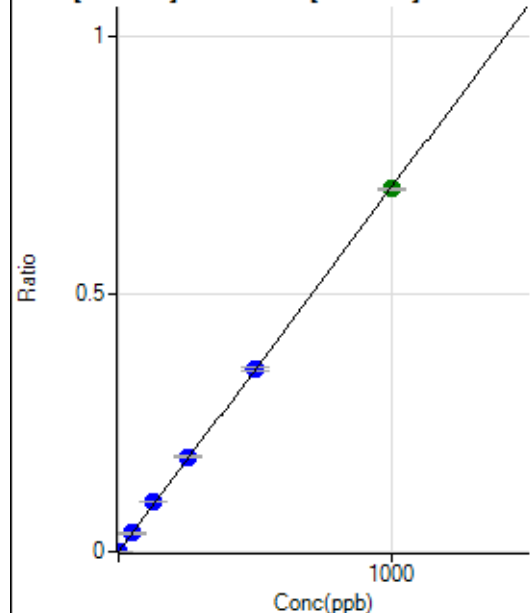


Batch Folder: D:\Agilent\ICPMH\1\DATA\P7120622 MS.b\
Analysis File: P7120622 MS.batch.bin
DA Date-Time: 2022-12-06 18:26:26
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2022-12-06 11:33:07
2	005CAL.S.d	S02	2022-12-06 11:35:58
3	006CAL.S.d	S03	2022-12-06 11:38:51
4	007CAL.S.d	S04	2022-12-06 11:41:36
5	008CAL.S.d	S05	2022-12-06 11:44:22
6	009CAL.S.d	S06	2022-12-06 11:47:06
7	010CAL.S.d	S07	2022-12-06 11:49:52
8	011CAL.S.d	S08	2022-12-06 11:52:37

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	83.33	0.0000	P	9.6
2	☐	1.000	1.105	2154.61	0.0008	P	6.6
3	☐	50.000	51.094	102413.60	0.0361	P	6.9
4	☐	125.000	135.276	266459.55	0.0956	P	0.8
5	☐	250.000	260.589	523315.55	0.1840	P	3.5
6	☐	500.000	500.306	1010615.21	0.3533	P	2.5
7	☐	1000.000	995.861	1941578.44	0.7033	A	0.3
8	☐			1105.62	0.0004	P	6.3

$$y = 7.0615\text{E-}004 * x + 2.9994\text{E-}005$$

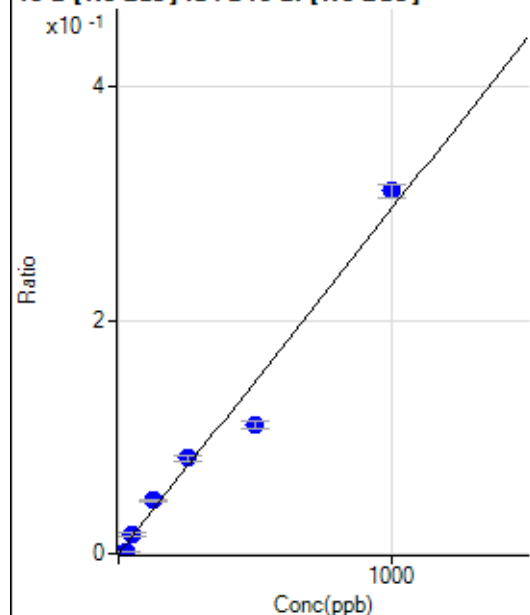
$$R = 0.9999$$

$$DL = 0.01226$$

$$BEC = 0.04248$$

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	438.91	0.0002	P	11.2
2	☐	25.000	7.122	6012.42	0.0023	P	3.0
3	☐	50.000	55.558	46882.80	0.0166	P	12.4
4	☐	125.000	154.164	127462.00	0.0457	P	3.8
5	☐	250.000	276.906	232915.91	0.0819	P	6.3
6	☐	500.000	374.634	316897.04	0.1108	P	5.4
7	☐	1000.000	1052.480	858645.96	0.3110	P	3.4
8	☐			32790.96	0.0128	P	4.3

$$y = 2.9532\text{E-}004 * x + 1.5800\text{E-}004$$

$$R = 0.9877$$

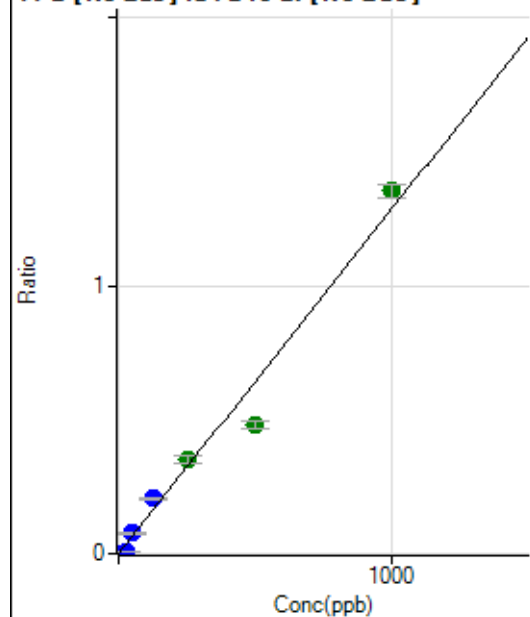
$$DL = 0.1795$$

$$BEC = 0.535$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2069.63	0.0007	P	7.1
2	☐	25.000	7.477	27536.27	0.0104	P	4.3
3	☐	50.000	58.881	216296.55	0.0764	P	11.3
4	☐	125.000	160.304	576697.36	0.2067	P	3.1
5	☐	250.000	273.111	999628.26	0.3517	A	6.6
6	☐	500.000	372.784	1371996.87	0.4797	A	6.5
7	☐	1000.000	1053.411	3739306.51	1.3542	A	3.6
8	☐			145324.08	0.0569	P	3.7

