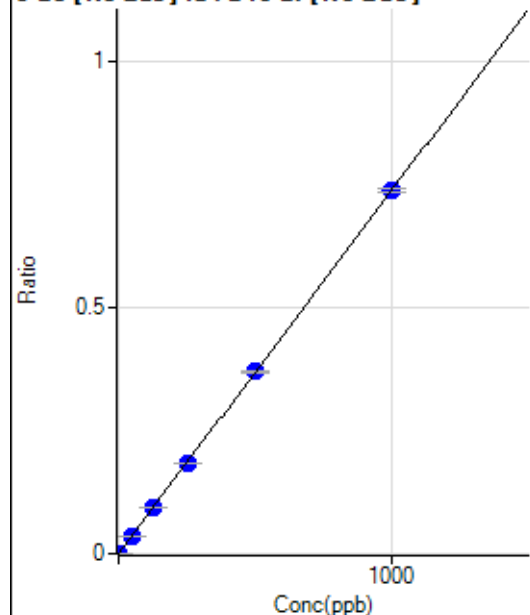


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8110420IMS.b\
Analysis File: P8110420IMS.batch.bin
DA Date-Time: 2020-11-04 14:20:24
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2020-11-04 09:20:45
2	004CALS.d	S02	2020-11-04 09:23:56
3	005CALS.d	S03	2020-11-04 09:27:05
4	006CALS.d	S04	2020-11-04 09:30:15
5	007CALS.d	S05	2020-11-04 09:33:18
6	008CALS.d	S06	2020-11-04 09:36:18
7	009CALS.d	S07	2020-11-04 09:39:17
8	010CALS.d	S08	2020-11-04 09:42:17

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	43.99	0.0000	P	5.9
2	☐	1.000	0.919	715.88	0.0007	P	5.8
3	☐	50.000	49.956	36833.09	0.0369	P	1.0
4	☐	125.000	124.836	93467.97	0.0921	P	0.2
5	☐	250.000	248.593	183868.03	0.1833	P	1.4
6	☐	500.000	501.487	365540.40	0.3696	P	1.5
7	☐	1000.000	999.631	709020.34	0.7368	P	1.1
8	☐			488.58	0.0005	P	4.1

$$y = 7.3702\text{E-}004 * x + 4.4063\text{E-}005$$

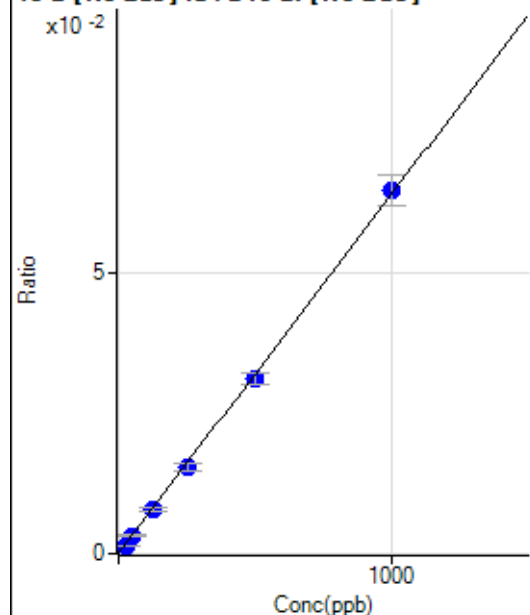
$$R = 1.0000$$

$$DL = 0.01052$$

$$BEC = 0.05979$$

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	79.32	0.0001	P	13.3
2	☐	25.000	21.447	1437.79	0.0014	P	6.0
3	☐	50.000	49.448	3234.39	0.0032	P	8.3
4	☐	125.000	120.850	7917.24	0.0078	P	7.4
5	☐	250.000	238.861	15385.04	0.0153	P	8.7
6	☐	500.000	487.263	30880.86	0.0312	P	5.9
7	☐	1000.000	1009.788	62140.91	0.0646	P	8.4
8	☐			7949.93	0.0081	P	10.9

$$y = 6.3890\text{E-}005 * x + 7.9502\text{E-}005$$

$$R = 0.9998$$

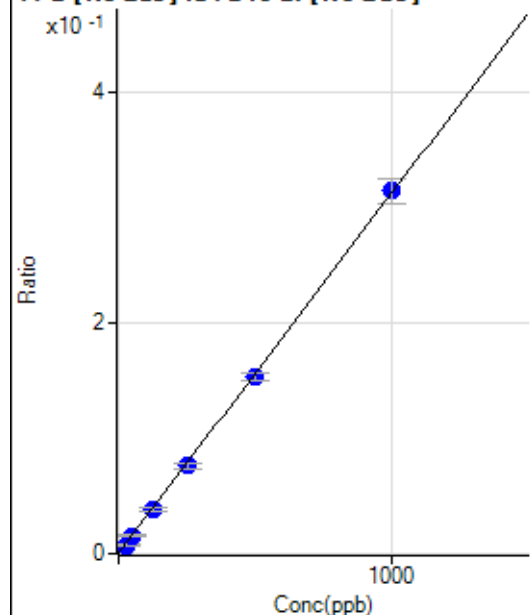
$$DL = 0.4957$$

$$BEC = 1.244$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	350.60	0.0004	P	12.0
2	☐	25.000	21.974	7139.00	0.0072	P	8.2
3	☐	50.000	48.806	15539.14	0.0156	P	7.9
4	☐	125.000	120.732	38544.04	0.0380	P	8.3
5	☐	250.000	242.618	76192.77	0.0760	P	7.3
6	☐	500.000	491.276	151838.01	0.1535	P	4.9
7	☐	1000.000	1006.876	302234.75	0.3142	P	7.1
8	☐			38369.66	0.0389	P	11.4

$$y = 3.1166\text{E-}004 * x + 3.5096\text{E-}004$$

$$R = 0.9999$$

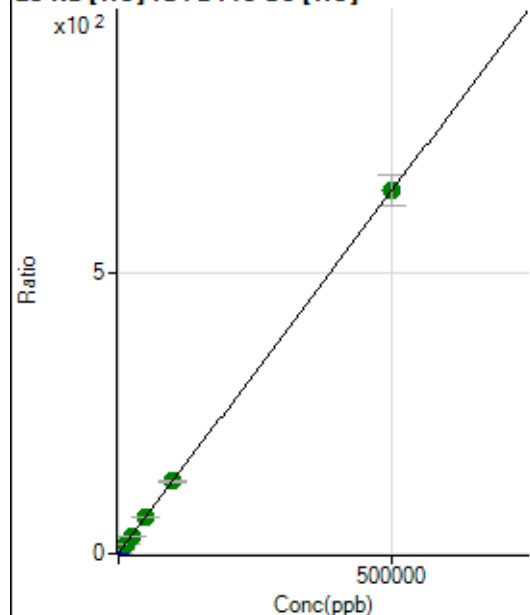
$$DL = 0.4055$$

$$BEC = 1.126$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	51025.90	0.5079	P	0.1
2	☐	500.000	487.603	113668.56	1.1373	P	1.2
3	☐	5000.000	5020.040	709719.43	6.9880	P	2.2
4	☐	12500.000	12712.253	1704959.30	16.9176	A	0.6
5	☐	25000.000	24312.023	3281473.84	31.8912	A	2.8
6	☐	50000.000	49161.293	6495909.82	63.9681	A	1.2
7	☐	100000.00	99234.930	13013198.47	128.6060	A	0.6
8	☐	500000.00	500265.78	62014347.22	646.2795	A	8.4

$$y = 0.0013 * x + 0.5079$$

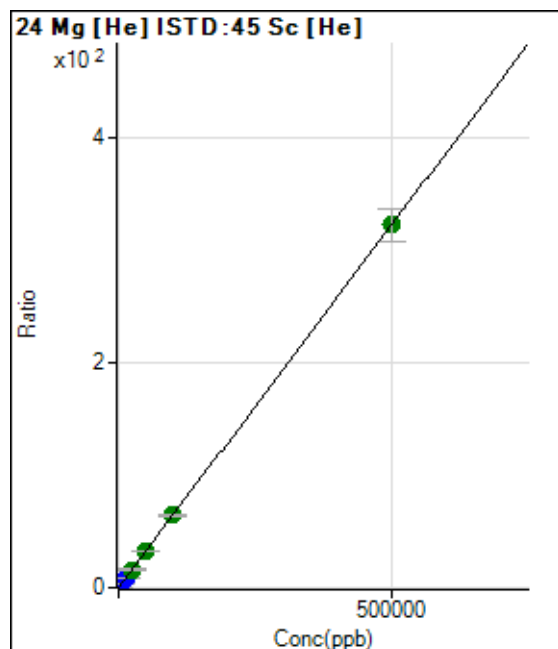
$$R = 1.0000$$

$$DL = 1.509$$

$$BEC = 393.4$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	680.59	0.0068	P	10.0
2	☐	500.000	499.197	32857.01	0.3287	P	1.2
3	☐	5000.000	5088.365	334023.10	3.2886	P	1.6
4	☐	12500.000	13045.847	848633.38	8.4208	P	0.3
5	☐	25000.000	24924.225	1654819.05	16.0818	A	2.8
6	☐	50000.000	49396.379	3235909.08	31.8653	A	1.2
7	☐	100000.00	99539.050	6496786.43	64.2053	A	0.3
8	☐	500000.00	500141.81	30944748.26	322.5771	A	8.9

$$y = 6.4496E-004 * x + 0.0068$$

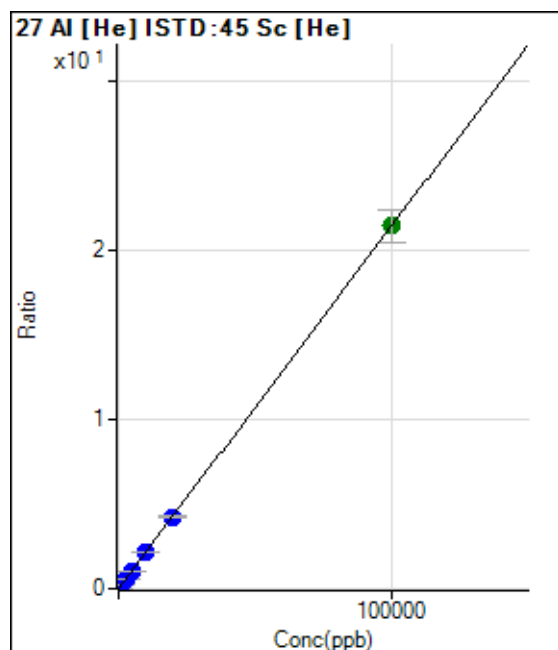
R = 1.0000

DL = 3.157

BEC = 10.5

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	475.78	0.0047	P	4.2
2	☐	20.000	18.749	874.09	0.0087	P	3.1
3	☐	1000.000	991.767	22034.26	0.2169	P	1.2
4	☐	2500.000	2500.347	54389.75	0.5397	P	0.6
5	☐	5000.000	4897.738	108314.17	1.0526	P	2.6
6	☐	10000.000	9949.480	216654.11	2.1335	P	0.9
7	☐	20000.000	19813.476	429423.74	4.2439	P	0.6
8	☐	100000.00	100047.54	2053467.98	21.4102	A	9.4

$$y = 2.1395E-004 * x + 0.0047$$

R = 1.0000

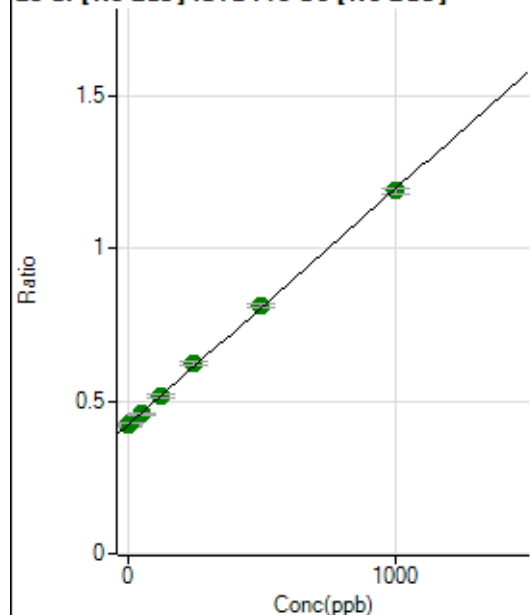
DL = 2.787

BEC = 22.13

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	1025698.66	0.4207	A	1.8
2	☐	10.000	11.167	1048282.33	0.4293	A	0.4
3	☐	50.000	46.777	1125996.62	0.4568	A	1.9
4	☐	125.000	122.477	1278617.92	0.5152	A	1.7
5	☐	250.000	264.344	1530886.79	0.6248	A	2.1
6	☐	500.000	505.821	1993381.34	0.8112	A	2.0
7	☐	1000.000	993.969	2904321.31	1.1881	A	1.6
8	☐			1284631.10	0.5238	A	2.2

$$y = 7.7210E-004 * x + 0.4207$$

R = 0.9998

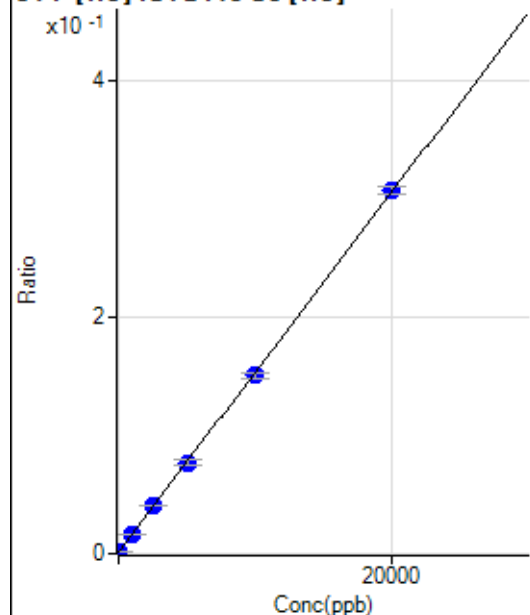
DL = 29.83

BEC = 544.8

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-1.063	130.56	0.0013	P	20.8
2	☐	0.000	1.063	133.34	0.0013	P	21.8
3	☐	1000.000	994.968	1672.36	0.0165	P	6.5
4	☐	2500.000	2581.167	4095.15	0.0406	P	2.6
5	☐	5000.000	4947.860	7888.46	0.0767	P	6.3
6	☐	10000.000	9824.634	15333.45	0.1510	P	2.9
7	☐	20000.000	20090.824	31103.50	0.3074	P	2.0
8	☐			194.45	0.0020	P	16.4

$$y = 1.5235E-005 * x + 0.0013$$

R = 0.9999

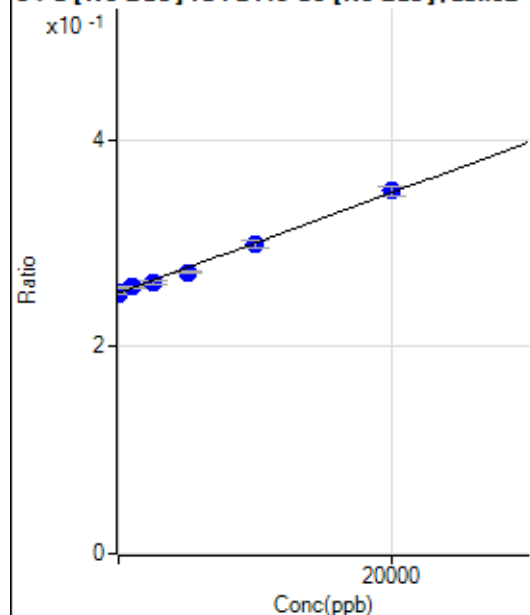
DL = 55.27

BEC = 86.39

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-47.199	614004.76	0.2518	P	0.8
2	☐	0.000	47.199	615969.92	0.2523	P	1.1
3	☐	1000.000	1205.850	635742.33	0.2579	P	0.4
4	☐	2500.000	1986.342	649336.00	0.2617	P	1.7
5	☐	5000.000	4165.839	667097.72	0.2722	P	0.8
6	☐	10000.000	9850.447	736554.60	0.2998	P	2.5
7	☐	20000.000	20337.231	857049.08	0.3507	P	2.6
8	☐			561475.73	0.2290	P	0.7

$$y = 4.8500\text{E-}006 * x + 0.2520$$

$$R = 0.9986$$

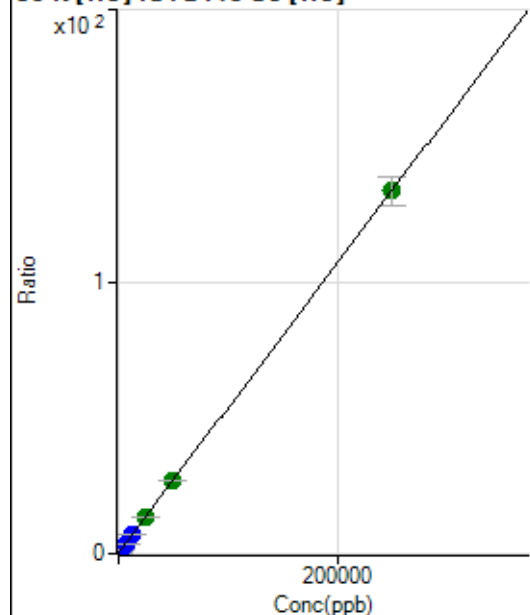
$$DL = 1516$$

$$BEC = 5.197\text{E+}04$$

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	30329.81	0.3019	P	0.3
2	☐	500.000	451.844	54205.26	0.5423	P	1.4
3	☐	2500.000	2529.313	167362.52	1.6477	P	1.2
4	☐	6250.000	6394.217	373298.27	3.7041	P	0.2
5	☐	12500.000	12405.237	710285.21	6.9025	P	2.3
6	☐	25000.000	24766.178	1368917.60	13.4796	A	0.7
7	☐	50000.000	49506.250	2695995.50	26.6434	A	0.3
8	☐	250000.00	250123.06	12804860.62	133.3887	A	7.7

$$y = 5.3209\text{E-}004 * x + 0.3019$$

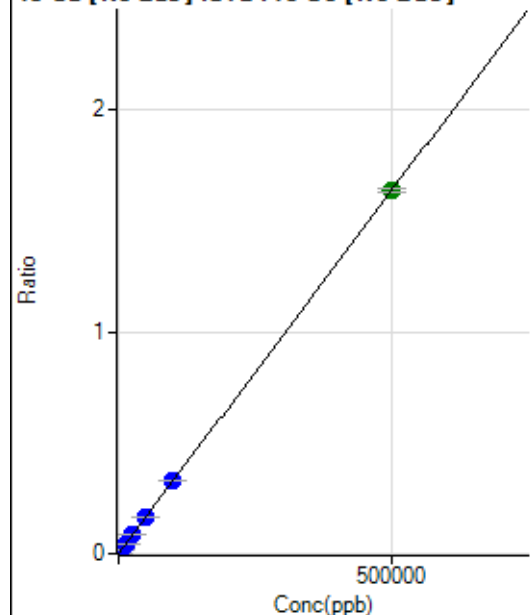
$$R = 1.0000$$

$$DL = 5.097$$

$$BEC = 567.3$$

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	307.47	0.0001	P	2.6
2	☐	500.000	489.470	4216.77	0.0017	P	3.3
3	☐	5000.000	5007.173	40682.41	0.0165	P	0.8
4	☐	12500.000	12495.952	101735.52	0.0410	P	1.4
5	☐	25000.000	25253.566	202704.12	0.0827	P	0.1
6	☐	50000.000	50348.363	404937.73	0.1648	P	1.2
7	☐	100000.00	100761.96	805875.56	0.3297	P	1.5
8	☐	500000.00	499800.13	4009223.41	1.6348	A	1.1

$$y = 3.2706\text{E-}006 * x + 1.2613\text{E-}004$$

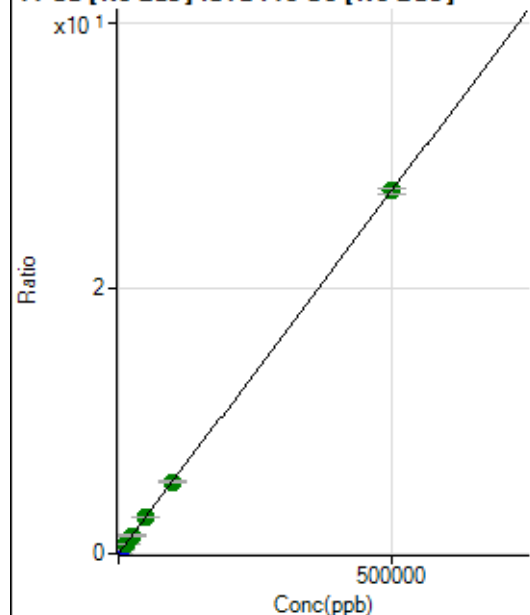
$$R = 1.0000$$

$$DL = 3.053$$

$$BEC = 38.56$$

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	28133.58	0.0115	P	2.5
2	☐	500.000	479.306	92131.40	0.0377	P	1.4
3	☐	5000.000	5012.950	703727.54	0.2855	P	1.1
4	☐	12500.000	12571.287	1733393.25	0.6985	A	1.2
5	☐	25000.000	24938.217	3367634.78	1.3742	A	0.4
6	☐	50000.000	49856.369	6722325.61	2.7359	A	1.6
7	☐	100000.00	99168.763	13277289.42	5.4305	A	0.2
8	☐	500000.00	500181.80	67059339.36	27.3432	A	1.7

$$y = 5.4643\text{E-}005 * x + 0.0115$$

$$R = 1.0000$$

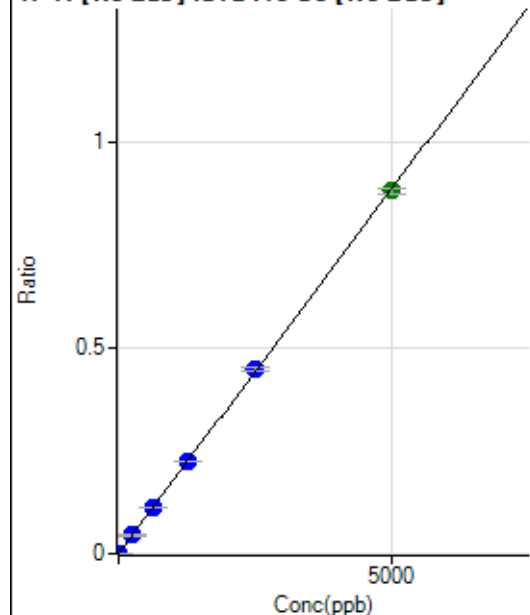
$$DL = 16.02$$

$$BEC = 211.2$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	447.24	0.0002	P	9.8
2	☐	5.000	4.743	2494.73	0.0010	P	8.0
3	☐	250.000	251.313	109968.24	0.0446	P	1.4
4	☐	625.000	624.823	274556.20	0.1106	P	1.5
5	☐	1250.000	1272.836	551814.30	0.2252	P	0.6
6	☐	2500.000	2534.572	1101238.85	0.4482	P	2.3
7	☐	5000.000	4976.962	2151059.12	0.8800	A	1.5
8	☐			1063.96	0.0004	P	11.1

$$y = 1.7677E-004 * x + 1.8337E-004$$

$$R = 1.0000$$

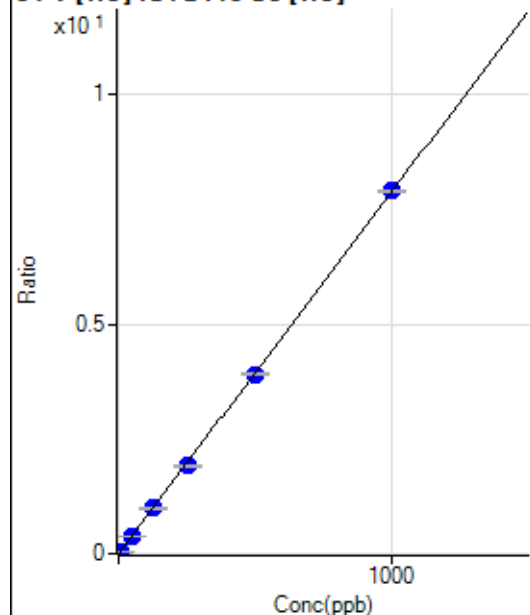
$$DL = 0.3037$$

$$BEC = 1.037$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13.33	0.0001	P	25.3
2	☐	5.000	4.920	3882.79	0.0389	P	2.3
3	☐	50.000	49.964	39953.37	0.3933	P	0.4
4	☐	125.000	125.021	99156.96	0.9839	P	0.7
5	☐	250.000	243.024	196815.55	1.9125	P	1.9
6	☐	500.000	496.705	396944.40	3.9088	P	0.5
7	☐	1000.000	1003.391	798964.09	7.8960	P	0.7
8	☐			308.90	0.0032	P	7.8

$$y = 0.0079 * x + 1.3277E-004$$

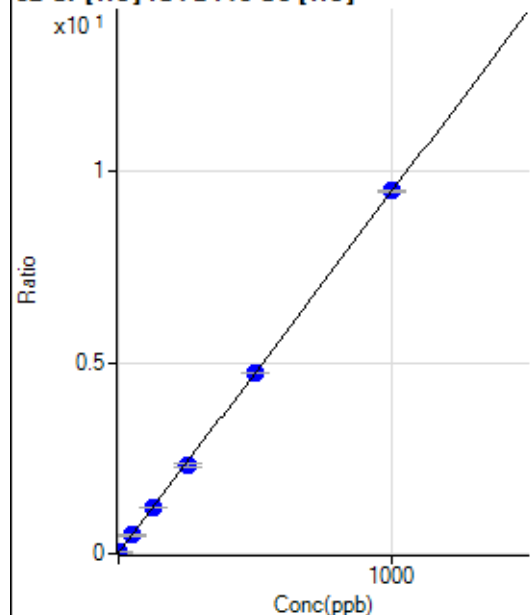
$$R = 1.0000$$

$$DL = 0.01282$$

$$BEC = 0.01687$$

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	886.70	0.0088	P	1.5
2	☐	2.000	1.973	2746.96	0.0275	P	4.1
3	☐	50.000	49.827	48729.32	0.4797	P	1.6
4	☐	125.000	124.999	119947.61	1.1902	P	0.6
5	☐	250.000	243.571	237790.44	2.3109	P	2.6
6	☐	500.000	498.302	479152.84	4.7184	P	0.8
7	☐	1000.000	1002.465	959586.89	9.4833	P	0.2
8	☐			4590.79	0.0477	P	3.5

$$y = 0.0095 * x + 0.0088$$

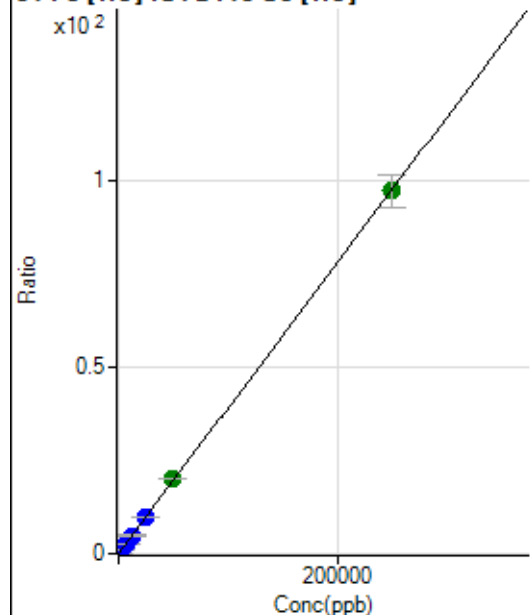
$$R = 1.0000$$

$$DL = 0.04264$$

$$BEC = 0.9338$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	400.01	0.0040	P	4.0
2	☐	50.000	53.150	2468.77	0.0247	P	4.5
3	☐	2500.000	2569.529	102119.46	1.0055	P	2.3
4	☐	6250.000	6405.769	252012.59	2.5006	P	0.6
5	☐	12500.000	12536.065	503173.43	4.8899	P	2.5
6	☐	25000.000	25549.216	1011636.97	9.9618	P	0.6
7	☐	50000.000	51331.510	2024842.67	20.0104	A	1.1
8	☐	250000.00	249672.38	9333505.53	97.3137	A	9.3

$$y = 3.8975E-004 * x + 0.0040$$

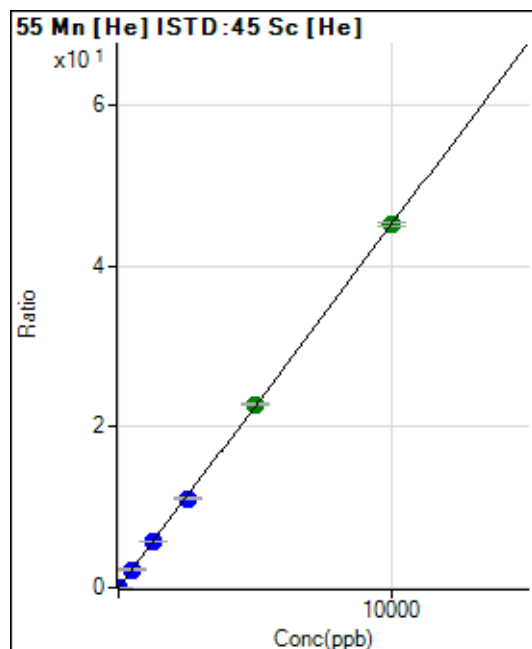
$$R = 1.0000$$

$$DL = 1.222$$

$$BEC = 10.22$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	205.56	0.0020	P	3.2
2	☐	1.000	1.063	684.47	0.0069	P	10.2
3	☐	500.000	500.882	230184.71	2.2661	P	0.7
4	☐	1250.000	1266.508	577118.57	5.7267	P	0.4
5	☐	2500.000	2443.567	1136754.71	11.0471	P	2.5
6	☐	5000.000	5050.914	2318646.88	22.8325	A	1.0
7	☐	10000.000	9986.544	4567830.83	45.1419	A	1.1
8	☐			5170.98	0.0538	P	6.7

$$y = 0.0045 * x + 0.0020$$

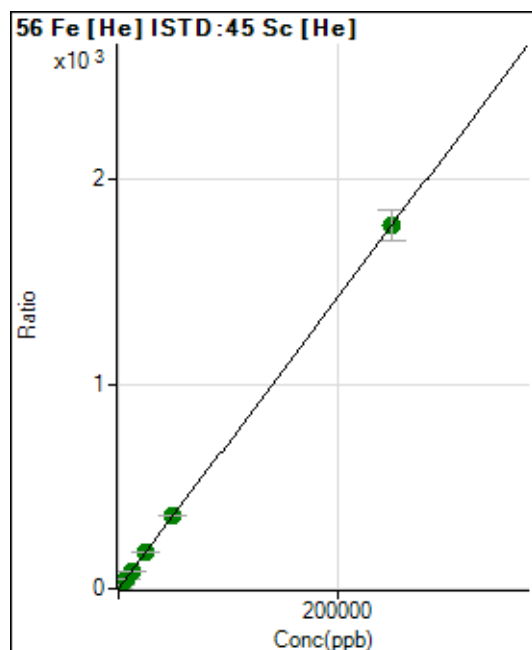
$$R = 1.0000$$

$$DL = 0.04344$$

$$BEC = 0.4526$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2933.69	0.0292	P	2.4
2	☐	50.000	50.204	38516.88	0.3854	P	2.4
3	☐	2500.000	2537.818	1831851.38	18.0355	A	1.6
4	☐	6250.000	6249.144	4471184.45	44.3680	A	0.6
5	☐	12500.000	12197.563	8907444.70	86.5731	A	3.5
6	☐	25000.000	25082.246	18075267.30	177.9922	A	0.7
7	☐	50000.000	50216.638	36055752.42	356.3252	A	0.7
8	☐	250000.00	249963.21	170187174.1	1,773.562	A	8.4

$$y = 0.0071 * x + 0.0292$$

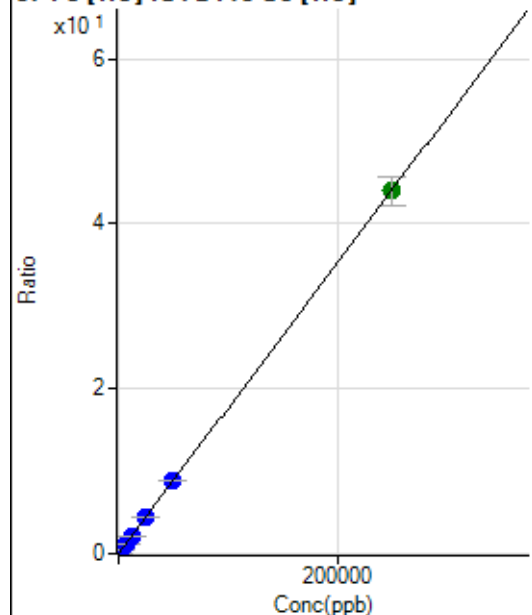
$$R = 1.0000$$

$$DL = 0.2937$$

$$BEC = 4.116$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	146.30	0.0015	P	28.2
2	☐	50.000	49.298	1013.02	0.0101	P	2.4
3	☐	2500.000	2506.660	44980.34	0.4428	P	0.9
4	☐	6250.000	6291.453	111780.43	1.1092	P	0.4
5	☐	12500.000	12350.783	223898.12	2.1761	P	3.3
6	☐	25000.000	25203.914	450790.31	4.4391	P	1.3
7	☐	50000.000	50519.122	900188.75	8.8964	P	1.5
8	☐	250000.00	249882.14	4223381.86	43.9984	A	7.8

$$y = 1.7607\text{E-}004 * x + 0.0015$$

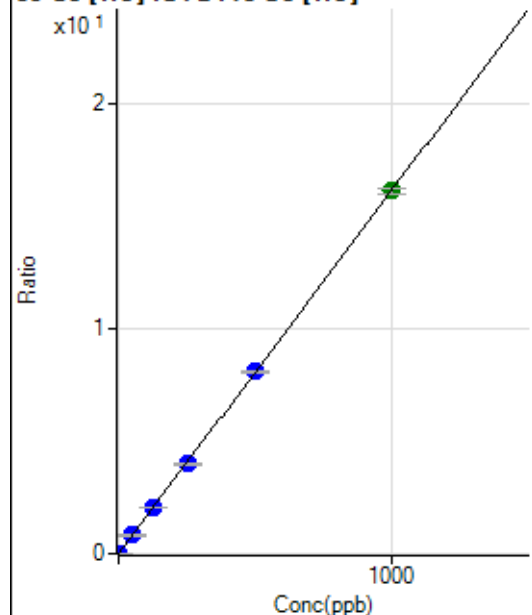
$$R = 1.0000$$

$$DL = 6.997$$

$$BEC = 8.266$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	56.67	0.0006	P	36.5
2	☐	1.000	0.979	1635.66	0.0164	P	2.2
3	☐	50.000	50.722	83174.29	0.8189	P	1.8
4	☐	125.000	127.063	206657.77	2.0506	P	0.3
5	☐	250.000	246.505	409317.92	3.9777	P	2.2
6	☐	500.000	502.051	822617.76	8.1006	P	1.1
7	☐	1000.000	999.554	1631877.42	16.1274	A	1.3
8	☐			3177.05	0.0331	P	6.5

$$y = 0.0161 * x + 5.6377\text{E-}004$$

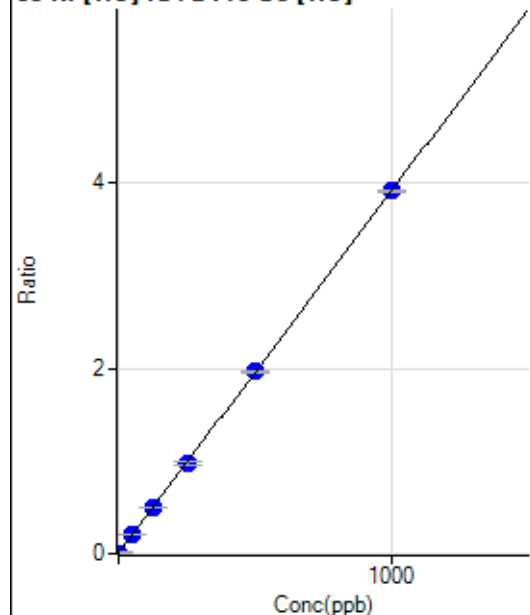
$$R = 1.0000$$

$$DL = 0.03825$$

$$BEC = 0.03494$$

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	582.41	0.0058	P	9.0
2	☐	1.000	1.070	997.66	0.0100	P	13.5
3	☐	50.000	50.858	20806.80	0.2049	P	3.7
4	☐	125.000	126.788	50604.67	0.5022	P	1.6
5	☐	250.000	248.378	100654.57	0.9782	P	2.5
6	☐	500.000	500.838	199708.62	1.9665	P	1.0
7	☐	1000.000	999.720	396617.76	3.9196	P	0.8
8	☐			1944.34	0.0203	P	12.4

$$y = 0.0039 * x + 0.0058$$

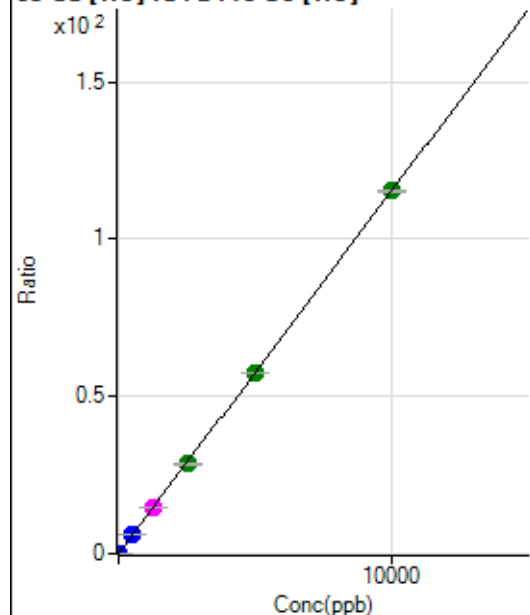
$$R = 1.0000$$

$$DL = 0.4007$$

$$BEC = 1.481$$

Weight: <None>

Min Conc: 0

63 Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	790.03	0.0079	P	10.5
2	☐	2.000	2.488	3652.73	0.0365	P	0.9
3	☐	500.000	511.523	599713.16	5.9043	P	1.4
4	☐	1250.000	1284.447	1492896.64	14.8141	M	1.1
5	☐	2500.000	2486.755	2950514.99	28.6734	A	2.4
6	☐	5000.000	4988.456	5840305.61	57.5113	A	0.8
7	☐	10000.000	10004.201	11669887.74	115.3293	A	0.3
8	☐			9511.03	0.0990	P	6.3

$$y = 0.0115 * x + 0.0079$$

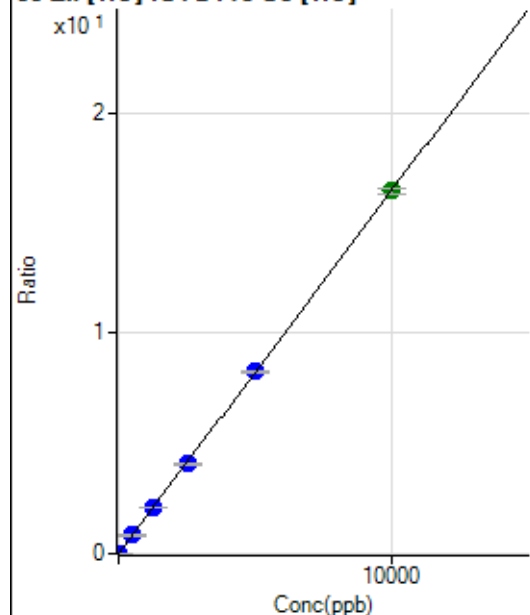
$$R = 1.0000$$

$$DL = 0.2145$$

$$BEC = 0.6821$$

Weight: <None>

Min Conc: 0

66 Zn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	94.44	0.0009	P	20.4
2	☐	2.000	2.114	442.23	0.0044	P	10.1
3	☐	500.000	506.337	84859.67	0.8355	P	2.0
4	☐	1250.000	1274.351	211764.55	2.1014	P	0.9
5	☐	2500.000	2463.706	417948.19	4.0617	P	2.6
6	☐	5000.000	5019.242	840214.93	8.2739	P	0.9
7	☐	10000.000	9996.092	1667224.71	16.4769	A	1.6
8	☐			4937.57	0.0514	P	8.4

$$y = 0.0016 * x + 9.4043E-004$$

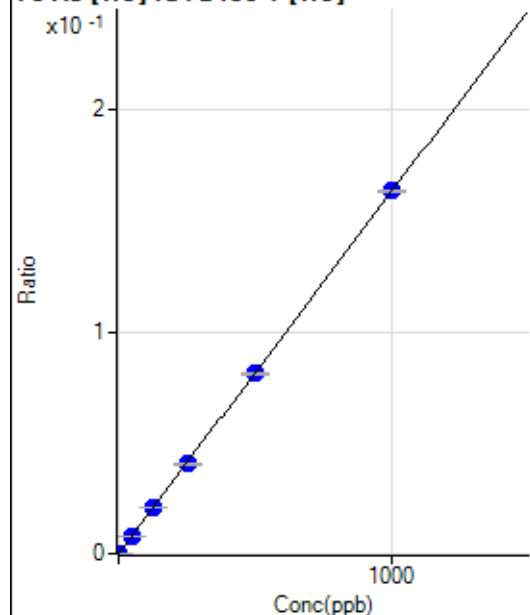
$$R = 1.0000$$

$$DL = 0.3488$$

$$BEC = 0.5706$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6.00	0.0000	P	16.0
2	☐	1.000	0.983	128.35	0.0002	P	10.2
3	☐	50.000	48.956	6223.00	0.0080	P	2.4
4	☐	125.000	125.514	15810.75	0.0205	P	0.7
5	☐	250.000	247.123	31495.06	0.0403	P	3.1
6	☐	500.000	496.963	63282.90	0.0811	P	0.3
7	☐	1000.000	1002.226	126699.10	0.1636	P	0.7
8	☐			84.68	0.0001	P	5.3

