433	476841	479899	0.83	cps
Bismuth	209-1	3405902	3138083	3409967	3317984	4.70	cps
Bismuth	209-2	2236087	2249994	2229856	2238645	0.46	cps
Boron	10-1	111242	116665	116237	114715	2.63	cps
Boron	11-1	502677	521390	524168	516078	2.26	cps
Cadmium	111-1	330527	332695	333240	332154	0.43	cps
Cadmium	106-1	32162	32287	32388	32279	0.35	cps
Cadmium	108-1	22101	23073	21613	22262	3.34	cps
Calcium	43-1	32060	33464	32370	32631	2.26	cps
Calcium	44-1	491302	501951	493510	495588	1.13	cps
Chromium	52-2	840977	831726	831035	834579	0.67	cps
Cobalt	59-2	630064	631289	628293	629882	0.24	cps
Copper	63-2	636189	634463	635500	635384	0.14	cps
Dysprosium	156-1	328804	338576	334128	333836	1.47	cps
Dysprosium	156-2	125921	126190	126179	126097	0.12	cps
Erbium	164-1	58	50	42	50	16.67	cps
Erbium	164-2	50	50	63	54	14.14	cps
Gadolinium	160-1	225	133	208	189	25.85	cps
Gadolinium	160-2	163	200	180	181	10.14	cps
Holmium	165-1	6485834	5988823	6528796	6334484	4.74	cps
Holmium	165-2	3242466	3265928	3224484	3244293	0.64	cps
Indium	115-1	5007880	4614400	5049167	4890482	4.91	cps
Indium	115-2	1043651	1039002	1040830	1041161	0.22	cps
Iron	56-2	5187895	5136749	5158415	5161020	0.50	cps
Iron	57-2	131002	129936	133177	131372	1.26	cps
Krypton	83-1	527	500	547	524	4.46	cps
Lead	206-1	3748216	3782545	3633269	3721343	2.10	cps
Lead	207-1	3228215	3186571	3139903	3184896	1.39	cps
Lead	208-1	15505225	15341582	15074125	15306977	1.42	cps
Lithium	6-1	3129413	2918713	3148853	3065660	4.16	cps
Magnesium	24-2	392087	395136	392501	393241	0.42	cps

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : K5945-01MSD Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 19:08:29 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	250928	253935	251001	251955	0.68	cps
Molybdenum	94-1	736877	731024	721080	729660	1.09	cps
Molybdenum	95-1	1271763	1257913	1247737	1259138	0.96	cps
Molybdenum	96-1	1328703	1339079	1326188	1331323	0.51	cps
Molybdenum	97-1	784736	773567	778824	779042	0.72	cps
Molybdenum	98-1	1988426	1983837	1972294	1981519	0.42	cps
Neodymium	150-1	53	80	27	53	49.99	cps
Neodymium	150-2	23	7	13	14	58.06	cps
Nickel	60-2	401438	404606	399789	401944	0.61	cps
Phosphorus	31-2	30173	29939	29171	29761	1.76	cps
Potassium	39-2	1752344	1753968	1750585	1752299	0.10	cps
Rhodium	103-1	4858483	4564682	4957575	4793580	4.26	cps
Rhodium	103-2	2278062	2284625	2280958	2281215	0.14	cps
Scandium	45-1	4780431	4439860	4864746	4695013	4.79	cps
Scandium	45-2	199790	200143	198498	199477	0.43	cps
Selenium	77-2	15462	15422	15402	15428	0.20	cps
Selenium	78-2	51465	51985	51314	51588	0.68	cps
Selenium	82-1	339367	341290	335827	338828	0.82	cps
Silicon	28-1	5731634	5755763	5679660	5722352	0.68	cps
Silver	109-1	533884	534649	527230	531921	0.77	cps
Silver	107-1	559042	556499	558414	557985	0.24	cps
Sodium	23-2	1185919	1190215	1170148	1182094	0.89	cps
Strontium	86-1	432195	429812	429154	430387	0.37	cps
Strontium	88-1	3593951	3573907	3556460	3574773	0.52	cps
Sulfur	34-1	284925	283940	282342	283736	0.46	cps
Terbium	159-1	6685578	6183829	6816190	6561866	5.09	cps
Terbium	159-2	3250116	3266296	3201925	3239446	1.03	cps
Thallium	203-1	10149032	10135493	10017684	10100736	0.72	cps
Thallium	205-1	23478078	23803851	23493399	23591776	0.78	cps
Thorium	232-1	1011	1333	1211	1185	13.73	cps
Tin	118-1	3176040	3149914	3118745	3148233	0.91	cps
Titanium	47-1	235708	235842	235146	235565	0.16	cps
Uranium	238-1	13574	13224	13116	13305	1.80	cps
Vanadium	51-2	525277	524427	523015	524240	0.22	cps
Yttrium	89-1	7240046	6767838	7407553	7138479	4.65	cps
Yttrium	89-2	1022559	1024478	1017576	1021537	0.35	cps