$$y = 0.0013 * x + 7.4430E-004$$

$$R = 0.9871$$

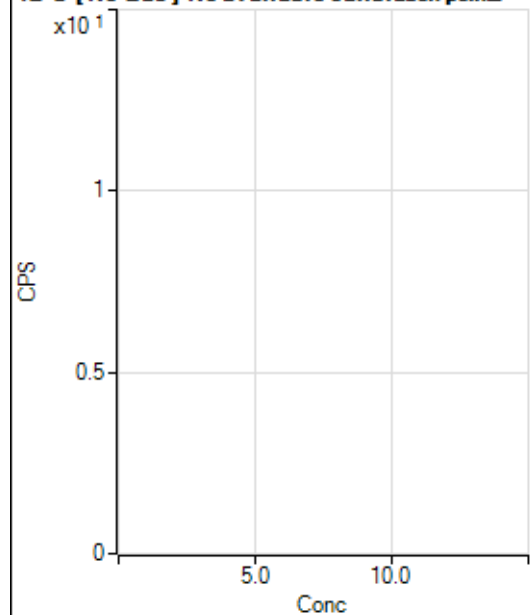
$$DL = 0.1235$$

$$BEC = 0.5793$$

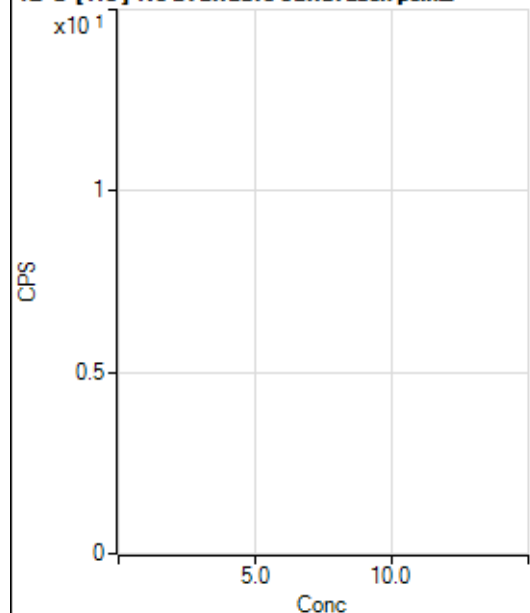
Weight: <None>

Min Conc: 0

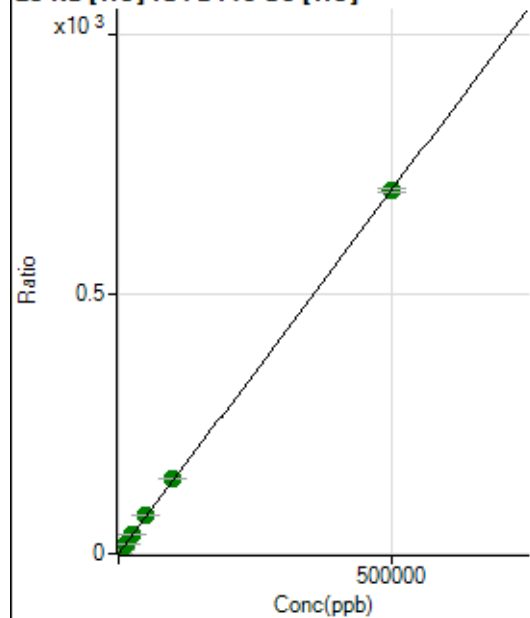
12 C [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	80472.10	0.1973	P	1.6
2	☐	500.000	480.206	358370.18	0.8704	P	0.6
3	☐	5000.000	5141.314	3014180.42	7.4032	A	0.5
4	☐	12500.000	13149.303	7457004.79	18.6268	A	1.0
5	☐	25000.000	26153.476	14480196.85	36.8527	A	0.4
6	☐	50000.000	52174.466	28439972.39	73.3225	A	1.5
7	☐	100000.00	102916.54	56659860.99	144.4400	A	0.4
8	☐	500000.00	499123.94	273890222.7	699.7443	A	0.9

$$y = 0.0014 * x + 0.1973$$

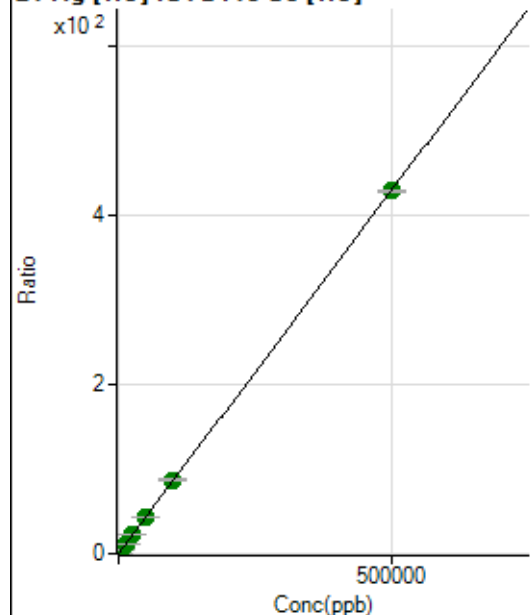
$$R = 1.0000$$

$$DL = 6.688$$

$$BEC = 140.8$$

Weight: <None>

Min Conc: 0

24 Mg [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	992.64	0.0024	P	8.5
2	☐	500.000	483.344	171786.05	0.4172	P	0.2
3	☐	5000.000	5236.018	1830377.07	4.4957	A	0.7
4	☐	12500.000	13105.809	4503519.03	11.2491	A	0.4
5	☐	25000.000	26315.831	8874191.52	22.5852	A	0.8
6	☐	50000.000	51210.485	17047043.44	43.9483	A	0.8
7	☐	100000.00	101639.48	34214823.45	87.2236	A	0.7
8	☐	500000.00	499467.77	167765887.0	428.6171	A	0.6

$$y = 8.5814\text{E-}004 * x + 0.0024$$

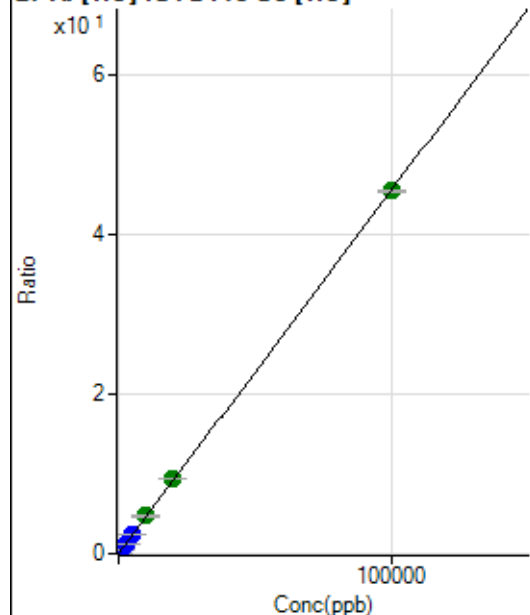
$$R = 1.0000$$

$$DL = 0.7231$$

$$BEC = 2.836$$

Weight: <None>

Min Conc: 0

27 Al [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	125.93	0.0003	P	19.9
2	☐	20.000	18.989	3687.54	0.0090	P	1.5
3	☐	1000.000	1097.171	203536.53	0.4999	P	0.5
4	☐	2500.000	2732.480	498246.37	1.2446	P	0.8
5	☐	5000.000	5391.057	964679.33	2.4552	P	0.2
6	☐	10000.000	10388.757	1834862.76	4.7309	A	2.4
7	☐	20000.000	20663.047	3691023.70	9.4093	A	0.8
8	☐	100000.00	99802.179	17787997.16	45.4458	A	0.7