$$y = 1.6322E-004 * x + 7.7976E-006$$

$$R = 1.0000$$

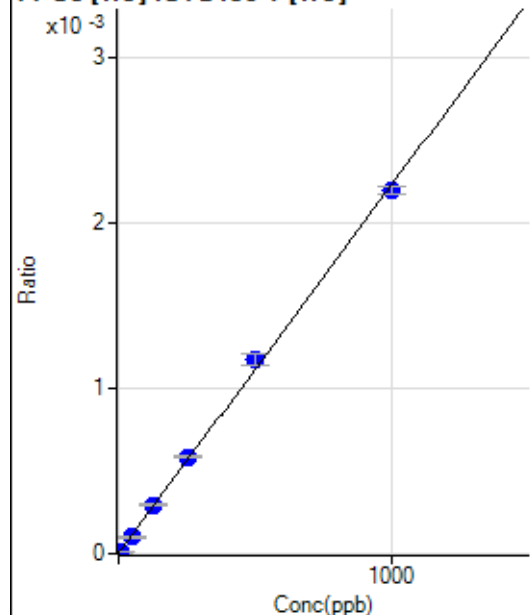
$$DL = 0.02293$$

$$BEC = 0.04777$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3.33	0.0000	P	100.1
2	☐	5.000	1.990	6.67	0.0000	P	49.9
3	☐	50.000	44.942	81.11	0.0001	P	11.1
4	☐	125.000	130.278	226.67	0.0003	P	5.0
5	☐	250.000	260.679	455.56	0.0006	P	2.9
6	☐	500.000	525.591	914.48	0.0012	P	6.2
7	☐	1000.000	984.143	1696.79	0.0022	P	2.2
8	☐			1.11	0.0000	P	173.2

$$y = 2.2219\text{E-}006 * x + 4.3162\text{E-}006$$

$$R = 0.9994$$

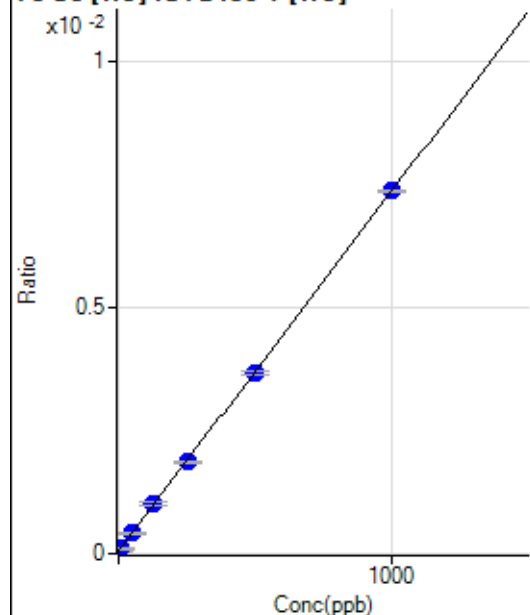
$$DL = 5.833$$

$$BEC = 1.943$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	40.67	0.0001	P	17.6
2	☐	5.000	7.097	80.01	0.0001	P	17.9
3	☐	50.000	50.237	327.04	0.0004	P	7.7
4	☐	125.000	131.615	783.77	0.0010	P	6.8
5	☐	250.000	246.803	1451.22	0.0019	P	3.3
6	☐	500.000	497.364	2880.59	0.0037	P	2.1
7	☐	1000.000	1001.268	5716.07	0.0074	P	0.6
8	☐			48.01	0.0001	P	23.8

$$y = 7.3179\text{E-}006 * x + 5.2903\text{E-}005$$

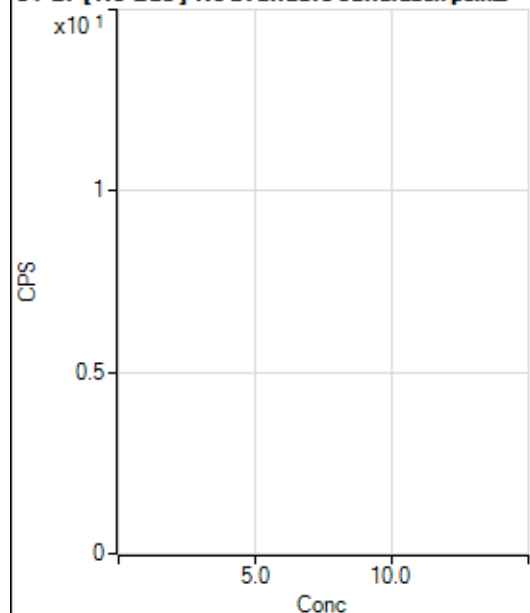
$$R = 1.0000$$

$$DL = 3.809$$

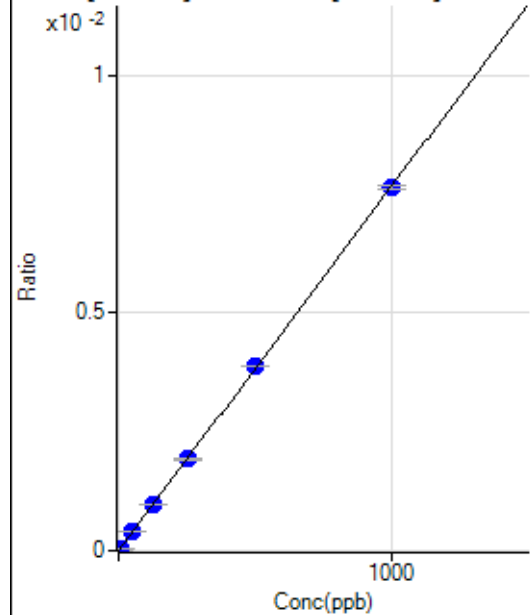
$$BEC = 7.229$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2362.63		P	4.0
2	☐			2492.78		P	2.9
3	☐			2532.86		P	6.9
4	☐			2516.16		P	6.1
5	☐			2469.44		P	9.2
6	☐			2399.35		P	5.5
7	☐			2562.88		P	1.8
8	☐			2693.03		P	9.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-5.14	0.0000	P	-802.
2	☐	5.000	4.664	235.44	0.0000	P	27.5
3	☐	50.000	52.083	2696.96	0.0004	P	2.2
4	☐	125.000	127.333	6607.70	0.0010	P	1.9
5	☐	250.000	251.351	13092.92	0.0019	P	1.9
6	☐	500.000	506.654	26347.75	0.0039	P	0.6
7	☐	1000.000	995.941	51731.97	0.0076	P	0.9
8	☐			38.35	0.0000	P	120.3

$$y = 7.6564E-006 * x - 8.0548E-007$$

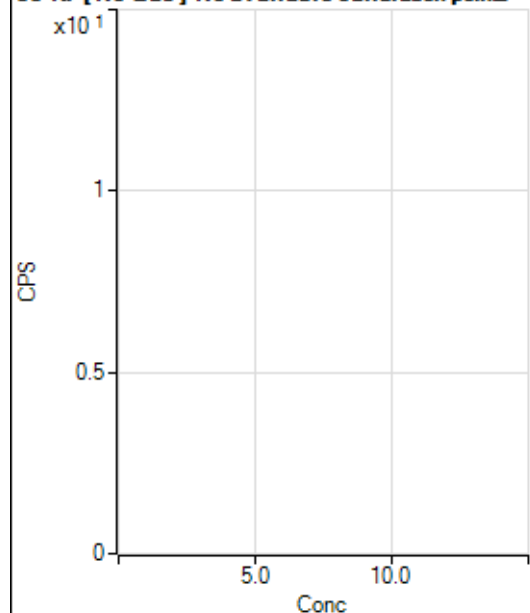
$$R = 1.0000$$

$$DL = 2.532$$

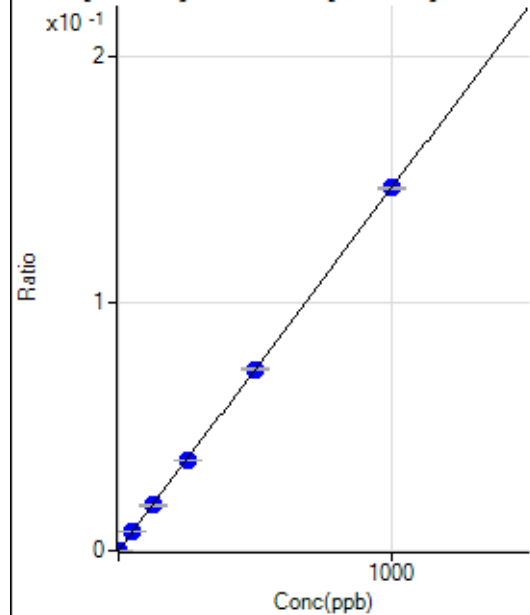
$$BEC = -0.1052$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			383.34		P	9.7
2	☐			374.45		P	10.0
3	☐			351.12		P	7.7
4	☐			350.01		P	18.8
5	☐			385.57		P	3.0
6	☐			340.01		P	6.0
7	☐			373.34		P	4.1
8	☐			348.90		P	11.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	575.03	0.0001	P	6.6
2	☐	1.000	1.105	1661.26	0.0002	P	10.7
3	☐	50.000	50.710	50951.51	0.0075	P	0.5
4	☐	125.000	124.684	124548.67	0.0184	P	2.3
5	☐	250.000	248.918	248955.52	0.0366	P	1.3
6	☐	500.000	499.785	498254.26	0.0734	P	0.8
7	☐	1000.000	1000.382	995568.24	0.1467	P	0.4
8	☐			6368.31	0.0009	P	1.4

$$y = 1.4659\text{E-}004 * x + 8.4591\text{E-}005$$

$$R = 1.0000$$

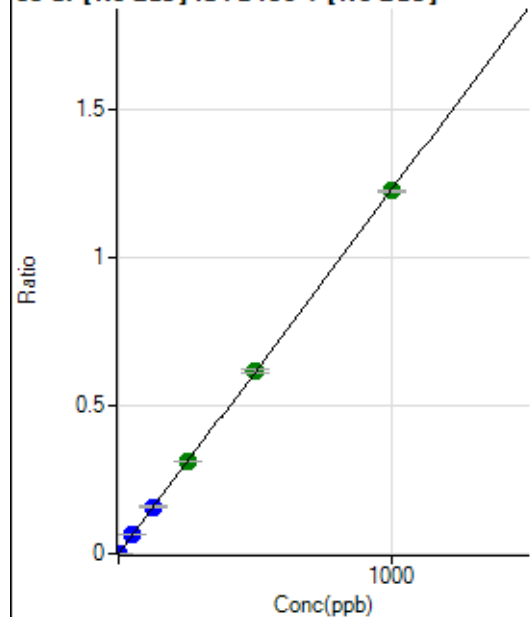
$$DL = 0.1145$$

$$BEC = 0.577$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	269.45	0.0000	P	28.0
2	☐	1.000	1.015	8672.35	0.0013	P	3.7
3	☐	50.000	50.906	424235.05	0.0626	P	0.8
4	☐	125.000	128.204	1068945.62	0.1576	P	2.1
5	☐	250.000	251.733	2106268.62	0.3094	A	0.3
6	☐	500.000	502.922	4198694.80	0.6181	A	1.6
7	☐	1000.000	997.660	8318732.74	1.2261	A	0.5
8	☐			47712.83	0.0070	P	1.2

$$y = 0.0012 * x + 3.9652E-005$$

$$R = 1.0000$$

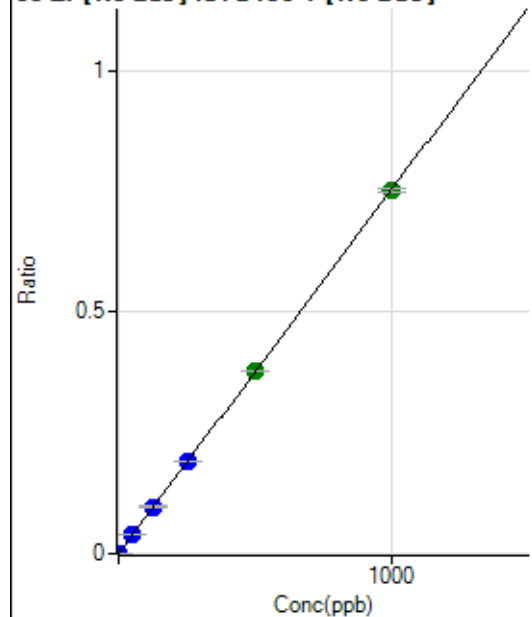
$$DL = 0.0271$$

$$BEC = 0.03227$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	258.34	0.0000	P	7.8
2	☐	1.000	0.973	5195.55	0.0008	P	2.5
3	☐	50.000	51.340	262425.65	0.0387	P	1.5
4	☐	125.000	128.476	656986.26	0.0968	P	1.7
5	☐	250.000	254.528	1305834.27	0.1918	P	0.7
6	☐	500.000	503.456	2577393.87	0.3794	A	0.2
7	☐	1000.000	996.639	5095708.27	0.7510	A	1.1
8	☐			2166.90	0.0003	P	2.2

$$y = 7.5353E-004 * x + 3.8002E-005$$

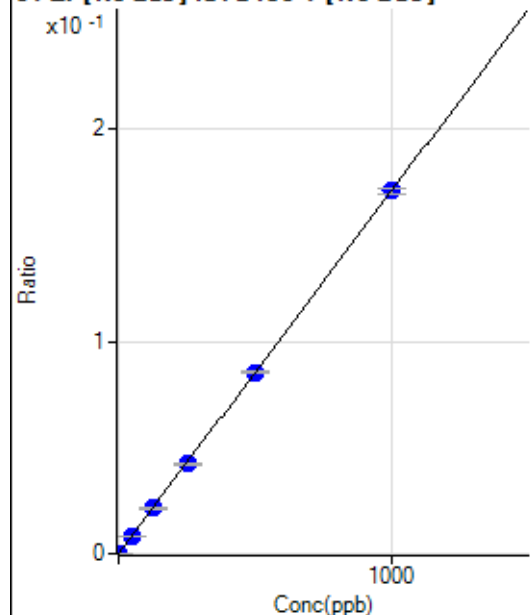
$$R = 1.0000$$

$$DL = 0.01178$$

$$BEC = 0.05043$$

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	69.45	0.0000	P	59.0
2	☐	1.000	0.901	1105.63	0.0002	P	5.7
3	☐	50.000	49.586	57491.16	0.0085	P	1.3
4	☐	125.000	125.832	145909.09	0.0215	P	2.8
5	☐	250.000	248.537	289139.49	0.0425	P	1.8
6	☐	500.000	500.523	581036.82	0.0855	P	1.1
7	☐	1000.000	1000.021	1159490.70	0.1709	P	1.3
8	☐			602.81	0.0001	P	13.6

$$y = 1.7088\text{E-}004 * x + 1.0217\text{E-}005$$

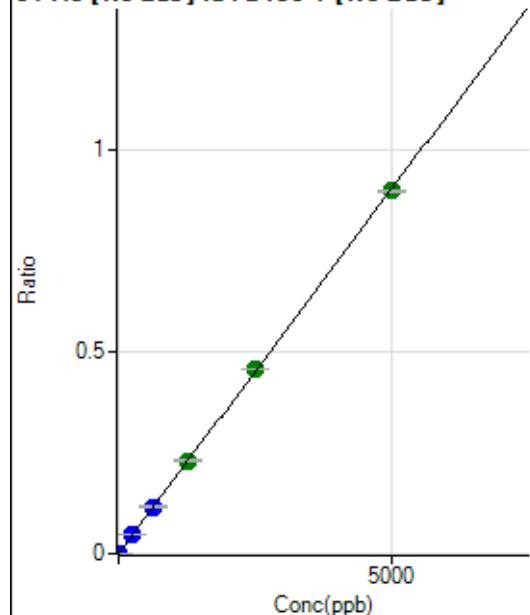
$$R = 1.0000$$

$$DL = 0.1058$$

$$BEC = 0.05979$$

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	136.12	0.0000	P	22.7
2	☐	5.000	4.940	6140.41	0.0009	P	5.2
3	☐	250.000	252.792	309179.08	0.0456	P	0.3
4	☐	625.000	643.227	787245.11	0.1161	P	2.1
5	☐	1250.000	1272.719	1562729.80	0.2296	A	2.3
6	☐	2500.000	2531.349	3102080.84	0.4567	A	0.4
7	☐	5000.000	4976.228	6090606.73	0.8977	A	0.2
8	☐			2692.00	0.0004	P	6.1

$$y = 1.8039\text{E-}004 * x + 2.0064\text{E-}005$$

$$R = 1.0000$$

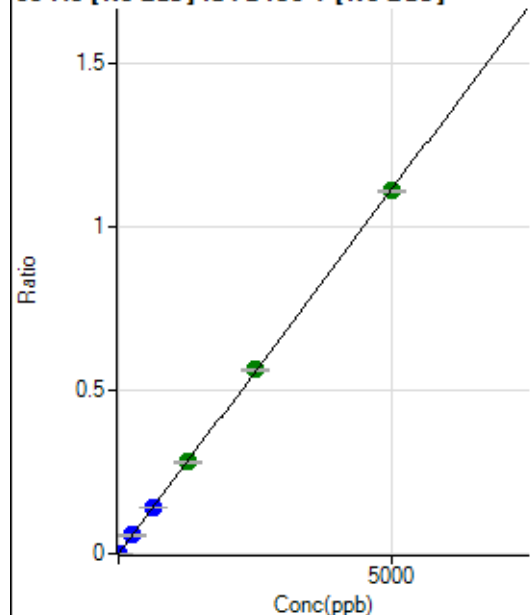
$$DL = 0.07564$$

$$BEC = 0.1112$$

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	22.22	0.0000	P	94.0
2	☐	5.000	4.927	7418.88	0.0011	P	2.7
3	☐	250.000	251.681	379999.95	0.0561	P	1.2
4	☐	625.000	638.904	965718.06	0.1423	P	1.1
5	☐	1250.000	1260.325	1911220.14	0.2808	A	1.6
6	☐	2500.000	2524.509	3820310.24	0.5624	A	1.1
7	☐	5000.000	4983.342	7532549.04	1.1102	A	0.8
8	☐			3100.43	0.0005	P	7.2

$$y = 2.2278\text{E-}004 * x + 3.2815\text{E-}006$$

$$R = 1.0000$$

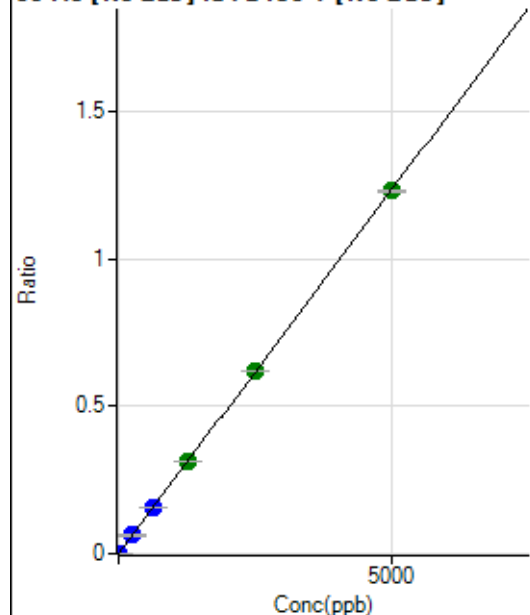
$$DL = 0.04153$$

$$BEC = 0.01473$$

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	69.45	0.0000	P	41.8
2	☐	5.000	4.899	8210.96	0.0012	P	4.1
3	☐	250.000	251.284	420097.20	0.0620	P	0.7
4	☐	625.000	631.850	1057279.80	0.1559	P	1.2
5	☐	1250.000	1268.893	2130436.96	0.3130	A	1.0
6	☐	2500.000	2512.558	4209740.68	0.6197	A	0.6
7	☐	5000.000	4988.077	8347307.57	1.2303	A	0.2
8	☐			3845.10	0.0006	P	3.0

$$y = 2.4665\text{E-}004 * x + 1.0201\text{E-}005$$

$$R = 1.0000$$

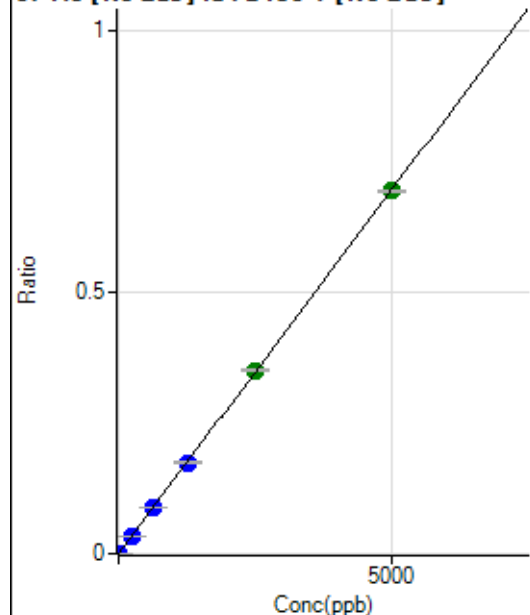
$$DL = 0.05181$$

$$BEC = 0.04136$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8.33	0.0000	P	100.3
2	☐	5.000	4.971	4656.48	0.0007	P	7.5
3	☐	250.000	249.269	234429.86	0.0346	P	0.9
4	☐	625.000	630.745	593681.02	0.0875	P	2.5
5	☐	1250.000	1252.655	1183262.65	0.1738	P	1.0
6	☐	2500.000	2518.244	2373824.47	0.3495	A	0.8
7	☐	5000.000	4989.533	4697739.73	0.6924	A	0.6
8	☐			1855.73	0.0003	P	2.0

$$y = 1.3877\text{E-}004 * x + 1.2204\text{E-}006$$

$$R = 1.0000$$

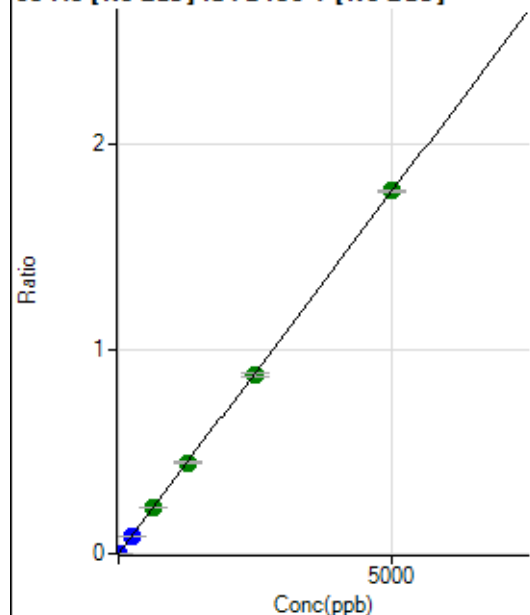
$$DL = 0.02646$$

$$BEC = 0.008794$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	19.44	0.0000	P	100.0
2	☐	5.000	5.049	12055.51	0.0018	P	3.2
3	☐	250.000	251.268	602388.59	0.0889	P	0.6
4	☐	625.000	634.468	1522232.78	0.2244	A	2.9
5	☐	1250.000	1259.122	3031894.12	0.4454	A	1.6
6	☐	2500.000	2467.160	5928056.17	0.8727	A	1.6
7	☐	5000.000	5012.892	12031513.64	1.7733	A	0.6
8	☐			4942.68	0.0007	P	3.3

$$y = 3.5375\text{E-}004 * x + 2.8818\text{E-}006$$

$$R = 1.0000$$

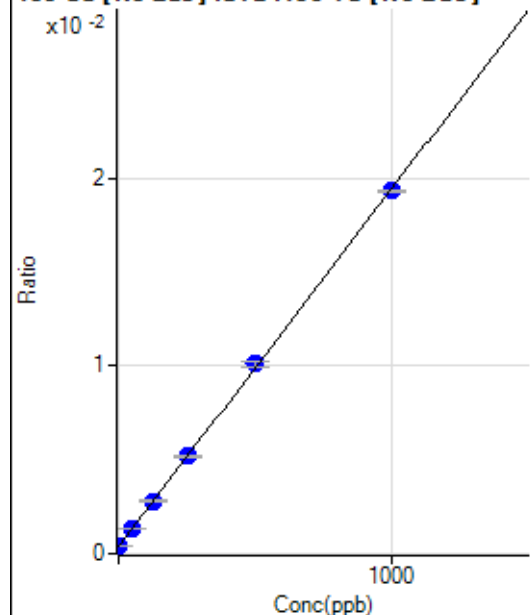
$$DL = 0.02444$$

$$BEC = 0.008146$$

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	1530.68	0.0004	P	8.0
2	☐	1.000	1.243	1611.25	0.0004	P	7.0
3	☐	50.000	49.807	5312.28	0.0013	P	3.5
4	☐	125.000	127.020	11085.30	0.0028	P	1.5
5	☐	250.000	252.691	20557.45	0.0052	P	2.0
6	☐	500.000	509.402	40061.57	0.0101	P	2.2
7	☐	1000.000	994.383	76897.68	0.0193	P	0.8
8	☐			1675.15	0.0004	P	15.4

$$y = 1.9020\text{E-}005 * x + 3.9419\text{E-}004$$

$$R = 0.9999$$

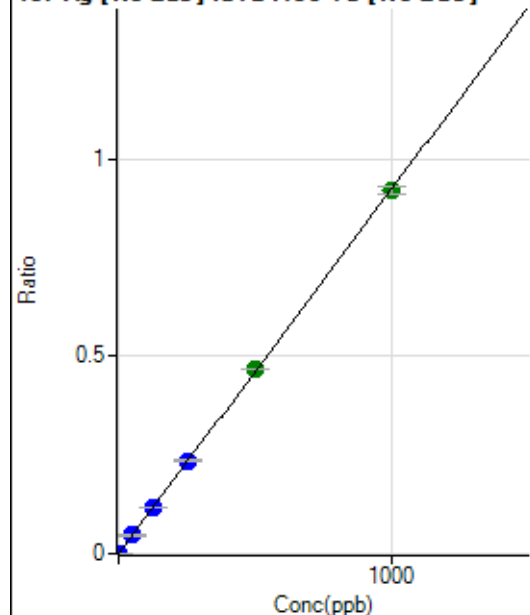
$$DL = 4.99$$

$$BEC = 20.73$$

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	58.33	0.0000	P	15.4
2	☐	1.000	0.942	3411.63	0.0009	P	3.4
3	☐	50.000	50.417	184385.02	0.0466	P	1.2
4	☐	125.000	128.571	468345.91	0.1187	P	0.4
5	☐	250.000	255.210	931618.58	0.2357	P	1.6
6	☐	500.000	505.559	1854913.30	0.4668	A	0.5
7	☐	1000.000	995.451	3660227.08	0.9191	A	2.0
8	☐			2536.42	0.0006	P	7.3

$$y = 9.2331\text{E-}004 * x + 1.5044\text{E-}005$$

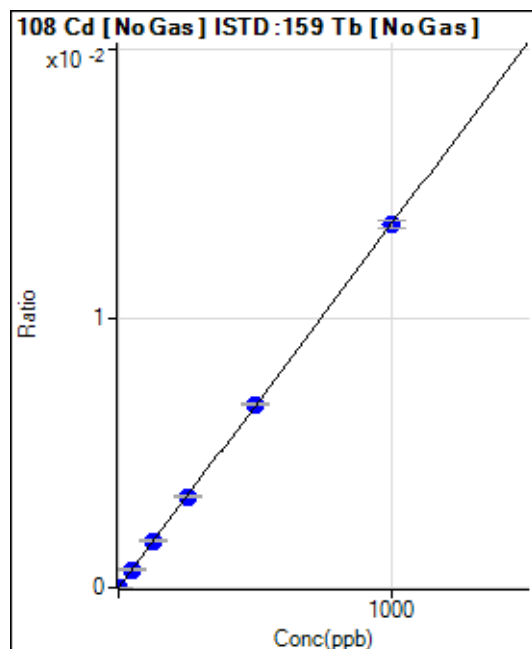
$$R = 1.0000$$

$$DL = 0.007534$$

$$BEC = 0.01629$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5.55	0.0000	P	86.6
2	☐	1.000	1.650	91.67	0.0000	P	36.1
3	☐	50.000	49.404	2647.51	0.0007	P	3.0
4	☐	125.000	127.161	6779.52	0.0017	P	4.5
5	☐	250.000	250.795	13396.93	0.0034	P	1.6
6	☐	500.000	503.912	27047.47	0.0068	P	1.1
7	☐	1000.000	997.604	53656.65	0.0135	P	2.1
8	☐			70.83	0.0000	P	15.9

$$y = 1.3505\text{E-}005 * x + 1.4361\text{E-}006$$

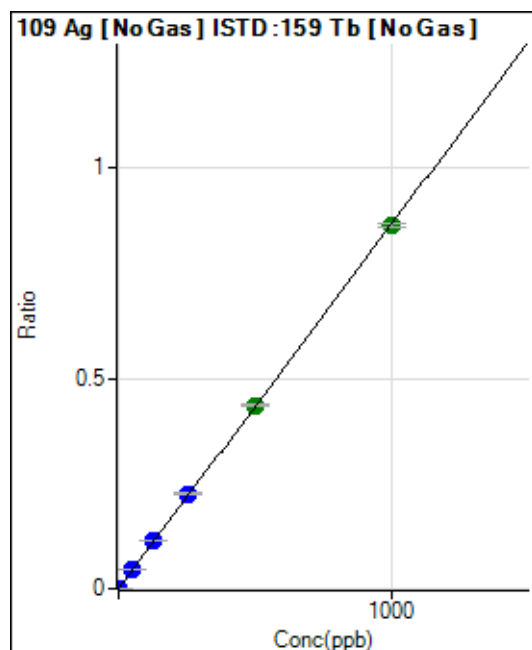
$$R = 1.0000$$

$$DL = 0.2763$$

$$BEC = 0.1063$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13.89	0.0000	P	92.2
2	☐	1.000	1.026	3436.65	0.0009	P	11.9
3	☐	50.000	50.930	174571.95	0.0441	P	0.8
4	☐	125.000	130.304	444922.26	0.1128	P	0.7
5	☐	250.000	259.343	887443.62	0.2245	P	1.8
6	☐	500.000	503.244	1730936.04	0.4356	A	0.5
7	☐	1000.000	995.332	3431068.09	0.8615	A	1.2
8	☐			2353.05	0.0006	P	7.2

$$y = 8.6558\text{E-}004 * x + 3.5995\text{E-}006$$

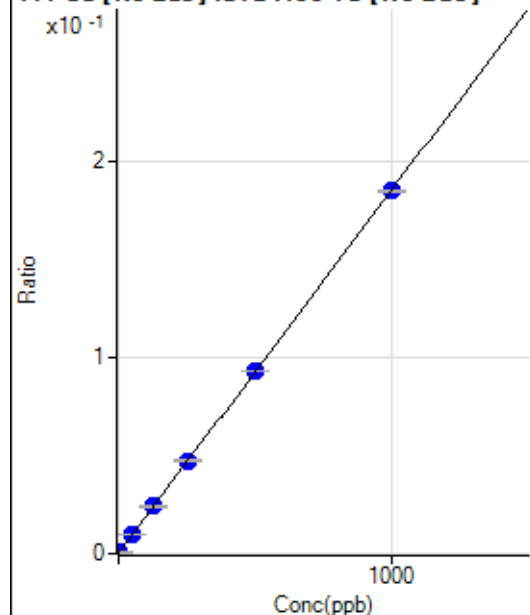
$$R = 0.9999$$

$$DL = 0.0115$$

$$BEC = 0.004158$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1078.70	0.0003	P	7.9
2	☐	1.000	1.186	1916.52	0.0005	P	5.0
3	☐	50.000	50.423	38011.46	0.0096	P	0.3
4	☐	125.000	128.429	94755.73	0.0240	P	0.6
5	☐	250.000	253.773	186569.77	0.0472	P	1.7
6	☐	500.000	501.288	369354.04	0.0930	P	0.1
7	☐	1000.000	997.963	735874.49	0.1848	P	0.8
8	☐			1571.65	0.0004	P	11.4

$$y = 1.8487\text{E-}004 * x + 2.7780\text{E-}004$$

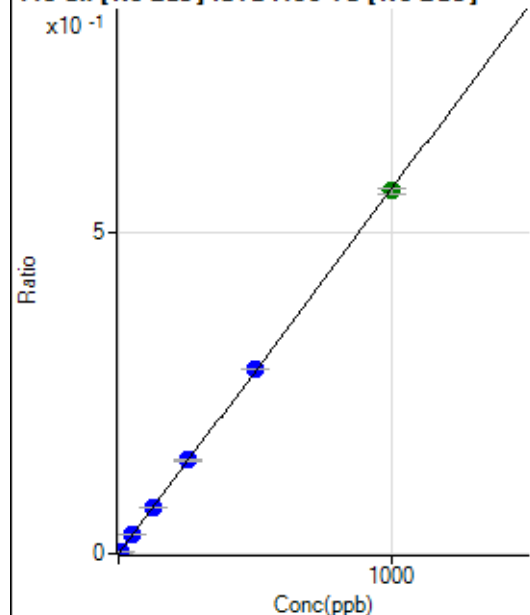
$$R = 1.0000$$

$$DL = 0.3577$$

$$BEC = 1.503$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	172.23	0.0000	P	18.6
2	☐	5.000	5.038	11207.68	0.0029	P	5.0
3	☐	50.000	50.732	114324.96	0.0289	P	1.7
4	☐	125.000	128.490	288179.82	0.0731	P	1.0
5	☐	250.000	256.488	576356.72	0.1458	P	1.7
6	☐	500.000	506.146	1143065.52	0.2877	P	0.9
7	☐	1000.000	994.832	2251577.96	0.5654	A	1.5
8	☐			1322.32	0.0003	P	4.7

$$y = 5.6824\text{E-}004 * x + 4.4313\text{E-}005$$

$$R = 0.9999$$

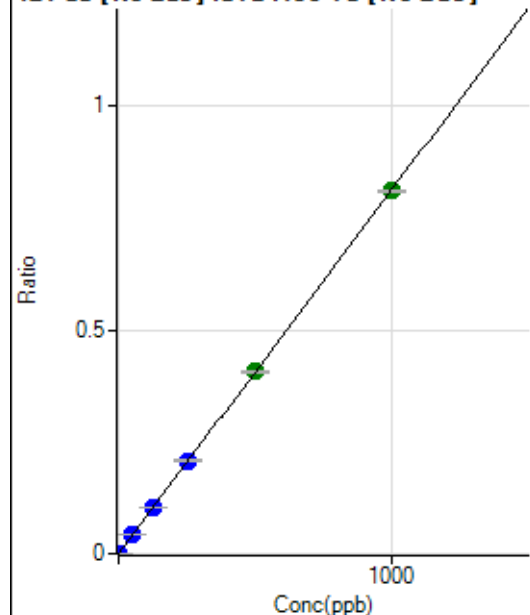
$$DL = 0.04357$$

$$BEC = 0.07798$$

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	19.44	0.0000	P	138.4
2	☐	2.000	1.875	5893.10	0.0015	P	3.6
3	☐	50.000	50.403	162143.08	0.0409	P	0.5
4	☐	125.000	128.918	413119.34	0.1047	P	0.9
5	☐	250.000	255.615	820855.30	0.2076	P	2.1
6	☐	500.000	500.283	1614924.64	0.4064	A	1.0
7	☐	1000.000	997.945	3228720.12	0.8107	A	0.7
8	☐			3197.69	0.0008	P	9.6

$$y = 8.1233\text{E-}004 * x + 5.0658\text{E-}006$$

$$R = 1.0000$$

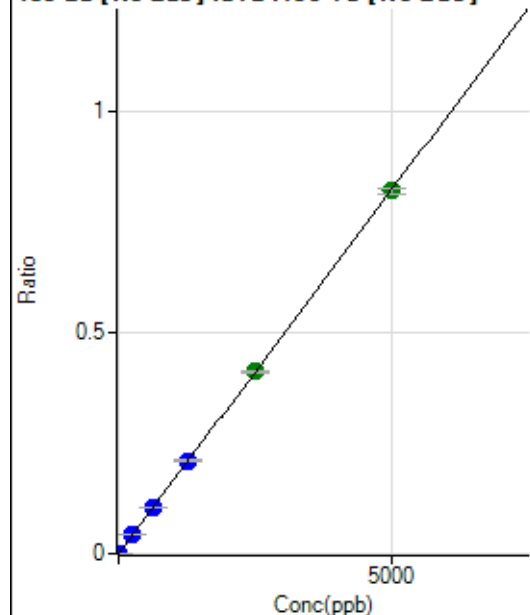
$$DL = 0.02589$$

$$BEC = 0.006236$$

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	27.78	0.0000	P	45.3
2	☐	10.000	9.823	6248.85	0.0016	P	3.2
3	☐	250.000	252.912	164451.84	0.0415	P	0.4
4	☐	625.000	640.804	415050.95	0.1052	P	0.4
5	☐	1250.000	1271.633	825395.71	0.2088	P	1.8
6	☐	2500.000	2508.290	1636487.02	0.4118	A	1.1
7	☐	5000.000	4988.326	3261763.44	0.8190	A	1.3
8	☐			6465.62	0.0017	P	3.7

$$y = 1.6418\text{E-}004 * x + 7.1512\text{E-}006$$

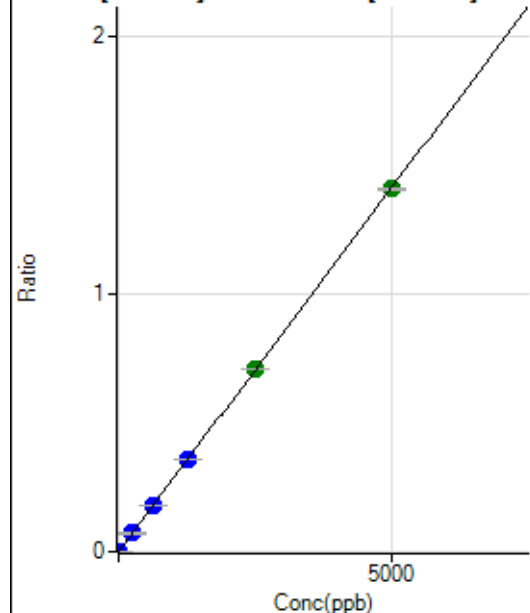
$$R = 1.0000$$

$$DL = 0.05919$$

$$BEC = 0.04356$$

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	61.11	0.0000	P	14.6
2	☐	10.000	10.219	11193.85	0.0029	P	3.0
3	☐	250.000	252.680	282638.02	0.0714	P	1.4
4	☐	625.000	637.831	710656.43	0.1802	P	0.8
5	☐	1250.000	1267.293	1415032.26	0.3579	P	1.7
6	☐	2500.000	2513.164	2820521.51	0.7098	A	0.7
7	☐	5000.000	4987.356	5610121.39	1.4086	A	0.7
8	☐			10982.57	0.0028	P	3.3

$$y = 2.8243\text{E-}004 * x + 1.5724\text{E-}005$$

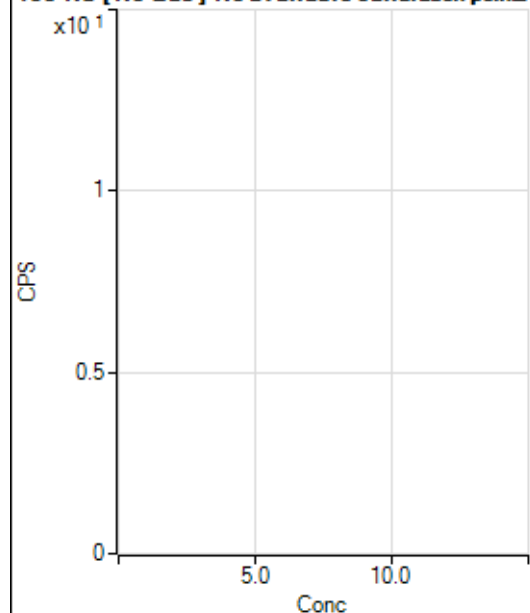
$$R = 1.0000$$

$$DL = 0.02444$$

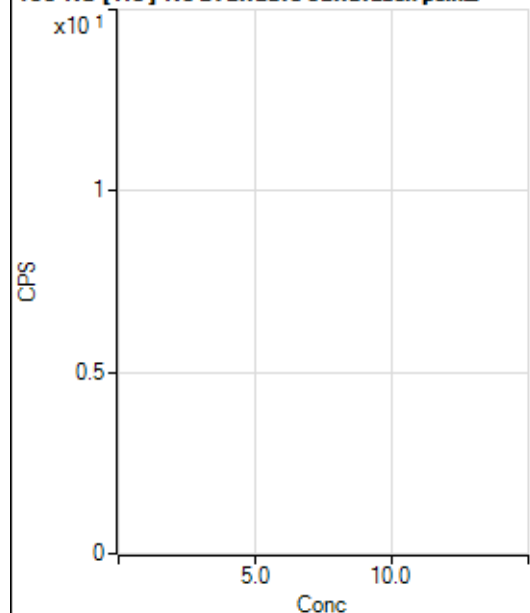
$$BEC = 0.05567$$

Weight: <None>

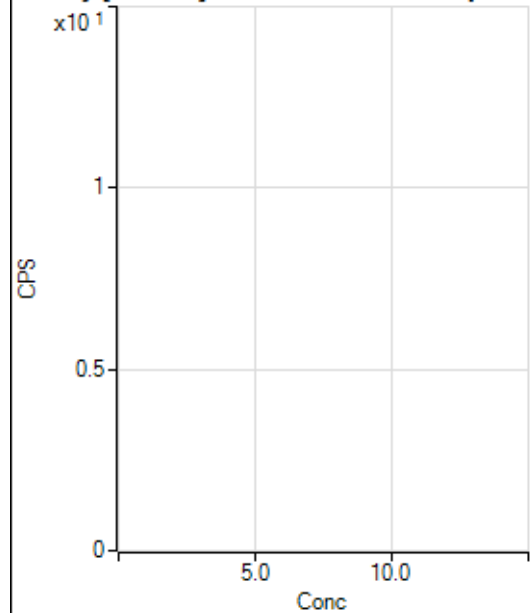
Min Conc: 0

150 Nd [No Gas] No available calibration points

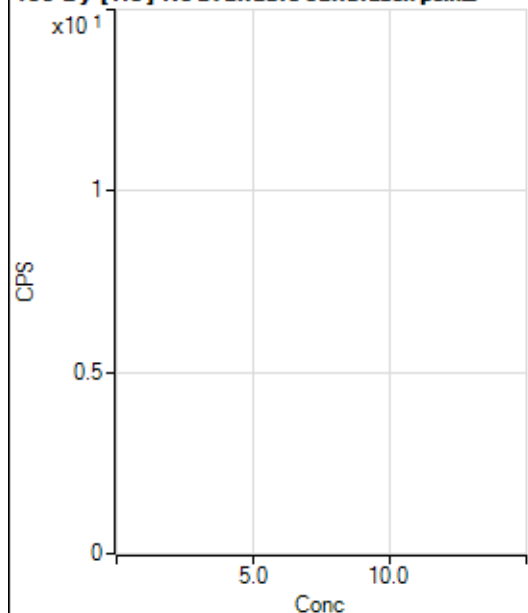
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			11.11		P	34.6
3	☐			17.78		P	114.6
4	☐			28.89		P	53.3
5	☐			51.11		P	27.2
6	☐			66.67		P	17.3
7	☐			153.34		P	19.0
8	☐			8.89		P	86.6