LB Number :	LB106474	Operator :	Jaswal
Lab Sample ID :	K5945-01MSD	Instrumnet Name :	P7
Client Sample ID :		Dilution Factor :	
Date & Time Acquired ::	2019-11-25 19:08:29	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	76131	77069	75725	76308	0.90	cps
Zirconium	90-1	10129	10955	10563	10549	3.92	cps
Zirconium	91-1	3184	3142	3167	3164	0.66	cps

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : K5945-01A Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 19:12:04 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158279	161024	157370	158891	1.20	cps
Antimony	121-1	4704914	4680113	4201039	4528688	6.27	cps
Arsenic	75-2	185428	186454	183724	185202	0.74	cps
Barium	135-1	299663	293886	293906	295818	1.13	cps
Barium	137-1	519717	512177	505397	512430	1.40	cps
Beryllium	9-1	488014	485318	480428	484587	0.79	cps
Bismuth	209-1	3549874	3526942	3472166	3516327	1.14	cps
Bismuth	209-2	2291841	2297135	2302653	2297210	0.24	cps
Boron	10-1	115076	118931	115405	116471	1.84	cps
Boron	11-1	538883	537570	536946	537800	0.18	cps
Cadmium	111-1	334953	336544	330326	333941	0.97	cps
Cadmium	106-1	32622	33056	31603	32427	2.30	cps
Cadmium	108-1	22460	22226	21475	22054	2.33	cps
Calcium	43-1	33113	32913	32136	32720	1.58	cps
Calcium	44-1	499843	501399	491652	497631	1.05	cps
Chromium	52-2	852803	849691	841474	847990	0.69	cps
Cobalt	59-2	643116	638294	630727	637379	0.98	cps
Copper	63-2	647680	646730	633003	642471	1.28	cps
Dysprosium	156-1	342595	336303	329047	335982	2.02	cps
Dysprosium	156-2	127993	127397	128306	127899	0.36	cps
Erbium	164-1	58	108	75	81	31.60	cps
Erbium	164-2	50	57	37	48	21.31	cps
Gadolinium	160-1	200	133	133	156	24.74	cps
Gadolinium	160-2	187	207	237	210	11.98	cps
Holmium	165-1	6699149	6796814	6737561	6744508	0.73	cps
Holmium	165-2	3364266	3337616	3325185	3342356	0.60	cps
Indium	115-1	5209305	5225435	5159376	5198039	0.66	cps
Indium	115-2	1072577	1073341	1064439	1070119	0.46	cps
Iron	56-2	5278381	5290624	5201075	5256693	0.92	cps
Iron	57-2	133619	135889	131988	133832	1.46	cps
Krypton	83-1	527	490	517	511	3.71	cps
Lead	206-1	3797147	3748122	3716545	3753938	1.08	cps
Lead	207-1	3255520	3247679	3182699	3228633	1.24	cps
Lead	208-1	15738187	15682382	15367470	15596013	1.28	cps
Lithium	6-1	3295766	3276893	3233816	3268825	0.97	cps
Magnesium	24-2	402768	398799	396057	399208	0.85	cps