$$y = 4.5536\text{E-}004 * x + 3.0884\text{E-}004$$

$$R = 1.0000$$

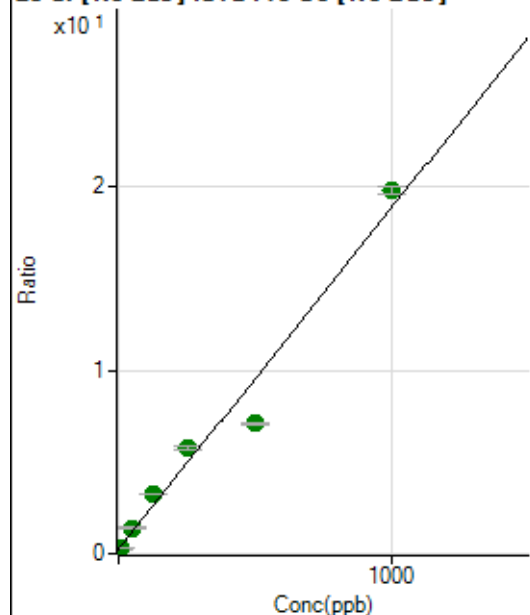
$$DL = 0.4051$$

$$BEC = 0.6782$$

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	1504750.56	0.2545	A	0.6
2	☐	10.000	0.854	1540523.74	0.2703	A	3.4
3	☐	50.000	60.827	8295223.45	1.3861	A	7.2
4	☐	125.000	160.744	19245468.49	3.2449	A	1.7
5	☐	250.000	296.060	33363295.54	5.7623	A	2.6
6	☐	500.000	367.610	41624346.07	7.0934	A	2.1
7	☐	1000.000	1049.762	115535533.1	19.7839	A	2.2
8	☐			1824041.21	0.3204	A	1.2

$$y = 0.0186 * x + 0.2545$$

$$R = 0.9855$$

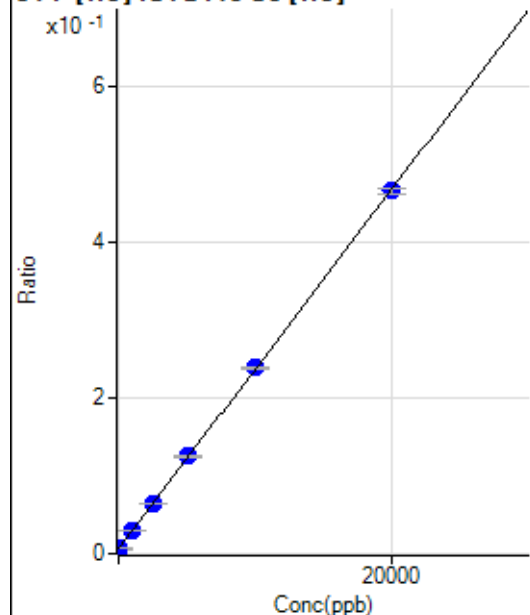
$$DL = 0.261$$

$$BEC = 13.68$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-11.738	2444.71	0.0060	P	1.5
2	☐	0.000	11.738	2691.96	0.0065	P	5.9
3	☐	1000.000	1003.690	11977.17	0.0294	P	1.8
4	☐	2500.000	2546.143	26022.55	0.0650	P	1.1
5	☐	5000.000	5141.592	49065.13	0.1249	P	1.5
6	☐	10000.000	10062.527	92470.66	0.2384	P	1.8
7	☐	20000.000	19927.386	182785.55	0.4660	P	1.6
8	☐			2428.03	0.0062	P	8.8

$$y = 2.3068E-005 * x + 0.0063$$

$$R = 1.0000$$

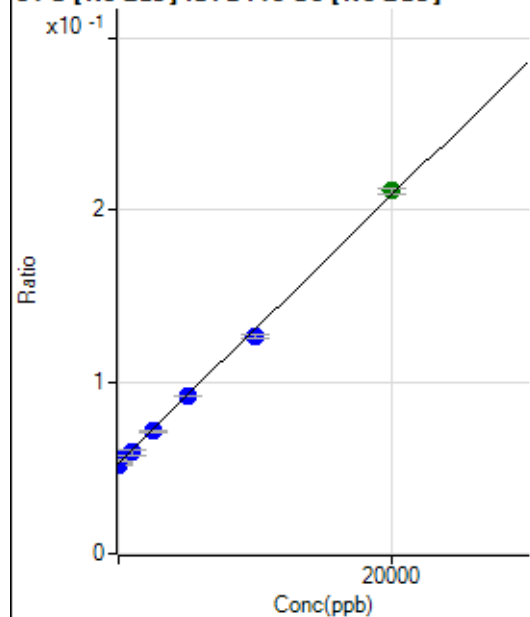
$$DL = 31.02$$

$$BEC = 271.6$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-163.159	307055.68	0.0519	P	0.8
2	☐	0.000	163.159	310409.99	0.0545	P	2.5
3	☐	1000.000	756.579	353717.86	0.0591	P	6.5
4	☐	2500.000	2309.358	422138.96	0.0712	P	1.8
5	☐	5000.000	4965.457	531933.80	0.0919	P	1.0
6	☐	10000.000	9456.268	744235.09	0.1268	P	2.0
7	☐	20000.000	20316.503	1234644.70	0.2114	A	1.4
8	☐			288554.70	0.0507	P	1.0