150 Nd [He] No available calibration points

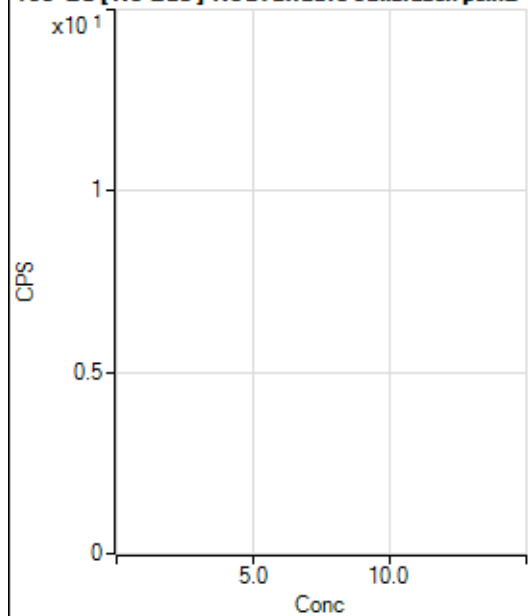
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐			0.00		P	
3	☐			0.00		P	
4	☐			5.56		P	34.7
5	☐			4.44		P	114.6
6	☐			5.56		P	34.7
7	☐			6.67		P	0.0
8	☐			7.78		P	65.5

156 Dy [No Gas] No available calibration points

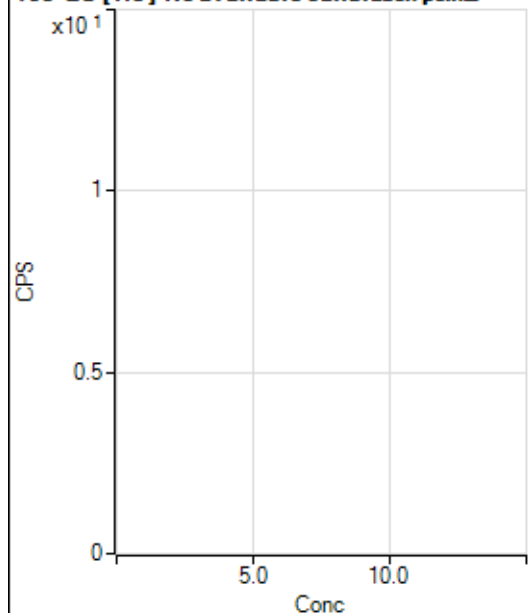
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	100.0
2	☐			8.33		P	100.0
3	☐			33.33		P	90.1
4	☐			13.89		P	91.6
5	☐			38.89		P	32.7
6	☐			44.45		P	10.8
7	☐			83.34		P	45.8
8	☐			191.68		P	23.0

156 Dy [He] No available calibration points

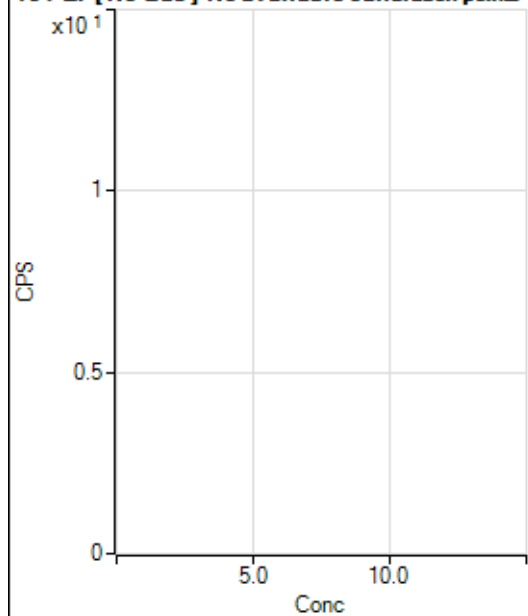
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐			2.22		P	86.6
3	☐			1.11		P	173.2
4	☐			2.22		P	86.6
5	☐			10.00		P	88.2
6	☐			14.44		P	13.4
7	☐			18.89		P	27.0
8	☐			81.11		P	20.7

160 Gd [No Gas] Noavailable calibration poin_

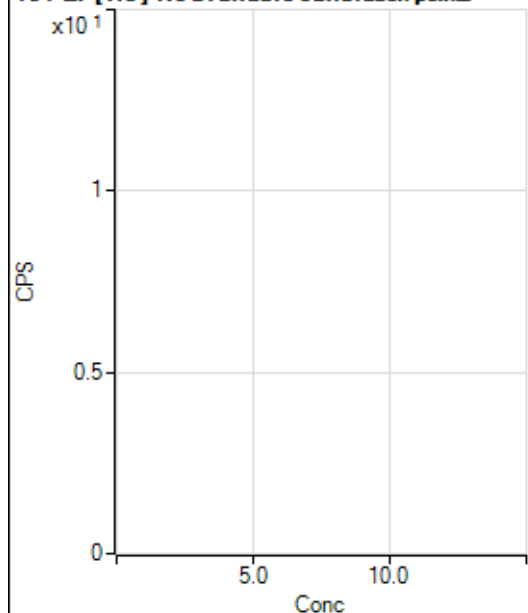
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44.45		P	57.3
2	☐			16.67		P	50.0
3	☐			22.22		P	21.6
4	☐			61.11		P	47.9
5	☐			61.11		P	51.6
6	☐			55.56		P	56.8
7	☐			72.22		P	17.6
8	☐			261.12		P	6.6

160 Gd [He] No available calibration points

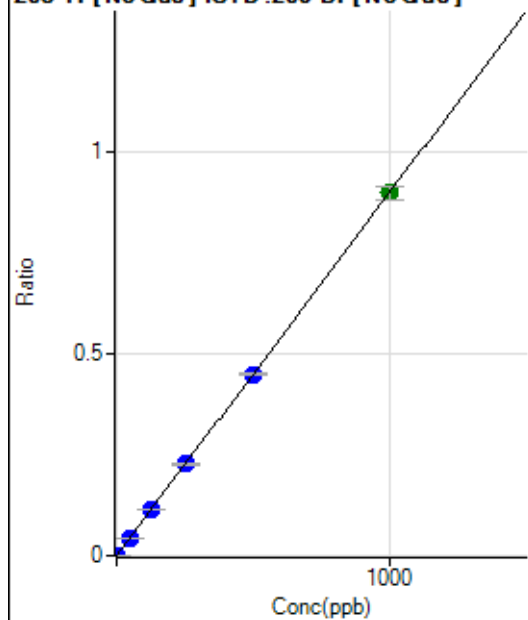
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	43.3
2	☐			12.22		P	41.7
3	☐			4.44		P	43.4
4	☐			13.33		P	43.3
5	☐			10.00		P	0.0
6	☐			21.11		P	39.7
7	☐			28.89		P	17.6
8	☐			130.00		P	26.8

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19.44		P	49.5
2	☐			22.22		P	57.3
3	☐			27.78		P	96.4
4	☐			25.00		P	33.3
5	☐			47.23		P	40.8
6	☐			41.67		P	20.0
7	☐			25.00		P	57.7
8	☐			47.22		P	36.7

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	89.2
2	☐			8.89		P	21.6
3	☐			6.67		P	100.0
4	☐			16.67		P	52.9
5	☐			10.00		P	88.2
6	☐			7.78		P	24.7
7	☐			21.11		P	63.8
8	☐			15.56		P	12.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	5.55	0.0000	P	86.6
2	☐	1.000	0.966	1841.85	0.0009	P	7.9
3	☐	50.000	49.836	96194.53	0.0449	P	1.3
4	☐	125.000	127.099	241153.73	0.1144	P	0.1
5	☐	250.000	251.757	481774.25	0.2267	P	2.0
6	☐	500.000	500.008	959993.34	0.4502	P	1.8
7	☐	1000.000	999.302	1895885.44	0.8998	A	4.0
8	☐			1633.49	0.0008	P	6.3

$$y = 9.0042\text{E-}004 * x + 2.6604\text{E-}006$$

$$R = 1.0000$$

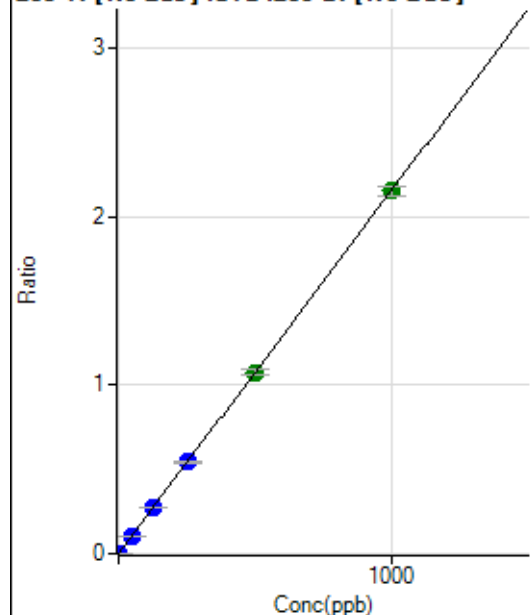
$$DL = 0.007679$$

$$BEC = 0.002955$$

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	19.44	0.0000	P	67.2
2	☐	1.000	0.994	4537.03	0.0021	P	4.6
3	☐	50.000	49.689	229261.79	0.1070	P	1.3
4	☐	125.000	127.057	576232.78	0.2735	P	0.6
5	☐	250.000	253.455	1159326.03	0.5455	P	2.4
6	☐	500.000	499.526	2292285.03	1.0751	A	2.7
7	☐	1000.000	999.132	4532005.18	2.1504	A	2.5
8	☐			3875.68	0.0019	P	6.7

$$y = 0.0022 * x + 9.3398E-006$$

$$R = 1.0000$$

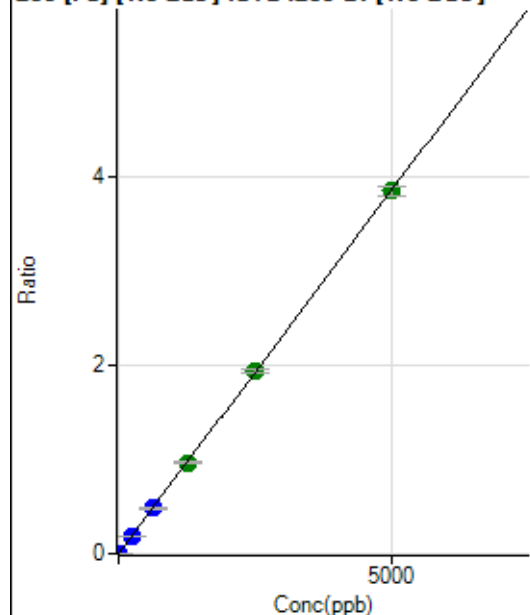
$$DL = 0.008747$$

$$BEC = 0.00434$$

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	275.93	0.0001	P	13.1
2	☐	1.000	0.899	1744.60	0.0008	P	3.5
3	☐	250.000	245.992	407455.21	0.1901	P	1.1
4	☐	625.000	623.972	1015536.60	0.4819	P	0.7
5	☐	1250.000	1254.333	2058893.81	0.9687	A	1.4
6	☐	2500.000	2510.500	4133927.96	1.9387	A	1.7
7	☐	5000.000	4993.996	8127357.36	3.8564	A	2.5
8	☐			10348.74	0.0051	P	2.3

$$y = 7.7218E-004 * x + 1.3174E-004$$

$$R = 1.0000$$

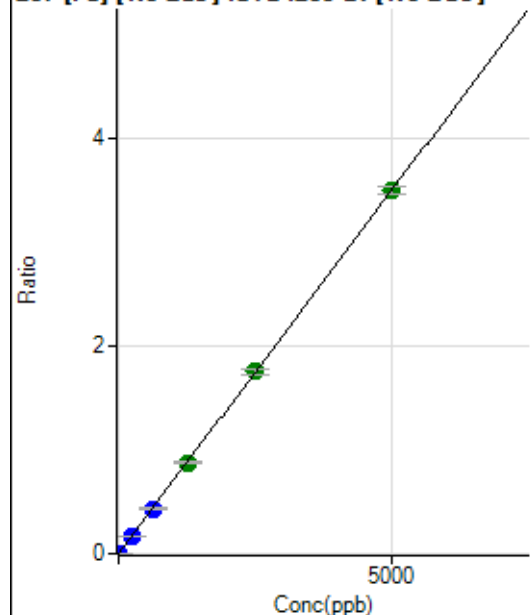
$$DL = 0.06693$$

$$BEC = 0.1706$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	262.97	0.0001	P	17.9
2	☐	1.000	0.907	1603.82	0.0008	P	1.8
3	☐	250.000	241.919	362675.52	0.1692	P	0.9
4	☐	625.000	619.254	912152.49	0.4329	P	1.0
5	☐	1250.000	1255.338	1864937.73	0.8774	A	0.8
6	☐	2500.000	2505.952	3734191.92	1.7514	A	3.1
7	☐	5000.000	4996.812	7360182.45	3.4921	A	2.2
8	☐			9701.95	0.0048	P	6.3

$$y = 6.9884\text{E-}004 * x + 1.2567\text{E-}004$$

$$R = 1.0000$$

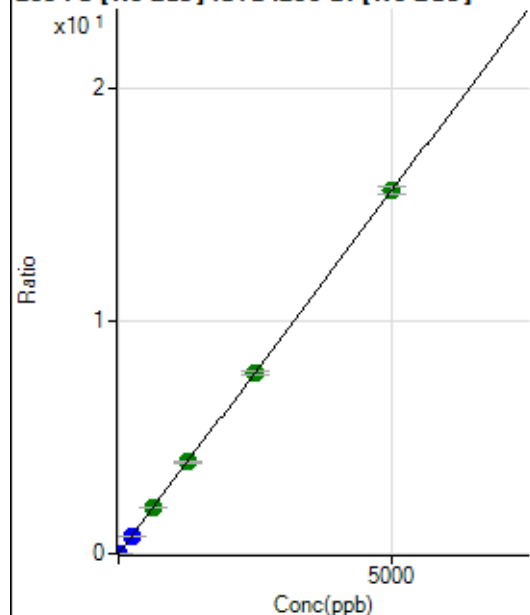
$$DL = 0.09654$$

$$BEC = 0.1798$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1181.53	0.0006	P	6.7
2	☐	1.000	0.901	7126.83	0.0034	P	0.7
3	☐	250.000	244.206	1634239.14	0.7624	P	0.5
4	☐	625.000	629.279	4137580.12	1.9636	A	1.0
5	☐	1250.000	1259.344	8351110.78	3.9291	A	1.1
6	☐	2500.000	2493.208	16585189.00	7.7782	A	2.0
7	☐	5000.000	5000.815	32880581.75	15.6007	A	2.2
8	☐			42924.80	0.0213	P	2.0

$$y = 0.0031 * x + 5.6347\text{E-}004$$

$$R = 1.0000$$

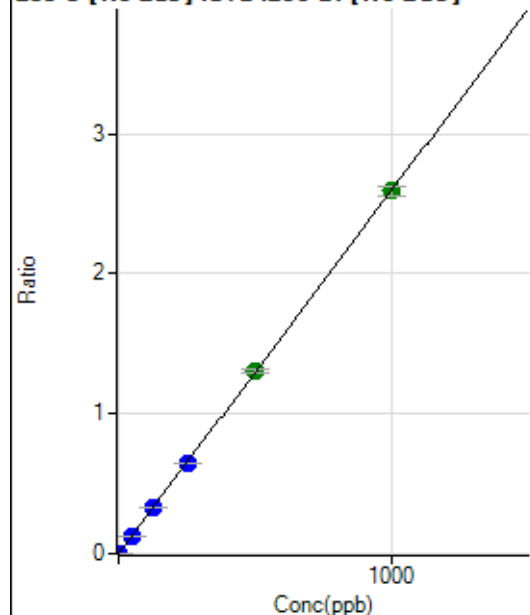
$$DL = 0.03613$$

$$BEC = 0.1806$$

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	19.44	0.0000	P	50.1
2	☐	1.000	0.943	5190.10	0.0025	P	5.5
3	☐	50.000	49.267	274142.06	0.1279	P	1.0
4	☐	125.000	125.520	686534.84	0.3258	P	0.8
5	☐	250.000	249.457	1376301.56	0.6475	P	0.7
6	☐	500.000	502.005	2778310.52	1.3030	A	2.5
7	☐	1000.000	999.105	5465577.29	2.5933	A	2.4
8	☐			1377.90	0.0007	P	2.3

$$y = 0.0026 * x + 9.3050E-006$$

$$R = 1.0000$$

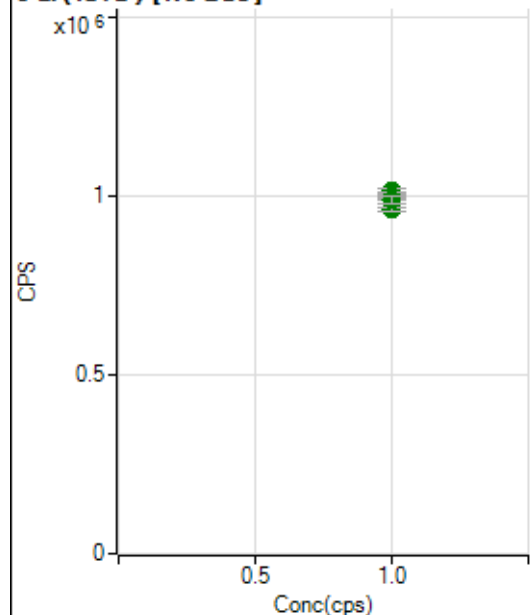
$$DL = 0.005387$$

$$BEC = 0.003585$$

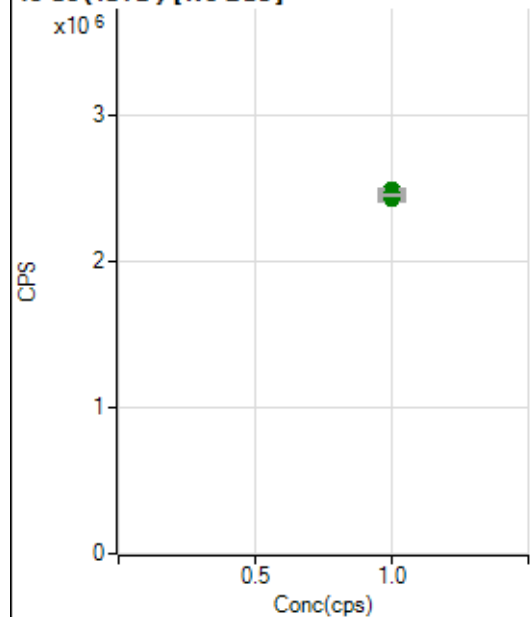
Weight: <None>

Min Conc: 0

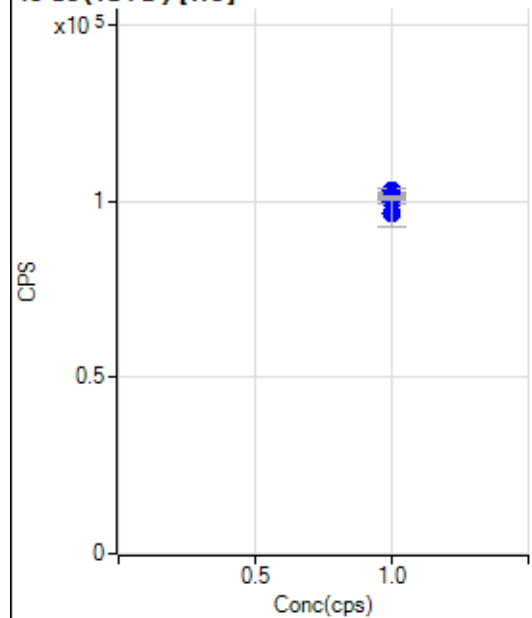
6 Li (ISTD) [No Gas]



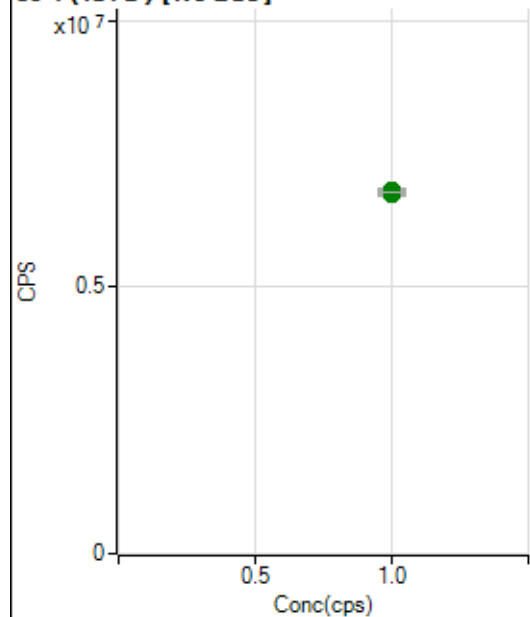
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		998856.11		A	1.4
2	☐	1.000		992020.45		A	0.8
3	☐	1.000		999257.70		A	1.5
4	☐	1.000		1015410.00		A	0.9
5	☐	1.000		1003435.74		A	1.4
6	☐	1.000		989051.83		A	1.7
7	☐	1.000		962390.57		A	1.2
8	☐	1.000		988533.31		A	2.1

45 Sc (ISTD) [No Gas]

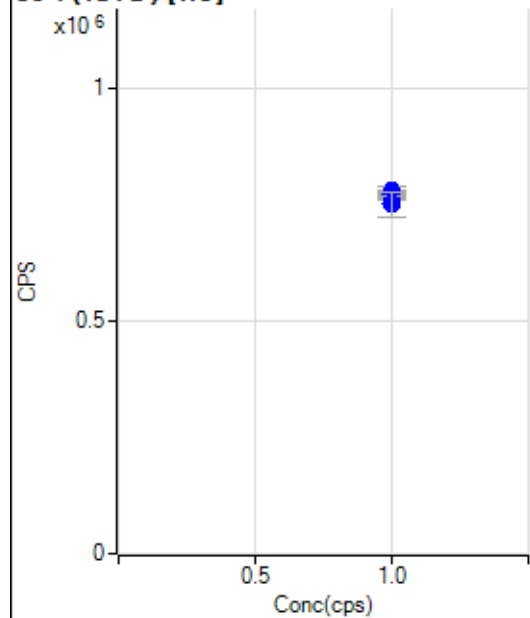
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2438754.97		A	2.3
2	☐	1.000		2441983.83		A	1.0
3	☐	1.000		2465334.16		A	0.8
4	☐	1.000		2481972.80		A	1.5
5	☐	1.000		2450500.41		A	0.5
6	☐	1.000		2457642.92		A	2.1
7	☐	1.000		2444927.03		A	2.0
8	☐	1.000		2452432.34		A	0.5

45 Sc (ISTD) [He]

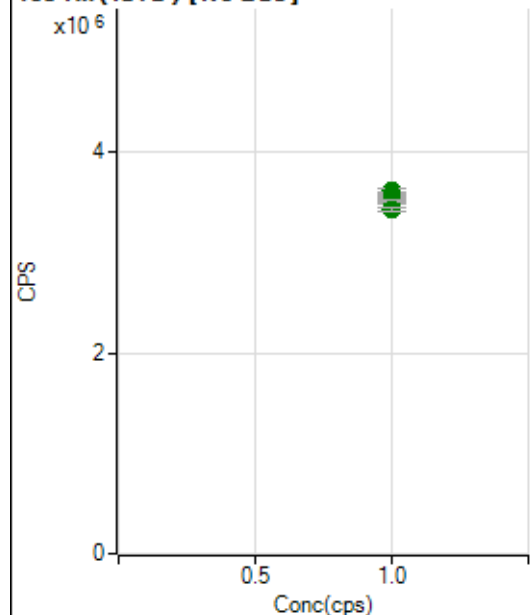
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		100470.11		P	0.4
2	☐	1.000		99953.17		P	0.9
3	☐	1.000		101587.83		P	1.7
4	☐	1.000		100777.83		P	0.7
5	☐	1.000		102930.02		P	1.8
6	☐	1.000		101553.07		P	0.5
7	☐	1.000		101187.51		P	0.3
8	☐	1.000		96391.94		P	8.0

89 Y (ISTD) [No Gas]

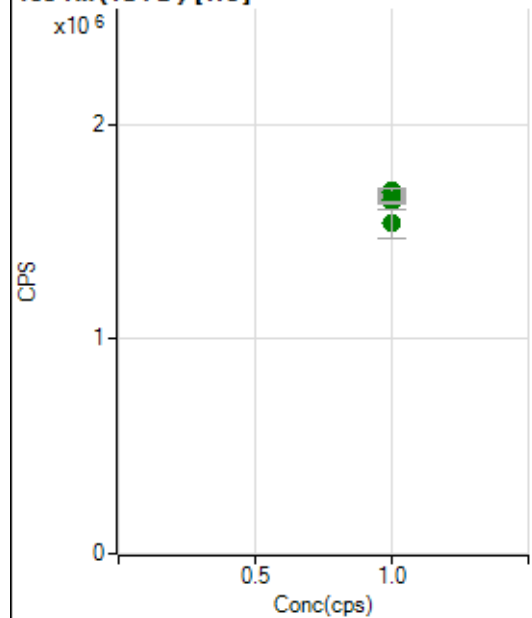
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6795917.68		A	1.2
2	☐	1.000		6738652.33		A	0.5
3	☐	1.000		6777011.77		A	0.3
4	☐	1.000		6784841.50		A	2.0
5	☐	1.000		6807487.89		A	1.4
6	☐	1.000		6793255.94		A	1.3
7	☐	1.000		6784766.15		A	0.3
8	☐	1.000		6785898.58		A	0.3

89 Y (ISTD) [He]

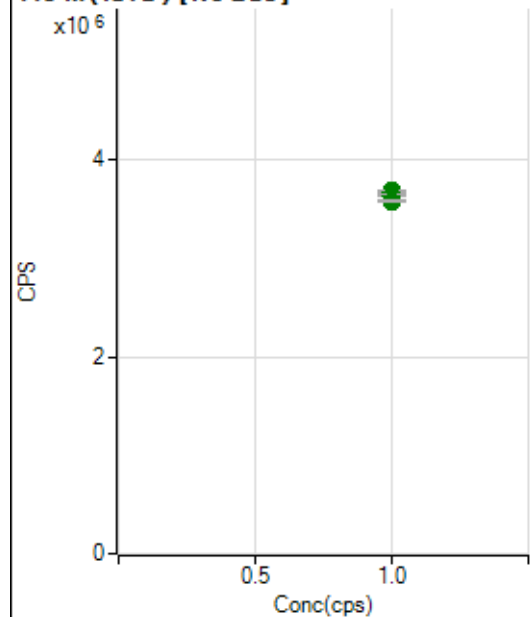
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		768894.11		P	0.8
2	☐	1.000		763109.66		P	0.5
3	☐	1.000		778219.91		P	1.4
4	☐	1.000		771493.26		P	0.3
5	☐	1.000		781082.35		P	2.5
6	☐	1.000		780110.57		P	0.5
7	☐	1.000		774520.07		P	0.7
8	☐	1.000		752295.38		P	7.4

103 Rh (ISTD) [No Gas]

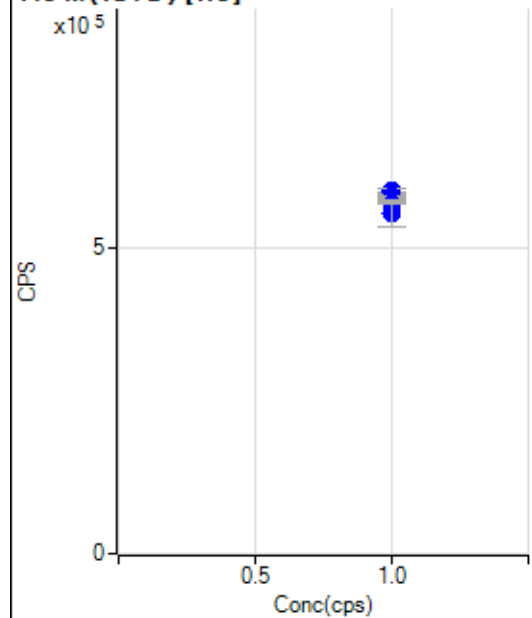
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3617157.16		A	1.0
2	☐	1.000		3567627.20		A	1.2
3	☐	1.000		3577493.57		A	1.0
4	☐	1.000		3573560.24		A	0.4
5	☐	1.000		3530106.46		A	1.9
6	☐	1.000		3539780.03		A	0.4
7	☐	1.000		3516620.83		A	0.6
8	☐	1.000		3428490.53		A	1.0

103 Rh (ISTD) [He]

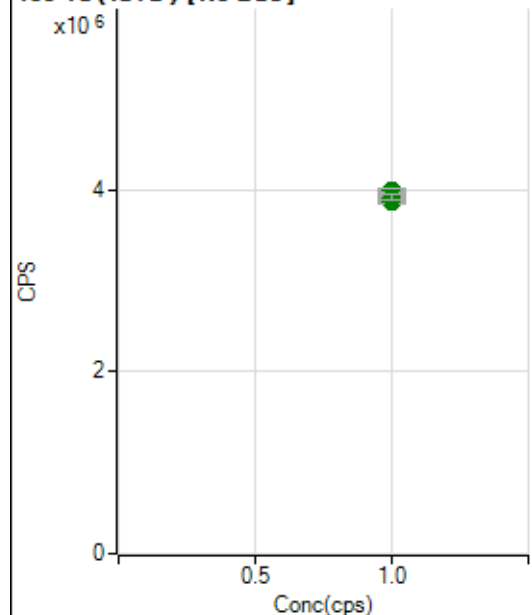
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1671257.77		A	1.7
2	☐	1.000		1646458.40		A	1.2
3	☐	1.000		1690430.88		A	0.7
4	☐	1.000		1661607.58		A	1.7
5	☐	1.000		1683468.39		A	2.1
6	☐	1.000		1651050.44		A	1.0
7	☐	1.000		1638378.02		A	0.7
8	☐	1.000		1536769.23		A	8.2

115 In (ISTD) [No Gas]

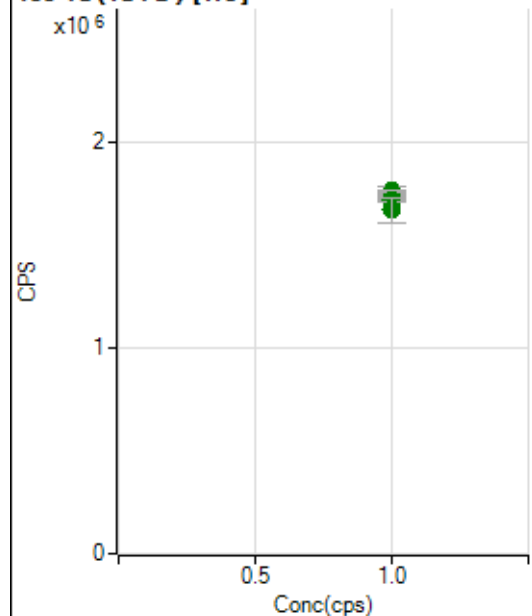
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3644898.51		A	0.2
2	☐	1.000		3654137.76		A	0.9
3	☐	1.000		3689745.13		A	0.2
4	☐	1.000		3667790.66		A	0.6
5	☐	1.000		3653176.76		A	0.4
6	☐	1.000		3667991.43		A	1.5
7	☐	1.000		3633847.26		A	1.8
8	☐	1.000		3584399.28		A	0.5

115 In (ISTD) [He]

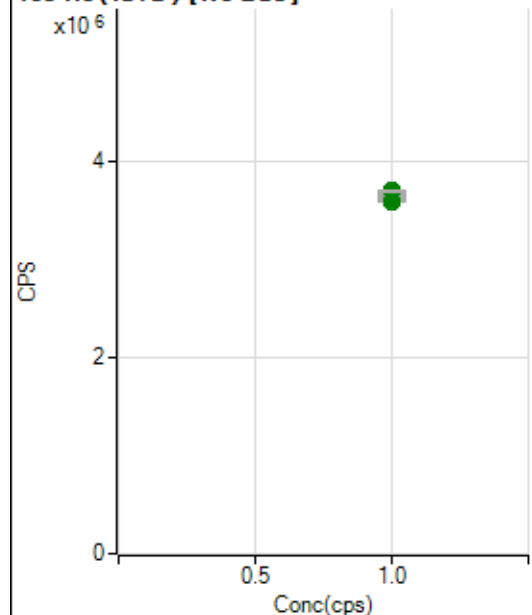
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		581468.59		P	0.6
2	☐	1.000		575711.63		P	0.5
3	☐	1.000		591446.19		P	1.2
4	☐	1.000		583966.47		P	0.3
5	☐	1.000		590402.83		P	2.3
6	☐	1.000		582140.66		P	0.6
7	☐	1.000		571574.90		P	0.6
8	☐	1.000		554288.11		P	7.6

159 Tb (ISTD) [No Gas]

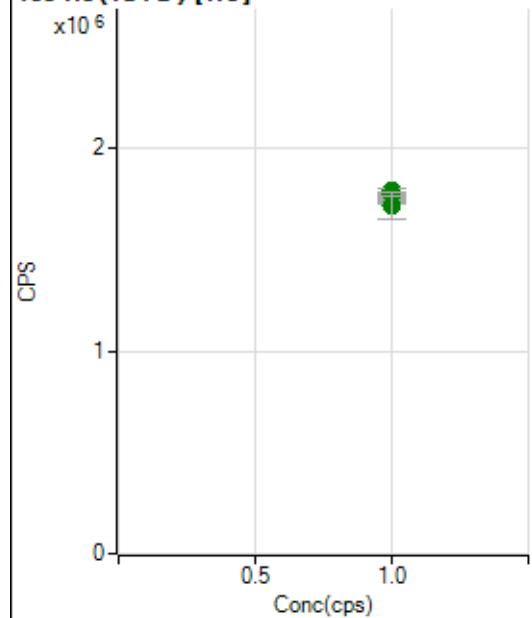
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3881953.34		A	1.2
2	☐	1.000		3857210.22		A	1.3
3	☐	1.000		3959684.97		A	0.4
4	☐	1.000		3944682.37		A	0.6
5	☐	1.000		3954013.66		A	1.7
6	☐	1.000		3973588.38		A	0.6
7	☐	1.000		3982714.97		A	1.0
8	☐	1.000		3910052.55		A	1.8

159 Tb (ISTD) [He]

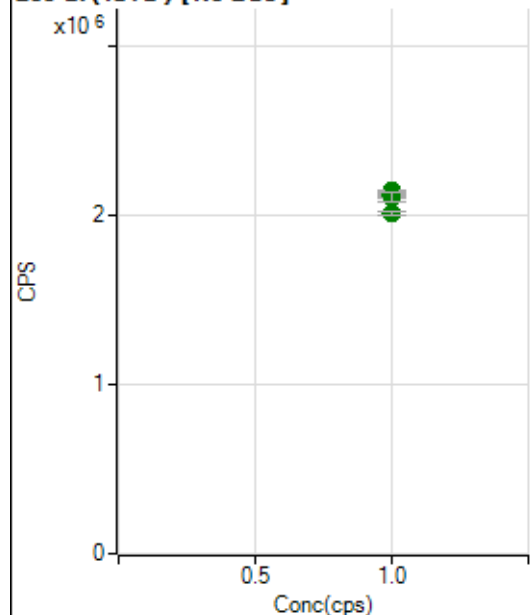
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1714576.52		A	1.0
2	☐	1.000		1719111.47		A	1.2
3	☐	1.000		1750971.29		A	0.8
4	☐	1.000		1729163.95		A	1.4
5	☐	1.000		1763027.86		A	2.3
6	☐	1.000		1757479.12		A	0.5
7	☐	1.000		1720584.09		A	0.9
8	☐	1.000		1668669.14		A	7.5

165 Ho (ISTD) [No Gas]

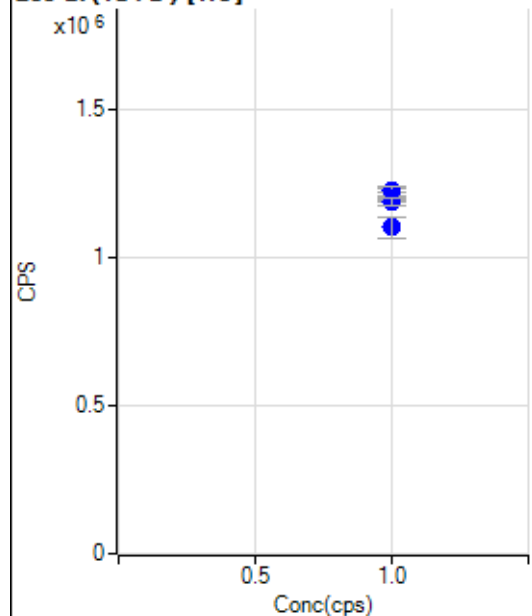
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3597630.07		A	0.8
2	☐	1.000		3614093.00		A	0.2
3	☐	1.000		3647257.59		A	0.9
4	☐	1.000		3671489.06		A	1.2
5	☐	1.000		3701118.70		A	0.7
6	☐	1.000		3681383.07		A	1.3
7	☐	1.000		3663603.99		A	0.3
8	☐	1.000		3698201.17		A	0.8

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1734472.59		A	1.1
2	☐	1.000		1732695.58		A	1.0
3	☐	1.000		1791008.90		A	1.8
4	☐	1.000		1775790.70		A	0.4
5	☐	1.000		1775354.16		A	2.7
6	☐	1.000		1766391.62		A	1.8
7	☐	1.000		1773471.43		A	0.7
8	☐	1.000		1715810.23		A	7.9

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2096995.49		A	1.8
2	☐	1.000		2112178.89		A	1.4
3	☐	1.000		2143660.63		A	0.5
4	☐	1.000		2107167.97		A	0.3
5	☐	1.000		2125653.81		A	1.4
6	☐	1.000		2132627.15		A	1.4
7	☐	1.000		2108303.06		A	2.3
8	☐	1.000		2012651.88		A	1.0

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1190082.42		P	0.9
2	☐	1.000		1194317.19		P	0.2
3	☐	1.000		1224125.88		P	1.1
4	☐	1.000		1207965.86		P	0.1
5	☐	1.000		1223445.82		P	2.9
6	☐	1.000		1202459.68		P	0.2
7	☐	1.000		1187701.95		P	1.8
8	☐	1.000		1100940.01		P	6.8

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8110420\IMS.b
Acq. Date-Time 2020-11-04 08:26:06
Report Comment ---
Instrument Name G8403A SG19224459

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		1726	17258.74			0.740	5.000
24		21380	213797.55			0.940	5.000
25		2889	28894.85			0.983	5.000
26		3249	32486.45			0.370	5.000
59		11738	117380.92			0.673	5.000
113		1836	18358.14			0.615	5.000
115		6458	64581.16			3.047	5.000
206		1864	18643.08			1.700	5.000
207		1569	15689.23			0.409	5.000
208		3839	38391.27			1.055	5.000
220		1	10.90			22.798	

Mass	RSD% (Flag)
9	
24	
25	
26	
59	
113	
115	
206	
207	
208	
220	

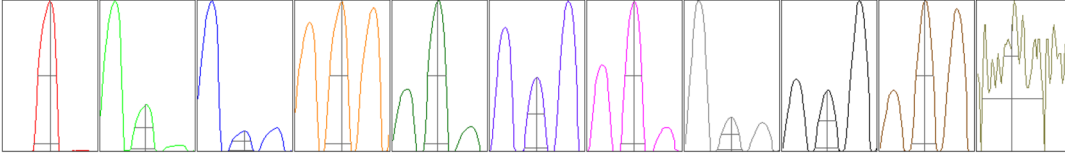
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	1706	1723	1728	1734	1739
24	21056	21331	21442	21502	21569
25	2855	2882	2873	2918	2919
26	3254	3235	3236	3258	3260
59	11714	11690	11647	11836	11803
113	1842	1828	1823	1834	1852
115	6715	6609	6403	6297	6266
206	1843	1842	1855	1919	1862
207	1559	1565	1572	1574	1574
208	3781	3836	3825	3881	3873

US EPA Tune Check Report

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
220	1	1	1	1	1

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	3099.62	9.05	8.90 - 9.10	
24	38285.08	23.95	23.90 - 24.10	
25	5065.73	25.00	24.90 - 25.10	
26	5907.08	26.00	25.90 - 26.10	
59	21707.88	58.95	58.90 - 59.10	
113	3597.85	113.00	112.90 - 113.10	
115	12794.55	115.00	114.90 - 115.10	
206	3558.83	206.00	205.90 - 206.10	
207	2990.30	206.95	206.90 - 207.10	
208	7416.54	207.95	207.90 - 208.10	
220	1.30	219.65	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.59	0.777	0.900	
24	0.59	0.748	0.900	
25	0.61	0.778	0.900	
26	0.59	0.815	0.900	
59	0.57	0.766	0.900	
113	0.53	0.728	0.900	
115	0.52	0.758	0.900	
206	0.55	0.772	0.900	
207	0.54	0.745	0.900	
208	0.54	0.771	0.900	
220	0.47	1.919		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode HMI Nebulizer Gas 0.51 L/min Dilution Gas 0.46 L/min