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : K5945-01A Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 19:12:04 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	256384	258877	252692	255984	1.22	cps
Molybdenum	94-1	752299	755803	748404	752169	0.49	cps
Molybdenum	95-1	1305464	1313615	1300836	1306639	0.50	cps
Molybdenum	96-1	1390687	1392503	1369916	1384369	0.91	cps
Molybdenum	97-1	816199	811980	801033	809737	0.97	cps
Molybdenum	98-1	2057026	2068719	2003948	2043231	1.69	cps
Neodymium	150-1	40	40	53	44	17.33	cps
Neodymium	150-2	23	13	20	19	26.96	cps
Nickel	60-2	406956	409767	403504	406742	0.77	cps
Phosphorus	31-2	29372	30799	29012	29728	3.18	cps
Potassium	39-2	1788517	1782203	1745354	1772025	1.32	cps
Rhodium	103-1	5064724	5140135	5025740	5076866	1.15	cps
Rhodium	103-2	2326815	2335765	2332126	2331569	0.19	cps
Scandium	45-1	5016113	5065672	4965738	5015841	1.00	cps
Scandium	45-2	205286	204427	202549	204087	0.69	cps
Selenium	77-2	15212	15392	15539	15381	1.07	cps
Selenium	78-2	51353	52532	50824	51570	1.70	cps
Selenium	82-1	340363	343289	338264	340639	0.74	cps
Silicon	28-1	5907811	5963019	5875838	5915556	0.75	cps
Silver	109-1	542342	537111	535561	538338	0.66	cps
Silver	107-1	576132	576435	556568	569712	2.00	cps
Sodium	23-2	1200744	1212210	1187519	1200157	1.03	cps
Strontium	86-1	444514	437395	434356	438755	1.19	cps
Strontium	88-1	3629668	3625452	3590893	3615338	0.59	cps
Sulfur	34-1	283957	284050	278141	282049	1.20	cps
Terbium	159-1	6991337	6988335	6871661	6950445	0.98	cps
Terbium	159-2	3305858	3360180	3305661	3323900	0.95	cps
Thallium	203-1	10115954	10327502	10230617	10224691	1.04	cps
Thallium	205-1	24044556	24627157	23943544	24205086	1.52	cps
Thorium	232-1	1256	1183	1300	1246	4.72	cps
Tin	118-1	3256705	3275263	3241382	3257784	0.52	cps
Titanium	47-1	242725	242956	238730	241470	0.98	cps
Uranium	238-1	12165	12707	11965	12279	3.13	cps
Vanadium	51-2	534059	535201	529541	532934	0.56	cps
Yttrium	89-1	7576990	7578813	7463522	7539775	0.88	cps
Yttrium	89-2	1048189	1051197	1034145	1044510	0.87	cps

LB Number :	LB106474	Operator :	Jaswal
Lab Sample ID :	K5945-01A	Instrumnet Name :	P7
Client Sample ID :		Dilution Factor :	
Date & Time Acquired ::	2019-11-25 19:12:04	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	77189	78195	76044	77143	1.40	cps
Zirconium	90-1	9262	9287	9237	9262	0.27	cps
Zirconium	91-1	3000	2792	2759	2850	4.60	cps

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : CCV45 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 19:15:38 DataFile Name : 028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3544282	3621758	3584880	3583640	1.08	cps
Antimony	121-1	2330086	2240328	2280019	2283478	1.97	cps
Arsenic	75-2	86321	89247	87394	87654	1.69	cps
Barium	135-1	3011485	2836267	2924703	2924152	3.00	cps
Barium	137-1	5508481	5376173	5443806	5442820	1.22	cps
Beryllium	9-1	969238	943100	962971	958436	1.42	cps
Bismuth	209-1	2762300	2685201	2708279	2718593	1.46	cps
Bismuth	209-2	1757397	1799613	1764811	1773940	1.27	cps
Boron	10-1	164996	160967	166194	164052	1.67	cps
Boron	11-1	745185	723585	744340	737704	1.66	cps
Cadmium	111-1	676708	664447	671852	671002	0.92	cps
Cadmium	106-1	80111	78687	80311	79703	1.11	cps
Cadmium	108-1	54120	51548	51101	52256	3.12	cps
Calcium	43-1	5773423	5516660	5602461	5630848	2.32	cps
Calcium	44-1	90935629	88547571	89067135	89516778	1.40	cps
Chromium	52-2	886227	906351	894709	895762	1.13	cps
Cobalt	59-2	1244522	1273907	1248935	1255788	1.26	cps
Copper	63-2	1737018	1805754	1762650	1768474	1.96	cps
Dysprosium	156-1	575	433	358	456	24.15	cps
Dysprosium	156-2	153	110	127	130	16.82	cps
Erbium	164-1	75	67	75	72	6.66	cps
Erbium	164-2	50	30	47	42	25.38	cps
Gadolinium	160-1	42	108	75	75	44.44	cps
Gadolinium	160-2	140	130	177	149	16.50	cps
Holmium	165-1	5752396	5474515	5634899	5620603	2.48	cps
Holmium	165-2	2831350	2911113	2824926	2855796	1.68	cps
Indium	115-1	4176424	3950284	3955202	4027303	3.21	cps
Indium	115-2	853966	881616	866841	867474	1.59	cps
Iron	56-2	173985271	176821143	174174559	174993658	0.91	cps
Iron	57-2	4224338	4336584	4267375	4276099	1.32	cps
Krypton	83-1	470	520	470	487	5.93	cps
Lead	206-1	1631202	1594523	1612160	1612628	1.14	cps
Lead	207-1	1387337	1351062	1397743	1378714	1.78	cps
Lead	208-1	6300403	6161436	6257116	6239652	1.14	cps
Lithium	6-1	2501194	2429657	2459003	2463285	1.46	cps
Magnesium	24-2	38989090	39416510	38683640	39029747	0.94	cps