$$y = 7.7864\text{E-}006 * x + 0.0532$$

$$R = 0.9993$$

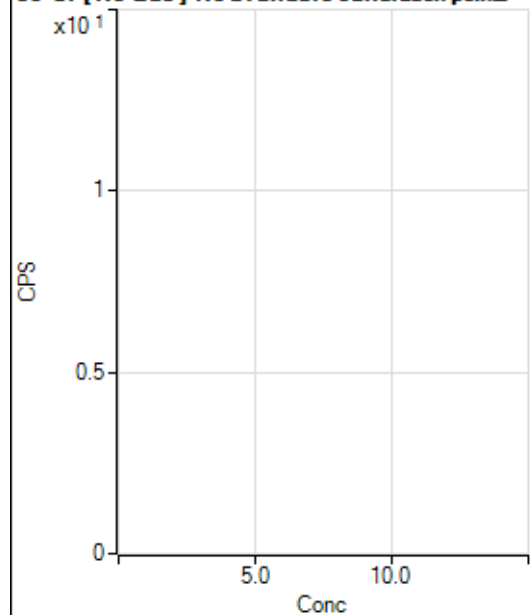
$$DL = 350.5$$

$$BEC = 6832$$

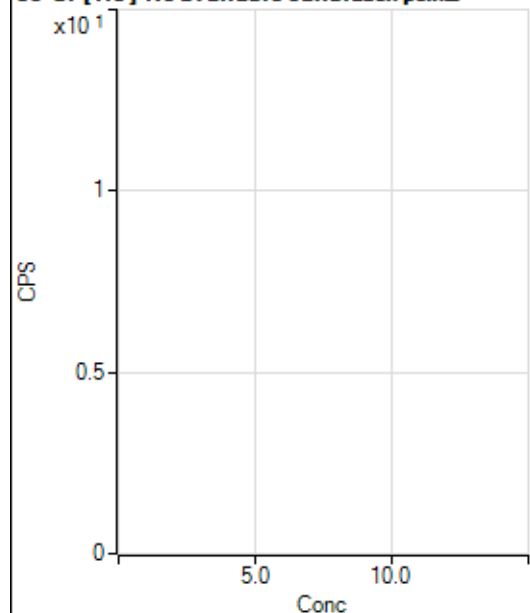
Weight: <None>

Min Conc: 0

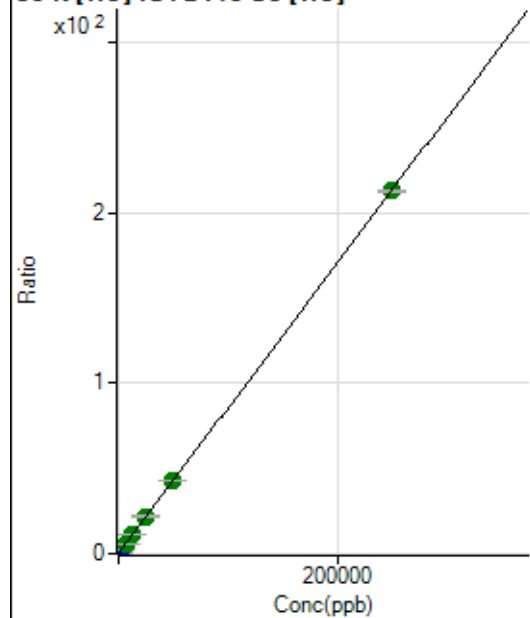
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	64587.21	0.1584	P	0.8
2	☐	500.000	506.312	242649.28	0.5893	P	0.3
3	☐	2500.000	2759.120	1020581.62	2.5067	P	0.7
4	☐	6250.000	6515.361	2283461.03	5.7037	A	0.3
5	☐	12500.000	12821.522	4350023.92	11.0710	A	0.7
6	☐	25000.000	25544.941	8494155.75	21.9001	A	1.8
7	☐	50000.000	49960.484	16742232.32	42.6806	A	0.3
8	☐	250000.00	249928.09	83322142.83	212.8762	A	0.7

$$y = 8.5112E-004 * x + 0.1584$$

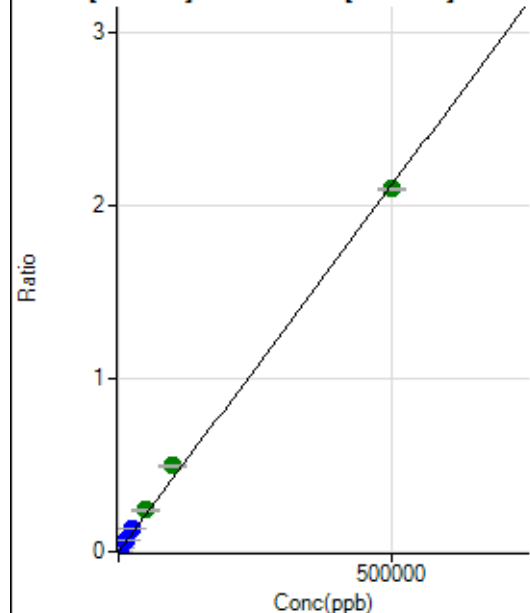
$$R = 1.0000$$

$$DL = 4.472$$

$$BEC = 186.1$$

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	283.34	0.0000	P	5.7
2	☐	500.000	527.210	12986.50	0.0023	P	4.7
3	☐	5000.000	6174.487	156599.61	0.0262	P	7.9
4	☐	12500.000	15859.462	398253.02	0.0672	P	2.6
5	☐	25000.000	31932.267	782584.64	0.1352	P	2.8
6	☐	50000.000	56930.191	1413772.54	0.2409	A	2.7
7	☐	100000.00	117596.79	2906264.00	0.4976	A	1.8
8	☐	500000.00	495345.25	11933662.25	2.0960	A	0.3

$$y = 4.2314\text{E-}006 * x + 4.7911\text{E-}005$$

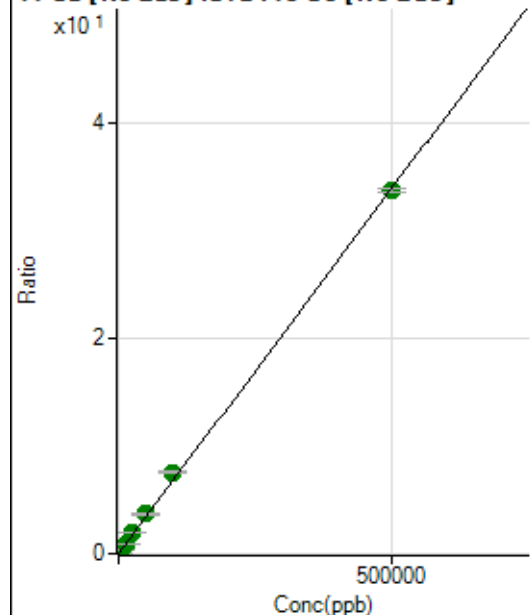
$$R = 0.9993$$

$$DL = 1.946$$

$$BEC = 11.32$$

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	62798.70	0.0106	P	1.8
2	☐	500.000	541.529	269624.00	0.0473	P	2.2
3	☐	5000.000	5529.016	2304089.83	0.3852	A	8.4
4	☐	12500.000	14037.160	5702330.71	0.9616	A	2.7
5	☐	25000.000	28138.463	11099539.53	1.9169	A	2.1
6	☐	50000.000	54405.728	21689189.97	3.6964	A	3.3
7	☐	100000.00	111308.23	44102259.48	7.5514	A	1.2
8	☐	500000.00	497097.09	191796398.9	33.6872	A	1.0

$$y = 6.7747\text{E-}005 * x + 0.0106$$

$$R = 0.9997$$

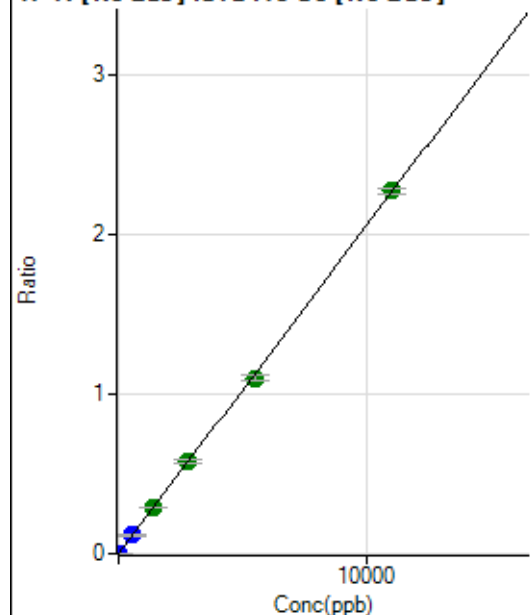
$$DL = 8.368$$

$$BEC = 156.8$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	250.01	0.0000	P	11.6
2	☐	5.000	4.920	6001.33	0.0011	P	2.4
3	☐	550.000	562.367	691358.66	0.1156	P	8.0
4	☐	1375.000	1406.570	1713745.22	0.2890	A	2.3
5	☐	2750.000	2821.209	3355432.56	0.5796	A	3.2
6	☐	5500.000	5349.558	6448165.68	1.0989	A	3.1
7	☐	11000.000	11052.854	13259876.34	2.2704	A	1.5
8	☐			4559.44	0.0008	P	5.5