US EPA Tune Check Report

RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.40 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	10.6 V	Deflect	14.2 V
Extract 2	-240.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-115 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	4.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	200 V		

QP Parameters

Mass Gain	122	Axis Gain	0.9991	QP Bias	-4.0 V
Mass Offset	125	Axis Offset	-0.02		

Hardware Settings

Torch

Torch H	0.7 mm	Torch V	-0.2 mm
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EM

Discriminator	3.9 mV	Analog HV	2180 V	Pulse HV	1320 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		2816	28156.96			1.136	
89		6388	63875.45			1.146	
205		4798	47977.87			2.806	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	2853	2841	2811	2801	2773
89	6497	6350	6369	6418	6305
205	4937	4800	4875	4797	4580

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	HMI	Nebulizer Gas	0.51 L/min	Dilution Gas	0.46 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.40 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	10.6 V	Deflect	4.4 V
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US EPA Tune Check Report

Extract 2	-240.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-115 V	Cell Exit	-70 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		
QP Parameters					
Mass Gain	122	Axis Gain	0.9991	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	-0.02		
Hardware Settings					
Torch					
Torch H	0.7 mm	Torch V	-0.2 mm		
EM					
Discriminator	3.9 mV	Analog HV	2180 V	Pulse HV	1320 V

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 09:20:45	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.71	-1.05	0.34	0.00	N/A	ppb
Antimony	121-1	-0.01	0.01	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.01	-0.01	0.00	N/A	ppb
Barium	135-1	-0.02	0.00	0.02	0.00	N/A	ppb
Barium	137-1	0.00	-0.01	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.19	-0.12	-0.07	0.00	N/A	ppb
Boron	11-1	-0.04	0.15	-0.11	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	0.14	-0.06	-0.08	0.00	N/A	ppb
Cadmium	106-1	1.92	-0.91	-1.01	0.00	N/A	ppb
Cadmium	108-1	0.05	0.05	-0.11	0.00	N/A	ppb
Calcium	43-1	-0.80	1.15	-0.35	0.00	N/A	ppb
Calcium	44-1	-2.80	6.16	-3.36	0.00	N/A	ppb
Chromium	52-2	0.01	-0.01	0.00	0.00	N/A	ppb
Cobalt	59-2	0.01	0.00	-0.01	0.00	N/A	ppb
Copper	63-2	-0.04	-0.04	0.08	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	54-2	-0.46	0.33	0.13	0.00	N/A	ppb
Iron	56-2	-0.01	0.10	-0.09	0.00	N/A	ppb
Iron	57-2	2.69	-1.33	-1.37	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.02	-0.02	0.00	N/A	ppb
Lead	207-1	-0.01	0.04	-0.02	0.00	N/A	ppb
Lead	208-1	0.01	0.00	-0.01	0.00	N/A	ppb

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 09:20:45	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	-1.14	0.22	0.93	0.00	N/A	ppb
Manganese	55-2	-0.01	-0.01	0.02	0.00	N/A	ppb
Molybdenum	94-1	0.03	0.00	-0.02	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	96-1	-0.02	0.02	0.00	0.00	N/A	ppb
Molybdenum	97-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.01	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.14	0.03	0.12	0.00	N/A	ppb
Phosphorus	31-2	-21.26	12.02	6.04	-1.06		ppb
Potassium	39-2	0.54	-1.90	1.36	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.81	-0.07	0.88	0.00	N/A	ppb
Selenium	77-2	1.95	0.00	-1.94	0.00	N/A	ppb
Selenium	78-2	1.09	-1.39	0.30	0.00	N/A	ppb
Silicon	28-1	0.03	9.93	-9.96	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	-0.42	0.56	-0.14	0.00	N/A	ppb
Strontium	86-1	-0.03	0.04	-0.01	0.00	N/A	ppb
Strontium	88-1	0.00	-0.01	0.01	0.00	N/A	ppb
Sulfur	34-1	-365.30	426.21	-202.50	-47.20		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	-0.01	0.02	0.00	N/A	ppb
Titanium	47-1	0.08	0.03	-0.11	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 09:20:45	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	-0.13	0.10	0.03	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	-0.02	0.04	-0.02	0.00	N/A	ppb

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 09:23:56	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.98	17.46	18.81	18.75	6.75	ppb
Antimony	121-1	1.93	1.90	1.80	1.87	3.60	ppb
Arsenic	75-2	1.08	0.99	0.87	0.98	10.70	ppb
Barium	135-1	10.18	9.57	9.72	9.82	3.23	ppb
Barium	137-1	9.86	10.36	10.43	10.22	3.04	ppb
Beryllium	9-1	0.88	0.99	0.89	0.92	6.20	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	20.24	21.19	22.92	21.45	6.33	ppb
Boron	11-1	19.93	22.30	23.69	21.97	8.66	ppb
Bromine	81-1						cps
Cadmium	111-1	1.30	1.22	1.04	1.19	11.33	ppb
Cadmium	106-1	2.92	0.91	-0.10	1.24	123.99	ppb
Cadmium	108-1	1.09	1.51	2.34	1.65	38.42	ppb
Calcium	43-1	508.56	485.75	474.09	489.47	3.58	ppb
Calcium	44-1	489.92	471.79	476.21	479.31	1.97	ppb
Chromium	52-2	1.84	2.01	2.07	1.97	6.05	ppb
Cobalt	59-2	0.99	0.99	0.95	0.98	2.27	ppb
Copper	63-2	2.51	2.46	2.50	2.49	1.13	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				99		%
Iron	54-2	52.63	56.22	50.61	53.15	5.35	ppb
Iron	56-2	51.72	49.55	49.34	50.20	2.63	ppb
Iron	57-2	50.12	50.05	47.72	49.30	2.77	ppb
Krypton	83-1						cps
Lead	206-1	0.94	0.88	0.87	0.90	4.11	ppb
Lead	207-1	0.91	0.93	0.89	0.91	2.14	ppb
Lead	208-1	0.91	0.90	0.89	0.90	0.80	ppb

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 09:23:56	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				99		%
Magnesium	24-2	501.55	492.43	503.62	499.20	1.19	ppb
Manganese	55-2	1.24	0.99	0.96	1.06	14.48	ppb
Molybdenum	94-1	5.24	4.78	4.80	4.94	5.30	ppb
Molybdenum	95-1	5.06	4.79	4.94	4.93	2.71	ppb
Molybdenum	96-1	4.73	5.13	4.84	4.90	4.18	ppb
Molybdenum	97-1	5.38	4.65	4.88	4.97	7.47	ppb
Molybdenum	98-1	4.86	5.13	5.15	5.05	3.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.33	1.20	0.68	1.07	32.16	ppb
Phosphorus	31-2	-20.03	6.00	17.21	1.06	1796.99	ppb
Potassium	39-2	451.06	466.07	438.40	451.84	3.07	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	3.79	4.10	6.10	4.66	26.87	ppb
Selenium	77-2	3.94	2.01	0.02	1.99	98.69	ppb
Selenium	78-2	9.93	6.45	4.91	7.10	36.21	ppb
Silicon	28-1	13.92	10.54	9.04	11.17	22.40	ppb
Silver	109-1	0.94	1.17	0.97	1.03	11.94	ppb
Silver	107-1	0.97	0.95	0.91	0.94	3.47	ppb
Sodium	23-2	499.85	483.56	479.40	487.60	2.22	ppb
Strontium	86-1	0.95	1.30	1.06	1.10	16.21	ppb
Strontium	88-1	0.99	1.06	0.99	1.02	3.82	ppb
Sulfur	34-1	706.93	-441.02	-124.31	47.20	1256.14	ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	1.01	1.01	0.88	0.97	7.92	ppb
Thallium	205-1	0.94	1.01	1.03	0.99	4.61	ppb
Tin	118-1	5.02	5.30	4.79	5.04	5.10	ppb
Titanium	47-1	4.69	4.31	5.23	4.74	9.71	ppb
Uranium	238-1	0.93	0.90	1.00	0.94	5.49	ppb
Vanadium	51-2	5.04	4.90	4.81	4.92	2.33	ppb
Yttrium	89-1				99		%

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 09:23:56	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				99		%
Zinc	66-2	2.21	2.32	1.81	2.11	12.80	ppb
Zirconium	90-1	0.97	1.00	0.95	0.97	2.61	ppb
Zirconium	91-1	0.90	0.96	0.85	0.90	6.13	ppb

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 09:27:05	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1002.05	994.33	978.92	991.77	1.19	ppb
Antimony	121-1	50.69	50.15	50.37	50.40	0.54	ppb
Arsenic	75-2	49.93	49.31	47.62	48.96	2.45	ppb
Barium	135-1	251.72	253.58	253.45	252.91	0.41	ppb
Barium	137-1	255.67	253.74	248.63	252.68	1.44	ppb
Beryllium	9-1	49.51	49.85	50.51	49.96	1.02	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	10-1	45.34	49.29	53.71	49.45	8.47	ppb
Boron	11-1	44.31	50.43	51.68	48.81	8.08	ppb
Bromine	81-1						cps
Cadmium	111-1	50.37	50.28	50.62	50.42	0.36	ppb
Cadmium	106-1	47.06	51.78	50.58	49.81	4.92	ppb
Cadmium	108-1	50.21	47.67	50.33	49.40	3.04	ppb
Calcium	43-1	4996.86	4972.56	5052.10	5007.17	0.81	ppb
Calcium	44-1	5014.76	4955.14	5068.94	5012.95	1.14	ppb
Chromium	52-2	49.73	50.69	49.06	49.83	1.64	ppb
Cobalt	59-2	51.60	50.81	49.75	50.72	1.83	ppb
Copper	63-2	515.32	515.97	503.27	511.52	1.40	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				103		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	54-2	2634.18	2557.98	2516.42	2569.53	2.32	ppb
Iron	56-2	2567.10	2554.27	2492.08	2537.82	1.58	ppb
Iron	57-2	2532.64	2497.23	2490.12	2506.66	0.91	ppb
Krypton	83-1						cps
Lead	206-1	246.44	248.54	242.99	245.99	1.14	ppb
Lead	207-1	242.11	243.92	239.72	241.92	0.87	ppb
Lead	208-1	245.56	243.66	243.39	244.21	0.48	ppb

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 09:27:05	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	5167.71	5087.74	5009.65	5088.36	1.55	ppb
Manganese	55-2	502.95	503.12	496.57	500.88	0.75	ppb
Molybdenum	94-1	252.91	251.92	253.55	252.79	0.32	ppb
Molybdenum	95-1	252.33	254.32	248.40	251.68	1.20	ppb
Molybdenum	96-1	249.56	252.92	251.37	251.28	0.67	ppb
Molybdenum	97-1	250.65	250.35	246.80	249.27	0.86	ppb
Molybdenum	98-1	250.92	252.88	250.01	251.27	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.26	51.64	48.68	50.86	3.76	ppb
Phosphorus	31-2	1052.12	1016.05	916.73	994.97	7.05	ppb
Potassium	39-2	2562.67	2536.25	2489.01	2529.31	1.48	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	51.28	53.36	51.61	52.08	2.15	ppb
Selenium	77-2	38.94	48.47	47.41	44.94	11.62	ppb
Selenium	78-2	53.25	52.29	45.16	50.24	8.80	ppb
Silicon	28-1	42.40	38.31	59.63	46.78	24.19	ppb
Silver	109-1	51.41	50.71	50.67	50.93	0.81	ppb
Silver	107-1	50.44	51.03	49.79	50.42	1.23	ppb
Sodium	23-2	5078.09	5100.04	4881.98	5020.04	2.39	ppb
Strontium	86-1	50.94	50.79	50.40	50.71	0.56	ppb
Strontium	88-1	51.19	50.43	51.10	50.91	0.81	ppb
Sulfur	34-1	1138.54	1025.76	1453.25	1205.85	18.37	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	50.22	50.22	49.08	49.84	1.32	ppb
Thallium	205-1	49.49	50.40	49.18	49.69	1.28	ppb
Tin	118-1	50.76	51.57	49.87	50.73	1.67	ppb
Titanium	47-1	250.36	248.30	255.28	251.31	1.43	ppb
Uranium	238-1	49.43	49.64	48.72	49.27	0.98	ppb
Vanadium	51-2	50.15	50.00	49.75	49.96	0.41	ppb
Yttrium	89-1				100		%

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 09:27:05	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	516.63	506.08	496.30	506.34	2.01	ppb
Zirconium	90-1	51.82	51.77	50.43	51.34	1.53	ppb
Zirconium	91-1	50.28	49.42	49.05	49.59	1.27	ppb

LB Number : LB111831 Operator : Jaswal
 Lab Sample ID : S04 Instrumnet Name : P8
 Client Sample ID : S04 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-04 09:30:15 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2494.62	2516.91	2489.50	2500.35	0.58	ppb
Antimony	121-1	129.83	127.67	129.25	128.92	0.87	ppb
Arsenic	75-2	125.90	124.56	126.08	125.51	0.66	ppb
Barium	135-1	639.93	638.73	643.75	640.80	0.41	ppb
Barium	137-1	640.21	641.49	631.79	637.83	0.83	ppb
Beryllium	9-1	124.62	124.88	125.01	124.84	0.16	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Boron	10-1	111.13	122.58	128.84	120.85	7.43	ppb
Boron	11-1	109.40	123.77	129.02	120.73	8.41	ppb
Bromine	81-1						cps
Cadmium	111-1	127.57	128.95	128.77	128.43	0.58	ppb
Cadmium	106-1	126.18	125.29	129.59	127.02	1.79	ppb
Cadmium	108-1	131.82	120.69	128.97	127.16	4.55	ppb
Calcium	43-1	12393.77	12693.94	12400.15	12495.95	1.37	ppb
Calcium	44-1	12513.89	12750.43	12449.54	12571.29	1.26	ppb
Chromium	52-2	124.47	125.94	124.59	125.00	0.65	ppb
Cobalt	59-2	127.34	127.20	126.66	127.06	0.28	ppb
Copper	63-2	1291.40	1267.69	1294.25	1284.45	1.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	54-2	6453.41	6384.29	6379.60	6405.77	0.65	ppb
Iron	56-2	6220.65	6232.29	6294.49	6249.14	0.64	ppb
Iron	57-2	6266.68	6288.75	6318.93	6291.45	0.42	ppb
Krypton	83-1						cps
Lead	206-1	626.21	618.69	627.02	623.97	0.74	ppb
Lead	207-1	624.02	612.43	621.32	619.25	0.98	ppb
Lead	208-1	635.01	622.86	629.96	629.28	0.97	ppb

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 09:30:15	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	13026.37	13087.22	13023.96	13045.85	0.27	ppb
Manganese	55-2	1263.96	1263.08	1272.49	1266.51	0.41	ppb
Molybdenum	94-1	652.65	628.05	648.98	643.23	2.06	ppb
Molybdenum	95-1	639.74	631.21	645.76	638.90	1.14	ppb
Molybdenum	96-1	640.00	625.08	630.48	631.85	1.20	ppb
Molybdenum	97-1	648.95	619.73	623.56	630.75	2.52	ppb
Molybdenum	98-1	654.83	619.09	629.48	634.47	2.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	124.41	127.78	128.18	126.79	1.63	ppb
Phosphorus	31-2	2550.08	2533.86	2659.57	2581.17	2.65	ppb
Potassium	39-2	6393.43	6408.84	6380.38	6394.22	0.22	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	129.72	125.00	127.28	127.33	1.85	ppb
Selenium	77-2	128.64	137.57	124.63	130.28	5.08	ppb
Selenium	78-2	136.23	120.74	137.87	131.62	7.18	ppb
Silicon	28-1	111.01	133.70	122.72	122.48	9.26	ppb
Silver	109-1	131.30	129.67	129.94	130.30	0.67	ppb
Silver	107-1	128.09	128.60	129.02	128.57	0.36	ppb
Sodium	23-2	12773.94	12734.39	12628.43	12712.25	0.59	ppb
Strontium	86-1	128.00	122.42	123.63	124.68	2.36	ppb
Strontium	88-1	131.24	127.09	126.28	128.20	2.08	ppb
Sulfur	34-1	1457.11	3053.69	1448.23	1986.34	46.54	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	127.21	127.11	126.98	127.10	0.09	ppb
Thallium	205-1	127.92	126.38	126.87	127.06	0.62	ppb
Tin	118-1	129.87	128.08	127.53	128.49	0.95	ppb
Titanium	47-1	621.55	635.32	617.60	624.82	1.49	ppb
Uranium	238-1	126.60	124.66	125.30	125.52	0.79	ppb
Vanadium	51-2	125.02	124.17	125.87	125.02	0.68	ppb
Yttrium	89-1				100		%

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 09:30:15	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	1270.07	1265.46	1287.52	1274.35	0.91	ppb
Zirconium	90-1	130.69	128.41	126.33	128.48	1.70	ppb
Zirconium	91-1	129.29	122.33	125.88	125.83	2.77	ppb

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 09:33:18	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4976.47	4964.28	4752.47	4897.74	2.57	ppb
Antimony	121-1	260.12	257.20	249.53	255.62	2.14	ppb
Arsenic	75-2	251.89	251.05	238.43	247.12	3.05	ppb
Barium	135-1	1286.64	1283.26	1245.00	1271.63	1.82	ppb
Barium	137-1	1290.61	1264.38	1246.89	1267.29	1.74	ppb
Beryllium	9-1	244.78	251.90	249.10	248.59	1.44	ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Boron	10-1	215.66	244.57	256.35	238.86	8.77	ppb
Boron	11-1	222.62	248.07	257.17	242.62	7.38	ppb
Bromine	81-1						cps
Cadmium	111-1	258.70	252.11	250.50	253.77	1.71	ppb
Cadmium	106-1	258.32	252.11	247.64	252.69	2.12	ppb
Cadmium	108-1	249.75	255.19	247.44	250.79	1.59	ppb
Calcium	43-1	25229.69	25237.36	25293.64	25253.57	0.14	ppb
Calcium	44-1	24938.05	25036.69	24839.91	24938.22	0.39	ppb
Chromium	52-2	245.71	248.48	236.52	243.57	2.57	ppb
Cobalt	59-2	249.84	249.41	240.27	246.51	2.19	ppb
Copper	63-2	2526.82	2516.72	2416.73	2486.75	2.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	54-2	12690.40	12749.52	12168.27	12536.07	2.55	ppb
Iron	56-2	12395.63	12493.45	11703.61	12197.56	3.53	ppb
Iron	57-2	12586.88	12580.87	11884.61	12350.78	3.27	ppb
Krypton	83-1						cps
Lead	206-1	1234.22	1267.65	1261.13	1254.33	1.41	ppb
Lead	207-1	1244.84	1265.64	1255.54	1255.34	0.83	ppb
Lead	208-1	1245.35	1273.12	1259.56	1259.34	1.10	ppb

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 09:33:18	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	25141.92	25475.24	24155.51	24924.22	2.75	ppb
Manganese	55-2	2476.33	2481.46	2372.91	2443.57	2.51	ppb
Molybdenum	94-1	1248.06	1304.27	1265.83	1272.72	2.26	ppb
Molybdenum	95-1	1237.53	1272.42	1271.03	1260.33	1.57	ppb
Molybdenum	96-1	1267.86	1282.64	1256.19	1268.89	1.04	ppb
Molybdenum	97-1	1240.09	1265.42	1252.45	1252.65	1.01	ppb
Molybdenum	98-1	1265.64	1275.80	1235.92	1259.12	1.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	253.73	249.98	241.42	248.38	2.54	ppb
Phosphorus	31-2	5214.82	5035.15	4593.61	4947.86	6.46	ppb
Potassium	39-2	12653.68	12488.44	12073.59	12405.24	2.41	ppb
Rhodium	103-1				98		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	82-1	247.56	256.85	249.64	251.35	1.94	ppb
Selenium	77-2	263.97	266.06	252.01	260.68	2.91	ppb
Selenium	78-2	253.72	249.30	237.39	246.80	3.42	ppb
Silicon	28-1	248.04	262.90	282.09	264.34	6.46	ppb
Silver	109-1	263.62	260.09	254.32	259.34	1.81	ppb
Silver	107-1	259.78	254.02	251.84	255.21	1.61	ppb
Sodium	23-2	24768.44	24665.22	23502.41	24312.02	2.89	ppb
Strontium	86-1	248.00	252.45	246.30	248.92	1.28	ppb
Strontium	88-1	252.15	250.93	252.12	251.73	0.28	ppb
Sulfur	34-1	4402.63	3623.61	4471.28	4165.84	11.30	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	247.72	257.40	250.15	251.76	2.00	ppb
Thallium	205-1	246.83	258.76	254.77	253.46	2.40	ppb
Tin	118-1	260.54	256.94	251.99	256.49	1.67	ppb
Titanium	47-1	1267.10	1269.87	1281.54	1272.84	0.60	ppb
Uranium	238-1	247.98	251.46	248.94	249.46	0.72	ppb
Vanadium	51-2	244.53	246.80	237.74	243.02	1.94	ppb
Yttrium	89-1				100		%

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 09:33:18	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	2501.11	2500.11	2389.90	2463.71	2.59	ppb
Zirconium	90-1	252.42	255.78	255.38	254.53	0.72	ppb
Zirconium	91-1	246.83	253.67	245.11	248.54	1.82	ppb

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 09:36:18	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9925.12	10043.92	9879.39	9949.48	0.85	ppb
Antimony	121-1	495.10	504.95	500.80	500.28	0.99	ppb
Arsenic	75-2	495.52	498.59	496.77	496.96	0.31	ppb
Barium	135-1	2487.15	2497.01	2540.71	2508.29	1.14	ppb
Barium	137-1	2515.60	2494.67	2529.22	2513.16	0.69	ppb
Beryllium	9-1	510.08	497.23	497.15	501.49	1.48	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	464.11	478.40	519.28	487.26	5.88	ppb
Boron	11-1	470.14	486.43	517.25	491.28	4.87	ppb
Bromine	81-1						cps
Cadmium	111-1	500.81	501.30	501.75	501.29	0.09	ppb
Cadmium	106-1	521.78	507.14	499.29	509.40	2.24	ppb
Cadmium	108-1	502.64	499.01	510.08	503.91	1.12	ppb
Calcium	43-1	50628.64	50770.56	49645.89	50348.36	1.22	ppb
Calcium	44-1	50041.46	50558.59	48969.05	49856.37	1.63	ppb
Chromium	52-2	500.66	500.36	493.88	498.30	0.77	ppb
Cobalt	59-2	502.51	507.33	496.31	502.05	1.10	ppb
Copper	63-2	4984.32	5031.73	4949.31	4988.46	0.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	54-2	25710.92	25542.16	25394.56	25549.22	0.62	ppb
Iron	56-2	25093.76	25251.72	24901.26	25082.25	0.70	ppb
Iron	57-2	25415.49	25371.07	24825.19	25203.91	1.30	ppb
Krypton	83-1						cps
Lead	206-1	2476.33	2557.03	2498.13	2510.50	1.66	ppb
Lead	207-1	2434.52	2590.35	2492.98	2505.95	3.14	ppb
Lead	208-1	2452.82	2549.97	2476.84	2493.21	2.03	ppb

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 09:36:18	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				99		%
Magnesium	24-2	49726.47	49752.80	48709.87	49396.38	1.20	ppb
Manganese	55-2	5088.00	5071.74	4993.01	5050.91	1.01	ppb
Molybdenum	94-1	2538.45	2535.71	2519.89	2531.35	0.40	ppb
Molybdenum	95-1	2557.35	2506.50	2509.68	2524.51	1.13	ppb
Molybdenum	96-1	2526.95	2513.44	2497.28	2512.56	0.59	ppb
Molybdenum	97-1	2536.52	2521.19	2497.02	2518.24	0.79	ppb
Molybdenum	98-1	2511.92	2445.66	2443.90	2467.16	1.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	506.74	497.34	498.44	500.84	1.03	ppb
Phosphorus	31-2	10157.87	9675.79	9640.24	9824.63	2.94	ppb
Potassium	39-2	24863.72	24561.90	24872.92	24766.18	0.71	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	504.52	505.54	509.90	506.65	0.56	ppb
Selenium	77-2	540.83	547.61	488.33	525.59	6.17	ppb
Selenium	78-2	497.34	486.93	507.82	497.36	2.10	ppb
Silicon	28-1	491.98	530.51	494.96	505.82	4.24	ppb
Silver	109-1	501.30	502.41	506.03	503.24	0.49	ppb
Silver	107-1	504.14	504.09	508.46	505.56	0.50	ppb
Sodium	23-2	49349.66	49646.59	48487.63	49161.29	1.22	ppb
Strontium	86-1	503.90	499.46	495.99	499.79	0.79	ppb
Strontium	88-1	502.32	511.23	495.21	502.92	1.60	ppb
Sulfur	34-1	10882.46	10630.34	8038.54	9850.45	15.98	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	495.87	510.36	493.80	500.01	1.80	ppb
Thallium	205-1	488.91	515.00	494.66	499.53	2.74	ppb
Tin	118-1	502.33	511.33	504.78	506.15	0.92	ppb
Titanium	47-1	2562.59	2574.39	2466.74	2534.57	2.33	ppb
Uranium	238-1	493.49	516.25	496.27	502.01	2.47	ppb
Vanadium	51-2	499.04	497.10	493.98	496.71	0.51	ppb
Yttrium	89-1				100		%

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 09:36:18	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	5049.03	5042.40	4966.30	5019.24	0.92	ppb
Zirconium	90-1	503.71	504.24	502.42	503.46	0.19	ppb
Zirconium	91-1	506.89	498.68	495.99	500.52	1.13	ppb

LB Number : LB111831 Operator : Jaswal
 Lab Sample ID : S07 Instrumnet Name : P8
 Client Sample ID : S07 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-04 09:39:17 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19677.43	19863.54	19899.45	19813.48	0.60	ppb
Antimony	121-1	990.22	1001.41	1002.20	997.95	0.67	ppb
Arsenic	75-2	1002.91	994.72	1009.05	1002.23	0.72	ppb
Barium	135-1	4944.72	4957.76	5062.50	4988.33	1.29	ppb
Barium	137-1	4950.91	4991.46	5019.70	4987.36	0.69	ppb
Beryllium	9-1	997.68	990.08	1011.13	999.63	1.07	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	927.77	1003.75	1097.85	1009.79	8.44	ppb
Boron	11-1	939.83	998.17	1082.62	1006.88	7.13	ppb
Bromine	81-1						cps
Cadmium	111-1	994.81	991.80	1007.28	997.96	0.82	ppb
Cadmium	106-1	994.19	1002.53	986.42	994.38	0.81	ppb
Cadmium	108-1	998.47	976.48	1017.86	997.60	2.08	ppb
Calcium	43-1	102401.51	99577.59	100306.80	100761.97	1.45	ppb
Calcium	44-1	98986.67	99147.33	99372.29	99168.76	0.20	ppb
Chromium	52-2	1000.32	1003.02	1004.06	1002.47	0.19	ppb
Cobalt	59-2	993.48	1014.76	990.43	999.55	1.33	ppb
Copper	63-2	10009.93	9967.05	10035.62	10004.20	0.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	54-2	51824.99	51453.96	50715.58	51331.51	1.10	ppb
Iron	56-2	50220.72	50580.60	49848.60	50216.64	0.73	ppb
Iron	57-2	49924.30	51367.09	50265.98	50519.12	1.49	ppb
Krypton	83-1						cps
Lead	206-1	4887.07	5130.55	4964.36	4994.00	2.49	ppb
Lead	207-1	4882.33	5097.35	5010.76	4996.81	2.17	ppb
Lead	208-1	4892.13	5108.14	5002.17	5000.81	2.16	ppb

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 09:39:17	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				96		%
Magnesium	24-2	99734.93	99181.42	99700.81	99539.05	0.31	ppb
Manganese	55-2	10015.22	10079.83	9864.58	9986.54	1.11	ppb
Molybdenum	94-1	4974.85	4965.06	4988.78	4976.23	0.24	ppb
Molybdenum	95-1	4948.89	4976.61	5024.53	4983.34	0.77	ppb
Molybdenum	96-1	4987.45	4979.54	4997.25	4988.08	0.18	ppb
Molybdenum	97-1	5014.60	4953.30	5000.70	4989.53	0.64	ppb
Molybdenum	98-1	4979.89	5027.62	5031.17	5012.89	0.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	997.37	1008.22	993.57	999.72	0.76	ppb
Phosphorus	31-2	19688.43	20108.56	20475.48	20090.82	1.96	ppb
Potassium	39-2	49652.61	49424.70	49441.45	49506.25	0.26	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	985.30	1002.46	1000.07	995.94	0.93	ppb
Selenium	77-2	972.33	970.92	1009.18	984.14	2.20	ppb
Selenium	78-2	995.60	1006.73	1001.48	1001.27	0.56	ppb
Silicon	28-1	1011.67	966.37	1003.87	993.97	2.44	ppb
Silver	109-1	995.57	983.45	1006.98	995.33	1.18	ppb
Silver	107-1	995.27	976.00	1015.08	995.45	1.96	ppb
Sodium	23-2	98783.59	99053.90	99867.30	99234.93	0.57	ppb
Strontium	86-1	996.51	1000.56	1004.07	1000.38	0.38	ppb
Strontium	88-1	991.77	998.70	1002.51	997.66	0.55	ppb
Sulfur	34-1	22521.19	19019.10	19471.40	20337.23	9.37	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	961.95	1042.16	993.80	999.30	4.04	ppb
Thallium	205-1	973.05	1023.26	1001.08	999.13	2.52	ppb
Tin	118-1	982.73	990.14	1011.63	994.83	1.51	ppb
Titanium	47-1	5065.91	4930.50	4934.47	4976.96	1.55	ppb
Uranium	238-1	978.17	1025.18	993.96	999.10	2.39	ppb
Vanadium	51-2	995.83	1009.70	1004.65	1003.39	0.70	ppb
Yttrium	89-1				100		%

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 09:39:17	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	9904.41	9902.09	10181.77	9996.09	1.61	ppb
Zirconium	90-1	986.18	996.05	1007.69	996.64	1.08	ppb
Zirconium	91-1	991.79	993.32	1014.95	1000.02	1.30	ppb

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 09:42:17	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	110824.34	95445.97	93872.32	100047.54	9.36	ppb
Antimony	121-1	0.90	1.09	1.01	1.00	9.62	ppb
Arsenic	75-2	0.62	0.68	0.62	0.64	5.72	ppb
Barium	135-1	9.64	10.09	10.37	10.03	3.70	ppb
Barium	137-1	9.65	9.76	10.27	9.89	3.32	ppb
Beryllium	9-1	0.62	0.64	0.58	0.61	4.52	ppb
Bismuth	209-1				96		%
Bismuth	209-2				93		%
Boron	10-1	138.41	124.98	110.99	124.79	10.99	ppb
Boron	11-1	137.37	124.29	109.08	123.58	11.46	ppb
Bromine	81-1						cps
Cadmium	111-1	0.46	0.94	0.62	0.67	36.86	ppb
Cadmium	106-1	-1.05	5.69	0.81	1.82	191.64	ppb
Cadmium	108-1	1.44	1.24	1.02	1.23	17.24	ppb
Calcium	43-1	493728.33	503776.22	501895.85	499800.13	1.07	ppb
Calcium	44-1	490690.14	506747.18	503108.10	500181.81	1.68	ppb
Chromium	52-2	4.31	4.06	3.97	4.11	4.34	ppb
Cobalt	59-2	2.17	1.96	1.92	2.01	6.62	ppb
Copper	63-2	8.44	7.91	7.36	7.90	6.81	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				103		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	54-2	276504.78	238121.55	234390.82	249672.38	9.34	ppb
Iron	56-2	274198.63	237054.56	238636.45	249963.21	8.40	ppb
Iron	57-2	272378.02	239947.59	237320.82	249882.14	7.81	ppb
Krypton	83-1						cps
Lead	206-1	6.66	6.37	6.43	6.49	2.33	ppb
Lead	207-1	6.52	6.43	7.22	6.72	6.45	ppb
Lead	208-1	6.57	6.58	6.82	6.66	2.10	ppb

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 09:42:17	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				99		%
Magnesium	24-2	551788.59	474200.28	474436.57	500141.81	8.94	ppb
Manganese	55-2	12.38	10.89	11.11	11.46	7.01	ppb
Molybdenum	94-1	1.99	2.24	2.03	2.09	6.42	ppb
Molybdenum	95-1	2.20	1.92	1.99	2.04	7.26	ppb
Molybdenum	96-1	2.32	2.27	2.18	2.26	3.03	ppb
Molybdenum	97-1	2.00	1.95	1.93	1.96	1.99	ppb
Molybdenum	98-1	2.12	1.99	2.04	2.05	3.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.40	3.14	3.57	3.70	17.30	ppb
Phosphorus	31-2	63.75	54.45	22.19	46.80	46.61	ppb
Potassium	39-2	272275.64	239503.90	238589.67	250123.07	7.67	ppb
Rhodium	103-1				95		%
Rhodium	103-2				92		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	82-1	0.05	1.80	0.67	0.84	105.30	ppb
Selenium	77-2	-1.94	-1.94	-0.04	-1.31		ppb
Selenium	78-2	3.90	-0.22	1.08	1.59	132.49	ppb
Silicon	28-1	116.50	143.14	141.08	133.58	11.10	ppb
Silver	109-1	0.64	0.73	0.71	0.69	7.20	ppb
Silver	107-1	0.74	0.66	0.65	0.69	7.45	ppb
Sodium	23-2	549012.46	474178.26	477606.65	500265.79	8.45	ppb
Strontium	86-1	5.75	5.80	5.92	5.82	1.53	ppb
Strontium	88-1	5.73	5.61	5.73	5.69	1.26	ppb
Sulfur	34-1	-4380.54	-4896.14	-4999.08	-4758.59		ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	0.96	0.85	0.88	0.90	6.29	ppb
Thallium	205-1	0.95	0.90	0.83	0.89	6.78	ppb
Tin	118-1	0.48	0.54	0.53	0.52	5.45	ppb
Titanium	47-1	1.59	1.56	1.10	1.42	19.19	ppb
Uranium	238-1	0.26	0.27	0.25	0.26	2.34	ppb
Vanadium	51-2	0.42	0.36	0.40	0.39	8.18	ppb
Yttrium	89-1				100		%

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 09:42:17	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				98		%
Zinc	66-2	33.27	30.60	28.02	30.63	8.58	ppb
Zirconium	90-1	0.38	0.37	0.36	0.37	2.51	ppb
Zirconium	91-1	0.53	0.46	0.39	0.46	15.32	ppb

LB Number : LB111831 Operator : Jaswal
 Lab Sample ID : ICV Instrumnet Name : P8
 Client Sample ID : ICV Dilution Factor : 1
 Date & Time Acquired :: 2020-11-04 10:30:58 DataFile Name : 011ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	472.55	464.15	475.36	470.69	1.24	ppb
Antimony	121-1	192.62	193.12	191.03	192.26	0.57	ppb
Arsenic	75-2	197.26	197.24	195.38	196.63	0.55	ppb
Barium	135-1	99.84	97.35	98.71	98.63	1.26	ppb
Barium	137-1	101.23	99.96	98.73	99.97	1.25	ppb
Beryllium	9-1	95.57	93.29	96.40	95.09	1.70	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	670.07	664.19	689.55	674.60	1.97	ppb
Boron	11-1	670.62	667.37	692.02	676.67	1.98	ppb
Bromine	81-1						cps
Cadmium	111-1	101.23	101.12	100.45	100.93	0.42	ppb
Cadmium	106-1	141.72	150.08	151.36	147.72	3.54	ppb
Cadmium	108-1	129.61	136.76	131.55	132.64	2.79	ppb
Calcium	43-1	1992.33	1960.77	1953.34	1968.82	1.05	ppb
Calcium	44-1	1951.10	1921.37	1913.98	1928.82	1.02	ppb
Chromium	52-2	96.18	94.89	95.87	95.65	0.70	ppb
Cobalt	59-2	97.77	98.96	98.84	98.52	0.66	ppb
Copper	63-2	101.38	102.75	102.46	102.19	0.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	54-2	1980.97	1949.68	1972.34	1967.66	0.82	ppb
Iron	56-2	1951.60	1894.68	1908.83	1918.37	1.54	ppb
Iron	57-2	1895.29	1833.86	1897.56	1875.57	1.93	ppb
Krypton	83-1						cps
Lead	206-1	198.29	199.32	199.85	199.15	0.40	ppb
Lead	207-1	183.87	185.92	183.76	184.52	0.66	ppb
Lead	208-1	191.60	193.81	192.35	192.59	0.58	ppb

LB Number : LB111831 Operator : Jaswal
 Lab Sample ID : ICV Instrumnet Name : P8
 Client Sample ID : ICV Dilution Factor : 1
 Date & Time Acquired :: 2020-11-04 10:30:58 DataFile Name : 011ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				98		%
Magnesium	24-2	1134.81	1124.81	1145.99	1135.20	0.93	ppb
Manganese	55-2	102.23	100.70	101.53	101.49	0.76	ppb
Molybdenum	94-1	2387.02	2419.63	2391.34	2399.33	0.74	ppb
Molybdenum	95-1	2390.29	2401.88	2392.05	2394.74	0.26	ppb
Molybdenum	96-1	2390.83	2390.81	2383.86	2388.50	0.17	ppb
Molybdenum	97-1	2405.68	2425.02	2398.88	2409.86	0.56	ppb
Molybdenum	98-1	2367.47	2411.12	2401.91	2393.50	0.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	107.39	108.94	110.17	108.84	1.28	ppb
Phosphorus	31-2	-43.76	14.50	-15.70	-14.99		ppb
Potassium	39-2	1887.25	1831.26	1854.24	1857.58	1.51	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	82-1	195.12	199.26	198.55	197.64	1.12	ppb
Selenium	77-2	217.99	170.52	226.48	204.99	14.71	ppb
Selenium	78-2	202.52	191.01	197.27	196.93	2.93	ppb
Silicon	28-1	401.99	421.78	451.87	425.21	5.91	ppb
Silver	109-1	48.11	48.22	47.08	47.80	1.32	ppb
Silver	107-1	47.77	48.13	47.93	47.94	0.38	ppb
Sodium	23-2	1897.43	1863.64	1922.36	1894.48	1.56	ppb
Strontium	86-1	474.31	482.07	475.00	477.13	0.90	ppb
Strontium	88-1	484.42	480.03	483.09	482.52	0.47	ppb
Sulfur	34-1	-1395.03	-3100.08	-2524.60	-2339.91		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	206.92	207.10	203.60	205.87	0.96	ppb
Thallium	205-1	203.65	205.28	206.23	205.05	0.64	ppb
Tin	118-1	480.16	484.60	478.47	481.08	0.66	ppb
Titanium	47-1	2411.18	2388.61	2399.90	2399.90	0.47	ppb
Uranium	238-1	475.16	475.23	480.46	476.95	0.64	ppb
Vanadium	51-2	94.76	94.85	96.65	95.42	1.12	ppb
Yttrium	89-1				100		%

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 10:30:58	DataFile Name :	011ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	190.86	194.39	190.06	191.77	1.20	ppb
Zirconium	90-1	486.40	474.37	473.40	478.05	1.51	ppb
Zirconium	91-1	472.07	472.54	475.30	473.30	0.37	ppb

LB Number : LB111831 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2020-11-04 10:37:10 DataFile Name : 012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.50	0.99	-1.00	-0.50		ppb
Antimony	121-1	0.02	0.05	0.04	0.04	43.21	ppb
Arsenic	75-2	-0.02	-0.02	0.02	0.00		ppb
Barium	135-1	0.01	0.01	-0.01	0.00	209.09	ppb
Barium	137-1	-0.01	-0.03	-0.02	-0.02		ppb
Beryllium	9-1	0.03	0.05	0.06	0.05	34.28	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	6.43	6.16	7.12	6.57	7.51	ppb
Boron	11-1	6.02	6.00	6.19	6.07	1.70	ppb
Bromine	81-1						cps
Cadmium	111-1	0.09	-0.05	-0.23	-0.07		ppb
Cadmium	106-1	1.26	-0.71	-3.09	-0.85		ppb
Cadmium	108-1	0.05	-0.03	0.05	0.02	184.84	ppb
Calcium	43-1	-4.18	-4.49	-4.98	-4.55		ppb
Calcium	44-1	-40.96	-36.57	-39.22	-38.92		ppb
Chromium	52-2	0.04	-0.02	0.03	0.02	175.62	ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	-0.01	-0.14	0.01	-0.05		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				102		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	54-2	2.55	-0.62	2.39	1.44	124.18	ppb
Iron	56-2	0.91	0.92	0.60	0.81	22.51	ppb
Iron	57-2	-1.99	2.83	-1.29	-0.15		ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.09	0.05	0.07	30.52	ppb
Lead	207-1	0.05	0.01	0.06	0.04	69.88	ppb
Lead	208-1	0.05	0.06	0.06	0.06	11.05	ppb

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 10:37:10	DataFile Name :	012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				98		%
Magnesium	24-2	-0.48	-0.51	0.27	-0.24		ppb
Manganese	55-2	-0.06	-0.02	0.04	-0.01		ppb
Molybdenum	94-1	-0.04	0.02	0.05	0.01	461.91	ppb
Molybdenum	95-1	0.03	0.05	0.01	0.03	71.71	ppb
Molybdenum	96-1	0.01	0.01	0.00	0.01	101.49	ppb
Molybdenum	97-1	0.03	0.03	0.05	0.04	43.64	ppb
Molybdenum	98-1	0.03	0.02	0.04	0.03	34.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.40	-0.29	-0.44	-0.38		ppb
Phosphorus	31-2	-31.98	-20.45	-47.91	-33.45		ppb
Potassium	39-2	-21.67	-17.38	-10.04	-16.36		ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	-0.32	-0.37	0.11	-0.20		ppb
Selenium	77-2	0.04	0.03	-1.94	-0.63		ppb
Selenium	78-2	0.53	-1.48	0.85	-0.03		ppb
Silicon	28-1	-34.31	-25.45	-13.99	-24.58		ppb
Silver	109-1	0.00	0.02	0.00	0.01	123.34	ppb
Silver	107-1	0.01	0.01	-0.01	0.00	387.27	ppb
Sodium	23-2	6.89	11.12	-0.36	5.88	98.69	ppb
Strontium	86-1	-0.02	-0.16	-0.01	-0.06		ppb
Strontium	88-1	0.00	-0.01	0.00	0.00		ppb
Sulfur	34-1	-1962.06	-751.88	-972.72	-1228.89		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.05	0.07	0.03	0.05	40.83	ppb
Thallium	205-1	0.04	0.04	0.03	0.04	19.10	ppb
Tin	118-1	0.01	0.02	-0.01	0.01	270.79	ppb
Titanium	47-1	-0.12	-0.18	-0.02	-0.10		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	169.51	ppb
Vanadium	51-2	0.01	0.00	-0.01	0.00	16957.44	ppb
Yttrium	89-1				100		%