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : CCV45 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 19:15:38 DataFile Name : 028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1053814	1070142	1060602	1061519	0.77	cps
Molybdenum	94-1	6134697	5918877	6054149	6035908	1.81	cps
Molybdenum	95-1	7543848	7308254	7488493	7446865	1.65	cps
Molybdenum	96-1	8272513	8055884	8231902	8186766	1.41	cps
Molybdenum	97-1	4308482	4176367	4683938	4389595	6.00	cps
Molybdenum	98-1	11942603	11573155	11738408	11751389	1.57	cps
Neodymium	150-1	300	307	253	287	10.14	cps
Neodymium	150-2	43	50	60	51	16.42	cps
Nickel	60-2	315897	323708	319326	319644	1.22	cps
Phosphorus	31-2	4376	4459	4092	4309	4.46	cps
Potassium	39-2	18990521	19344644	18930022	19088396	1.17	cps
Rhodium	103-1	3753737	3646493	3689076	3696435	1.46	cps
Rhodium	103-2	1757186	1816996	1793943	1789375	1.69	cps
Scandium	45-1	3988262	3815318	3866098	3889893	2.29	cps
Scandium	45-2	165800	170003	168324	168043	1.26	cps
Selenium	77-2	2810	2874	2740	2808	2.38	cps
Selenium	78-2	9027	9373	8964	9121	2.42	cps
Selenium	82-1	59897	57745	58867	58836	1.83	cps
Silicon	28-1	3814381	3693656	3766379	3758139	1.62	cps
Silver	109-1	2878089	2758149	2816527	2817588	2.13	cps
Silver	107-1	2964836	2894481	2934641	2931319	1.20	cps
Sodium	23-2	77617306	78228564	77623614	77823161	0.45	cps
Strontium	86-1	908534	880000	884611	891048	1.72	cps
Strontium	88-1	8122732	7928221	7963381	8004778	1.29	cps
Sulfur	34-1	347255	345592	342294	345047	0.73	cps
Terbium	159-1	5885194	5690030	5796831	5790685	1.69	cps
Terbium	159-2	2768527	2852629	2816991	2812715	1.50	cps
Thallium	203-1	2002232	1938353	1967157	1969247	1.62	cps
Thallium	205-1	5078135	4915128	5014427	5002563	1.64	cps
Thorium	232-1	33806	31907	32380	32697	3.02	cps
Tin	118-1	2046966	1960860	2005124	2004317	2.15	cps
Titanium	47-1	2476869	2367530	2408612	2417670	2.28	cps
Uranium	238-1	7017392	6965779	7040728	7007966	0.55	cps
Vanadium	51-2	741392	758125	749683	749733	1.12	cps
Yttrium	89-1	6380420	6115814	6253156	6249797	2.12	cps
Yttrium	89-2	872217	898750	879363	883443	1.55	cps

LB Number :	LB106474	Operator :	Jaswal
Lab Sample ID :	CCV45	Instrumnet Name :	P7
Client Sample ID :		Dilution Factor :	
Date & Time Acquired ::	2019-11-25 19:15:38	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	296454	304439	303341	301412	1.44	cps
Zirconium	90-1	5180017	4970059	5141417	5097164	2.19	cps
Zirconium	91-1	1108559	1055308	1080189	1081352	2.46	cps