$$y = 2.0541E-004 * x + 4.2278E-005$$

$$R = 0.9998$$

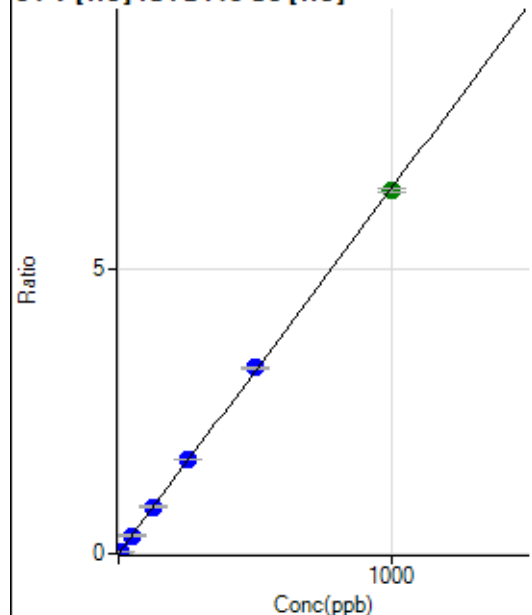
$$DL = 0.07138$$

$$BEC = 0.2058$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	10.00	0.0000	P	66.4
2	☐	5.000	4.686	12397.42	0.0301	P	1.1
3	☐	50.000	49.980	130652.71	0.3209	P	1.2
4	☐	125.000	128.940	331428.50	0.8279	P	0.4
5	☐	250.000	256.219	646358.82	1.6450	P	0.4
6	☐	500.000	509.651	1269212.96	3.2721	P	0.8
7	☐	1000.000	993.130	2501213.59	6.3762	A	1.1
8	☐			776.69	0.0020	P	4.5

$$y = 0.0064 * x + 2.4466E-005$$

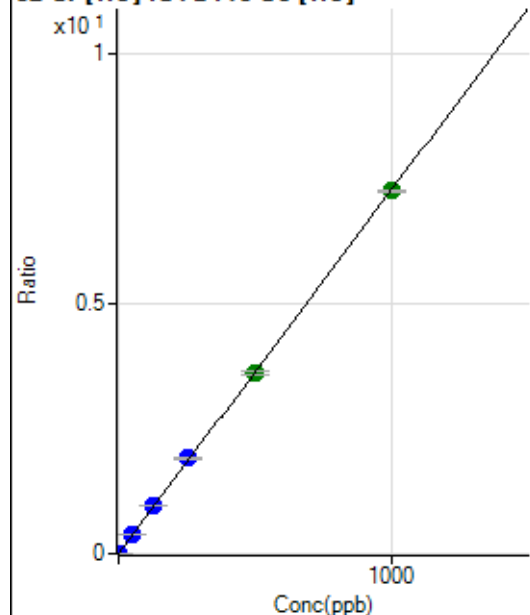
$$R = 0.9999$$

$$DL = 0.007595$$

$$BEC = 0.003811$$

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	810.03	0.0020	P	5.3
2	☐	2.000	1.941	6633.73	0.0161	P	4.0
3	☐	50.000	51.305	152844.94	0.3754	P	0.6
4	☐	125.000	131.656	384430.53	0.9602	P	0.5
5	☐	250.000	261.636	749023.73	1.9063	P	0.7
6	☐	500.000	497.564	1405455.83	3.6235	A	1.5
7	☐	1000.000	997.412	2848519.54	7.2616	A	0.8
8	☐			17746.08	0.0453	P	0.9

$$y = 0.0073 * x + 0.0020$$

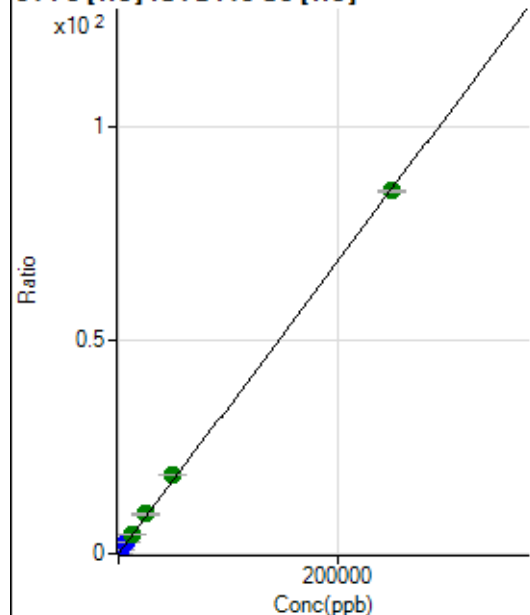
$$R = 0.9999$$

$$DL = 0.04346$$

$$BEC = 0.2729$$

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	1648.46	0.0040	P	2.1
2	☐	50.000	53.910	9249.02	0.0225	P	2.9
3	☐	2500.000	2869.079	400754.00	0.9843	P	0.5
4	☐	6250.000	7337.197	1005196.31	2.5109	P	1.1
5	☐	12500.000	13786.918	1852424.38	4.7145	A	0.7
6	☐	25000.000	27116.357	3595267.80	9.2687	A	0.9
7	☐	50000.000	53826.930	7215677.46	18.3947	A	0.2
8	☐	250000.00	248927.76	33290758.34	85.0532	A	0.7

$$y = 3.4166E-004 * x + 0.0040$$

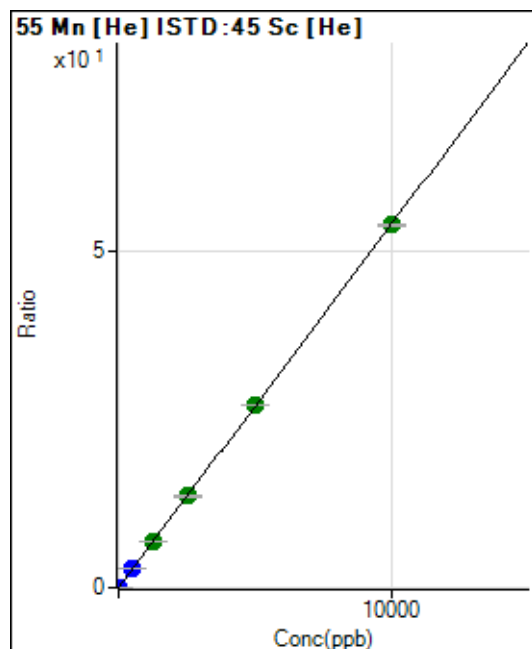
$$R = 0.9999$$

$$DL = 0.7453$$

$$BEC = 11.83$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	278.89	0.0007	P	18.9
2	☐	1.000	1.059	2640.25	0.0064	P	5.7
3	☐	500.000	511.872	1127711.68	2.7699	P	0.8
4	☐	1250.000	1277.900	2767932.46	6.9140	A	0.8
5	☐	2500.000	2514.898	5346096.24	13.6060	A	1.1
6	☐	5000.000	5028.483	10552951.16	27.2043	A	0.8
7	☐	10000.000	9977.953	21175275.52	53.9804	A	0.8
8	☐			24682.53	0.0631	P	1.7