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 10:37:10	DataFile Name :	012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				99		%
Zinc	66-2	-0.05	-0.08	0.26	0.04	431.37	ppb
Zirconium	90-1	0.00	0.01	-0.01	0.00		ppb
Zirconium	91-1	-0.01	0.01	0.00	0.00	11206.37	ppb

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 10:40:02	DataFile Name :	013ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91439.91	89587.29	89814.62	90280.61	1.12	ppb
Antimony	121-1	1.01	1.09	1.07	1.06	4.23	ppb
Arsenic	75-2	0.28	0.34	0.38	0.33	15.29	ppb
Barium	135-1	1.21	1.28	1.40	1.30	7.20	ppb
Barium	137-1	1.09	1.50	1.33	1.30	15.62	ppb
Beryllium	9-1	0.28	0.25	0.28	0.27	7.19	ppb
Bismuth	209-1				102		%
Bismuth	209-2				97		%
Boron	10-1	7.03	6.80	6.84	6.89	1.76	ppb
Boron	11-1	7.50	6.59	7.18	7.09	6.46	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.03	0.28	0.09	0.12	132.31	ppb
Cadmium	106-1	-3.39	-0.29	-4.07	-2.58		ppb
Cadmium	108-1	9.33	10.91	8.65	9.63	12.05	ppb
Calcium	43-1	91750.14	96063.72	93901.03	93904.96	2.30	ppb
Calcium	44-1	90616.38	94718.12	92714.51	92683.00	2.21	ppb
Chromium	52-2	18.22	18.66	19.36	18.75	3.05	ppb
Cobalt	59-2	1.13	1.11	1.16	1.14	2.30	ppb
Copper	63-2	7.51	7.53	7.89	7.64	2.78	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				105		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	54-2	94505.44	94949.92	94902.89	94786.08	0.26	ppb
Iron	56-2	94297.42	94517.75	95515.40	94776.85	0.68	ppb
Iron	57-2	96250.46	96673.20	98082.11	97001.92	0.99	ppb
Krypton	83-1						cps
Lead	206-1	3.97	4.39	4.31	4.22	5.28	ppb
Lead	207-1	3.42	3.61	3.60	3.54	3.09	ppb
Lead	208-1	3.77	3.95	4.05	3.92	3.60	ppb

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 10:40:02	DataFile Name :	013ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				98		%
Magnesium	24-2	92183.75	92336.92	91923.02	92147.90	0.23	ppb
Manganese	55-2	7.29	6.83	7.26	7.13	3.59	ppb
Molybdenum	94-1	1258.61	1282.32	1304.37	1281.77	1.79	ppb
Molybdenum	95-1	1783.67	1799.46	1854.72	1812.62	2.06	ppb
Molybdenum	96-1	1702.06	1737.55	1754.36	1731.32	1.54	ppb
Molybdenum	97-1	1763.90	1863.51	1881.16	1836.19	3.44	ppb
Molybdenum	98-1	1769.74	1814.17	1845.01	1809.64	2.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.04	4.95	4.40	4.80	7.25	ppb
Phosphorus	31-2	94319.84	93376.61	93397.51	93697.99	0.57	ppb
Potassium	39-2	92905.81	92331.57	91806.91	92348.09	0.60	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	-0.06	0.55	0.08	0.19	169.27	ppb
Selenium	77-2	-1.94	-0.02	-1.94	-1.30		ppb
Selenium	78-2	2.33	0.32	-0.24	0.80	168.68	ppb
Silicon	28-1	33.64	16.81	9.37	19.94	62.37	ppb
Silver	109-1	0.01	0.02	0.02	0.02	33.53	ppb
Silver	107-1	0.01	0.03	0.04	0.02	60.86	ppb
Sodium	23-2	95346.45	94949.35	94280.78	94858.86	0.57	ppb
Strontium	86-1	31.42	33.15	33.26	32.61	3.16	ppb
Strontium	88-1	32.01	32.74	33.31	32.69	1.99	ppb
Sulfur	34-1	78375.67	83105.52	79618.36	80366.51	3.05	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.05	0.13	0.09	0.09	41.02	ppb
Thallium	205-1	0.04	0.08	0.08	0.07	33.20	ppb
Tin	118-1	0.11	0.14	0.15	0.13	17.08	ppb
Titanium	47-1	1860.15	1950.02	1891.37	1900.51	2.40	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	29.91	ppb
Vanadium	51-2	0.12	0.12	0.16	0.13	17.12	ppb
Yttrium	89-1				102		%

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 10:40:02	DataFile Name :	013ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	9.95	10.98	10.81	10.58	5.22	ppb
Zirconium	90-1	0.03	0.00	0.00	0.01	164.37	ppb
Zirconium	91-1	0.00	-0.01	0.00	0.00		ppb

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 10:42:52	DataFile Name :	014ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90866.54	92098.09	91642.68	91535.77	0.68	ppb
Antimony	121-1	20.23	24.37	22.32	22.31	9.28	ppb
Arsenic	75-2	19.38	20.50	20.25	20.04	2.95	ppb
Barium	135-1	20.67	25.06	23.31	23.01	9.60	ppb
Barium	137-1	19.76	25.82	23.17	22.92	13.25	ppb
Beryllium	9-1	19.55	22.54	20.39	20.83	7.39	ppb
Bismuth	209-1				93		%
Bismuth	209-2				96		%
Boron	10-1	81.17	92.18	85.06	86.14	6.49	ppb
Boron	11-1	79.25	93.19	86.01	86.15	8.09	ppb
Bromine	81-1						cps
Cadmium	111-1	19.28	23.77	20.89	21.31	10.68	ppb
Cadmium	106-1	22.91	32.02	22.64	25.86	20.64	ppb
Cadmium	108-1	28.48	35.12	38.00	33.87	14.41	ppb
Calcium	43-1	91784.54	114563.79	103273.12	103207.15	11.04	ppb
Calcium	44-1	90554.38	111812.00	101478.05	101281.47	10.50	ppb
Chromium	52-2	38.00	38.90	38.20	38.36	1.23	ppb
Cobalt	59-2	20.28	20.93	20.83	20.68	1.69	ppb
Copper	63-2	28.66	28.90	28.47	28.68	0.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				100		%
Indium	115-1				94		%
Indium	115-2				99		%
Iron	54-2	95512.48	96545.21	96000.13	96019.27	0.54	ppb
Iron	56-2	95082.20	96371.43	95332.61	95595.41	0.72	ppb
Iron	57-2	96567.21	98315.46	95755.27	96879.31	1.35	ppb
Krypton	83-1						cps
Lead	206-1	22.87	28.57	24.61	25.35	11.52	ppb
Lead	207-1	21.34	26.18	22.55	23.35	10.79	ppb
Lead	208-1	22.00	27.22	23.36	24.19	11.18	ppb

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 10:42:52	DataFile Name :	014ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				90		%
Magnesium	24-2	92506.79	94085.35	92761.56	93117.90	0.91	ppb
Manganese	55-2	25.30	26.27	25.35	25.64	2.11	ppb
Molybdenum	94-1	1398.69	1697.94	1527.93	1541.52	9.74	ppb
Molybdenum	95-1	1862.46	2271.31	2044.57	2059.45	9.95	ppb
Molybdenum	96-1	1766.07	2188.82	1981.56	1978.82	10.68	ppb
Molybdenum	97-1	1843.17	2282.42	2070.22	2065.27	10.64	ppb
Molybdenum	98-1	1831.44	2275.64	2061.59	2056.22	10.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.32	25.20	26.21	25.58	2.16	ppb
Phosphorus	31-2	93815.51	95691.14	95277.42	94928.02	1.04	ppb
Potassium	39-2	92574.86	94830.27	93226.17	93543.77	1.24	ppb
Rhodium	103-1				90		%
Rhodium	103-2				96		%
Scandium	45-1				93		%
Scandium	45-2				101		%
Selenium	82-1	18.07	22.75	21.84	20.89	11.88	ppb
Selenium	77-2	23.11	13.84	27.65	21.53	32.69	ppb
Selenium	78-2	22.27	19.00	19.01	20.09	9.38	ppb
Silicon	28-1	54.35	172.72	104.63	110.57	53.73	ppb
Silver	109-1	18.30	21.99	20.11	20.13	9.18	ppb
Silver	107-1	18.19	22.09	19.90	20.06	9.75	ppb
Sodium	23-2	95617.59	96507.98	96091.81	96072.46	0.46	ppb
Strontium	86-1	83.19	102.63	90.03	91.95	10.72	ppb
Strontium	88-1	87.17	105.32	95.55	96.01	9.46	ppb
Sulfur	34-1	72799.15	104486.97	89459.88	88915.33	17.83	ppb
Terbium	159-1				96		%
Terbium	159-2				100		%
Thallium	203-1	20.01	23.72	20.91	21.55	8.99	ppb
Thallium	205-1	19.82	24.06	21.06	21.65	10.07	ppb
Tin	118-1	53.89	65.46	58.62	59.32	9.81	ppb
Titanium	47-1	1910.80	2377.46	2121.64	2136.63	10.94	ppb
Uranium	238-1	53.64	65.85	59.01	59.50	10.28	ppb
Vanadium	51-2	19.08	19.45	19.39	19.31	1.02	ppb
Yttrium	89-1				94		%

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 10:42:52	DataFile Name :	014ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	30.42	31.41	30.43	30.75	1.84	ppb
Zirconium	90-1	52.81	65.65	58.92	59.13	10.87	ppb
Zirconium	91-1	51.56	63.06	57.66	57.43	10.02	ppb

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	CCV062	Instrumnet Name :	P8
Client Sample ID :	CCV062	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 10:45:40	DataFile Name :	015CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47501.99	47458.83	47274.01	47411.61	0.26	ppb
Antimony	121-1	495.03	517.75	518.20	510.33	2.60	ppb
Arsenic	75-2	527.88	522.56	523.91	524.78	0.53	ppb
Barium	135-1	2454.81	2638.33	2589.71	2560.95	3.71	ppb
Barium	137-1	2453.37	2607.32	2611.21	2557.30	3.52	ppb
Beryllium	9-1	493.74	518.56	508.89	507.06	2.47	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Boron	10-1	431.14	486.75	519.02	478.97	9.28	ppb
Boron	11-1	439.63	499.74	520.28	486.55	8.61	ppb
Bromine	81-1						cps
Cadmium	111-1	485.01	508.40	511.76	501.73	2.90	ppb
Cadmium	106-1	489.92	512.69	514.10	505.57	2.68	ppb
Cadmium	108-1	478.18	491.12	509.76	493.02	3.22	ppb
Calcium	43-1	234963.46	254701.85	248964.22	246209.85	4.12	ppb
Calcium	44-1	231631.48	245663.97	246678.65	241324.70	3.48	ppb
Chromium	52-2	517.06	519.23	518.54	518.28	0.21	ppb
Cobalt	59-2	515.62	510.68	508.90	511.73	0.68	ppb
Copper	63-2	5357.82	5418.27	5291.48	5355.85	1.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	54-2	123871.62	123055.24	122195.24	123040.70	0.68	ppb
Iron	56-2	123245.44	123106.88	119928.28	122093.53	1.54	ppb
Iron	57-2	125533.19	124717.25	121503.28	123917.91	1.72	ppb
Krypton	83-1						cps
Lead	206-1	2437.12	2611.37	2674.53	2574.34	4.78	ppb
Lead	207-1	2463.15	2643.85	2620.10	2575.70	3.81	ppb
Lead	208-1	2463.47	2615.28	2637.58	2572.11	3.68	ppb

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	CCV062	Instrumnet Name :	P8
Client Sample ID :	CCV062	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 10:45:40	DataFile Name :	015CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				96		%
Magnesium	24-2	245146.32	248383.85	246343.51	246624.56	0.66	ppb
Manganese	55-2	5217.32	5209.74	5161.33	5196.13	0.58	ppb
Molybdenum	94-1	2446.06	2607.19	2681.89	2578.38	4.67	ppb
Molybdenum	95-1	2462.08	2590.65	2640.91	2564.55	3.60	ppb
Molybdenum	96-1	2412.52	2565.91	2645.45	2541.29	4.66	ppb
Molybdenum	97-1	2432.66	2650.56	2686.71	2589.98	5.31	ppb
Molybdenum	98-1	2463.50	2598.47	2623.08	2561.69	3.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.86	510.78	500.33	506.32	1.07	ppb
Phosphorus	31-2	10176.46	10748.12	10277.14	10400.58	2.93	ppb
Potassium	39-2	124213.85	123787.54	123073.29	123691.56	0.47	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	82-1	508.77	533.86	546.55	529.73	3.63	ppb
Selenium	77-2	486.00	529.05	514.69	509.91	4.30	ppb
Selenium	78-2	541.90	534.53	533.24	536.56	0.87	ppb
Silicon	28-1	412.33	499.95	493.55	468.61	10.42	ppb
Silver	109-1	489.27	503.28	515.47	502.67	2.61	ppb
Silver	107-1	496.89	509.65	518.94	508.49	2.18	ppb
Sodium	23-2	247256.50	249062.24	246243.76	247520.83	0.58	ppb
Strontium	86-1	494.16	509.35	527.75	510.42	3.30	ppb
Strontium	88-1	497.45	514.21	524.66	512.11	2.68	ppb
Sulfur	34-1	3639.40	6933.40	6936.07	5836.29	32.60	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	489.74	519.20	530.22	513.05	4.08	ppb
Thallium	205-1	489.58	519.53	530.91	513.34	4.16	ppb
Tin	118-1	491.46	518.93	522.73	511.04	3.34	ppb
Titanium	47-1	2497.66	2633.00	2631.78	2587.48	3.01	ppb
Uranium	238-1	499.09	530.08	533.65	520.94	3.65	ppb
Vanadium	51-2	525.63	526.53	515.34	522.50	1.19	ppb
Yttrium	89-1				101		%

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	CCV062	Instrumnet Name :	P8
Client Sample ID :	CCV062	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 10:45:40	DataFile Name :	015CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	5343.48	5384.74	5338.93	5355.72	0.47	ppb
Zirconium	90-1	495.60	530.82	532.58	519.67	4.01	ppb
Zirconium	91-1	483.02	518.25	530.33	510.53	4.82	ppb

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	CCB062	Instrumnet Name :	P8
Client Sample ID :	CCB062	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 10:56:30	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.10	2.01	0.85	0.92	114.83	ppb
Antimony	121-1	0.05	0.05	0.05	0.05	8.25	ppb
Arsenic	75-2	0.00	0.03	-0.02	0.01	435.12	ppb
Barium	135-1	-0.02	0.09	0.15	0.07	115.97	ppb
Barium	137-1	0.03	-0.02	0.01	0.01	260.49	ppb
Beryllium	9-1	0.08	0.07	0.10	0.08	15.13	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	8.86	8.33	8.17	8.45	4.23	ppb
Boron	11-1	8.84	8.43	8.29	8.52	3.34	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.20	-0.16	-0.32	-0.23		ppb
Cadmium	106-1	-2.61	-2.06	-4.37	-3.01		ppb
Cadmium	108-1	0.05	0.05	0.05	0.05	2.39	ppb
Calcium	43-1	0.70	-6.12	1.05	-1.46		ppb
Calcium	44-1	-18.07	-17.59	-21.27	-18.98		ppb
Chromium	52-2	0.04	-0.09	0.03	-0.01		ppb
Cobalt	59-2	0.01	0.02	0.03	0.02	49.80	ppb
Copper	63-2	0.19	0.22	0.15	0.19	21.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	54-2	4.38	5.01	1.03	3.47	61.62	ppb
Iron	56-2	3.21	3.73	4.54	3.83	17.52	ppb
Iron	57-2	2.30	4.96	3.22	3.49	38.74	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.17	0.13	0.14	17.76	ppb
Lead	207-1	0.12	0.17	0.13	0.14	19.16	ppb
Lead	208-1	0.13	0.16	0.13	0.14	12.95	ppb

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	CCB062	Instrumnet Name :	P8
Client Sample ID :	CCB062	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 10:56:30	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				95		%
Magnesium	24-2	2.86	0.98	4.26	2.70	61.12	ppb
Manganese	55-2	0.13	0.03	0.04	0.06	86.04	ppb
Molybdenum	94-1	0.06	0.01	0.01	0.03	111.89	ppb
Molybdenum	95-1	0.11	0.08	0.05	0.08	41.03	ppb
Molybdenum	96-1	0.06	0.01	0.01	0.03	90.20	ppb
Molybdenum	97-1	0.09	0.06	0.07	0.08	19.06	ppb
Molybdenum	98-1	0.05	0.04	0.07	0.06	27.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.31	-0.43	-0.36	-0.37		ppb
Phosphorus	31-2	-0.21	6.44	13.19	6.47	103.54	ppb
Potassium	39-2	-1.84	12.23	6.97	5.79	122.81	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				100		%
Selenium	82-1	0.80	0.84	-0.54	0.37	215.09	ppb
Selenium	77-2	-1.94	-1.94	-1.94	-1.94		ppb
Selenium	78-2	-0.36	-0.40	0.72	-0.02		ppb
Silicon	28-1	-5.44	-20.01	-22.27	-15.91		ppb
Silver	109-1	0.02	0.02	0.02	0.02	18.29	ppb
Silver	107-1	0.01	0.01	0.00	0.01	87.61	ppb
Sodium	23-2	26.77	32.32	34.95	31.35	13.31	ppb
Strontium	86-1	-0.04	0.06	-0.12	-0.03		ppb
Strontium	88-1	0.01	0.00	0.00	0.00	109.58	ppb
Sulfur	34-1	-1892.77	-1844.54	-2330.08	-2022.46		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.09	0.07	0.12	0.09	26.77	ppb
Thallium	205-1	0.06	0.07	0.07	0.07	11.56	ppb
Tin	118-1	0.02	0.02	0.00	0.01	102.25	ppb
Titanium	47-1	0.07	0.16	0.32	0.18	69.05	ppb
Uranium	238-1	0.01	0.00	0.01	0.00	98.89	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	92.52	ppb
Yttrium	89-1				98		%

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	CCB062	Instrumnet Name :	P8
Client Sample ID :	CCB062	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 10:56:30	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				99		%
Zinc	66-2	0.13	0.72	0.17	0.34	98.49	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	57.52	ppb
Zirconium	91-1	-0.02	0.02	0.00	0.00		ppb

LB Number : LB111831 Operator : Jaswal
 Lab Sample ID : PB132774BL Instrumnet Name : P8
 Client Sample ID : PBW774 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-04 10:59:20 DataFile Name : 017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.48	-2.70	-1.75	-1.98		ppb
Antimony	121-1	0.01	0.03	0.03	0.02	44.69	ppb
Arsenic	75-2	0.00	0.02	-0.02	0.00		ppb
Barium	135-1	0.05	0.01	0.02	0.03	83.15	ppb
Barium	137-1	-0.02	-0.02	-0.04	-0.03		ppb
Beryllium	9-1	0.10	0.04	0.06	0.07	47.87	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	7.09	7.53	6.70	7.11	5.84	ppb
Boron	11-1	7.02	6.88	6.59	6.83	3.16	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.04	-0.07	-0.23	-0.12		ppb
Cadmium	106-1	-0.30	-0.73	-2.94	-1.32		ppb
Cadmium	108-1	0.14	0.13	0.13	0.13	5.50	ppb
Calcium	43-1	-1.02	-3.00	2.72	-0.43		ppb
Calcium	44-1	-19.26	-30.21	-31.64	-27.04		ppb
Chromium	52-2	0.12	0.05	0.09	0.09	41.63	ppb
Cobalt	59-2	0.01	-0.01	0.01	0.01	151.31	ppb
Copper	63-2	0.13	0.07	0.11	0.10	30.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	54-2	2.53	1.78	1.68	2.00	23.15	ppb
Iron	56-2	1.86	1.90	1.52	1.76	11.74	ppb
Iron	57-2	0.71	0.37	1.88	0.99	80.23	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.10	0.06	0.09	32.33	ppb
Lead	207-1	0.12	0.05	0.06	0.07	51.59	ppb
Lead	208-1	0.09	0.07	0.07	0.08	12.91	ppb

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	PB132774BL	Instrumnet Name :	P8
Client Sample ID :	PBW774	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 10:59:20	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				93		%
Magnesium	24-2	1.18	-1.59	-1.28	-0.57		ppb
Manganese	55-2	0.06	0.02	-0.13	-0.01		ppb
Molybdenum	94-1	-0.04	-0.02	0.02	-0.01		ppb
Molybdenum	95-1	0.01	-0.01	0.01	0.00	301.83	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	530.58	ppb
Molybdenum	97-1	0.01	0.04	0.02	0.02	76.50	ppb
Molybdenum	98-1	0.01	0.01	0.00	0.00	42.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.27	-0.57	-0.47	-0.44		ppb
Phosphorus	31-2	30.30	-14.27	12.60	9.54	235.18	ppb
Potassium	39-2	2.96	0.64	0.56	1.39	98.28	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	82-1	-1.03	-1.54	-0.63	-1.06		ppb
Selenium	77-2	4.04	2.06	2.05	2.72	42.13	ppb
Selenium	78-2	0.22	1.53	1.69	1.15	70.06	ppb
Silicon	28-1	-0.14	-20.49	-18.16	-12.93		ppb
Silver	109-1	0.02	0.02	0.01	0.02	19.44	ppb
Silver	107-1	0.02	0.00	0.00	0.00	488.83	ppb
Sodium	23-2	34.33	22.82	27.46	28.20	20.54	ppb
Strontium	86-1	0.07	0.10	0.01	0.06	81.09	ppb
Strontium	88-1	-0.01	0.00	-0.01	0.00		ppb
Sulfur	34-1	-540.40	-2948.61	-3182.96	-2223.99		ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	0.05	0.06	0.07	0.06	14.18	ppb
Thallium	205-1	0.05	0.06	0.06	0.06	8.99	ppb
Tin	118-1	-0.01	-0.03	0.02	-0.01		ppb
Titanium	47-1	0.17	-0.10	0.00	0.02	573.78	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				99		%

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	PB132774BL	Instrumnet Name :	P8
Client Sample ID :	PBW774	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 10:59:20	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				98		%
Zinc	66-2	0.15	0.17	0.08	0.13	34.90	ppb
Zirconium	90-1	0.00	0.00	-0.02	-0.01		ppb
Zirconium	91-1	0.01	-0.01	-0.02	0.00		ppb

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	PB132774BS	Instrumnet Name :	P8
Client Sample ID :	LCS774	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 11:02:13	DataFile Name :	018LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.35	40.68	37.79	38.94	3.93	ppb
Antimony	121-1	3.86	3.71	3.82	3.80	1.97	ppb
Arsenic	75-2	2.20	2.01	2.06	2.09	4.89	ppb
Barium	135-1	19.38	19.84	18.82	19.35	2.64	ppb
Barium	137-1	20.02	19.71	18.98	19.57	2.73	ppb
Beryllium	9-1	1.93	2.04	1.95	1.98	2.99	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	36.67	44.24	47.31	42.74	12.82	ppb
Boron	11-1	40.07	46.55	49.00	45.21	10.20	ppb
Bromine	81-1						cps
Cadmium	111-1	2.41	2.62	2.41	2.48	4.85	ppb
Cadmium	106-1	0.57	4.31	1.96	2.28	82.89	ppb
Cadmium	108-1	2.88	2.24	2.53	2.55	12.54	ppb
Calcium	43-1	956.71	906.70	933.28	932.23	2.68	ppb
Calcium	44-1	924.63	899.31	908.13	910.69	1.41	ppb
Chromium	52-2	3.72	4.01	3.71	3.81	4.46	ppb
Cobalt	59-2	1.90	1.95	1.87	1.91	1.98	ppb
Copper	63-2	4.80	4.91	5.00	4.90	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				100		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	54-2	394.27	409.25	390.46	397.99	2.50	ppb
Iron	56-2	387.50	393.56	391.27	390.78	0.78	ppb
Iron	57-2	394.50	401.54	380.43	392.16	2.74	ppb
Krypton	83-1						cps
Lead	206-1	1.80	2.10	2.02	1.97	7.85	ppb
Lead	207-1	1.59	1.79	1.89	1.75	8.60	ppb
Lead	208-1	1.75	1.88	1.95	1.86	5.30	ppb

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	PB132774BS	Instrumnet Name :	P8
Client Sample ID :	LCS774	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 11:02:13	DataFile Name :	018LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				94		%
Magnesium	24-2	958.17	967.25	960.89	962.11	0.48	ppb
Manganese	55-2	1.94	1.93	1.82	1.90	3.48	ppb
Molybdenum	94-1	9.20	9.22	9.76	9.39	3.41	ppb
Molybdenum	95-1	9.31	9.38	9.64	9.44	1.87	ppb
Molybdenum	96-1	8.97	9.65	10.02	9.54	5.59	ppb
Molybdenum	97-1	9.22	9.71	9.54	9.49	2.64	ppb
Molybdenum	98-1	9.58	9.48	9.34	9.47	1.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.90	1.58	1.54	1.68	11.68	ppb
Phosphorus	31-2	22.93	-8.65	6.11	6.80	232.39	ppb
Potassium	39-2	891.80	975.93	918.89	928.88	4.62	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	11.30	9.83	8.81	9.98	12.55	ppb
Selenium	77-2	13.98	8.00	7.86	9.95	35.11	ppb
Selenium	78-2	11.81	8.71	11.53	10.68	16.05	ppb
Silicon	28-1	-1.71	-16.55	-8.08	-8.78		ppb
Silver	109-1	1.95	2.02	2.05	2.01	2.59	ppb
Silver	107-1	1.92	1.95	1.98	1.95	1.69	ppb
Sodium	23-2	965.49	992.95	964.69	974.38	1.65	ppb
Strontium	86-1	1.79	2.19	1.83	1.94	11.42	ppb
Strontium	88-1	1.99	1.93	1.89	1.93	2.68	ppb
Sulfur	34-1	-1488.40	-2901.49	-3357.51	-2582.47		ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	1.69	1.93	1.83	1.82	6.64	ppb
Thallium	205-1	1.86	1.80	1.86	1.84	2.06	ppb
Tin	118-1	9.94	9.39	9.76	9.70	2.88	ppb
Titanium	47-1	9.98	9.27	8.85	9.37	6.06	ppb
Uranium	238-1	1.73	1.88	1.71	1.77	5.15	ppb
Vanadium	51-2	9.88	9.20	9.43	9.50	3.65	ppb
Yttrium	89-1				98		%

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	PB132774BS	Instrumnet Name :	P8
Client Sample ID :	LCS774	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 11:02:13	DataFile Name :	018LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				99		%
Zinc	66-2	3.75	3.80	4.26	3.94	7.06	ppb
Zirconium	90-1	1.92	1.88	1.96	1.92	2.17	ppb
Zirconium	91-1	1.77	1.80	1.98	1.85	5.96	ppb

LB Number : LB111831 Operator : Jaswal
 Lab Sample ID : PB132775BL Instrumnet Name : P8
 Client Sample ID : PBW775 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-04 11:05:04 DataFile Name : 019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.50	1.46	-1.05	0.30	415.85	ppb
Antimony	121-1	0.03	0.00	0.03	0.02	66.41	ppb
Arsenic	75-2	0.02	-0.03	0.02	0.00	5132.73	ppb
Barium	135-1	-0.02	0.00	-0.02	-0.01		ppb
Barium	137-1	-0.01	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.04	0.05	0.03	0.04	29.46	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	11.67	10.01	10.25	10.64	8.44	ppb
Boron	11-1	10.42	10.61	9.90	10.31	3.57	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.07	0.07	-0.26	-0.09		ppb
Cadmium	106-1	-0.92	1.31	-3.42	-1.01		ppb
Cadmium	108-1	-0.03	0.29	0.05	0.10	160.82	ppb
Calcium	43-1	-5.06	-4.11	-4.33	-4.50		ppb
Calcium	44-1	-28.63	-9.34	-11.36	-16.45		ppb
Chromium	52-2	0.04	0.08	0.03	0.05	55.00	ppb
Cobalt	59-2	0.01	0.01	-0.01	0.01	204.59	ppb
Copper	63-2	0.09	0.10	-0.02	0.06	119.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	54-2	2.04	0.61	0.79	1.15	67.95	ppb
Iron	56-2	1.32	1.34	1.30	1.32	1.45	ppb
Iron	57-2	-0.92	-3.22	1.54	-0.87		ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.14	0.10	0.10	33.85	ppb
Lead	207-1	0.06	0.11	0.11	0.10	29.53	ppb
Lead	208-1	0.06	0.11	0.10	0.09	30.26	ppb

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	PB132775BL	Instrumnet Name :	P8
Client Sample ID :	PBW775	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 11:05:04	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				93		%
Magnesium	24-2	2.31	1.12	-0.01	1.14	101.82	ppb
Manganese	55-2	-0.04	-0.08	-0.08	-0.07		ppb
Molybdenum	94-1	0.04	-0.01	-0.03	0.00		ppb
Molybdenum	95-1	0.01	0.00	-0.01	0.00		ppb
Molybdenum	96-1	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	97-1	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	98-1	0.01	0.00	0.02	0.01	95.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.39	-0.43	-0.46	-0.43		ppb
Phosphorus	31-2	-8.92	-9.85	45.22	8.82	357.70	ppb
Potassium	39-2	-7.81	-28.00	-29.03	-21.61		ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	0.78	0.89	1.32	1.00	28.94	ppb
Selenium	77-2	0.02	0.05	-1.94	-0.62		ppb
Selenium	78-2	2.10	-1.77	0.12	0.15	1298.11	ppb
Silicon	28-1	-70.18	-12.35	-19.39	-33.98		ppb
Silver	109-1	0.01	0.02	0.01	0.01	30.92	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	28.43	24.81	19.20	24.14	19.27	ppb
Strontium	86-1	-0.08	-0.04	0.00	-0.04		ppb
Strontium	88-1	-0.01	0.00	-0.01	-0.01		ppb
Sulfur	34-1	-6595.50	-1567.76	-2105.96	-3423.07		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.04	0.04	0.06	0.05	25.54	ppb
Thallium	205-1	0.04	0.06	0.04	0.05	23.89	ppb
Tin	118-1	-0.03	-0.02	-0.02	-0.02		ppb
Titanium	47-1	-0.06	-0.05	0.08	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	47.46	ppb
Yttrium	89-1				100		%

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	PB132775BL	Instrumnet Name :	P8
Client Sample ID :	PBW775	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 11:05:04	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				99		%
Zinc	66-2	-0.06	-0.17	-0.19	-0.14		ppb
Zirconium	90-1	0.00	-0.02	-0.02	-0.01		ppb
Zirconium	91-1	0.05	-0.04	0.01	0.01	796.00	ppb

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	PB132775BS	Instrumnet Name :	P8
Client Sample ID :	LCS775	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 11:07:57	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40.44	36.25	39.09	38.59	5.55	ppb
Antimony	121-1	3.62	3.71	3.73	3.69	1.58	ppb
Arsenic	75-2	2.14	2.03	1.93	2.03	5.23	ppb
Barium	135-1	18.00	19.00	18.62	18.54	2.71	ppb
Barium	137-1	18.85	19.73	18.98	19.19	2.48	ppb
Beryllium	9-1	1.86	1.93	2.02	1.94	4.11	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	37.03	42.42	49.78	43.07	14.86	ppb
Boron	11-1	39.13	43.43	49.08	43.88	11.37	ppb
Bromine	81-1						cps
Cadmium	111-1	2.05	2.26	2.49	2.27	9.72	ppb
Cadmium	106-1	-0.92	2.94	3.63	1.88	130.26	ppb
Cadmium	108-1	2.18	2.53	2.69	2.46	10.52	ppb
Calcium	43-1	882.83	896.89	913.52	897.75	1.71	ppb
Calcium	44-1	883.93	880.80	900.85	888.53	1.21	ppb
Chromium	52-2	3.93	3.73	3.62	3.76	4.21	ppb
Cobalt	59-2	1.83	1.91	1.87	1.87	2.04	ppb
Copper	63-2	4.65	4.56	4.90	4.71	3.78	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				102		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	54-2	390.16	389.29	390.16	389.87	0.13	ppb
Iron	56-2	388.55	380.94	379.83	383.11	1.24	ppb
Iron	57-2	395.03	382.48	384.15	387.22	1.76	ppb
Krypton	83-1						cps
Lead	206-1	1.90	1.73	1.76	1.80	4.88	ppb
Lead	207-1	1.55	1.65	1.72	1.64	5.08	ppb
Lead	208-1	1.72	1.68	1.78	1.73	2.86	ppb

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	PB132775BS	Instrumnet Name :	P8
Client Sample ID :	LCS775	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 11:07:57	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				95		%
Magnesium	24-2	959.94	955.11	958.59	957.88	0.26	ppb
Manganese	55-2	1.95	1.79	1.83	1.86	4.62	ppb
Molybdenum	94-1	9.39	9.52	9.50	9.47	0.72	ppb
Molybdenum	95-1	9.37	9.55	9.38	9.43	1.10	ppb
Molybdenum	96-1	9.14	9.00	9.25	9.13	1.35	ppb
Molybdenum	97-1	9.31	9.83	9.14	9.43	3.78	ppb
Molybdenum	98-1	9.34	9.47	9.44	9.42	0.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.84	1.76	1.81	1.80	2.26	ppb
Phosphorus	31-2	-8.05	6.90	39.65	12.84	190.06	ppb
Potassium	39-2	939.04	910.71	881.05	910.27	3.19	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	11.09	10.44	10.76	10.77	3.04	ppb
Selenium	77-2	6.04	2.01	2.03	3.36	69.00	ppb
Selenium	78-2	8.05	12.57	10.52	10.38	21.82	ppb
Silicon	28-1	-3.50	-18.11	-0.78	-7.46		ppb
Silver	109-1	1.84	1.96	1.96	1.92	3.53	ppb
Silver	107-1	1.73	2.00	1.84	1.86	7.20	ppb
Sodium	23-2	988.76	962.16	960.42	970.45	1.64	ppb
Strontium	86-1	1.74	1.84	1.84	1.80	3.32	ppb
Strontium	88-1	1.87	1.86	1.92	1.88	1.56	ppb
Sulfur	34-1	-3059.33	-2778.37	-2463.81	-2767.17		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	1.70	2.03	1.93	1.89	8.83	ppb
Thallium	205-1	1.82	1.81	1.84	1.82	1.06	ppb
Tin	118-1	9.13	9.66	9.31	9.37	2.88	ppb
Titanium	47-1	9.23	9.59	9.54	9.45	2.02	ppb
Uranium	238-1	1.72	1.92	1.69	1.78	7.06	ppb
Vanadium	51-2	9.32	9.74	9.08	9.38	3.56	ppb
Yttrium	89-1				98		%

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	PB132775BS	Instrumnet Name :	P8
Client Sample ID :	LCS775	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 11:07:57	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				98		%
Zinc	66-2	4.46	4.06	4.03	4.18	5.74	ppb
Zirconium	90-1	1.87	1.72	1.91	1.84	5.43	ppb
Zirconium	91-1	1.83	1.92	1.66	1.80	7.37	ppb

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	L4448-08	Instrumnet Name :	P8
Client Sample ID :	MGB050	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 11:10:47	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	489.75	491.75	484.34	488.62	0.78	ppb
Antimony	121-1	11.58	11.72	11.29	11.53	1.90	ppb
Arsenic	75-2	4.94	4.82	4.91	4.89	1.24	ppb
Barium	135-1	0.01	-0.03	-0.03	-0.02		ppb
Barium	137-1	-0.01	-0.02	0.02	0.00		ppb
Beryllium	9-1	2.98	2.99	3.02	3.00	0.77	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	9.76	10.27	9.59	9.87	3.60	ppb
Boron	11-1	10.45	9.48	9.00	9.65	7.69	ppb
Bromine	81-1						cps
Cadmium	111-1	2.75	2.95	2.85	2.85	3.49	ppb
Cadmium	106-1	-0.67	2.82	2.03	1.39	131.65	ppb
Cadmium	108-1	2.45	2.40	2.06	2.30	9.21	ppb
Calcium	43-1	758.71	775.46	772.82	769.00	1.17	ppb
Calcium	44-1	734.41	737.67	750.51	740.86	1.15	ppb
Chromium	52-2	6.13	5.81	5.74	5.89	3.51	ppb
Cobalt	59-2	2.95	2.94	2.96	2.95	0.43	ppb
Copper	63-2	6.12	6.22	6.10	6.15	1.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	54-2	190.98	200.25	210.38	200.54	4.84	ppb
Iron	56-2	197.01	196.86	194.54	196.14	0.71	ppb
Iron	57-2	192.93	197.89	187.27	192.69	2.76	ppb
Krypton	83-1						cps
Lead	206-1	7.35	7.04	7.48	7.29	3.13	ppb
Lead	207-1	7.18	7.11	7.15	7.15	0.48	ppb
Lead	208-1	7.24	7.17	7.38	7.26	1.43	ppb

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	L4448-08	Instrumnet Name :	P8
Client Sample ID :	MGB050	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 11:10:47	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				95		%
Magnesium	24-2	321.80	327.38	317.45	322.21	1.54	ppb
Manganese	55-2	6.36	6.74	7.00	6.70	4.84	ppb
Molybdenum	94-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	95-1	0.01	-0.01	-0.01	0.00		ppb
Molybdenum	96-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	97-1	-0.01	0.01	0.01	0.00	348.41	ppb
Molybdenum	98-1	0.01	0.00	0.01	0.00	45.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.86	2.98	2.80	2.88	3.25	ppb
Phosphorus	31-2	-64.84	22.72	10.14	-10.66		ppb
Potassium	39-2	573.12	585.84	563.48	574.15	1.95	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	14.04	15.34	13.37	14.25	7.06	ppb
Selenium	77-2	17.50	5.85	3.90	9.08	80.97	ppb
Selenium	78-2	16.33	17.44	19.38	17.72	8.73	ppb
Silicon	28-1	-34.22	-35.31	-28.94	-32.82		ppb
Silver	109-1	2.94	3.06	2.85	2.95	3.62	ppb
Silver	107-1	2.91	3.05	3.20	3.05	4.86	ppb
Sodium	23-2	350.78	359.80	349.30	353.29	1.61	ppb
Strontium	86-1	0.10	-0.03	-0.03	0.01	626.52	ppb
Strontium	88-1	0.03	0.03	0.03	0.03	14.41	ppb
Sulfur	34-1	-3225.87	-3792.29	-2696.50	-3238.22		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	3.00	2.84	3.02	2.95	3.39	ppb
Thallium	205-1	2.84	2.95	2.91	2.90	1.94	ppb
Tin	118-1	0.03	0.00	0.00	0.01	181.36	ppb
Titanium	47-1	-0.08	0.00	-0.03	-0.04		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	3.86	3.81	3.94	3.87	1.64	ppb
Yttrium	89-1				101		%

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	L4448-08	Instrumnet Name :	P8
Client Sample ID :	MGB050	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 11:10:47	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	15.57	15.16	13.98	14.91	5.53	ppb
Zirconium	90-1	0.00	0.01	-0.01	0.00	2062.15	ppb
Zirconium	91-1	0.01	0.00	0.01	0.01	50.34	ppb

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	L4448-08RE	Instrumnet Name :	P8
Client Sample ID :	MGB050	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 11:13:41	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	498.94	495.11	483.97	492.67	1.58	ppb
Antimony	121-1	11.40	11.90	14.31	12.54	12.39	ppb
Arsenic	75-2	4.92	4.91	4.70	4.85	2.53	ppb
Barium	135-1	-0.01	0.03	0.02	0.02	125.95	ppb
Barium	137-1	-0.02	0.05	0.00	0.01	371.70	ppb
Beryllium	9-1	2.96	3.08	3.65	3.23	11.42	ppb
Bismuth	209-1				97		%
Bismuth	209-2				100		%
Boron	10-1	5.40	4.14	6.24	5.26	20.15	ppb
Boron	11-1	4.93	5.38	6.22	5.51	11.94	ppb
Bromine	81-1						cps
Cadmium	111-1	2.60	2.67	3.55	2.94	18.02	ppb
Cadmium	106-1	0.29	1.68	0.67	0.88	81.50	ppb
Cadmium	108-1	3.46	3.08	3.75	3.43	9.86	ppb
Calcium	43-1	719.22	773.80	972.78	821.94	16.24	ppb
Calcium	44-1	719.73	775.50	989.30	828.18	17.18	ppb
Chromium	52-2	5.97	5.83	5.84	5.88	1.36	ppb
Cobalt	59-2	2.99	2.95	3.02	2.99	1.22	ppb
Copper	63-2	6.50	6.05	6.16	6.24	3.78	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				96		%
Holmium	165-2				100		%
Indium	115-1				95		%
Indium	115-2				100		%
Iron	54-2	202.66	207.93	203.42	204.67	1.39	ppb
Iron	56-2	198.03	198.49	191.99	196.17	1.85	ppb
Iron	57-2	180.01	193.03	195.04	189.36	4.31	ppb
Krypton	83-1						cps
Lead	206-1	7.33	7.50	9.51	8.11	14.97	ppb
Lead	207-1	7.38	7.05	8.64	7.69	10.85	ppb
Lead	208-1	7.38	7.19	9.04	7.87	12.93	ppb