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : CCB45 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 19:21:17 DataFile Name : 029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	83	167	119	35.80	cps
Antimony	121-1	1225	1700	1684	1536	17.55	cps
Arsenic	75-2	19	11	28	19	43.64	cps
Barium	135-1	100	142	150	131	20.52	cps
Barium	137-1	233	208	308	250	20.82	cps
Beryllium	9-1	117	139	150	135	12.55	cps
Bismuth	209-1	2990990	3000115	2973021	2988042	0.46	cps
Bismuth	209-2	1953996	1968450	1971359	1964602	0.47	cps
Boron	10-1	3042	2942	2950	2978	1.86	cps
Boron	11-1	13348	13056	12372	12925	3.87	cps
Cadmium	111-1	1514	1691	1659	1621	5.82	cps
Cadmium	106-1	2125	2350	2325	2267	5.44	cps
Cadmium	108-1	4	13	8	8	49.98	cps
Calcium	43-1	217	250	250	239	8.05	cps
Calcium	44-1	7911	7986	7577	7825	2.78	cps
Chromium	52-2	533	577	640	583	9.20	cps
Cobalt	59-2	77	80	87	81	6.28	cps
Copper	63-2	557	567	497	540	7.01	cps
Dysprosium	156-1	125	100	117	114	11.18	cps
Dysprosium	156-2	10	20	13	14	35.26	cps
Erbium	164-1	50	42	17	36	48.03	cps
Erbium	164-2	40	33	47	40	16.68	cps
Gadolinium	160-1	50	75	42	56	31.22	cps
Gadolinium	160-2	113	160	163	146	19.20	cps
Holmium	165-1	5573639	5647817	5650473	5623976	0.78	cps
Holmium	165-2	2831410	2818119	2851843	2833790	0.60	cps
Indium	115-1	4341063	4341405	4196641	4293036	1.94	cps
Indium	115-2	922198	929463	922401	924688	0.45	cps
Iron	56-2	9014	9537	9765	9438	4.08	cps
Iron	57-2	400	417	311	376	15.10	cps
Krypton	83-1	470	540	430	480	11.60	cps
Lead	206-1	939	922	950	937	1.49	cps
Lead	207-1	922	856	878	885	3.83	cps
Lead	208-1	3489	3473	3406	3456	1.28	cps
Lithium	6-1	2550881	2565668	2586581	2567710	0.70	cps
Magnesium	24-2	1350	1192	1300	1281	6.32	cps

LB Number : LB106474 Operator : Jaswal
 Lab Sample ID : CCB45 Instrumnet Name : P7
 Client Sample ID : Dilution Factor :
 Date & Time Acquired :: 2019-11-25 19:21:17 DataFile Name : 029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	113	107	100	107	6.25	cps
Molybdenum	94-1	700	742	842	761	9.57	cps
Molybdenum	95-1	925	808	917	883	7.37	cps
Molybdenum	96-1	1033	975	1242	1083	12.94	cps
Molybdenum	97-1	625	508	600	578	10.63	cps
Molybdenum	98-1	1558	1533	1634	1575	3.31	cps
Neodymium	150-1	13	27	13	18	43.33	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	27	50	30	36	35.49	cps
Phosphorus	31-2	33	75	17	42	72.11	cps
Potassium	39-2	20465	20940	20248	20551	1.72	cps
Rhodium	103-1	4097119	4085956	4038724	4073933	0.76	cps
Rhodium	103-2	1971517	1978082	1983421	1977673	0.30	cps
Scandium	45-1	3974401	3926742	3960794	3953979	0.62	cps
Scandium	45-2	167171	168014	170566	168584	1.05	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	37	39	44	40	9.60	cps
Selenium	82-1	61	-19	54	32	138.61	cps
Silicon	28-1	179868	178731	177170	178590	0.76	cps
Silver	109-1	225	217	283	242	15.03	cps
Silver	107-1	233	217	200	217	7.69	cps
Sodium	23-2	26725	26040	26032	26265	1.51	cps
Strontium	86-1	883	983	650	839	20.39	cps
Strontium	88-1	267	392	383	347	20.13	cps
Sulfur	34-1	311279	314059	311646	312328	0.48	cps
Terbium	159-1	5789505	5765823	5827752	5794360	0.54	cps
Terbium	159-2	2811185	2794240	2830783	2812070	0.65	cps
Thallium	203-1	833	733	750	772	6.94	cps
Thallium	205-1	1542	1475	1375	1464	5.73	cps
Thorium	232-1	1428	1145	1156	1243	12.91	cps
Tin	118-1	1133	1075	1158	1122	3.81	cps
Titanium	47-1	133	175	225	178	25.82	cps
Uranium	238-1	1775	1834	1892	1834	3.18	cps
Vanadium	51-2	23	10	23	19	40.75	cps
Yttrium	89-1	6251124	6259462	6248473	6253020	0.09	cps
Yttrium	89-2	882965	883510	880320	882265	0.19	cps

LB Number :	LB106474	Operator :	Jaswal
Lab Sample ID :	CCB45	Instrumnet Name :	P7
Client Sample ID :		Dilution Factor :	
Date & Time Acquired ::	2019-11-25 19:21:17	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	237	260	187	228	16.45	cps
Zirconium	90-1	467	700	542	569	20.92	cps
Zirconium	91-1	133	183	167	161	15.80	cps