$$y = 0.0054 * x + 6.8344E-004$$

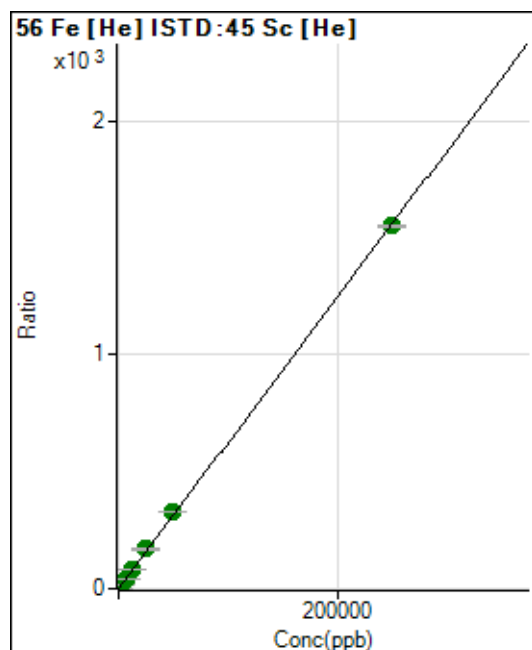
$$R = 1.0000$$

$$DL = 0.07178$$

$$BEC = 0.1263$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	10088.73	0.0247	P	3.0
2	☐	50.000	51.997	143439.50	0.3484	P	0.2
3	☐	2500.000	2674.379	6787040.26	16.6698	A	0.3
4	☐	6250.000	6897.238	17195150.62	42.9524	A	1.3
5	☐	12500.000	13632.882	33348853.99	84.8743	A	0.5
6	☐	25000.000	27124.216	65497283.41	168.8428	A	0.5
7	☐	50000.000	52681.356	128628746.3	327.9075	A	0.4
8	☐	250000.00	249176.73	607031420.9	1,550.872	A	0.5

$$y = 0.0062 * x + 0.0247$$

$$R = 0.9999$$

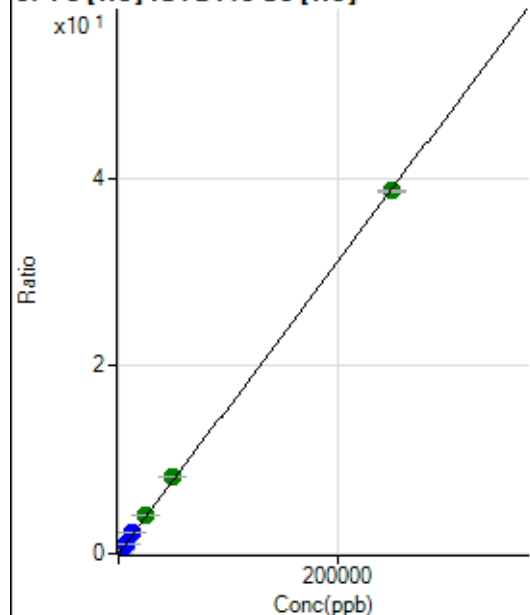
$$DL = 0.358$$

$$BEC = 3.975$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	622.25	0.0015	P	3.6
2	☐	50.000	52.380	3970.95	0.0096	P	4.0
3	☐	2500.000	2800.672	177336.54	0.4356	P	0.5
4	☐	6250.000	7142.198	443743.45	1.1084	P	0.4
5	☐	12500.000	14168.403	863361.94	2.1973	P	0.4
6	☐	25000.000	26919.042	1618815.08	4.1733	A	0.6
7	☐	50000.000	52617.245	3199276.55	8.1560	A	0.8
8	☐	250000.00	249175.91	15115441.89	38.6179	A	0.8

$$y = 1.5498\text{E-}004 * x + 0.0015$$

R = 0.9999

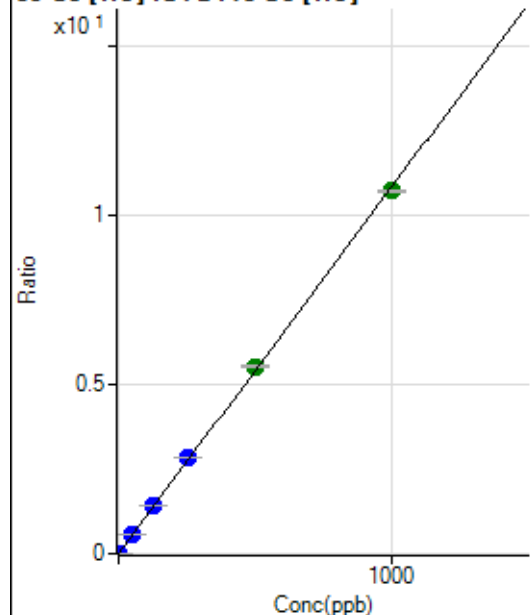
DL = 1.077

BEC = 9.846

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	101.11	0.0002	P	5.0
2	☐	1.000	1.000	4559.63	0.0111	P	3.1
3	☐	50.000	51.913	228960.32	0.5624	P	0.9
4	☐	125.000	132.483	574405.73	1.4348	P	0.7
5	☐	250.000	263.104	1119497.58	2.8492	P	0.3
6	☐	500.000	511.283	2147573.46	5.5365	A	0.7
7	☐	1000.000	990.051	4205429.42	10.7206	A	0.8
8	☐			4825.26	0.0123	P	3.8