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	L4448-08RE	Instrumnet Name :	P8
Client Sample ID :	MGB050	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 11:13:41	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				89		%
Magnesium	24-2	320.26	336.84	331.72	329.61	2.58	ppb
Manganese	55-2	6.49	7.13	6.56	6.73	5.25	ppb
Molybdenum	94-1	-0.06	0.04	-0.03	-0.02		ppb
Molybdenum	95-1	0.01	0.02	0.01	0.01	23.97	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	97-1	0.02	0.01	0.02	0.02	43.74	ppb
Molybdenum	98-1	0.00	0.01	0.00	0.01	66.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.62	2.88	2.77	2.76	4.80	ppb
Phosphorus	31-2	32.28	-3.97	-32.75	-1.48		ppb
Potassium	39-2	578.76	592.74	565.06	578.85	2.39	ppb
Rhodium	103-1				94		%
Rhodium	103-2				101		%
Scandium	45-1				94		%
Scandium	45-2				101		%
Selenium	82-1	16.16	14.06	17.43	15.89	10.71	ppb
Selenium	77-2	3.83	15.57	15.51	11.64	58.08	ppb
Selenium	78-2	16.79	16.69	14.85	16.11	6.80	ppb
Silicon	28-1	-47.72	-27.26	81.40	2.14	3242.89	ppb
Silver	109-1	2.85	2.75	3.89	3.16	19.93	ppb
Silver	107-1	2.90	3.03	3.68	3.20	13.07	ppb
Sodium	23-2	364.52	361.58	350.06	358.72	2.13	ppb
Strontium	86-1	-0.02	0.01	0.12	0.04	207.59	ppb
Strontium	88-1	0.03	0.03	0.05	0.04	33.02	ppb
Sulfur	34-1	-4622.73	-2229.61	7630.14	259.27	2504.97	ppb
Terbium	159-1				96		%
Terbium	159-2				100		%
Thallium	203-1	2.67	2.84	3.59	3.03	16.07	ppb
Thallium	205-1	2.82	3.03	3.57	3.14	12.30	ppb
Tin	118-1	-0.01	0.00	0.06	0.01	276.02	ppb
Titanium	47-1	-0.02	0.18	0.38	0.18	113.59	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	3.70	3.65	3.77	3.71	1.64	ppb
Yttrium	89-1				95		%

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	L4448-08RE	Instrumnet Name :	P8
Client Sample ID :	MGB050	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 11:13:41	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	15.66	14.02	14.40	14.69	5.86	ppb
Zirconium	90-1	-0.01	0.01	-0.01	0.00		ppb
Zirconium	91-1	-0.03	-0.01	0.00	-0.01		ppb

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	CCV063	Instrumnet Name :	P8
Client Sample ID :	CCV063	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 11:16:32	DataFile Name :	023CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48758.44	47717.40	48130.84	48202.23	1.09	ppb
Antimony	121-1	523.20	518.96	516.50	519.55	0.65	ppb
Arsenic	75-2	524.68	525.56	528.11	526.12	0.34	ppb
Barium	135-1	2658.16	2641.19	2593.44	2630.93	1.28	ppb
Barium	137-1	2646.54	2630.80	2594.11	2623.82	1.03	ppb
Beryllium	9-1	527.90	529.00	530.59	529.17	0.26	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	442.10	491.19	531.72	488.34	9.19	ppb
Boron	11-1	453.50	499.91	533.44	495.62	8.10	ppb
Bromine	81-1						cps
Cadmium	111-1	509.18	511.06	510.51	510.25	0.19	ppb
Cadmium	106-1	520.04	512.73	510.51	514.43	0.97	ppb
Cadmium	108-1	501.73	511.98	509.26	507.66	1.05	ppb
Calcium	43-1	252412.65	248895.36	245907.57	249071.86	1.31	ppb
Calcium	44-1	245961.14	250343.57	245702.60	247335.77	1.05	ppb
Chromium	52-2	534.65	523.73	524.77	527.72	1.14	ppb
Cobalt	59-2	528.55	518.42	520.69	522.55	1.02	ppb
Copper	63-2	5510.50	5429.27	5418.05	5452.61	0.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	54-2	128581.71	124050.73	125137.11	125923.18	1.88	ppb
Iron	56-2	127162.28	122874.16	123480.91	124505.78	1.86	ppb
Iron	57-2	127790.05	124439.80	123389.77	125206.54	1.84	ppb
Krypton	83-1						cps
Lead	206-1	2603.35	2641.24	2616.85	2620.48	0.73	ppb
Lead	207-1	2583.51	2632.94	2606.41	2607.62	0.95	ppb
Lead	208-1	2613.85	2636.68	2615.56	2622.03	0.48	ppb

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	CCV063	Instrumnet Name :	P8
Client Sample ID :	CCV063	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 11:16:32	DataFile Name :	023CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				97		%
Magnesium	24-2	254346.69	249944.57	249802.52	251364.59	1.03	ppb
Manganese	55-2	5431.81	5205.21	5358.39	5331.80	2.17	ppb
Molybdenum	94-1	2626.37	2592.96	2531.65	2583.66	1.86	ppb
Molybdenum	95-1	2630.57	2550.74	2541.67	2574.33	1.90	ppb
Molybdenum	96-1	2609.69	2508.77	2573.44	2563.97	1.99	ppb
Molybdenum	97-1	2610.38	2561.45	2586.03	2585.95	0.95	ppb
Molybdenum	98-1	2596.09	2558.78	2513.54	2556.14	1.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	524.91	515.40	512.04	517.45	1.29	ppb
Phosphorus	31-2	10809.17	10342.60	10472.14	10541.30	2.28	ppb
Potassium	39-2	129201.91	124793.34	123240.85	125745.36	2.46	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	537.74	525.34	524.84	529.31	1.38	ppb
Selenium	77-2	586.06	457.47	557.44	533.65	12.65	ppb
Selenium	78-2	531.47	551.95	542.57	542.00	1.89	ppb
Silicon	28-1	460.67	488.16	477.62	475.48	2.92	ppb
Silver	109-1	517.93	507.66	511.34	512.31	1.02	ppb
Silver	107-1	523.08	512.82	516.96	517.62	1.00	ppb
Sodium	23-2	253154.38	250412.65	247035.86	250200.97	1.22	ppb
Strontium	86-1	513.34	507.65	508.55	509.84	0.60	ppb
Strontium	88-1	511.84	512.96	514.53	513.11	0.26	ppb
Sulfur	34-1	10620.17	9027.43	8975.28	9540.96	9.80	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	520.33	528.15	528.21	525.56	0.86	ppb
Thallium	205-1	521.09	532.21	525.16	526.15	1.07	ppb
Tin	118-1	531.99	518.06	518.68	522.91	1.51	ppb
Titanium	47-1	2600.41	2622.51	2584.12	2602.35	0.74	ppb
Uranium	238-1	526.35	537.87	546.17	536.79	1.85	ppb
Vanadium	51-2	542.07	525.01	529.63	532.24	1.66	ppb
Yttrium	89-1				101		%

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	CCV063	Instrumnet Name :	P8
Client Sample ID :	CCV063	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 11:16:32	DataFile Name :	023CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	5518.55	5436.83	5429.99	5461.79	0.90	ppb
Zirconium	90-1	519.24	523.69	512.05	518.33	1.13	ppb
Zirconium	91-1	523.10	516.90	502.11	514.04	2.10	ppb

LB Number : LB111831 Operator : Jaswal
 Lab Sample ID : CCB063 Instrumnet Name : P8
 Client Sample ID : CCB063 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-04 11:24:08 DataFile Name : 024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.17	1.19	-1.36	-0.44		ppb
Antimony	121-1	0.05	0.07	0.08	0.07	27.57	ppb
Arsenic	75-2	-0.01	0.00	-0.03	-0.01		ppb
Barium	135-1	0.05	-0.02	0.00	0.01	402.13	ppb
Barium	137-1	-0.01	0.04	0.03	0.02	137.84	ppb
Beryllium	9-1	0.12	0.11	0.07	0.10	23.45	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	10-1	11.93	10.74	11.27	11.31	5.28	ppb
Boron	11-1	11.97	11.83	10.90	11.57	5.01	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.06	-0.13	0.07	-0.04		ppb
Cadmium	106-1	-0.59	-1.56	1.06	-0.36		ppb
Cadmium	108-1	0.28	0.53	-0.03	0.26	106.29	ppb
Calcium	43-1	-2.51	0.13	-1.11	-1.16		ppb
Calcium	44-1	-34.73	-33.93	-33.15	-33.93		ppb
Chromium	52-2	0.10	0.07	0.10	0.09	19.42	ppb
Cobalt	59-2	0.01	0.00	0.02	0.01	68.22	ppb
Copper	63-2	0.33	0.28	0.25	0.28	13.69	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				101		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	54-2	7.17	4.45	4.14	5.26	31.76	ppb
Iron	56-2	3.65	3.39	3.43	3.49	4.00	ppb
Iron	57-2	1.04	5.55	5.08	3.89	63.82	ppb
Krypton	83-1						cps
Lead	206-1	0.19	0.18	0.16	0.18	8.36	ppb
Lead	207-1	0.11	0.13	0.18	0.14	25.52	ppb
Lead	208-1	0.15	0.14	0.14	0.15	3.40	ppb

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	CCB063	Instrumnet Name :	P8
Client Sample ID :	CCB063	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 11:24:08	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				97		%
Magnesium	24-2	4.08	5.95	2.90	4.31	35.62	ppb
Manganese	55-2	0.04	0.16	0.12	0.11	54.81	ppb
Molybdenum	94-1	0.05	0.07	0.02	0.05	57.46	ppb
Molybdenum	95-1	0.02	0.05	0.05	0.04	37.46	ppb
Molybdenum	96-1	0.03	0.04	0.09	0.05	57.30	ppb
Molybdenum	97-1	0.07	0.04	0.04	0.05	36.74	ppb
Molybdenum	98-1	0.06	0.03	0.06	0.05	30.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.46	-0.41	-0.33	-0.40		ppb
Phosphorus	31-2	-8.54	13.88	-9.25	-1.30		ppb
Potassium	39-2	-3.89	28.60	40.91	21.87	105.80	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	0.45	-0.27	1.30	0.49	158.39	ppb
Selenium	77-2	-1.94	0.04	-1.94	-1.28		ppb
Selenium	78-2	0.92	1.79	-0.38	0.78	140.97	ppb
Silicon	28-1	-28.72	-28.52	-38.98	-32.08		ppb
Silver	109-1	0.01	0.01	0.02	0.01	24.71	ppb
Silver	107-1	0.00	0.00	0.00	0.00	112.97	ppb
Sodium	23-2	17.90	26.41	28.23	24.18	22.80	ppb
Strontium	86-1	0.01	0.01	0.14	0.05	148.48	ppb
Strontium	88-1	-0.01	0.00	0.00	0.00		ppb
Sulfur	34-1	-1733.79	-2239.11	-1457.15	-1810.02		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.15	0.08	0.07	0.10	44.62	ppb
Thallium	205-1	0.05	0.06	0.07	0.06	13.65	ppb
Tin	118-1	-0.04	0.02	0.01	0.00		ppb
Titanium	47-1	0.10	-0.04	0.40	0.15	147.18	ppb
Uranium	238-1	0.00	0.01	0.01	0.00	101.70	ppb
Vanadium	51-2	0.02	0.00	-0.01	0.01	249.09	ppb
Yttrium	89-1				99		%

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	CCB063	Instrumnet Name :	P8
Client Sample ID :	CCB063	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 11:24:08	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				98		%
Zinc	66-2	0.33	0.58	0.26	0.39	42.47	ppb
Zirconium	90-1	0.00	0.01	-0.01	0.00		ppb
Zirconium	91-1	0.01	0.00	0.00	0.00	292.29	ppb

LB Number : LB111831 Operator : Jaswal
 Lab Sample ID : S00 Instrumnet Name : P8
 Client Sample ID : S00 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-04 09:20:45 DataFile Name : 003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	492	451	484	476	4.57	cps
Antimony	121-1	0	50	8	19	137.78	cps
Arsenic	75-2	6	7	5	6	16.67	cps
Barium	135-1	17	25	42	28	45.82	cps
Barium	137-1	67	50	67	61	15.75	cps
Beryllium	9-1	46	44	42	44	4.55	cps
Bismuth	209-1	2115083	2054496	2121408	2096995	1.76	cps
Bismuth	209-2	1195861	1196385	1178002	1190082	0.88	cps
Boron	10-1	90	72	76	79	11.91	cps
Boron	11-1	332	400	320	351	12.30	cps
Bromine	81-1	2353	2273	2463	2363	4.04	cps
Cadmium	111-1	1185	1020	1031	1079	8.56	cps
Cadmium	106-1	1683	1442	1467	1531	8.68	cps
Cadmium	108-1	8	8	0	6	86.60	cps
Calcium	43-1	307	309	306	307	0.41	cps
Calcium	44-1	28344	28230	27826	28134	0.97	cps
Chromium	52-2	903	870	887	887	1.88	cps
Cobalt	59-2	80	50	40	57	36.74	cps
Copper	63-2	743	740	887	790	10.60	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	8	25	19	49.50	cps
Erbium	164-2	13	0	10	8	89.21	cps
Gadolinium	160-1	50	17	67	44	57.28	cps
Gadolinium	160-2	13	7	7	9	43.25	cps
Holmium	165-1	3629013	3585197	3578681	3597630	0.76	cps
Holmium	165-2	1744009	1746198	1713211	1734473	1.06	cps
Indium	115-1	3640692	3642103	3651901	3644899	0.17	cps
Indium	115-2	583304	583528	577575	581469	0.58	cps
Iron	54-2	383	411	406	400	3.68	cps
Iron	56-2	2934	2995	2873	2934	2.08	cps
Iron	57-2	194	122	122	146	28.50	cps
Krypton	83-1	390	417	343	383	9.68	cps
Lead	206-1	289	300	239	276	11.80	cps
Lead	207-1	244	311	233	263	16.00	cps
Lead	208-1	1272	1156	1117	1182	6.85	cps

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 09:20:45	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	983307	1004480	1008781	998856	1.37	cps
Magnesium	24-2	608	692	742	681	9.90	cps
Manganese	55-2	203	200	213	206	3.38	cps
Molybdenum	94-1	167	133	108	136	21.50	cps
Molybdenum	95-1	25	42	0	22	94.38	cps
Molybdenum	96-1	42	100	67	69	42.14	cps
Molybdenum	97-1	0	17	8	8	100.02	cps
Molybdenum	98-1	42	8	8	19	99.00	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	527	590	630	582	8.90	cps
Phosphorus	31-2	100	150	142	131	20.52	cps
Potassium	39-2	30449	30099	30441	30330	0.66	cps
Rhodium	103-1	3578088	3648128	3625255	3617157	0.99	cps
Rhodium	103-2	1703871	1655627	1654275	1671258	1.69	cps
Scandium	45-1	2489088	2376985	2450192	2438755	2.33	cps
Scandium	45-2	100770	100042	100599	100470	0.38	cps
Selenium	82-1	-47	-9	41	-5	-852.56	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	47	33	42	41	17.45	cps
Silicon	28-1	1047111	1018127	1011858	1025699	1.83	cps
Silver	109-1	17	25	0	14	91.65	cps
Silver	107-1	50	67	58	58	14.29	cps
Sodium	23-2	51124	50881	51073	51026	0.25	cps
Strontium	86-1	533	617	575	575	7.25	cps
Strontium	88-1	300	183	325	269	28.06	cps
Sulfur	34-1	622915	603985	615115	614005	1.55	cps
Terbium	159-1	3908708	3826340	3910813	3881953	1.24	cps
Terbium	159-2	1730197	1718055	1695478	1714577	1.03	cps
Thallium	203-1	0	8	8	6	86.60	cps
Thallium	205-1	8	33	17	19	65.47	cps
Tin	118-1	167	142	208	172	19.56	cps
Titanium	47-1	492	450	400	447	10.26	cps
Uranium	238-1	25	25	8	19	49.50	cps
Vanadium	51-2	13	17	10	13	25.01	cps
Yttrium	89-1	6711235	6809586	6866932	6795918	1.16	cps

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 09:20:45	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	772025	772795	761862	768894	0.79	cps
Zinc	66-2	73	110	100	94	20.07	cps
Zirconium	90-1	250	242	283	258	8.54	cps
Zirconium	91-1	50	117	42	69	59.19	cps

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 09:23:56	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	891	852	879	874	2.26	cps
Antimony	121-1	6060	5885	5735	5893	2.76	cps
Arsenic	75-2	141	129	115	128	10.14	cps
Barium	135-1	6468	6010	6268	6249	3.68	cps
Barium	137-1	10796	11205	11580	11194	3.50	cps
Beryllium	9-1	696	762	690	716	5.58	cps
Bismuth	209-1	2109292	2083350	2143895	2112179	1.44	cps
Bismuth	209-2	1192121	1196784	1194046	1194317	0.20	cps
Boron	10-1	1374	1418	1522	1438	5.29	cps
Boron	11-1	6568	7222	7626	7139	7.48	cps
Bromine	81-1	2553	2413	2513	2493	2.90	cps
Cadmium	111-1	1999	1913	1837	1917	4.22	cps
Cadmium	106-1	1733	1567	1533	1611	6.65	cps
Cadmium	108-1	63	83	129	92	37.21	cps
Calcium	43-1	4331	4231	4088	4217	2.91	cps
Calcium	44-1	92733	92089	91572	92131	0.63	cps
Chromium	52-2	2594	2797	2850	2747	4.93	cps
Cobalt	59-2	1640	1667	1600	1636	2.05	cps
Copper	63-2	3634	3641	3684	3653	0.74	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	33	25	8	22	57.29	cps
Erbium	164-2	10	10	7	9	21.63	cps
Gadolinium	160-1	17	25	8	17	50.01	cps
Gadolinium	160-2	13	7	17	12	41.65	cps
Holmium	165-1	3607664	3620120	3614495	3614093	0.17	cps
Holmium	165-2	1751967	1723634	1722486	1732696	0.96	cps
Indium	115-1	3651511	3623365	3687538	3654138	0.88	cps
Indium	115-2	578591	575689	572856	575712	0.50	cps
Iron	54-2	2422	2606	2378	2469	4.89	cps
Iron	56-2	39182	38318	38051	38517	1.53	cps
Iron	57-2	1017	1033	989	1013	2.22	cps
Krypton	83-1	407	383	333	374	10.01	cps
Lead	206-1	1811	1695	1728	1745	3.45	cps
Lead	207-1	1600	1611	1600	1604	0.40	cps
Lead	208-1	7151	7051	7179	7127	0.94	cps

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 09:23:56	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1000900	989274	985888	992020	0.79	cps
Magnesium	24-2	32662	32645	33264	32857	1.07	cps
Manganese	55-2	757	657	640	684	9.22	cps
Molybdenum	94-1	6493	5926	6001	6140	5.02	cps
Molybdenum	95-1	7594	7185	7477	7419	2.84	cps
Molybdenum	96-1	7919	8561	8153	8211	3.96	cps
Molybdenum	97-1	5026	4342	4601	4656	7.41	cps
Molybdenum	98-1	11588	12214	12364	12056	3.41	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1089	1055	849	998	13.04	cps
Phosphorus	31-2	100	142	158	133	22.54	cps
Potassium	39-2	53592	55340	53684	54205	1.81	cps
Rhodium	103-1	3540772	3545416	3616694	3567627	1.19	cps
Rhodium	103-2	1669365	1639272	1630738	1646458	1.23	cps
Scandium	45-1	2420534	2467511	2437907	2441984	0.97	cps
Scandium	45-2	98900	100642	100317	99953	0.93	cps
Selenium	82-1	190	206	311	235	28.04	cps
Selenium	77-2	10	7	3	7	50.03	cps
Selenium	78-2	96	76	68	80	18.03	cps
Silicon	28-1	1044242	1058061	1042545	1048282	0.81	cps
Silver	109-1	3159	3859	3292	3437	10.82	cps
Silver	107-1	3517	3384	3334	3412	2.78	cps
Sodium	23-2	114043	113935	113027	113669	0.49	cps
Strontium	86-1	1508	1850	1625	1661	10.46	cps
Strontium	88-1	8478	9011	8528	8672	3.40	cps
Sulfur	34-1	618346	616609	612956	615970	0.45	cps
Terbium	159-1	3854071	3807818	3909743	3857210	1.32	cps
Terbium	159-2	1743144	1709188	1705002	1719111	1.22	cps
Thallium	203-1	1925	1900	1700	1842	6.70	cps
Thallium	205-1	4301	4526	4784	4537	5.33	cps
Tin	118-1	11155	11647	10821	11208	3.71	cps
Titanium	47-1	2450	2334	2700	2495	7.51	cps
Uranium	238-1	5101	4884	5585	5190	6.91	cps
Vanadium	51-2	3937	3897	3814	3883	1.62	cps
Yttrium	89-1	6723213	6714439	6778305	6738652	0.51	cps

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 09:23:56	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	764678	759108	765544	763110	0.46	cps
Zinc	66-2	453	480	393	442	10.04	cps
Zirconium	90-1	5176	5310	5101	5196	2.03	cps
Zirconium	91-1	1100	1167	1050	1106	5.30	cps

LB Number : LB111831 Operator : Jaswal
 Lab Sample ID : S03 Instrumnet Name : P8
 Client Sample ID : S03 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-04 09:27:05 DataFile Name : 005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22005	21906	22192	22034	0.66	cps
Antimony	121-1	162393	161563	162473	162143	0.31	cps
Arsenic	75-2	6286	6234	6149	6223	1.11	cps
Barium	135-1	162999	165116	165241	164452	0.77	cps
Barium	137-1	284810	284233	278871	282638	1.16	cps
Beryllium	9-1	37115	36339	37045	36833	1.16	cps
Bismuth	209-1	2135559	2138714	2156709	2143661	0.53	cps
Bismuth	209-2	1216849	1216379	1239149	1224126	1.06	cps
Boron	10-1	3024	3190	3490	3234	7.30	cps
Boron	11-1	14386	15875	16356	15539	6.61	cps
Bromine	81-1	2383	2723	2493	2533	6.86	cps
Cadmium	111-1	37814	37958	38262	38011	0.60	cps
Cadmium	106-1	5084	5468	5385	5312	3.80	cps
Cadmium	108-1	2679	2559	2704	2648	2.95	cps
Calcium	43-1	40674	40673	40700	40682	0.04	cps
Calcium	44-1	705284	700599	705299	703728	0.39	cps
Chromium	52-2	48080	49147	48960	48729	1.17	cps
Cobalt	59-2	83664	82635	83225	83174	0.62	cps
Copper	63-2	597321	599910	601909	599713	0.38	cps
Dysprosium	156-1	8	25	67	33	90.15	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	8	17	58	28	96.44	cps
Erbium	164-2	13	7	0	7	99.98	cps
Gadolinium	160-1	25	17	25	22	21.64	cps
Gadolinium	160-2	7	3	3	4	43.40	cps
Holmium	165-1	3684621	3628471	3628681	3647258	0.89	cps
Holmium	165-2	1773401	1771084	1828542	1791009	1.82	cps
Indium	115-1	3684467	3688388	3696380	3689745	0.16	cps
Indium	115-2	587130	587774	599435	591446	1.17	cps
Iron	54-2	103500	100825	102033	102119	1.31	cps
Iron	56-2	1832010	1828461	1835084	1831851	0.18	cps
Iron	57-2	44926	44436	45578	44980	1.27	cps
Krypton	83-1	347	327	380	351	7.67	cps
Lead	206-1	406670	410743	404953	407455	0.73	cps
Lead	207-1	361606	364837	361583	362676	0.52	cps
Lead	208-1	1637125	1626872	1638720	1634239	0.39	cps

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 09:27:05	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1015969	987929	993876	999258	1.48	cps
Magnesium	24-2	335380	331213	335476	334023	0.73	cps
Manganese	55-2	228500	229280	232774	230185	0.99	cps
Molybdenum	94-1	308822	307482	311233	309179	0.61	cps
Molybdenum	95-1	380371	383209	376419	380000	0.90	cps
Molybdenum	96-1	416548	421974	421770	420097	0.73	cps
Molybdenum	97-1	235354	234972	232964	234430	0.55	cps
Molybdenum	98-1	600583	605025	601558	602389	0.39	cps
Neodymium	150-1	40	13	0	18	114.57	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	21127	20946	20347	20807	1.96	cps
Phosphorus	31-2	1742	1692	1583	1672	4.84	cps
Potassium	39-2	167246	166342	168500	167363	0.65	cps
Rhodium	103-1	3534987	3600498	3596995	3577494	1.03	cps
Rhodium	103-2	1700130	1676483	1694679	1690431	0.73	cps
Scandium	45-1	2469796	2481701	2444505	2465334	0.77	cps
Scandium	45-2	100421	100729	103613	101588	1.73	cps
Selenium	82-1	2651	2758	2682	2697	2.03	cps
Selenium	77-2	70	87	87	81	11.87	cps
Selenium	78-2	341	337	303	327	6.39	cps
Silicon	28-1	1119794	1117349	1140846	1125997	1.15	cps
Silver	109-1	175490	174066	174160	174572	0.46	cps
Silver	107-1	183697	186879	182580	184385	1.21	cps
Sodium	23-2	709273	714302	705584	709719	0.62	cps
Strontium	86-1	51102	50926	50826	50952	0.27	cps
Strontium	88-1	425876	419428	427401	424235	1.00	cps
Sulfur	34-1	636100	637809	633318	635742	0.36	cps
Terbium	159-1	3943402	3965310	3970343	3959685	0.36	cps
Terbium	159-2	1735723	1764661	1752530	1750971	0.83	cps
Thallium	203-1	96566	96710	95308	96195	0.80	cps
Thallium	205-1	227470	232023	228292	229262	1.06	cps
Tin	118-1	113914	116367	112694	114325	1.64	cps
Titanium	47-1	109761	109384	110760	109968	0.65	cps
Uranium	238-1	274041	275609	272776	274142	0.52	cps
Vanadium	51-2	39641	39645	40574	39953	1.35	cps
Yttrium	89-1	6766134	6763156	6801746	6777012	0.32	cps

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 09:27:05	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	770541	773766	790353	778220	1.37	cps
Zinc	66-2	85606	84117	84855	84860	0.88	cps
Zirconium	90-1	264437	264107	258733	262426	1.22	cps
Zirconium	91-1	58205	57184	57084	57491	1.08	cps

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 09:30:15	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	54527	54897	53745	54390	1.08	cps
Antimony	121-1	413530	409101	416728	413119	0.93	cps
Arsenic	75-2	15824	15747	15860	15811	0.37	cps
Barium	135-1	411962	413688	419503	415051	0.95	cps
Barium	137-1	708995	714730	708244	710656	0.50	cps
Beryllium	9-1	94254	93310	92841	93468	0.77	cps
Bismuth	209-1	2099095	2112230	2110179	2107168	0.34	cps
Bismuth	209-2	1208827	1205914	1209157	1207966	0.15	cps
Boron	10-1	7364	8017	8371	7917	6.45	cps
Boron	11-1	35333	39447	40852	38544	7.44	cps
Bromine	81-1	2423	2693	2433	2516	6.09	cps
Cadmium	111-1	93554	95131	95582	94756	1.12	cps
Cadmium	106-1	10955	10955	11347	11085	2.04	cps
Cadmium	108-1	6985	6435	6918	6780	4.43	cps
Calcium	43-1	101422	101655	102129	101736	0.35	cps
Calcium	44-1	1734418	1728972	1736790	1733393	0.23	cps
Chromium	52-2	120018	121174	118650	119948	1.05	cps
Cobalt	59-2	208095	207445	204434	206658	0.95	cps
Copper	63-2	1508233	1477523	1492934	1492897	1.03	cps
Dysprosium	156-1	17	25	0	14	91.65	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	25	33	17	25	33.32	cps
Erbium	164-2	27	10	13	17	52.93	cps
Gadolinium	160-1	92	33	58	61	47.90	cps
Gadolinium	160-2	20	10	10	13	43.30	cps
Holmium	165-1	3638062	3723475	3652930	3671489	1.24	cps
Holmium	165-2	1782310	1777546	1767516	1775791	0.43	cps
Indium	115-1	3668541	3687747	3647084	3667791	0.55	cps
Indium	115-2	584605	585159	582135	583966	0.28	cps
Iron	54-2	255102	251856	249081	252013	1.20	cps
Iron	56-2	4472367	4471531	4469655	4471184	0.03	cps
Iron	57-2	111879	112042	111420	111780	0.29	cps
Krypton	83-1	370	403	277	350	18.76	cps
Lead	206-1	1015282	1009371	1021957	1015537	0.62	cps
Lead	207-1	915660	904280	916518	912152	0.75	cps
Lead	208-1	4159342	4105315	4148083	4137580	0.69	cps

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 09:30:15	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1025695	1013354	1007182	1015410	0.93	cps
Magnesium	24-2	851443	853662	840795	848633	0.81	cps
Manganese	55-2	578739	577152	575465	577119	0.28	cps
Molybdenum	94-1	780763	779558	801414	787245	1.56	cps
Molybdenum	95-1	945022	967449	984683	965718	2.06	cps
Molybdenum	96-1	1046717	1060713	1064409	1057280	0.88	cps
Molybdenum	97-1	597123	591654	592266	593681	0.50	cps
Molybdenum	98-1	1535945	1506640	1524114	1522233	0.97	cps
Neodymium	150-1	47	20	20	29	53.30	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	49906	51140	50767	50605	1.25	cps
Phosphorus	31-2	4067	4034	4184	4095	1.92	cps
Potassium	39-2	375051	375110	369734	373298	0.83	cps
Rhodium	103-1	3562223	3591607	3566850	3573560	0.44	cps
Rhodium	103-2	1649041	1694810	1640972	1661608	1.75	cps
Scandium	45-1	2494340	2441131	2510448	2481973	1.46	cps
Scandium	45-2	101263	101055	100015	100778	0.66	cps
Selenium	82-1	6580	6579	6665	6608	0.75	cps
Selenium	77-2	223	240	217	227	5.30	cps
Selenium	78-2	808	725	818	784	6.52	cps
Silicon	28-1	1263066	1278881	1293907	1278618	1.21	cps
Silver	109-1	445615	442742	446409	444922	0.43	cps
Silver	107-1	463745	468432	472861	468346	0.97	cps
Sodium	23-2	1721189	1712497	1681192	1704959	1.23	cps
Strontium	86-1	124980	124039	124627	124549	0.38	cps
Strontium	88-1	1069677	1074701	1062459	1068946	0.58	cps
Sulfur	34-1	646275	651392	650341	649336	0.42	cps
Terbium	159-1	3920705	3944560	3968782	3944682	0.61	cps
Terbium	159-2	1752865	1705400	1729227	1729164	1.37	cps
Thallium	203-1	240431	241752	241278	241154	0.28	cps
Thallium	205-1	577912	574562	576225	576233	0.29	cps
Tin	118-1	289504	287254	287781	288180	0.41	cps
Titanium	47-1	274522	274607	274539	274556	0.02	cps
Uranium	238-1	689815	683462	686328	686535	0.46	cps
Vanadium	51-2	99633	98758	99080	99157	0.45	cps
Yttrium	89-1	6630529	6879570	6844425	6784841	1.99	cps

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 09:30:15	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	769767	774256	770457	771493	0.31	cps
Zinc	66-2	212078	210875	212340	211765	0.37	cps
Zirconium	90-1	653232	665927	651800	656986	1.18	cps
Zirconium	91-1	146557	143879	147291	145909	1.23	cps

LB Number : LB111831 Operator : Jaswal
 Lab Sample ID : S05 Instrumnet Name : P8
 Client Sample ID : S05 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-04 09:33:18 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108618	109076	107248	108314	0.88	cps
Antimony	121-1	821788	825352	815426	820855	0.61	cps
Arsenic	75-2	31552	31660	31273	31495	0.64	cps
Barium	135-1	821580	832307	822300	825396	0.73	cps
Barium	137-1	1417685	1410712	1416700	1415032	0.27	cps
Beryllium	9-1	183470	183733	184402	183868	0.26	cps
Bismuth	209-1	2149919	2093029	2134014	2125654	1.38	cps
Bismuth	209-2	1208222	1198065	1264051	1223446	2.90	cps
Boron	10-1	14090	15539	16526	15385	7.96	cps
Boron	11-1	70899	76843	80836	76193	6.56	cps
Bromine	81-1	2673	2222	2513	2469	9.25	cps
Cadmium	111-1	187083	185214	187412	186570	0.64	cps
Cadmium	106-1	20641	20499	20532	20557	0.36	cps
Cadmium	108-1	13123	13619	13448	13397	1.88	cps
Calcium	43-1	202924	203263	201925	202704	0.34	cps
Calcium	44-1	3374404	3392256	3336244	3367635	0.85	cps
Chromium	52-2	236754	241005	235613	237790	1.19	cps
Cobalt	59-2	409441	411476	407037	409318	0.54	cps
Copper	63-2	2959054	2966903	2925587	2950515	0.74	cps
Dysprosium	156-1	25	42	50	39	32.73	cps
Dysprosium	156-2	20	7	3	10	88.20	cps
Erbium	164-1	25	58	58	47	40.76	cps
Erbium	164-2	0	13	17	10	88.20	cps
Gadolinium	160-1	75	25	83	61	51.63	cps
Gadolinium	160-2	10	10	10	10	0.00	cps
Holmium	165-1	3707804	3724558	3670994	3701119	0.74	cps
Holmium	165-2	1725822	1780221	1820019	1775354	2.66	cps
Indium	115-1	3669333	3639742	3650455	3653177	0.41	cps
Indium	115-2	582380	582980	605849	590403	2.27	cps
Iron	54-2	502741	508453	498326	503173	1.01	cps
Iron	56-2	8935321	9065936	8721078	8907445	1.95	cps
Iron	57-2	225229	226624	219841	223898	1.60	cps
Krypton	83-1	373	397	387	386	3.04	cps
Lead	206-1	2049232	2049032	2078417	2058894	0.82	cps
Lead	207-1	1870588	1851515	1872710	1864938	0.63	cps
Lead	208-1	8353439	8313690	8386203	8351111	0.43	cps

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 09:33:18	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1016729	989424	1004154	1003436	1.36	cps
Magnesium	24-2	1647575	1680553	1636328	1654819	1.39	cps
Manganese	55-2	1137017	1146975	1126272	1136755	0.91	cps
Molybdenum	94-1	1549153	1577067	1561969	1562730	0.89	cps
Molybdenum	95-1	1896907	1899960	1936793	1911220	1.16	cps
Molybdenum	96-1	2151614	2120424	2119273	2130437	0.86	cps
Molybdenum	97-1	1184026	1176975	1188787	1183263	0.50	cps
Molybdenum	98-1	3080423	3024870	2990389	3031894	1.50	cps
Neodymium	150-1	47	67	40	51	27.15	cps
Neodymium	150-2	10	3	0	4	114.60	cps
Nickel	60-2	101474	100653	99837	100655	0.81	cps
Phosphorus	31-2	8203	7977	7485	7888	4.65	cps
Potassium	39-2	714464	710245	706146	710285	0.59	cps
Rhodium	103-1	3603870	3471641	3514808	3530106	1.91	cps
Rhodium	103-2	1649310	1680329	1720766	1683468	2.13	cps
Scandium	45-1	2455471	2458817	2437213	2450500	0.47	cps
Scandium	45-2	101563	102241	104987	102930	1.76	cps
Selenium	82-1	13036	13175	13068	13093	0.56	cps
Selenium	77-2	453	460	453	456	0.85	cps
Selenium	78-2	1465	1450	1438	1451	0.93	cps
Silicon	28-1	1503165	1533423	1556073	1530887	1.73	cps
Silver	109-1	887460	889334	885537	887444	0.21	cps
Silver	107-1	932875	926544	935436	931619	0.49	cps
Sodium	23-2	3298794	3307195	3238432	3281474	1.14	cps
Strontium	86-1	250718	248607	247541	248956	0.65	cps
Strontium	88-1	2132246	2067089	2119471	2106269	1.64	cps
Sulfur	34-1	671283	662908	667103	667098	0.63	cps
Terbium	159-1	3889098	3950260	4022683	3954014	1.69	cps
Terbium	159-2	1736256	1743755	1809073	1763028	2.27	cps
Thallium	203-1	479556	485095	480671	481774	0.61	cps
Thallium	205-1	1142128	1165674	1170177	1159326	1.30	cps
Tin	118-1	575951	576933	576185	576357	0.09	cps
Titanium	47-1	550455	552407	552581	551814	0.21	cps
Uranium	238-1	1383834	1366135	1378936	1376302	0.66	cps
Vanadium	51-2	195444	198575	196428	196816	0.81	cps
Yttrium	89-1	6880263	6702396	6839805	6807488	1.37	cps

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 09:33:18	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	767300	772506	803441	781082	2.50	cps
Zinc	66-2	418781	421408	413656	417948	0.94	cps
Zirconium	90-1	1308948	1292064	1316490	1305834	0.96	cps
Zirconium	91-1	290263	290601	286555	289139	0.78	cps

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 09:36:18	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	215920	217813	216229	216654	0.47	cps
Antimony	121-1	1586853	1634283	1623638	1614925	1.54	cps
Arsenic	75-2	63497	63323	63029	63283	0.37	cps
Barium	135-1	1611180	1633414	1664868	1636487	1.65	cps
Barium	137-1	2803312	2807229	2851023	2820522	0.94	cps
Beryllium	9-1	364488	367249	364884	365540	0.41	cps
Bismuth	209-1	2143092	2099859	2154930	2132627	1.36	cps
Bismuth	209-2	1202640	1199469	1205270	1202460	0.24	cps
Boron	10-1	28822	30706	33114	30881	6.97	cps
Boron	11-1	142386	152259	160868	151838	6.09	cps
Bromine	81-1	2543	2283	2373	2399	5.51	cps
Cadmium	111-1	366394	370348	371320	369354	0.71	cps
Cadmium	106-1	40711	40000	39474	40062	1.55	cps
Cadmium	108-1	26789	26856	27498	27047	1.45	cps
Calcium	43-1	402712	403202	408899	404938	0.85	cps
Calcium	44-1	6673285	6731313	6762379	6722326	0.67	cps
Chromium	52-2	480957	479167	477334	479153	0.38	cps
Cobalt	59-2	822601	827889	817363	822618	0.64	cps
Copper	63-2	5829936	5866923	5824058	5840306	0.40	cps
Dysprosium	156-1	42	42	50	44	10.82	cps
Dysprosium	156-2	13	13	17	14	13.35	cps
Erbium	164-1	50	42	33	42	20.00	cps
Erbium	164-2	7	10	7	8	24.71	cps
Gadolinium	160-1	92	33	42	56	56.79	cps
Gadolinium	160-2	20	30	13	21	39.75	cps
Holmium	165-1	3626515	3711543	3706092	3681383	1.29	cps
Holmium	165-2	1797442	1734698	1767035	1766392	1.78	cps
Indium	115-1	3605638	3714007	3684330	3667991	1.53	cps
Indium	115-2	586121	579905	580397	582141	0.59	cps
Iron	54-2	1017060	1007217	1010635	1011637	0.49	cps
Iron	56-2	18066375	18123041	18036386	18075267	0.24	cps
Iron	57-2	454148	451932	446290	450790	0.90	cps
Krypton	83-1	353	350	317	340	5.96	cps
Lead	206-1	4098232	4146408	4157144	4133928	0.76	cps
Lead	207-1	3646430	3801547	3754599	3734192	2.13	cps
Lead	208-1	16399311	16704871	16651385	16585189	0.98	cps

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 09:36:18	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	969424	1002004	995727	989052	1.75	cps
Magnesium	24-2	3254478	3245984	3207266	3235909	0.78	cps
Manganese	55-2	2333462	2318709	2303770	2318647	0.64	cps
Molybdenum	94-1	3067620	3117729	3120893	3102081	0.96	cps
Molybdenum	95-1	3816544	3805871	3838516	3820310	0.44	cps
Molybdenum	96-1	4175196	4225271	4228755	4209741	0.71	cps
Molybdenum	97-1	2357965	2384564	2378945	2373824	0.59	cps
Molybdenum	98-1	5952459	5896459	5935250	5928056	0.48	cps
Neodymium	150-1	73	73	53	67	17.33	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	201858	197502	199766	199709	1.09	cps
Phosphorus	31-2	15834	15041	15125	15333	2.84	cps
Potassium	39-2	1372829	1352280	1381643	1368918	1.10	cps
Rhodium	103-1	3536739	3556026	3526575	3539780	0.42	cps
Rhodium	103-2	1667880	1636022	1649249	1651050	0.97	cps
Scandium	45-1	2430207	2426370	2516352	2457643	2.07	cps
Scandium	45-2	101454	101136	102069	101553	0.47	cps
Selenium	82-1	25871	26375	26797	26348	1.76	cps
Selenium	77-2	947	950	847	914	6.42	cps
Selenium	78-2	2899	2814	2930	2881	2.09	cps
Silicon	28-1	1945429	2014536	2020179	1993381	2.09	cps
Silver	109-1	1712033	1732645	1748130	1730936	1.05	cps
Silver	107-1	1836601	1854423	1873716	1854913	1.00	cps
Sodium	23-2	6514508	6532835	6440387	6495910	0.75	cps
Strontium	86-1	495402	499605	499755	498254	0.50	cps
Strontium	88-1	4135479	4282251	4178355	4198695	1.80	cps
Sulfur	34-1	740750	736614	732300	736555	0.57	cps
Terbium	159-1	3945524	3984183	3991058	3973588	0.62	cps
Terbium	159-2	1762943	1746855	1762640	1757479	0.52	cps
Thallium	203-1	956879	964966	958135	959993	0.45	cps
Thallium	205-1	2255111	2327530	2294214	2292285	1.58	cps
Tin	118-1	1126407	1157832	1144958	1143066	1.38	cps
Titanium	47-1	1101329	1104653	1097734	1101239	0.31	cps
Uranium	238-1	2745190	2813869	2775872	2778311	1.24	cps
Vanadium	51-2	398426	395631	396776	396944	0.35	cps
Yttrium	89-1	6698822	6815591	6865354	6793256	1.26	cps