$$y = 0.0108 * x + 2.4795\text{E-}004$$

R = 0.9998

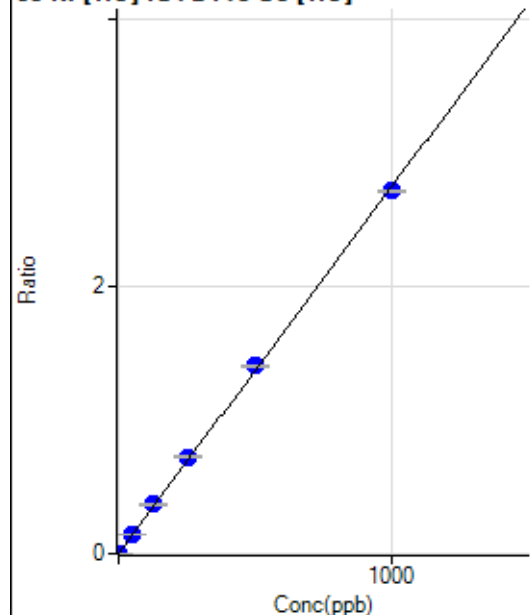
DL = 0.003424

BEC = 0.0229

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	428.90	0.0011	P	12.7
2	☐	1.000	1.044	1611.21	0.0039	P	3.0
3	☐	50.000	52.723	59244.24	0.1455	P	1.6
4	☐	125.000	133.562	146933.22	0.3670	P	0.8
5	☐	250.000	264.384	285056.92	0.7255	P	0.4
6	☐	500.000	511.237	543766.46	1.4019	P	1.0
7	☐	1000.000	989.579	1064069.21	2.7126	P	0.3
8	☐			7418.56	0.0190	P	3.3

$$y = 0.0027 * x + 0.0011$$

$$R = 0.9998$$

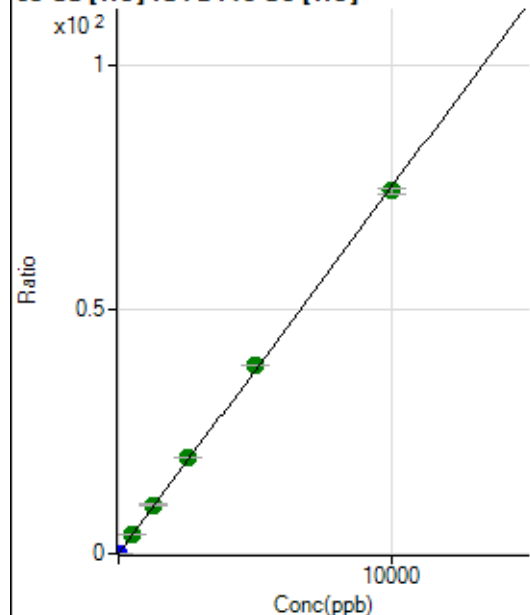
$$DL = 0.1457$$

$$BEC = 0.3837$$

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	1542.32	0.0038	P	8.2
2	☐	2.000	2.025	7816.55	0.0190	P	0.8
3	☐	500.000	517.762	1584563.52	3.8918	A	0.3
4	☐	1250.000	1324.857	3984183.41	9.9526	A	2.2
5	☐	2500.000	2608.694	7698625.86	19.5933	A	0.8
6	☐	5000.000	5141.473	14978007.14	38.6128	A	0.7
7	☐	10000.000	9891.845	29140186.51	74.2850	A	1.4
8	☐			8513.61	0.0218	P	6.1

$$y = 0.0075 * x + 0.0038$$

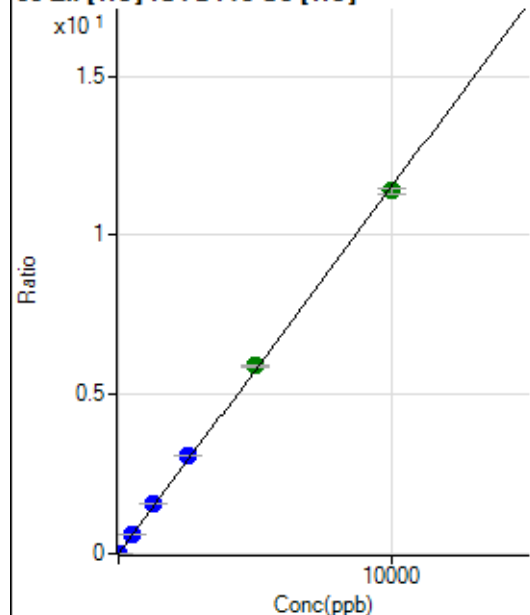
$$R = 0.9998$$

$$DL = 0.1242$$

$$BEC = 0.5035$$

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	537.79	0.0013	P	13.3
2	☐	2.000	2.326	1646.77	0.0040	P	4.5
3	☐	500.000	527.005	247796.37	0.6086	P	1.1
4	☐	1250.000	1352.487	624492.66	1.5599	P	0.9
5	☐	2500.000	2657.257	1203718.75	3.0635	P	0.8
6	☐	5000.000	5118.256	2288390.04	5.8996	A	1.0
7	☐	10000.000	9887.396	4469983.34	11.3955	A	1.4
8	☐			4248.42	0.0109	P	3.8

$$y = 0.0012 * x + 0.0013$$

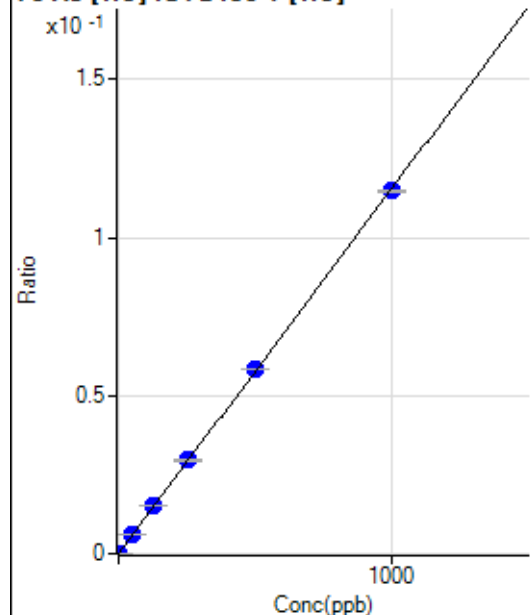
$$R = 0.9997$$

$$DL = 0.4575$$

$$BEC = 1.145$$

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	4.32	0.0000	P	49.6
2	☐	1.000	1.070	338.89	0.0001	P	11.9
3	☐	50.000	50.681	15666.91	0.0059	P	1.4
4	☐	125.000	130.156	39634.62	0.0150	P	1.3
5	☐	250.000	255.977	77502.12	0.0295	P	1.4
6	☐	500.000	506.085	151229.48	0.0584	P	0.9
7	☐	1000.000	994.785	300021.14	0.1148	P	0.3
8	☐			113.58	0.0000	P	9.6