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 09:36:18	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	785015	778050	777267	780111	0.55	cps
Zinc	66-2	844401	840646	835598	840215	0.53	cps
Zirconium	90-1	2542863	2589893	2599426	2577394	1.17	cps
Zirconium	91-1	580308	580859	581944	581037	0.14	cps

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 09:39:17	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	427978	429965	430329	429424	0.29	cps
Antimony	121-1	3185897	3275853	3224410	3228720	1.40	cps
Arsenic	75-2	127053	126449	126595	126699	0.25	cps
Barium	135-1	3215416	3277890	3291984	3261763	1.25	cps
Barium	137-1	5538189	5677061	5615114	5610121	1.24	cps
Beryllium	9-1	708124	710527	708410	709020	0.19	cps
Bismuth	209-1	2148599	2055591	2120719	2108303	2.26	cps
Bismuth	209-2	1180049	1212364	1170692	1187702	1.84	cps
Boron	10-1	57157	62517	66749	62141	7.74	cps
Boron	11-1	282404	303239	321062	302235	6.40	cps
Bromine	81-1	2613	2523	2553	2563	1.79	cps
Cadmium	111-1	729509	739482	738632	735874	0.75	cps
Cadmium	106-1	76453	78373	75867	76898	1.70	cps
Cadmium	108-1	53411	53110	54448	53657	1.31	cps
Calcium	43-1	800688	809625	807314	805876	0.58	cps
Calcium	44-1	12954147	13491881	13385841	13277289	2.15	cps
Chromium	52-2	960893	958899	958969	959587	0.12	cps
Cobalt	59-2	1627653	1654596	1613383	1631877	1.28	cps
Copper	63-2	11717475	11611751	11680437	11669888	0.46	cps
Dysprosium	156-1	117	42	92	83	45.82	cps
Dysprosium	156-2	20	13	23	19	26.96	cps
Erbium	164-1	17	42	17	25	57.73	cps
Erbium	164-2	7	33	23	21	63.80	cps
Gadolinium	160-1	75	58	83	72	17.63	cps
Gadolinium	160-2	33	23	30	29	17.63	cps
Holmium	165-1	3655428	3658712	3676672	3663604	0.31	cps
Holmium	165-2	1760802	1787153	1772459	1773471	0.74	cps
Indium	115-1	3575728	3623520	3702294	3633847	1.76	cps
Indium	115-2	573357	573449	567919	571575	0.55	cps
Iron	54-2	2051428	2027048	1996052	2024843	1.37	cps
Iron	56-2	36184922	36270711	35711625	36055752	0.84	cps
Iron	57-2	892723	914146	893697	900189	1.34	cps
Krypton	83-1	357	387	377	373	4.09	cps
Lead	206-1	8108415	8143886	8129771	8127357	0.22	cps
Lead	207-1	7331266	7322803	7426478	7360182	0.78	cps
Lead	208-1	32791194	32756906	33093645	32880582	0.56	cps

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 09:39:17	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	962971	973654	950547	962391	1.20	cps
Magnesium	24-2	6532358	6465185	6492816	6496786	0.52	cps
Manganese	55-2	4596957	4604589	4501947	4567831	1.25	cps
Molybdenum	94-1	6064869	6091428	6115524	6090607	0.42	cps
Molybdenum	95-1	7450844	7540208	7606595	7532549	1.04	cps
Molybdenum	96-1	8313294	8352884	8375745	8347308	0.38	cps
Molybdenum	97-1	4702749	4674796	4715674	4697740	0.44	cps
Molybdenum	98-1	11904950	12095474	12094117	12031514	0.91	cps
Neodymium	150-1	140	187	133	153	18.95	cps
Neodymium	150-2	7	7	7	7	0.00	cps
Nickel	60-2	397074	399476	393303	396618	0.78	cps
Phosphorus	31-2	30591	31092	31627	31104	1.67	cps
Potassium	39-2	2713334	2688163	2686489	2695996	0.56	cps
Rhodium	103-1	3500877	3509388	3539598	3516621	0.58	cps
Rhodium	103-2	1635693	1650440	1629001	1638378	0.67	cps
Scandium	45-1	2389841	2485020	2459919	2444927	2.02	cps
Scandium	45-2	101542	101059	100962	101188	0.31	cps
Selenium	82-1	50976	52194	52026	51732	1.28	cps
Selenium	77-2	1680	1683	1727	1697	1.53	cps
Selenium	78-2	5696	5779	5674	5716	0.97	cps
Silicon	28-1	2872027	2899492	2941445	2904321	1.20	cps
Silver	109-1	3413050	3427983	3452172	3431068	0.58	cps
Silver	107-1	3639661	3628950	3712071	3660227	1.24	cps
Sodium	23-2	12999750	12973128	13066718	13013198	0.37	cps
Strontium	86-1	987796	998115	1000793	995568	0.69	cps
Strontium	88-1	8236833	8347189	8372177	8318733	0.87	cps
Sulfur	34-1	863347	855523	852278	857049	0.66	cps
Terbium	159-1	3960609	4026945	3960591	3982715	0.96	cps
Terbium	159-2	1719896	1735853	1706003	1720584	0.87	cps
Thallium	203-1	1861029	1928935	1897692	1895885	1.79	cps
Thallium	205-1	4499695	4527064	4569257	4532005	0.77	cps
Tin	118-1	2211910	2265897	2276927	2251578	1.55	cps
Titanium	47-1	2140600	2166365	2146212	2151059	0.63	cps
Uranium	238-1	5455313	5469982	5471437	5465577	0.16	cps
Vanadium	51-2	795732	802971	798189	798964	0.46	cps
Yttrium	89-1	6757971	6800941	6795386	6784766	0.34	cps

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 09:39:17	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	776132	778803	768625	774520	0.68	cps
Zinc	66-2	1657755	1649478	1694441	1667225	1.44	cps
Zirconium	90-1	5022233	5104730	5160162	5095708	1.36	cps
Zirconium	91-1	1145389	1154456	1178627	1159491	1.48	cps

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 09:42:17	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2073748	2062619	2024036	2053468	1.27	cps
Antimony	121-1	2934	3476	3184	3198	8.48	cps
Arsenic	75-2	75	93	86	85	10.72	cps
Barium	135-1	6335	6485	6577	6466	1.89	cps
Barium	137-1	10930	10805	11213	10983	1.91	cps
Beryllium	9-1	488	500	478	489	2.25	cps
Bismuth	209-1	2034307	2010428	1993221	2012652	1.03	cps
Bismuth	209-2	1014196	1144528	1144097	1100940	6.82	cps
Boron	10-1	8723	7871	7256	7950	9.26	cps
Boron	11-1	42200	38149	34760	38370	9.71	cps
Bromine	81-1	2473	2633	2973	2693	9.49	cps
Cadmium	111-1	1444	1763	1508	1572	10.74	cps
Cadmium	106-1	1492	1959	1575	1675	14.86	cps
Cadmium	108-1	83	71	58	71	17.65	cps
Calcium	43-1	3943990	4035837	4047843	4009223	1.42	cps
Calcium	44-1	65512056	67849754	67816208	67059339	2.00	cps
Chromium	52-2	4337	4764	4671	4591	4.89	cps
Cobalt	59-2	3107	3247	3177	3177	2.20	cps
Copper	63-2	9190	10004	9340	9511	4.55	cps
Dysprosium	156-1	158	175	242	192	23.01	cps
Dysprosium	156-2	97	63	83	81	20.69	cps
Erbium	164-1	42	33	67	47	36.74	cps
Erbium	164-2	13	17	17	16	12.40	cps
Gadolinium	160-1	267	275	242	261	6.64	cps
Gadolinium	160-2	107	113	170	130	26.77	cps
Holmium	165-1	3663412	3712643	3718548	3698201	0.82	cps
Holmium	165-2	1561028	1772570	1813833	1715810	7.90	cps
Indium	115-1	3564777	3598231	3590190	3584399	0.49	cps
Indium	115-2	505832	578326	578707	554288	7.57	cps
Iron	54-2	9423656	9372268	9204592	9333506	1.23	cps
Iron	56-2	170118020	169848215	170595287	170187174	0.22	cps
Iron	57-2	4193606	4266388	4210151	4223382	0.90	cps
Krypton	83-1	387	307	353	349	11.52	cps
Lead	206-1	10727	10154	10165	10349	3.16	cps
Lead	207-1	9520	9281	10304	9702	5.52	cps
Lead	208-1	42845	42412	43518	42925	1.30	cps

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 09:42:17	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	977652	975968	1011979	988533	2.06	cps
Magnesium	24-2	31119125	30884774	30830347	30944748	0.50	cps
Manganese	55-2	5071	5178	5264	5171	1.87	cps
Molybdenum	94-1	2584	2884	2609	2692	6.18	cps
Molybdenum	95-1	3359	2925	3017	3100	7.37	cps
Molybdenum	96-1	3959	3867	3709	3845	3.29	cps
Molybdenum	97-1	1900	1850	1817	1856	2.26	cps
Molybdenum	98-1	5126	4793	4909	4943	3.42	cps
Neodymium	150-1	13	0	13	9	86.60	cps
Neodymium	150-2	13	7	3	8	65.47	cps
Nickel	60-2	2013	1827	1993	1944	5.26	cps
Phosphorus	31-2	200	217	167	194	13.10	cps
Potassium	39-2	12694314	12899212	12821056	12804861	0.81	cps
Rhodium	103-1	3432920	3459032	3393520	3428491	0.96	cps
Rhodium	103-2	1390806	1600460	1619043	1536769	8.25	cps
Scandium	45-1	2442247	2449281	2465770	2452432	0.49	cps
Scandium	45-2	87441	100981	100753	96392	8.04	cps
Selenium	82-1	-3	88	29	38	120.51	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	56	40	48	48	16.67	cps
Silicon	28-1	1247041	1301009	1305843	1284631	2.54	cps
Silver	109-1	2209	2484	2367	2353	5.87	cps
Silver	107-1	2800	2434	2375	2536	9.09	cps
Sodium	23-2	62013553	61861685	62167803	62014347	0.25	cps
Strontium	86-1	6310	6352	6443	6368	1.07	cps
Strontium	88-1	48159	47088	47891	47713	1.17	cps
Sulfur	34-1	563632	559131	561664	561476	0.40	cps
Terbium	159-1	3986270	3897921	3845967	3910053	1.81	cps
Terbium	159-2	1527748	1710683	1767576	1668669	7.51	cps
Thallium	203-1	1767	1550	1583	1633	7.14	cps
Thallium	205-1	4167	3892	3567	3876	7.75	cps
Tin	118-1	1275	1358	1333	1322	3.23	cps
Titanium	47-1	1133	1125	933	1064	10.64	cps
Uranium	238-1	1392	1408	1333	1378	2.86	cps
Vanadium	51-2	300	297	330	309	5.94	cps
Yttrium	89-1	6801891	6794919	6760886	6785899	0.32	cps

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 09:42:17	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	687941	779321	789624	752295	7.44	cps
Zinc	66-2	4878	5188	4748	4938	4.58	cps
Zirconium	90-1	2217	2175	2109	2167	2.52	cps
Zirconium	91-1	683	608	517	603	13.85	cps

LB Number : LB111831 Operator : Jaswal
 Lab Sample ID : ICV Instrumnet Name : P8
 Client Sample ID : ICV Dilution Factor : 1
 Date & Time Acquired :: 2020-11-04 10:30:58 DataFile Name : 011ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10864	10718	10708	10763	0.81	cps
Antimony	121-1	613512	620461	610774	614916	0.81	cps
Arsenic	75-2	24824	24930	24302	24686	1.36	cps
Barium	135-1	64295	63239	63809	63781	0.83	cps
Barium	137-1	112155	111719	109810	111228	1.12	cps
Beryllium	9-1	68050	68492	68416	68319	0.35	cps
Bismuth	209-1	2105061	2118434	2115486	2112993	0.33	cps
Bismuth	209-2	1192817	1204675	1187046	1194846	0.75	cps
Boron	10-1	41410	42326	42474	42070	1.37	cps
Boron	11-1	202131	207421	207900	205817	1.56	cps
Bromine	81-1	2533	2473	2593	2533	2.37	cps
Cadmium	111-1	74465	75030	74184	74559	0.58	cps
Cadmium	106-1	12114	12848	12881	12614	3.44	cps
Cadmium	108-1	6868	7310	6998	7059	3.22	cps
Calcium	43-1	16166	16161	16200	16175	0.13	cps
Calcium	44-1	287565	288000	288763	288109	0.21	cps
Chromium	52-2	94211	93295	92037	93181	1.17	cps
Cobalt	59-2	161976	164532	160483	162330	1.26	cps
Copper	63-2	120758	122822	119605	121062	1.35	cps
Dysprosium	156-1	33	17	8	19	65.47	cps
Dysprosium	156-2	3	3	10	6	69.34	cps
Erbium	164-1	33	17	17	22	43.28	cps
Erbium	164-2	20	3	3	9	108.30	cps
Gadolinium	160-1	25	17	25	22	21.64	cps
Gadolinium	160-2	17	7	10	11	45.82	cps
Holmium	165-1	3709376	3762399	3618164	3696646	1.97	cps
Holmium	165-2	1758561	1746980	1749191	1751577	0.35	cps
Indium	115-1	3642093	3657347	3648174	3649205	0.21	cps
Indium	115-2	579331	576710	570055	575365	0.83	cps
Iron	54-2	79660	78688	77732	78693	1.22	cps
Iron	56-2	1424330	1387815	1365392	1392512	2.14	cps
Iron	57-2	34403	33412	33757	33857	1.49	cps
Krypton	83-1	343	330	407	360	11.38	cps
Lead	206-1	322595	326326	326734	325218	0.70	cps
Lead	207-1	270758	275506	271943	272736	0.91	cps
Lead	208-1	1259373	1281970	1270583	1270642	0.89	cps

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 10:30:58	DataFile Name :	011ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	965473	995566	962375	974472	1.88	cps
Magnesium	24-2	75822	75429	75035	75429	0.52	cps
Manganese	55-2	47643	47097	46372	47037	1.36	cps
Molybdenum	94-1	2920004	2989908	2940500	2950137	1.22	cps
Molybdenum	95-1	3610979	3665281	3632433	3636231	0.75	cps
Molybdenum	96-1	3998737	4039257	4007819	4015271	0.53	cps
Molybdenum	97-1	2263749	2305100	2269093	2279314	0.99	cps
Molybdenum	98-1	5678941	5842311	5791531	5770928	1.45	cps
Neodymium	150-1	13	7	40	20	88.19	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	43749	44533	43974	44085	0.92	cps
Phosphorus	31-2	67	158	108	111	41.31	cps
Potassium	39-2	134061	131471	129620	131718	1.69	cps
Rhodium	103-1	3581559	3604167	3628131	3604619	0.65	cps
Rhodium	103-2	1714578	1697776	1660145	1690833	1.65	cps
Scandium	45-1	2433798	2471456	2486626	2463960	1.10	cps
Scandium	45-2	102646	103013	100599	102086	1.27	cps
Selenium	82-1	10125	10444	10357	10309	1.60	cps
Selenium	77-2	377	297	387	353	13.96	cps
Selenium	78-2	1183	1123	1140	1149	2.69	cps
Silicon	28-1	1779185	1844488	1913585	1845752	3.64	cps
Silver	109-1	163293	165081	160385	162919	1.45	cps
Silver	107-1	172984	175821	174234	174346	0.82	cps
Sodium	23-2	303543	300135	300726	301468	0.60	cps
Strontium	86-1	472064	484641	475205	477303	1.37	cps
Strontium	88-1	4037080	4041071	4046890	4041680	0.12	cps
Sulfur	34-1	596923	585722	596257	592967	1.06	cps
Terbium	159-1	3920740	3954908	3935702	3937117	0.44	cps
Terbium	159-2	1730348	1721217	1698777	1716781	0.95	cps
Thallium	203-1	392201	395047	387821	391690	0.93	cps
Thallium	205-1	922656	935970	939006	932544	0.93	cps
Tin	118-1	1069945	1089237	1070256	1076479	1.03	cps
Titanium	47-1	1037818	1044015	1055385	1045740	0.85	cps
Uranium	238-1	2596278	2613158	2638237	2615891	0.81	cps
Vanadium	51-2	76553	76905	76526	76661	0.28	cps
Yttrium	89-1	6780961	6849738	6816235	6815645	0.50	cps

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 10:30:58	DataFile Name :	011ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	770832	774227	761894	768984	0.83	cps
Zinc	66-2	32387	33102	31608	32366	2.31	cps
Zirconium	90-1	2485587	2448710	2431752	2455349	1.12	cps
Zirconium	91-1	547073	553175	553676	551308	0.67	cps

LB Number : LB111831 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2020-11-04 10:37:10 DataFile Name : 012CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	444	492	450	462	5.74	cps
Antimony	121-1	92	192	133	139	36.16	cps
Arsenic	75-2	4	4	9	6	50.94	cps
Barium	135-1	33	33	25	31	15.74	cps
Barium	137-1	50	33	42	42	20.00	cps
Beryllium	9-1	64	80	84	76	13.92	cps
Bismuth	209-1	2136866	2163541	2157228	2152545	0.65	cps
Bismuth	209-2	1199262	1189319	1201079	1196553	0.53	cps
Boron	10-1	486	464	520	490	5.76	cps
Boron	11-1	2210	2176	2218	2201	1.01	cps
Bromine	81-1	2523	2603	2823	2650	5.87	cps
Cadmium	111-1	1162	1044	932	1046	11.00	cps
Cadmium	106-1	1650	1483	1333	1489	10.64	cps
Cadmium	108-1	8	4	8	7	34.59	cps
Calcium	43-1	276	269	265	270	2.12	cps
Calcium	44-1	22849	23008	22670	22842	0.74	cps
Chromium	52-2	923	863	903	897	3.41	cps
Cobalt	59-2	43	63	50	52	19.50	cps
Copper	63-2	773	620	797	730	13.15	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	25	33	28	17.31	cps
Erbium	164-2	13	17	3	11	62.48	cps
Gadolinium	160-1	42	17	50	36	48.03	cps
Gadolinium	160-2	3	13	0	6	124.93	cps
Holmium	165-1	3634463	3592517	3730778	3652586	1.94	cps
Holmium	165-2	1749173	1709896	1755658	1738242	1.42	cps
Indium	115-1	3728979	3648523	3676116	3684539	1.11	cps
Indium	115-2	575038	577223	579788	577350	0.41	cps
Iron	54-2	500	372	489	454	15.60	cps
Iron	56-2	3584	3556	3328	3489	4.02	cps
Iron	57-2	111	194	122	143	31.73	cps
Krypton	83-1	353	367	323	348	6.38	cps
Lead	206-1	417	428	361	402	8.89	cps
Lead	207-1	339	283	356	326	11.60	cps
Lead	208-1	1545	1606	1645	1598	3.15	cps

LB Number : LB111831 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2020-11-04 10:37:10 DataFile Name : 012CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	991540	980171	973011	981574	0.95	cps
Magnesium	24-2	650	642	692	661	4.05	cps
Manganese	55-2	180	193	223	199	11.16	cps
Molybdenum	94-1	92	158	192	147	34.58	cps
Molybdenum	95-1	75	100	33	69	48.50	cps
Molybdenum	96-1	92	92	67	83	17.32	cps
Molybdenum	97-1	33	33	58	42	34.65	cps
Molybdenum	98-1	92	67	117	92	27.27	cps
Neodymium	150-1	20	0	0	7	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	424	464	407	432	6.84	cps
Phosphorus	31-2	83	100	58	81	26.03	cps
Potassium	39-2	29189	29130	29506	29275	0.69	cps
Rhodium	103-1	3680040	3627238	3588070	3631783	1.27	cps
Rhodium	103-2	1676199	1674681	1723115	1691332	1.63	cps
Scandium	45-1	2456341	2411201	2412480	2426674	1.06	cps
Scandium	45-2	100531	99545	99501	99859	0.58	cps
Selenium	82-1	-22	-25	0	-16	-87.55	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	43	32	45	40	17.50	cps
Silicon	28-1	968214	966912	988780	974636	1.26	cps
Silver	109-1	25	67	17	36	74.18	cps
Silver	107-1	83	83	33	67	43.31	cps
Sodium	23-2	51951	51985	50488	51474	1.66	cps
Strontium	86-1	558	417	567	514	16.40	cps
Strontium	88-1	275	225	233	244	10.96	cps
Sulfur	34-1	595697	598902	596636	597078	0.28	cps
Terbium	159-1	3946822	3896588	3975641	3939683	1.02	cps
Terbium	159-2	1748084	1686201	1735254	1723180	1.90	cps
Thallium	203-1	100	133	58	97	38.65	cps
Thallium	205-1	200	208	150	186	16.95	cps
Tin	118-1	192	225	150	189	19.90	cps
Titanium	47-1	400	367	433	400	8.33	cps
Uranium	238-1	33	25	17	25	33.32	cps
Vanadium	51-2	20	17	3	13	66.16	cps
Yttrium	89-1	6849158	6755009	6769788	6791319	0.75	cps

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 10:37:10	DataFile Name :	012CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	756844	761051	761263	759719	0.33	cps
Zinc	66-2	87	80	137	101	30.63	cps
Zirconium	90-1	258	283	200	247	17.30	cps
Zirconium	91-1	58	83	67	69	18.33	cps

LB Number : LB111831 Operator : Jaswal
 Lab Sample ID : ICSA Instrumnet Name : P8
 Client Sample ID : ICSA Dilution Factor : 1
 Date & Time Acquired :: 2020-11-04 10:40:02 DataFile Name : 013ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1997493	1950392	1943535	1963806	1.50	cps
Antimony	121-1	3392	3601	3459	3484	3.05	cps
Arsenic	75-2	41	49	53	48	12.83	cps
Barium	135-1	850	875	933	886	4.83	cps
Barium	137-1	1333	1767	1542	1547	14.01	cps
Beryllium	9-1	250	226	244	240	5.20	cps
Bismuth	209-1	2153026	2150086	2119303	2140805	0.87	cps
Bismuth	209-2	1162076	1158618	1155467	1158721	0.29	cps
Boron	10-1	522	510	500	511	2.16	cps
Boron	11-1	2654	2388	2506	2516	5.30	cps
Bromine	81-1	2873	3144	3194	3070	5.61	cps
Cadmium	111-1	1125	1331	1165	1207	9.04	cps
Cadmium	106-1	1358	1567	1250	1392	11.57	cps
Cadmium	108-1	525	600	467	531	12.60	cps
Calcium	43-1	744399	759429	755121	752983	1.03	cps
Calcium	44-1	12306860	12533348	12480067	12440092	0.95	cps
Chromium	52-2	18479	18839	19390	18903	2.43	cps
Cobalt	59-2	1923	1883	1957	1921	1.91	cps
Copper	63-2	9640	9627	9987	9751	2.09	cps
Dysprosium	156-1	17	17	33	22	43.28	cps
Dysprosium	156-2	3	0	17	7	132.33	cps
Erbium	164-1	17	33	17	22	43.28	cps
Erbium	164-2	3	20	3	9	108.30	cps
Gadolinium	160-1	33	67	75	58	37.80	cps
Gadolinium	160-2	7	7	7	7	0.00	cps
Holmium	165-1	3786962	3774366	3729782	3763703	0.80	cps
Holmium	165-2	1727258	1734049	1728174	1729827	0.21	cps
Indium	115-1	3725785	3665903	3648896	3680195	1.10	cps
Indium	115-2	576845	577896	574790	576510	0.27	cps
Iron	54-2	3760233	3765096	3740513	3755280	0.35	cps
Iron	56-2	68297915	68225196	68529060	68350724	0.23	cps
Iron	57-2	1730026	1731728	1746357	1736037	0.52	cps
Krypton	83-1	363	347	343	351	3.05	cps
Lead	206-1	6885	7575	7330	7263	4.81	cps
Lead	207-1	5412	5696	5601	5570	2.59	cps
Lead	208-1	26528	27729	27946	27401	2.79	cps

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 10:40:02	DataFile Name :	013ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	987622	992426	967579	982542	1.34	cps
Magnesium	24-2	6069605	6059059	5995487	6041384	0.66	cps
Manganese	55-2	3574	3350	3524	3483	3.37	cps
Molybdenum	94-1	1601315	1613740	1615487	1610181	0.48	cps
Molybdenum	95-1	2802388	2796456	2836681	2811842	0.77	cps
Molybdenum	96-1	2960669	2989538	2970665	2973624	0.49	cps
Molybdenum	97-1	1726255	1803909	1792158	1774107	2.36	cps
Molybdenum	98-1	4415001	4476652	4480659	4457437	0.83	cps
Neodymium	150-1	7	13	20	13	49.99	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	2605	2562	2327	2498	5.99	cps
Phosphorus	31-2	146813	144853	144010	145225	0.99	cps
Potassium	39-2	5076840	5028530	4969944	5025105	1.07	cps
Rhodium	103-1	3556934	3592814	3522559	3557436	0.99	cps
Rhodium	103-2	1657245	1634371	1637722	1643113	0.75	cps
Scandium	45-1	2479660	2416180	2457784	2451208	1.32	cps
Scandium	45-2	102076	101730	101116	101641	0.48	cps
Selenium	82-1	-9	24	-1	4	385.07	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	54	43	39	45	17.15	cps
Silicon	28-1	1107506	1047752	1051667	1068975	3.13	cps
Silver	109-1	58	100	92	83	26.45	cps
Silver	107-1	92	167	192	150	34.69	cps
Sodium	23-2	12615266	12520313	12357460	12497680	1.04	cps
Strontium	86-1	33081	34485	34050	33872	2.12	cps
Strontium	88-1	277724	280972	281291	279996	0.70	cps
Sulfur	34-1	1567516	1582814	1568500	1572943	0.54	cps
Terbium	159-1	4119416	4031769	3945314	4032166	2.16	cps
Terbium	159-2	1723810	1741683	1735247	1733580	0.52	cps
Thallium	203-1	108	250	175	178	39.87	cps
Thallium	205-1	217	392	400	336	30.80	cps
Tin	118-1	433	508	508	483	8.96	cps
Titanium	47-1	815836	833333	822201	823790	1.08	cps
Uranium	238-1	75	58	50	61	20.83	cps
Vanadium	51-2	107	113	140	120	14.70	cps
Yttrium	89-1	7052284	6975619	6865145	6964349	1.35	cps

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 10:40:02	DataFile Name :	013ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	772470	778449	762847	771255	1.02	cps
Zinc	66-2	1770	1937	1897	1868	4.66	cps
Zirconium	90-1	417	250	283	317	27.85	cps
Zirconium	91-1	67	58	75	67	12.50	cps

LB Number : LB111831 Operator : Jaswal
 Lab Sample ID : ICSAB Instrumnet Name : P8
 Client Sample ID : ICSAB Dilution Factor : 1
 Date & Time Acquired :: 2020-11-04 10:42:52 DataFile Name : 014ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1999062	1976131	1965239	1980144	0.87	cps
Antimony	121-1	66530	67291	67266	67029	0.65	cps
Arsenic	75-2	2467	2551	2519	2513	1.69	cps
Barium	135-1	13766	14008	14216	13996	1.61	cps
Barium	137-1	22653	24832	24322	23936	4.76	cps
Beryllium	9-1	13574	14006	13632	13737	1.71	cps
Bismuth	209-1	2083886	1767151	1977781	1942939	8.30	cps
Bismuth	209-2	1155628	1137079	1136474	1143060	0.95	cps
Boron	10-1	4944	5020	4988	4984	0.77	cps
Boron	11-1	23522	24720	24564	24268	2.68	cps
Bromine	81-1	3043	3003	3194	3080	3.26	cps
Cadmium	111-1	15548	15879	15355	15594	1.70	cps
Cadmium	106-1	3359	3409	3059	3275	5.78	cps
Cadmium	108-1	1563	1617	1908	1696	10.97	cps
Calcium	43-1	737981	762241	770339	756854	2.22	cps
Calcium	44-1	12187867	12448576	12668368	12434937	1.93	cps
Chromium	52-2	37823	37743	37058	37541	1.12	cps
Cobalt	59-2	33693	33910	33730	33778	0.34	cps
Copper	63-2	34776	34194	33677	34216	1.61	cps
Dysprosium	156-1	50	8	50	36	66.62	cps
Dysprosium	156-2	10	7	3	7	50.03	cps
Erbium	164-1	50	17	25	31	56.77	cps
Erbium	164-2	10	3	3	6	69.34	cps
Gadolinium	160-1	17	58	25	33	66.13	cps
Gadolinium	160-2	7	17	3	9	78.08	cps
Holmium	165-1	3788866	3145748	3528191	3487602	9.27	cps
Holmium	165-2	1781335	1702567	1712999	1732300	2.47	cps
Indium	115-1	3754932	3151176	3397251	3434453	8.84	cps
Indium	115-2	584216	569412	575397	576342	1.29	cps
Iron	54-2	3827275	3773150	3749708	3783378	1.05	cps
Iron	56-2	69355175	68560185	67782472	68565944	1.15	cps
Iron	57-2	1748041	1735751	1689590	1724461	1.79	cps
Krypton	83-1	343	360	353	352	2.38	cps
Lead	206-1	37081	39221	37850	38050	2.85	cps
Lead	207-1	31338	32552	31411	31767	2.14	cps
Lead	208-1	144218	151036	145226	146827	2.51	cps

LB Number : LB111831 Operator : Jaswal
 Lab Sample ID : ICSAB Instrumnet Name : P8
 Client Sample ID : ICSAB Dilution Factor : 1
 Date & Time Acquired :: 2020-11-04 10:42:52 DataFile Name : 014ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	938972	840987	904538	894832	5.56	cps
Magnesium	24-2	6134111	6084760	5995733	6071535	1.16	cps
Manganese	55-2	11968	12109	11688	11922	1.80	cps
Molybdenum	94-1	1743638	1791489	1772393	1769173	1.36	cps
Molybdenum	95-1	2867191	2959426	2928838	2918485	1.61	cps
Molybdenum	96-1	3010082	3157483	3142694	3103419	2.62	cps
Molybdenum	97-1	1767465	1852435	1847255	1822385	2.61	cps
Molybdenum	98-1	4476828	4708075	4689270	4624724	2.78	cps
Neodymium	150-1	33	7	27	22	62.43	cps
Neodymium	150-2	10	7	0	6	91.64	cps
Nickel	60-2	10785	10474	10863	10707	1.92	cps
Phosphorus	31-2	147065	146300	145584	146316	0.51	cps
Potassium	39-2	5094779	5089329	5000897	5061668	1.04	cps
Rhodium	103-1	3552175	2981481	3258581	3264079	8.74	cps
Rhodium	103-2	1617625	1599395	1614975	1610665	0.61	cps
Scandium	45-1	2457362	2033641	2279860	2256954	9.43	cps
Scandium	45-2	102801	100263	100206	101090	1.47	cps
Selenium	82-1	951	1014	1070	1012	5.92	cps
Selenium	77-2	43	27	50	40	30.04	cps
Selenium	78-2	168	146	146	153	8.28	cps
Silicon	28-1	1136824	1126674	1143230	1135576	0.74	cps
Silver	109-1	64108	64702	64552	64454	0.48	cps
Silver	107-1	68018	69358	68202	68526	1.06	cps
Sodium	23-2	12740802	12541517	12480526	12587615	1.08	cps
Strontium	86-1	84857	88488	85411	86252	2.27	cps
Strontium	88-1	740510	757199	755287	750998	1.22	cps
Sulfur	34-1	1486959	1543104	1563774	1531279	2.60	cps
Terbium	159-1	4047274	3398205	3708313	3717931	8.73	cps
Terbium	159-2	1745799	1671819	1723505	1713707	2.21	cps
Thallium	203-1	37555	37755	37246	37519	0.68	cps
Thallium	205-1	88904	91530	89684	90040	1.50	cps
Tin	118-1	124112	126549	123689	124783	1.24	cps
Titanium	47-1	830498	855062	855484	847014	1.69	cps
Uranium	238-1	290175	302077	302978	298410	2.39	cps
Vanadium	51-2	15448	15358	15302	15369	0.48	cps
Yttrium	89-1	6910127	5848550	6429995	6396224	8.31	cps

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 10:42:52	DataFile Name :	014ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	778321	760711	760520	766517	1.33	cps
Zinc	66-2	5251	5284	5121	5219	1.65	cps
Zirconium	90-1	275232	289568	285726	283508	2.62	cps
Zirconium	91-1	60951	63085	63419	62485	2.14	cps

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	CCV062	Instrumnet Name :	P8
Client Sample ID :	CCV062	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 10:45:40	DataFile Name :	015CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1050325	1034572	1042093	1042330	0.76	cps
Antimony	121-1	1620206	1678006	1676775	1658329	1.99	cps
Arsenic	75-2	66765	65312	66308	66128	1.12	cps
Barium	135-1	1623885	1728230	1693667	1681927	3.16	cps
Barium	137-1	2791837	2938025	2937697	2889187	2.92	cps
Beryllium	9-1	349783	360545	361370	357232	1.81	cps
Bismuth	209-1	2129222	2088382	2064577	2094060	1.56	cps
Bismuth	209-2	1165707	1145967	1152219	1154631	0.87	cps
Boron	10-1	26551	29409	32022	29327	9.33	cps
Boron	11-1	132025	147246	156550	145274	8.52	cps
Bromine	81-1	2753	2853	2943	2850	3.34	cps
Cadmium	111-1	362384	376092	377967	372148	2.29	cps
Cadmium	106-1	39131	40477	40519	40042	1.97	cps
Cadmium	108-1	26025	26467	27427	26640	2.69	cps
Calcium	43-1	1948436	2015518	1981600	1981851	1.69	cps
Calcium	44-1	32115978	32502488	32826769	32481745	1.10	cps
Chromium	52-2	505712	500663	505607	503994	0.57	cps
Cobalt	59-2	859396	839156	845599	848051	1.22	cps
Copper	63-2	6380599	6361584	6282354	6341512	0.82	cps
Dysprosium	156-1	42	142	117	100	52.04	cps
Dysprosium	156-2	50	53	70	58	18.55	cps
Erbium	164-1	33	33	25	31	15.74	cps
Erbium	164-2	10	20	27	19	44.42	cps
Gadolinium	160-1	125	50	142	106	46.26	cps
Gadolinium	160-2	83	80	80	81	2.37	cps
Holmium	165-1	3771361	3746431	3714617	3744137	0.76	cps
Holmium	165-2	1778391	1719504	1768771	1755555	1.80	cps
Indium	115-1	3713265	3663409	3633293	3669989	1.10	cps
Indium	115-2	574873	571237	570835	572315	0.39	cps
Iron	54-2	4987512	4884767	4904987	4925755	1.11	cps
Iron	56-2	90331541	88957438	87631758	88973579	1.52	cps
Iron	57-2	2283311	2236478	2203264	2241018	1.79	cps
Krypton	83-1	287	293	333	304	8.29	cps
Lead	206-1	4007229	4211363	4264058	4160883	3.26	cps
Lead	207-1	3665430	3858836	3780591	3768286	2.58	cps
Lead	208-1	16363913	17039027	16988438	16797126	2.24	cps

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	CCV062	Instrumnet Name :	P8
Client Sample ID :	CCV062	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 10:45:40	DataFile Name :	015CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	961108	943265	963375	955916	1.15	cps
Magnesium	24-2	16332998	16315298	16362608	16336968	0.15	cps
Manganese	55-2	2436243	2398394	2402735	2412457	0.86	cps
Molybdenum	94-1	3088209	3234516	3240158	3187628	2.70	cps
Molybdenum	95-1	3838751	3969109	3940278	3916046	1.75	cps
Molybdenum	96-1	4164459	4352365	4369913	4295579	2.65	cps
Molybdenum	97-1	2362577	2529532	2496963	2463024	3.59	cps
Molybdenum	98-1	6098876	6321391	6214340	6211536	1.79	cps
Neodymium	150-1	40	60	80	60	33.33	cps
Neodymium	150-2	7	10	3	7	50.03	cps
Nickel	60-2	205978	204239	202313	204177	0.90	cps
Phosphorus	31-2	16151	16810	16260	16407	2.15	cps
Potassium	39-2	6858373	6738546	6774920	6790613	0.90	cps
Rhodium	103-1	3539830	3555893	3426309	3507344	2.01	cps
Rhodium	103-2	1616108	1616243	1632882	1621744	0.59	cps
Scandium	45-1	2535072	2419160	2433254	2462495	2.57	cps
Scandium	45-2	103298	101841	102982	102707	0.75	cps
Selenium	82-1	27256	28104	28020	27793	1.68	cps
Selenium	77-2	840	903	890	878	3.80	cps
Selenium	78-2	3114	3036	3067	3072	1.28	cps
Silicon	28-1	1873471	1951461	1950809	1925247	2.33	cps
Silver	109-1	1706314	1738046	1777272	1740544	2.04	cps
Silver	107-1	1848524	1877463	1908620	1878202	1.60	cps
Sodium	23-2	33022280	32793939	32786751	32867657	0.41	cps
Strontium	86-1	507568	514080	518694	513447	1.09	cps
Strontium	88-1	4278629	4346028	4318299	4314319	0.79	cps
Sulfur	34-1	683660	691049	695107	689939	0.84	cps
Terbium	159-1	4029032	3989655	3983270	4000653	0.62	cps
Terbium	159-2	1751139	1719487	1744635	1738420	0.96	cps
Thallium	203-1	938940	976311	985668	966973	2.56	cps
Thallium	205-1	2243560	2335147	2359107	2312605	2.64	cps
Tin	118-1	1125369	1176632	1183361	1161787	2.73	cps
Titanium	47-1	1119759	1126435	1132472	1126222	0.56	cps
Uranium	238-1	2758329	2873427	2859809	2830522	2.22	cps
Vanadium	51-2	427280	421973	417639	422297	1.14	cps
Yttrium	89-1	6998496	6877059	6697164	6857573	2.21	cps

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	CCV062	Instrumnet Name :	P8
Client Sample ID :	CCV062	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 10:45:40	DataFile Name :	015CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	774835	765689	775361	771962	0.70	cps
Zinc	66-2	909877	903971	906323	906724	0.33	cps
Zirconium	90-1	2613857	2751026	2687952	2684278	2.56	cps
Zirconium	91-1	577712	609088	606985	597928	2.93	cps

LB Number : LB111831 Operator : Jaswal
 Lab Sample ID : CCB062 Instrumnet Name : P8
 Client Sample ID : CCB062 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-04 10:56:30 DataFile Name : 016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	479	517	486	494	4.16	cps
Antimony	121-1	192	192	167	183	7.87	cps
Arsenic	75-2	6	10	4	7	45.83	cps
Barium	135-1	17	83	125	75	72.86	cps
Barium	137-1	100	42	75	72	40.52	cps
Beryllium	9-1	98	94	110	101	8.27	cps
Bismuth	209-1	2074960	2074081	2095785	2081609	0.59	cps
Bismuth	209-2	1199903	1182928	1171163	1184665	1.22	cps
Boron	10-1	612	582	566	587	3.98	cps
Boron	11-1	2944	2832	2760	2845	3.26	cps
Bromine	81-1	2833	2523	2803	2720	6.29	cps
Cadmium	111-1	943	961	843	916	6.98	cps
Cadmium	106-1	1350	1375	1200	1308	7.24	cps
Cadmium	108-1	8	8	8	8	0.00	cps
Calcium	43-1	301	250	306	286	10.89	cps
Calcium	44-1	24752	24923	24527	24734	0.80	cps
Chromium	52-2	937	803	897	879	7.79	cps
Cobalt	59-2	73	90	103	89	16.91	cps
Copper	63-2	1023	1047	943	1004	5.40	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	33	8	8	17	86.62	cps
Erbium	164-2	7	10	13	10	33.30	cps
Gadolinium	160-1	42	17	58	39	53.93	cps
Gadolinium	160-2	10	3	17	10	66.70	cps
Holmium	165-1	3585145	3522706	3614932	3574261	1.32	cps
Holmium	165-2	1799513	1743623	1686826	1743321	3.23	cps
Indium	115-1	3625094	3662763	3579350	3622402	1.15	cps
Indium	115-2	581315	573176	573839	576110	0.78	cps
Iron	54-2	578	594	433	535	16.55	cps
Iron	56-2	5279	5579	6074	5644	7.11	cps
Iron	57-2	189	233	200	207	11.15	cps
Krypton	83-1	313	293	347	318	8.48	cps
Lead	206-1	472	550	494	506	7.92	cps
Lead	207-1	428	500	450	459	8.05	cps
Lead	208-1	1983	2178	2000	2054	5.25	cps

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	CCB062	Instrumnet Name :	P8
Client Sample ID :	CCB062	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 10:56:30	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	948068	951021	940495	946528	0.57	cps
Magnesium	24-2	875	742	942	853	11.94	cps
Manganese	55-2	267	217	220	234	11.92	cps
Molybdenum	94-1	208	142	150	167	21.80	cps
Molybdenum	95-1	183	133	92	136	33.72	cps
Molybdenum	96-1	167	92	92	117	37.11	cps
Molybdenum	97-1	92	67	75	78	16.37	cps
Molybdenum	98-1	133	125	192	150	24.22	cps
Neodymium	150-1	7	20	7	11	69.25	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	466	412	433	437	6.17	cps
Phosphorus	31-2	133	142	150	142	5.88	cps
Potassium	39-2	30558	30892	30215	30555	1.11	cps
Rhodium	103-1	3587773	3553100	3588748	3576540	0.57	cps
Rhodium	103-2	1680749	1633735	1623606	1646030	1.85	cps
Scandium	45-1	2345517	2355911	2363339	2354922	0.38	cps
Scandium	45-2	101556	100173	98877	100202	1.34	cps
Selenium	82-1	35	38	-33	13	305.69	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	39	38	44	40	7.97	cps
Silicon	28-1	976808	954646	953528	961661	1.37	cps
Silver	109-1	92	83	67	81	15.80	cps
Silver	107-1	92	100	58	83	26.45	cps
Sodium	23-2	55087	55054	54678	54940	0.41	cps
Strontium	86-1	517	625	450	531	16.65	cps
Strontium	88-1	317	258	300	292	10.30	cps
Sulfur	34-1	569609	572684	568924	570406	0.35	cps
Terbium	159-1	3917618	3874242	3858192	3883351	0.79	cps
Terbium	159-2	1736249	1716779	1680874	1711301	1.64	cps
Thallium	203-1	167	133	225	175	26.51	cps
Thallium	205-1	283	342	350	325	11.18	cps
Tin	118-1	217	208	167	197	13.58	cps
Titanium	47-1	458	500	567	508	10.75	cps
Uranium	238-1	58	17	50	42	52.91	cps
Vanadium	51-2	13	17	17	16	12.40	cps
Yttrium	89-1	6578544	6652923	6677104	6636190	0.77	cps

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	CCB062	Instrumnet Name :	P8
Client Sample ID :	CCB062	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 10:56:30	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	775869	760689	756655	764404	1.33	cps
Zinc	66-2	117	213	120	150	36.58	cps
Zirconium	90-1	275	267	300	281	6.18	cps
Zirconium	91-1	42	92	67	67	37.50	cps

LB Number : LB111831 Operator : Jaswal
 Lab Sample ID : PB132774BL Instrumnet Name : P8
 Client Sample ID : PBW774 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-04 10:59:20 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	435	410	434	426	3.30	cps
Antimony	121-1	50	100	108	86	36.64	cps
Arsenic	75-2	6	8	3	6	44.41	cps
Barium	135-1	58	33	42	44	28.65	cps
Barium	137-1	33	42	17	31	41.66	cps
Beryllium	9-1	110	70	80	87	24.02	cps
Bismuth	209-1	2073621	2078670	2128159	2093484	1.44	cps
Bismuth	209-2	1156715	1157915	1173631	1162753	0.81	cps
Boron	10-1	490	524	480	498	4.63	cps
Boron	11-1	2336	2332	2274	2314	1.50	cps
Bromine	81-1	2553	2693	2553	2600	3.11	cps
Cadmium	111-1	1011	1036	925	990	5.87	cps
Cadmium	106-1	1450	1492	1333	1425	5.76	cps
Cadmium	108-1	13	13	13	13	0.00	cps
Calcium	43-1	282	280	326	296	8.78	cps
Calcium	44-1	24127	23807	23700	23878	0.93	cps
Chromium	52-2	977	913	967	952	3.58	cps
Cobalt	59-2	77	47	80	68	27.08	cps
Copper	63-2	923	853	903	893	4.04	cps
Dysprosium	156-1	0	25	8	11	114.58	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	8	0	11	114.58	cps
Erbium	164-2	13	10	7	10	33.30	cps
Gadolinium	160-1	17	8	25	17	50.01	cps
Gadolinium	160-2	7	7	20	11	69.25	cps
Holmium	165-1	3603209	3640299	3697724	3647077	1.31	cps
Holmium	165-2	1722914	1707373	1707756	1712681	0.52	cps
Indium	115-1	3531429	3571763	3724748	3609313	2.83	cps
Indium	115-2	567182	568457	565095	566911	0.30	cps
Iron	54-2	489	461	461	470	3.41	cps
Iron	56-2	4173	4206	3978	4119	2.99	cps
Iron	57-2	156	150	178	161	9.12	cps
Krypton	83-1	423	377	393	398	5.94	cps
Lead	206-1	461	428	378	422	9.93	cps
Lead	207-1	433	333	350	372	14.39	cps
Lead	208-1	1761	1650	1689	1700	3.32	cps

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	PB132774BL	Instrumnet Name :	P8
Client Sample ID :	PBW774	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 10:59:20	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	920483	934227	945017	933242	1.32	cps
Magnesium	24-2	742	567	592	633	14.94	cps
Manganese	55-2	230	210	147	196	22.25	cps
Molybdenum	94-1	92	117	158	122	27.56	cps
Molybdenum	95-1	33	8	42	28	62.46	cps
Molybdenum	96-1	67	75	67	69	6.93	cps
Molybdenum	97-1	17	50	25	31	56.77	cps
Molybdenum	98-1	33	33	25	31	15.74	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	466	350	393	403	14.60	cps
Phosphorus	31-2	175	108	150	144	23.32	cps
Potassium	39-2	29873	29798	30057	29909	0.45	cps
Rhodium	103-1	3499075	3576833	3665431	3580446	2.32	cps
Rhodium	103-2	1644216	1654240	1649073	1649176	0.30	cps
Scandium	45-1	2300553	2407269	2415663	2374495	2.70	cps
Scandium	45-2	98444	98599	99468	98837	0.56	cps
Selenium	82-1	-58	-85	-38	-60	-39.55	cps
Selenium	77-2	10	7	7	8	24.71	cps
Selenium	78-2	41	48	49	46	9.49	cps
Silicon	28-1	967494	974550	982302	974782	0.76	cps
Silver	109-1	75	67	58	67	12.50	cps
Silver	107-1	117	42	42	67	64.95	cps
Sodium	23-2	54360	52980	54042	53794	1.34	cps
Strontium	86-1	633	675	575	628	8.00	cps
Strontium	88-1	175	300	225	233	26.96	cps
Sulfur	34-1	573779	572278	571528	572528	0.20	cps
Terbium	159-1	3732080	3923213	3942104	3865799	3.01	cps
Terbium	159-2	1689753	1697074	1673469	1686765	0.72	cps
Thallium	203-1	100	125	133	119	14.53	cps
Thallium	205-1	258	300	308	289	9.27	cps
Tin	118-1	150	108	217	158	34.51	cps
Titanium	47-1	492	400	442	444	10.33	cps
Uranium	238-1	8	8	8	8	0.00	cps
Vanadium	51-2	7	7	3	6	34.70	cps
Yttrium	89-1	6669522	6792231	6721184	6727646	0.92	cps

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	PB132774BL	Instrumnet Name :	P8
Client Sample ID :	PBW774	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 10:59:20	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	751766	749266	751167	750733	0.17	cps
Zinc	66-2	117	120	107	114	6.06	cps
Zirconium	90-1	242	242	167	217	19.99	cps
Zirconium	91-1	83	58	50	64	27.15	cps

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	PB132774BS	Instrumnet Name :	P8
Client Sample ID :	LCS774	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 11:02:13	DataFile Name :	018LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1295	1324	1289	1302	1.43	cps
Antimony	121-1	12014	11530	12006	11850	2.34	cps
Arsenic	75-2	277	253	263	264	4.56	cps
Barium	135-1	12206	12456	11964	12209	2.01	cps
Barium	137-1	21701	21301	20775	21259	2.19	cps
Beryllium	9-1	1366	1430	1418	1404	2.42	cps
Bismuth	209-1	2111735	2074852	2120183	2102256	1.15	cps
Bismuth	209-2	1165716	1165423	1194765	1175301	1.43	cps
Boron	10-1	2254	2682	2968	2634	13.64	cps
Boron	11-1	11947	13714	14945	13535	11.13	cps
Bromine	81-1	2773	2563	2303	2546	9.26	cps
Cadmium	111-1	2769	2908	2796	2824	2.62	cps
Cadmium	106-1	1550	1817	1667	1678	7.97	cps
Cadmium	108-1	154	121	138	138	12.12	cps
Calcium	43-1	7622	7465	7651	7579	1.32	cps
Calcium	44-1	145334	146519	147231	146361	0.65	cps
Chromium	52-2	4404	4601	4407	4471	2.52	cps
Cobalt	59-2	3124	3147	3090	3120	0.91	cps
Copper	63-2	6321	6355	6582	6419	2.20	cps
Dysprosium	156-1	25	8	17	17	50.01	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	8	25	22	57.29	cps
Erbium	164-2	17	3	3	8	99.04	cps
Gadolinium	160-1	17	17	8	14	34.67	cps
Gadolinium	160-2	3	10	3	6	69.34	cps
Holmium	165-1	3588394	3587800	3616102	3597432	0.45	cps
Holmium	165-2	1755472	1727029	1753150	1745217	0.90	cps
Indium	115-1	3589860	3532390	3558412	3560221	0.81	cps
Indium	115-2	570148	570724	580596	573822	1.02	cps
Iron	54-2	15776	16104	15698	15859	1.36	cps
Iron	56-2	278051	277932	281999	279328	0.83	cps
Iron	57-2	7096	7107	6880	7028	1.83	cps
Krypton	83-1	277	380	330	329	15.71	cps
Lead	206-1	3212	3634	3584	3476	6.64	cps
Lead	207-1	2611	2850	3062	2841	7.93	cps
Lead	208-1	12742	13342	14075	13386	4.99	cps

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	PB132774BS	Instrumnet Name :	P8
Client Sample ID :	LCS774	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 11:02:13	DataFile Name :	018LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	930441	922886	956671	936666	1.89	cps
Magnesium	24-2	62518	62116	62978	62537	0.69	cps
Manganese	55-2	1083	1060	1033	1059	2.36	cps
Molybdenum	94-1	11071	11221	12031	11441	4.51	cps
Molybdenum	95-1	13690	13957	14533	14060	3.06	cps
Molybdenum	96-1	14650	15926	16761	15779	6.74	cps
Molybdenum	97-1	8445	8995	8953	8798	3.48	cps
Molybdenum	98-1	22369	22377	22343	22363	0.08	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	1325	1181	1190	1232	6.52	cps
Phosphorus	31-2	167	117	142	142	17.65	cps
Potassium	39-2	77692	80885	79493	79357	2.02	cps
Rhodium	103-1	3516213	3545482	3550340	3537345	0.52	cps
Rhodium	103-2	1650174	1599444	1696872	1648830	2.96	cps
Scandium	45-1	2341640	2414561	2407160	2387787	1.68	cps
Scandium	45-2	100068	98502	100522	99697	1.06	cps
Selenium	82-1	565	497	450	504	11.49	cps
Selenium	77-2	27	17	17	20	28.86	cps
Selenium	78-2	105	88	105	99	9.88	cps
Silicon	28-1	981936	984857	997574	988122	0.84	cps
Silver	109-1	6477	6693	6877	6682	3.00	cps
Silver	107-1	6835	6944	7135	6971	2.18	cps
Sodium	23-2	175539	176281	176230	176016	0.24	cps
Strontium	86-1	2292	2709	2384	2461	8.90	cps
Strontium	88-1	16377	16035	15926	16113	1.46	cps
Sulfur	34-1	573260	574563	567478	571767	0.66	cps
Terbium	159-1	3826919	3815868	3863630	3835472	0.65	cps
Terbium	159-2	1680821	1678503	1734258	1697860	1.86	cps
Thallium	203-1	3217	3609	3501	3442	5.88	cps
Thallium	205-1	8486	8044	8520	8350	3.18	cps
Tin	118-1	21785	20533	21593	21303	3.17	cps
Titanium	47-1	4559	4401	4209	4390	3.99	cps
Uranium	238-1	9496	10129	9437	9687	3.96	cps
Vanadium	51-2	7796	7145	7472	7471	4.35	cps
Yttrium	89-1	6592760	6665947	6753673	6670793	1.21	cps

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	PB132774BS	Instrumnet Name :	P8
Client Sample ID :	LCS774	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 11:02:13	DataFile Name :	018LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	753839	754601	765011	757817	0.82	cps
Zinc	66-2	713	710	800	741	6.88	cps
Zirconium	90-1	9804	9679	10229	9904	2.91	cps
Zirconium	91-1	2067	2117	2350	2178	6.95	cps

LB Number : LB111831 Operator : Jaswal
 Lab Sample ID : PB132775BL Instrumnet Name : P8
 Client Sample ID : PBW775 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-04 11:05:04 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	479	505	450	478	5.76	cps
Antimony	121-1	108	33	100	81	51.03	cps
Arsenic	75-2	8	2	8	6	57.74	cps
Barium	135-1	17	25	17	19	24.73	cps
Barium	137-1	50	50	50	50	0.00	cps
Beryllium	9-1	74	72	58	68	12.82	cps
Bismuth	209-1	2218582	2071236	2051425	2113748	4.32	cps
Bismuth	209-2	1163879	1174520	1194548	1177649	1.32	cps
Boron	10-1	808	646	670	708	12.35	cps
Boron	11-1	3524	3288	3136	3316	5.90	cps
Bromine	81-1	2763	2182	2453	2466	11.78	cps
Cadmium	111-1	1096	1127	891	1038	12.37	cps
Cadmium	106-1	1558	1625	1275	1486	12.51	cps
Cadmium	108-1	4	21	8	11	78.05	cps
Calcium	43-1	285	264	265	271	4.40	cps
Calcium	44-1	25941	25814	25837	25864	0.26	cps
Chromium	52-2	907	960	910	926	3.23	cps
Cobalt	59-2	77	77	43	66	29.36	cps
Copper	63-2	880	900	760	847	8.94	cps
Dysprosium	156-1	25	0	17	14	91.65	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	42	0	25	88.19	cps
Erbium	164-2	0	17	10	9	94.38	cps
Gadolinium	160-1	42	33	17	31	41.66	cps
Gadolinium	160-2	10	10	17	12	31.50	cps
Holmium	165-1	3892081	3575466	3621867	3696472	4.63	cps
Holmium	165-2	1733714	1740175	1727249	1733713	0.37	cps
Indium	115-1	3918456	3604400	3606193	3709683	4.87	cps
Indium	115-2	573203	570499	576856	573519	0.56	cps
Iron	54-2	472	422	428	441	6.22	cps
Iron	56-2	3812	3873	3834	3839	0.81	cps
Iron	57-2	128	89	172	130	32.17	cps
Krypton	83-1	303	343	293	313	8.44	cps
Lead	206-1	411	494	428	444	9.92	cps
Lead	207-1	378	422	422	407	6.30	cps
Lead	208-1	1645	1850	1789	1761	5.99	cps

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	PB132775BL	Instrumnet Name :	P8
Client Sample ID :	PBW775	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 11:05:04	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	979179	898529	912260	929989	4.64	cps
Magnesium	24-2	817	750	675	747	9.49	cps
Manganese	55-2	183	167	170	173	5.09	cps
Molybdenum	94-1	200	117	92	136	41.68	cps
Molybdenum	95-1	33	25	8	22	57.29	cps
Molybdenum	96-1	75	50	58	61	20.83	cps
Molybdenum	97-1	8	0	0	3	173.21	cps
Molybdenum	98-1	42	25	75	47	53.91	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	423	410	400	411	2.79	cps
Phosphorus	31-2	117	117	200	144	33.31	cps
Potassium	39-2	29431	28713	28571	28905	1.60	cps
Rhodium	103-1	3903892	3538012	3469691	3637198	6.42	cps
Rhodium	103-2	1635727	1642169	1652172	1643356	0.50	cps
Scandium	45-1	2600484	2340334	2366237	2435685	5.88	cps
Scandium	45-2	98854	100052	99746	99551	0.63	cps
Selenium	82-1	37	39	62	46	29.76	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	52	30	41	41	26.84	cps
Silicon	28-1	953007	962159	959955	958374	0.50	cps
Silver	109-1	58	67	42	56	22.91	cps
Silver	107-1	50	42	75	56	31.22	cps
Sodium	23-2	53833	54017	53130	53660	0.87	cps
Strontium	86-1	533	508	567	536	5.46	cps
Strontium	88-1	192	242	175	203	17.11	cps
Sulfur	34-1	572215	572039	572194	572149	0.02	cps
Terbium	159-1	4136360	3877504	3874961	3962942	3.79	cps
Terbium	159-2	1712228	1667780	1742303	1707437	2.20	cps
Thallium	203-1	92	75	117	94	22.21	cps
Thallium	205-1	233	283	183	233	21.43	cps
Tin	118-1	117	125	133	125	6.67	cps
Titanium	47-1	450	408	467	442	6.80	cps
Uranium	238-1	0	8	17	8	100.02	cps
Vanadium	51-2	17	23	20	20	16.65	cps
Yttrium	89-1	7293292	6513744	6664708	6823915	6.06	cps

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	PB132775BL	Instrumnet Name :	P8
Client Sample ID :	PBW775	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 11:05:04	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	761864	751251	762320	758478	0.83	cps
Zinc	66-2	83	67	63	71	15.07	cps
Zirconium	90-1	250	158	175	194	25.11	cps
Zirconium	91-1	133	25	75	78	69.71	cps

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	PB132775BS	Instrumnet Name :	P8
Client Sample ID :	LCS775	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 11:07:57	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1309	1245	1307	1287	2.83	cps
Antimony	121-1	11547	11689	11747	11661	0.88	cps
Arsenic	75-2	268	258	243	256	4.91	cps
Barium	135-1	11605	12097	11855	11853	2.08	cps
Barium	137-1	20917	21626	20800	21114	2.12	cps
Beryllium	9-1	1332	1398	1438	1389	3.85	cps
Bismuth	209-1	2131609	2113687	2103901	2116399	0.66	cps
Bismuth	209-2	1179173	1174734	1184676	1179528	0.42	cps
Boron	10-1	2300	2662	3058	2673	14.18	cps
Boron	11-1	11800	13249	14676	13242	10.86	cps
Bromine	81-1	2343	2673	2172	2396	10.62	cps
Cadmium	111-1	2569	2694	2852	2705	5.25	cps
Cadmium	106-1	1475	1742	1792	1670	10.20	cps
Cadmium	108-1	121	138	146	135	9.45	cps
Calcium	43-1	7235	7386	7429	7350	1.39	cps
Calcium	44-1	143665	144051	144964	144227	0.46	cps
Chromium	52-2	4494	4394	4294	4394	2.28	cps
Cobalt	59-2	2947	3127	3060	3045	2.99	cps
Copper	63-2	6011	6025	6428	6155	3.85	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	33	8	8	17	86.62	cps
Erbium	164-2	3	3	20	9	108.30	cps
Gadolinium	160-1	58	58	17	44	54.12	cps
Gadolinium	160-2	10	7	10	9	21.63	cps
Holmium	165-1	3716924	3660372	3632018	3669771	1.18	cps
Holmium	165-2	1748451	1736383	1754715	1746517	0.53	cps
Indium	115-1	3631663	3646306	3639282	3639084	0.20	cps
Indium	115-2	573569	569318	570608	571165	0.38	cps
Iron	54-2	15253	15520	15575	15449	1.12	cps
Iron	56-2	272325	272311	271898	272178	0.09	cps
Iron	57-2	6941	6857	6896	6898	0.60	cps
Krypton	83-1	267	350	317	311	13.48	cps
Lead	206-1	3401	3106	3134	3213	5.06	cps
Lead	207-1	2584	2700	2795	2693	3.93	cps
Lead	208-1	12658	12269	12858	12595	2.38	cps

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	PB132775BS	Instrumnet Name :	P8
Client Sample ID :	LCS775	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 11:07:57	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	940559	954156	938015	944243	0.92	cps
Magnesium	24-2	61179	62074	62384	61879	1.01	cps
Manganese	55-2	1063	1010	1030	1034	2.60	cps
Molybdenum	94-1	11422	11588	11605	11538	0.88	cps
Molybdenum	95-1	13924	14216	14007	14049	1.07	cps
Molybdenum	96-1	15092	14875	15334	15100	1.52	cps
Molybdenum	97-1	8611	9103	8503	8739	3.66	cps
Molybdenum	98-1	22018	22369	22377	22254	0.92	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1273	1266	1284	1274	0.73	cps
Phosphorus	31-2	117	142	192	150	25.46	cps
Potassium	39-2	78346	78388	76922	77885	1.07	cps
Rhodium	103-1	3601622	3558554	3549712	3569963	0.78	cps
Rhodium	103-2	1654958	1668560	1661357	1661625	0.41	cps
Scandium	45-1	2400766	2414126	2385624	2400172	0.59	cps
Scandium	45-2	97746	99672	99811	99076	1.17	cps
Selenium	82-1	561	528	546	545	3.01	cps
Selenium	77-2	13	7	7	9	43.25	cps
Selenium	78-2	84	110	98	97	13.37	cps
Silicon	28-1	1003413	981765	1002105	995761	1.22	cps
Silver	109-1	6260	6585	6568	6471	2.83	cps
Silver	107-1	6327	7202	6643	6724	6.59	cps
Sodium	23-2	174400	174416	174433	174416	0.01	cps
Strontium	86-1	2259	2367	2367	2331	2.68	cps
Strontium	88-1	15576	15517	16026	15706	1.77	cps
Sulfur	34-1	569443	575901	572742	572695	0.56	cps
Terbium	159-1	3916425	3869015	3868190	3884543	0.71	cps
Terbium	159-2	1701494	1700709	1696350	1699518	0.16	cps
Thallium	203-1	3276	3867	3659	3601	8.34	cps
Thallium	205-1	8361	8236	8370	8322	0.90	cps
Tin	118-1	20499	21417	20633	20850	2.38	cps
Titanium	47-1	4359	4534	4459	4451	1.97	cps
Uranium	238-1	9529	10546	9237	9771	7.04	cps
Vanadium	51-2	7179	7649	7142	7323	3.86	cps
Yttrium	89-1	6661536	6670037	6693992	6675189	0.25	cps

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	PB132775BS	Instrumnet Name :	P8
Client Sample ID :	LCS775	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 11:07:57	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	751353	759147	754737	755079	0.52	cps
Zinc	66-2	810	760	757	776	3.85	cps
Zirconium	90-1	9654	8911	9895	9487	5.41	cps
Zirconium	91-1	2150	2259	1967	2125	6.94	cps

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	L4448-08	Instrumnet Name :	P8
Client Sample ID :	MGB050	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 11:10:47	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11114	11024	11053	11064	0.42	cps
Antimony	121-1	37444	37578	36583	37201	1.45	cps
Arsenic	75-2	628	612	623	621	1.32	cps
Barium	135-1	33	8	8	17	86.62	cps
Barium	137-1	50	42	83	58	37.80	cps
Beryllium	9-1	2122	2136	2174	2144	1.26	cps
Bismuth	209-1	2184674	2189621	2135263	2169853	1.39	cps
Bismuth	209-2	1209777	1191274	1204203	1201751	0.79	cps
Boron	10-1	666	698	662	675	2.92	cps
Boron	11-1	3420	3138	3018	3192	6.47	cps
Bromine	81-1	2323	2683	2723	2576	8.56	cps
Cadmium	111-1	3124	3244	3209	3192	1.93	cps
Cadmium	106-1	1517	1767	1725	1670	8.02	cps
Cadmium	108-1	138	133	117	129	8.53	cps
Calcium	43-1	6402	6558	6472	6477	1.21	cps
Calcium	44-1	126860	127720	128163	127581	0.52	cps
Chromium	52-2	6772	6391	6431	6532	3.20	cps
Cobalt	59-2	4894	4808	4931	4878	1.30	cps
Copper	63-2	7959	7982	7976	7972	0.15	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	7	10	3	7	50.03	cps
Erbium	164-1	25	8	25	19	49.50	cps
Erbium	164-2	3	0	3	2	86.60	cps
Gadolinium	160-1	33	58	83	58	42.86	cps
Gadolinium	160-2	13	13	13	13	0.00	cps
Holmium	165-1	3721309	3800187	3618303	3713266	2.46	cps
Holmium	165-2	1755519	1725273	1758491	1746428	1.05	cps
Indium	115-1	3721910	3750617	3728718	3733748	0.40	cps
Indium	115-2	579648	582543	578614	580268	0.35	cps
Iron	54-2	7958	8225	8769	8317	4.97	cps
Iron	56-2	144816	142975	143766	143852	0.64	cps
Iron	57-2	3595	3639	3512	3582	1.81	cps
Krypton	83-1	323	350	397	357	10.41	cps
Lead	206-1	12684	12184	12612	12493	2.17	cps
Lead	207-1	11238	11161	10944	11114	1.37	cps
Lead	208-1	50595	50222	50339	50385	0.38	cps

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	L4448-08	Instrumnet Name :	P8
Client Sample ID :	MGB050	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 11:10:47	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	947548	948801	956506	950952	0.51	cps
Magnesium	24-2	21750	21850	21575	21725	0.64	cps
Manganese	55-2	3124	3260	3437	3274	4.80	cps
Molybdenum	94-1	142	133	125	133	6.25	cps
Molybdenum	95-1	42	8	8	19	99.00	cps
Molybdenum	96-1	75	58	67	67	12.50	cps
Molybdenum	97-1	0	17	17	11	86.60	cps
Molybdenum	98-1	33	25	33	31	15.74	cps
Neodymium	150-1	20	7	0	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1725	1752	1708	1728	1.26	cps
Phosphorus	31-2	33	167	150	117	62.27	cps
Potassium	39-2	61582	61523	61372	61492	0.18	cps
Rhodium	103-1	3682520	3629222	3586798	3632846	1.32	cps
Rhodium	103-2	1691304	1738429	1674274	1701336	1.95	cps
Scandium	45-1	2455144	2463321	2438846	2452437	0.51	cps
Scandium	45-2	101481	100267	101999	101249	0.88	cps
Selenium	82-1	740	806	689	745	7.88	cps
Selenium	77-2	33	13	10	19	66.81	cps
Selenium	78-2	133	139	150	141	6.13	cps
Silicon	28-1	967919	969070	971436	969475	0.18	cps
Silver	109-1	10146	10479	9854	10160	3.08	cps
Silver	107-1	10729	11180	11847	11252	5.00	cps
Sodium	23-2	97491	97491	97793	97592	0.18	cps
Strontium	86-1	692	550	542	594	14.18	cps
Strontium	88-1	567	492	533	531	7.08	cps
Sulfur	34-1	580358	575524	582767	579549	0.64	cps
Terbium	159-1	3977237	3944840	3986428	3969502	0.55	cps
Terbium	159-2	1717670	1732559	1729827	1726685	0.46	cps
Thallium	203-1	5901	5601	5818	5774	2.68	cps
Thallium	205-1	13357	13908	13399	13555	2.26	cps
Tin	118-1	250	167	183	200	22.05	cps
Titanium	47-1	417	450	433	433	3.85	cps
Uranium	238-1	25	0	8	11	114.58	cps
Vanadium	51-2	3097	3020	3174	3097	2.48	cps
Yttrium	89-1	6933004	6904878	6781686	6873189	1.17	cps

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	L4448-08	Instrumnet Name :	P8
Client Sample ID :	MGB050	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 11:10:47	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	771544	770031	770283	770619	0.11	cps
Zinc	66-2	2700	2600	2447	2582	4.94	cps
Zirconium	90-1	242	325	225	264	20.30	cps
Zirconium	91-1	83	75	83	81	5.98	cps

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	L4448-08RE	Instrumnet Name :	P8
Client Sample ID :	MGB050	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 11:13:41	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11306	11017	11043	11122	1.44	cps
Antimony	121-1	36892	38413	38087	37797	2.12	cps
Arsenic	75-2	632	624	600	619	2.69	cps
Barium	135-1	25	50	33	36	35.25	cps
Barium	137-1	42	117	50	69	59.19	cps
Beryllium	9-1	2098	2138	2160	2132	1.47	cps
Bismuth	209-1	2141917	2181005	1773624	2032182	11.06	cps
Bismuth	209-2	1197467	1188904	1190063	1192145	0.39	cps
Boron	10-1	400	318	378	365	11.62	cps
Boron	11-1	1778	1876	1810	1821	2.74	cps
Bromine	81-1	2953	2903	2713	2857	4.44	cps
Cadmium	111-1	3018	3065	3060	3047	0.85	cps
Cadmium	106-1	1592	1692	1333	1539	12.02	cps
Cadmium	108-1	192	171	171	178	6.76	cps
Calcium	43-1	6228	6386	6592	6402	2.85	cps
Calcium	44-1	127830	129583	130733	129382	1.13	cps
Chromium	52-2	6618	6365	6525	6503	1.97	cps
Cobalt	59-2	4951	4791	5028	4923	2.45	cps
Copper	63-2	8396	7722	8046	8055	4.18	cps
Dysprosium	156-1	25	8	17	17	50.01	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	25	8	25	66.68	cps
Erbium	164-2	10	10	17	12	31.50	cps
Gadolinium	160-1	33	67	58	53	32.87	cps
Gadolinium	160-2	13	3	3	7	86.65	cps
Holmium	165-1	3680900	3654415	3031824	3455713	10.63	cps
Holmium	165-2	1738350	1720726	1750132	1736402	0.85	cps
Indium	115-1	3685237	3674531	3075346	3478372	10.04	cps
Indium	115-2	587231	580652	582044	583309	0.59	cps
Iron	54-2	8414	8464	8492	8456	0.47	cps
Iron	56-2	145445	143104	141898	143482	1.26	cps
Iron	57-2	3362	3528	3651	3513	4.13	cps
Krypton	83-1	353	403	340	366	9.13	cps
Lead	206-1	12401	12923	13263	12862	3.38	cps
Lead	207-1	11322	11027	10927	11092	1.85	cps
Lead	208-1	50495	50160	51012	50556	0.85	cps

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	L4448-08RE	Instrumnet Name :	P8
Client Sample ID :	MGB050	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 11:13:41	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	942318	924741	790024	885695	9.41	cps
Magnesium	24-2	21633	22301	22510	22148	2.07	cps
Manganese	55-2	3184	3414	3230	3276	3.71	cps
Molybdenum	94-1	67	183	83	111	56.79	cps
Molybdenum	95-1	42	50	33	42	20.00	cps
Molybdenum	96-1	67	67	58	64	7.53	cps
Molybdenum	97-1	25	17	25	22	21.64	cps
Molybdenum	98-1	25	42	25	31	31.50	cps
Neodymium	150-1	7	0	20	9	114.55	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	1627	1699	1698	1675	2.48	cps
Phosphorus	31-2	183	125	83	131	38.47	cps
Potassium	39-2	61841	61448	61448	61579	0.37	cps
Rhodium	103-1	3549778	3644409	2985580	3393256	10.50	cps
Rhodium	103-2	1683746	1671304	1708625	1687892	1.13	cps
Scandium	45-1	2512937	2403419	1992922	2303093	11.90	cps
Scandium	45-2	101408	99548	101982	100979	1.26	cps
Selenium	82-1	836	730	749	772	7.30	cps
Selenium	77-2	10	30	30	23	49.49	cps
Selenium	78-2	137	135	125	132	4.86	cps
Silicon	28-1	964511	960429	963593	962844	0.22	cps
Silver	109-1	9837	9479	11046	10121	8.12	cps
Silver	107-1	10713	11171	11180	11021	2.43	cps
Sodium	23-2	99219	97021	97877	98039	1.13	cps
Strontium	86-1	550	592	575	572	3.67	cps
Strontium	88-1	533	517	583	544	6.37	cps
Sulfur	34-1	576995	579744	576026	577588	0.33	cps
Terbium	159-1	3982622	3970150	3276162	3742978	10.80	cps
Terbium	159-2	1736204	1704645	1717992	1719614	0.92	cps
Thallium	203-1	5159	5585	5735	5493	5.43	cps
Thallium	205-1	13024	14241	13641	13635	4.47	cps
Tin	118-1	150	167	250	189	28.37	cps
Titanium	47-1	450	517	500	489	7.10	cps
Uranium	238-1	17	0	8	8	100.02	cps
Vanadium	51-2	2964	2874	3040	2959	2.82	cps
Yttrium	89-1	6796304	6830853	5644683	6423947	10.51	cps

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	L4448-08RE	Instrumnet Name :	P8
Client Sample ID :	MGB050	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 11:13:41	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	779343	771166	773784	774764	0.54	cps
Zinc	66-2	2714	2394	2517	2541	6.35	cps
Zirconium	90-1	208	292	175	225	26.71	cps
Zirconium	91-1	33	58	58	50	28.87	cps

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	CCV063	Instrumnet Name :	P8
Client Sample ID :	CCV063	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 11:16:32	DataFile Name :	023CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1038055	1038287	1037108	1037817	0.06	cps
Antimony	121-1	1646712	1683879	1678735	1669775	1.21	cps
Arsenic	75-2	65776	66117	65663	65852	0.36	cps
Barium	135-1	1690948	1732116	1703688	1708917	1.23	cps
Barium	137-1	2896112	2967929	2931502	2931848	1.22	cps
Beryllium	9-1	368591	379019	380921	376177	1.76	cps
Bismuth	209-1	2066151	2077001	2065873	2069675	0.31	cps
Bismuth	209-2	1167996	1159393	1168596	1165328	0.44	cps
Boron	10-1	26831	30582	33165	30192	10.55	cps
Boron	11-1	134216	151787	162268	149424	9.49	cps
Bromine	81-1	2893	2733	2653	2760	4.43	cps
Cadmium	111-1	365793	378491	378728	374337	1.98	cps
Cadmium	106-1	39850	40527	40426	40268	0.91	cps
Cadmium	108-1	26258	27623	27523	27135	2.80	cps
Calcium	43-1	1996473	1990710	1994044	1993743	0.15	cps
Calcium	44-1	32526582	33476484	33311249	33104772	1.53	cps
Chromium	52-2	503463	504061	500163	502562	0.42	cps
Cobalt	59-2	848220	850300	845725	848081	0.27	cps
Copper	63-2	6318685	6362746	6287929	6323120	0.59	cps
Dysprosium	156-1	108	92	108	103	9.36	cps
Dysprosium	156-2	60	87	40	62	37.63	cps
Erbium	164-1	25	25	58	36	53.29	cps
Erbium	164-2	17	10	7	11	45.82	cps
Gadolinium	160-1	75	142	183	133	40.99	cps
Gadolinium	160-2	73	70	97	80	18.17	cps
Holmium	165-1	3598789	3722462	3721029	3680760	1.93	cps
Holmium	165-2	1762385	1784979	1755789	1767717	0.87	cps
Indium	115-1	3562174	3666041	3636142	3621452	1.48	cps
Indium	115-2	566670	565922	569909	567500	0.37	cps
Iron	54-2	4984869	4915199	4910085	4936718	0.85	cps
Iron	56-2	89740844	88625544	88198160	88854849	0.90	cps
Iron	57-2	2238035	2227388	2187144	2217522	1.21	cps
Krypton	83-1	333	363	323	340	6.12	cps
Lead	206-1	4153745	4236330	4174715	4188263	1.02	cps
Lead	207-1	3730641	3821980	3763198	3771940	1.23	cps
Lead	208-1	16848459	17084861	16857208	16930176	0.79	cps

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	CCV063	Instrumnet Name :	P8
Client Sample ID :	CCV063	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 11:16:32	DataFile Name :	023CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	947252	972022	973971	964415	1.54	cps
Magnesium	24-2	16316601	16387535	16219152	16307763	0.52	cps
Manganese	55-2	2442191	2391890	2438360	2424147	1.16	cps
Molybdenum	94-1	3152595	3268696	3206866	3209386	1.81	cps
Molybdenum	95-1	3899504	3970945	3975967	3948805	1.08	cps
Molybdenum	96-1	4283008	4324017	4456960	4354661	2.09	cps
Molybdenum	97-1	2410352	2483878	2519854	2471361	2.26	cps
Molybdenum	98-1	6110673	6325142	6243393	6226403	1.74	cps
Neodymium	150-1	113	53	53	73	47.25	cps
Neodymium	150-2	7	0	20	9	114.55	cps
Nickel	60-2	204970	205700	202377	204349	0.85	cps
Phosphorus	31-2	16510	16151	16193	16285	1.20	cps
Potassium	39-2	6867640	6780521	6631511	6759891	1.77	cps
Rhodium	103-1	3389934	3482615	3483722	3452090	1.56	cps
Rhodium	103-2	1619613	1610309	1601605	1610509	0.56	cps
Scandium	45-1	2418030	2445118	2478966	2447371	1.25	cps
Scandium	45-2	99461	101653	100666	100593	1.09	cps
Selenium	82-1	27390	28101	28210	27901	1.60	cps
Selenium	77-2	1003	787	947	912	12.32	cps
Selenium	78-2	3028	3154	3065	3082	2.10	cps
Silicon	28-1	1877227	1950148	1956958	1928111	2.29	cps
Silver	109-1	1736986	1755185	1770902	1754358	0.97	cps
Silver	107-1	1871315	1891329	1909853	1890832	1.02	cps
Sodium	23-2	32553108	32910666	32152232	32538669	1.17	cps
Strontium	86-1	501285	520618	524061	515321	2.38	cps
Strontium	88-1	4185600	4405317	4440147	4343688	3.18	cps
Sulfur	34-1	733963	723297	732682	729981	0.80	cps
Terbium	159-1	3874470	3994303	4001074	3956615	1.80	cps
Terbium	159-2	1731045	1747606	1745016	1741223	0.51	cps
Thallium	203-1	968020	987735	982553	979436	1.04	cps
Thallium	205-1	2317209	2379096	2335006	2343771	1.36	cps
Tin	118-1	1171429	1176040	1179435	1175635	0.34	cps
Titanium	47-1	1111981	1133987	1132862	1126277	1.10	cps
Uranium	238-1	2822843	2899760	2928728	2883777	1.90	cps
Vanadium	51-2	424282	419985	419566	421278	0.62	cps
Yttrium	89-1	6653921	6987871	7021696	6887829	2.95	cps

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	CCV063	Instrumnet Name :	P8
Client Sample ID :	CCV063	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 11:16:32	DataFile Name :	023CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	768008	770693	761705	766802	0.60	cps
Zinc	66-2	904786	911031	901047	905621	0.56	cps
Zirconium	90-1	2603704	2757784	2709561	2690350	2.93	cps
Zirconium	91-1	594840	617296	602543	604893	1.89	cps

LB Number : LB111831 Operator : Jaswal
 Lab Sample ID : CCB063 Instrumnet Name : P8
 Client Sample ID : CCB063 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-04 11:24:08 DataFile Name : 024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	441	490	441	457	6.15	cps
Antimony	121-1	175	225	283	228	23.80	cps
Arsenic	75-2	5	6	2	4	48.04	cps
Barium	135-1	58	17	25	33	66.13	cps
Barium	137-1	50	108	92	83	36.06	cps
Beryllium	9-1	132	120	94	115	16.84	cps
Bismuth	209-1	2152240	2130036	2124467	2135581	0.69	cps
Bismuth	209-2	1175947	1177517	1181036	1178167	0.22	cps
Boron	10-1	838	734	758	777	7.01	cps
Boron	11-1	4062	3872	3554	3829	6.70	cps
Bromine	81-1	2633	2583	2793	2670	4.11	cps
Cadmium	111-1	1060	979	1120	1053	6.69	cps
Cadmium	106-1	1517	1408	1592	1506	6.12	cps
Cadmium	108-1	21	33	4	19	75.24	cps
Calcium	43-1	282	306	294	294	4.04	cps
Calcium	44-1	23099	23439	23325	23288	0.74	cps
Chromium	52-2	957	930	970	952	2.14	cps
Cobalt	59-2	73	60	83	72	16.21	cps
Copper	63-2	1143	1083	1067	1098	3.67	cps
Dysprosium	156-1	0	0	25	8	173.21	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	42	33	50	42	20.00	cps
Erbium	164-2	10	0	0	3	173.21	cps
Gadolinium	160-1	33	17	25	25	33.32	cps
Gadolinium	160-2	20	0	3	8	137.80	cps
Holmium	165-1	3695086	3638097	3592971	3642051	1.41	cps
Holmium	165-2	1720208	1708178	1711521	1713302	0.36	cps
Indium	115-1	3753666	3665042	3653172	3690627	1.49	cps
Indium	115-2	565702	571329	570940	569323	0.55	cps
Iron	54-2	667	561	556	594	10.53	cps
Iron	56-2	5418	5229	5312	5320	1.78	cps
Iron	57-2	161	239	233	211	20.56	cps
Krypton	83-1	327	327	297	317	5.47	cps
Lead	206-1	600	578	544	574	4.87	cps
Lead	207-1	433	456	528	472	10.46	cps
Lead	208-1	2239	2156	2156	2183	2.20	cps

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	CCB063	Instrumnet Name :	P8
Client Sample ID :	CCB063	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 11:24:08	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	995472	958736	948067	967425	2.57	cps
Magnesium	24-2	925	1042	858	942	9.85	cps
Manganese	55-2	220	270	257	249	10.40	cps
Molybdenum	94-1	192	225	158	192	17.39	cps
Molybdenum	95-1	58	100	100	86	27.93	cps
Molybdenum	96-1	125	133	217	158	32.02	cps
Molybdenum	97-1	75	50	42	56	31.22	cps
Molybdenum	98-1	167	100	158	142	25.64	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	392	412	446	417	6.50	cps
Phosphorus	31-2	117	150	117	128	15.06	cps
Potassium	39-2	29489	31134	32128	30917	4.31	cps
Rhodium	103-1	3578568	3573478	3605341	3585795	0.48	cps
Rhodium	103-2	1633937	1660728	1651658	1648774	0.83	cps
Scandium	45-1	2395528	2419799	2397460	2404262	0.56	cps
Scandium	45-2	98360	98186	99270	98605	0.59	cps
Selenium	82-1	18	-19	61	20	202.18	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	45	50	38	44	13.61	cps
Silicon	28-1	954582	964620	936355	951853	1.51	cps
Silver	109-1	50	50	67	56	17.32	cps
Silver	107-1	58	67	75	67	12.50	cps
Sodium	23-2	52227	53214	54033	53158	1.70	cps
Strontium	86-1	575	583	708	622	12.00	cps
Strontium	88-1	200	283	267	250	17.64	cps
Sulfur	34-1	583601	583584	587288	584824	0.36	cps
Terbium	159-1	3961100	3863718	3841512	3888776	1.64	cps
Terbium	159-2	1705986	1706943	1711938	1708289	0.19	cps
Thallium	203-1	300	167	133	200	44.10	cps
Thallium	205-1	258	317	325	300	12.11	cps
Tin	118-1	83	225	200	169	44.62	cps
Titanium	47-1	483	425	608	506	18.53	cps
Uranium	238-1	17	50	50	39	49.48	cps
Vanadium	51-2	30	17	7	18	65.83	cps
Yttrium	89-1	6733339	6784374	6714503	6744072	0.54	cps

LB Number :	LB111831	Operator :	Jaswal
Lab Sample ID :	CCB063	Instrumnet Name :	P8
Client Sample ID :	CCB063	Dilution Factor :	1
Date & Time Acquired ::	2020-11-04 11:24:08	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	754124	757698	758676	756832	0.32	cps
Zinc	66-2	147	187	137	157	16.89	cps
Zirconium	90-1	242	292	183	239	22.70	cps
Zirconium	91-1	83	67	67	72	13.33	cps