$$y = 1.1540E-004 * x + 1.5981E-006$$

$$R = 0.9999$$

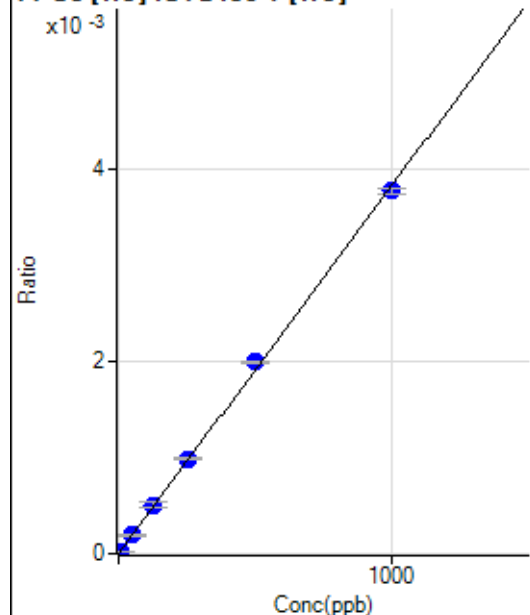
$$DL = 0.02062$$

$$BEC = 0.01385$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	3.742	38.89	0.0000	P	50.0
3	☐	50.000	51.329	526.68	0.0002	P	8.2
4	☐	125.000	132.950	1344.52	0.0005	P	10.6
5	☐	250.000	257.291	2586.92	0.0010	P	1.7
6	☐	500.000	520.656	5167.62	0.0020	P	1.5
7	☐	1000.000	986.795	9883.37	0.0038	P	1.4
8	☐			5.55	0.0000	P	124.7

$$y = 3.8326\text{E-}006 * x + 0.0000\text{E}+000$$

$$R = 0.9996$$

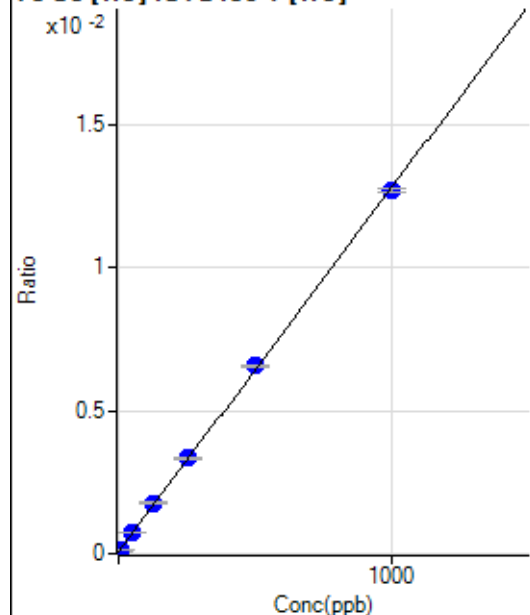
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	195.68	0.0001	P	2.2
2	☐	5.000	4.697	357.41	0.0001	P	7.5
3	☐	50.000	51.681	1952.61	0.0007	P	1.3
4	☐	125.000	133.119	4654.45	0.0018	P	3.2
5	☐	250.000	256.539	8743.96	0.0033	P	1.1
6	☐	500.000	511.452	17020.29	0.0066	P	0.8
7	☐	1000.000	991.542	33121.39	0.0127	P	0.9
8	☐			214.20	0.0001	P	7.7

$$y = 1.2709\text{E-}005 * x + 7.2293\text{E-}005$$

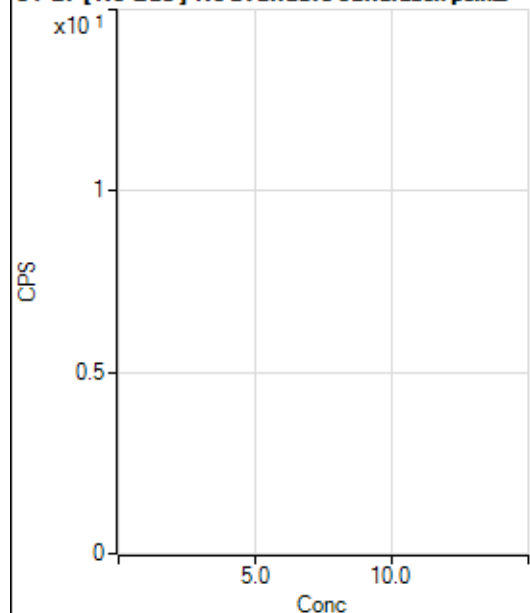
$$R = 0.9999$$

$$DL = 0.3786$$

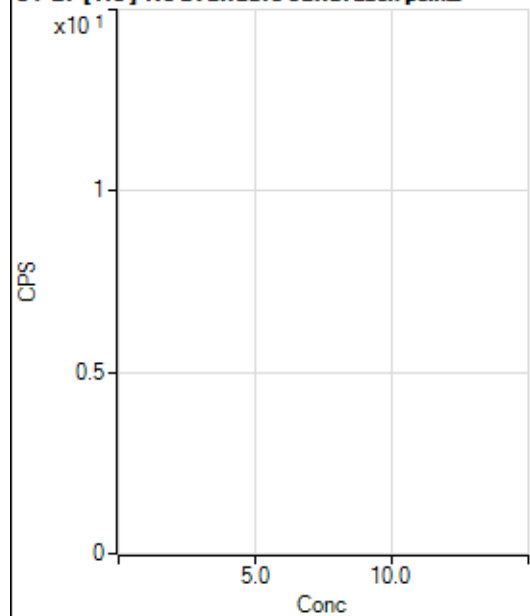
$$BEC = 5.688$$

Weight: <None>

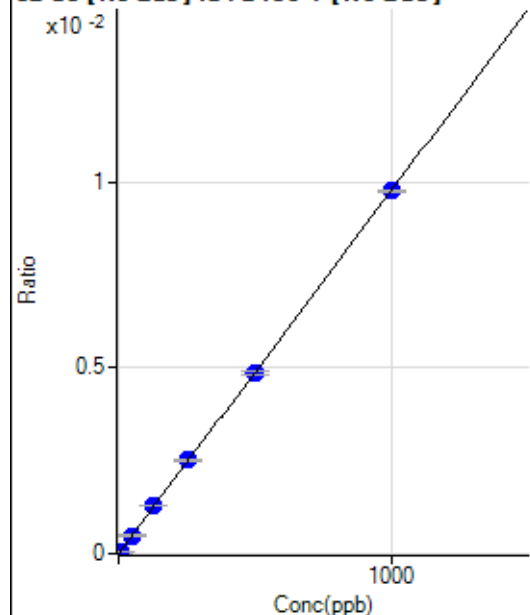
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25216.64		P	2.3
2	☐			25319.55		P	1.9
3	☐			25158.10		P	2.1
4	☐			25361.35		P	3.1
5	☐			24150.94		P	3.5
6	☐			24615.59		P	1.5
7	☐			24793.62		P	1.4
8	☐			25035.59		P	0.4

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			76.74		P	7.5
2	☐			76.74		P	32.8
3	☐			120.12		P	30.1
4	☐			110.11		P	59.6
5	☐			80.08		P	12.5
6	☐			83.42		P	6.9
7	☐			106.77		P	10.8
8	☐			116.79		P	17.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-4.90	0.0000	P	-867.
2	☐	5.000	5.114	627.26	0.0000	P	5.2
3	☐	50.000	50.218	6569.19	0.0005	P	6.0
4	☐	125.000	131.334	17060.68	0.0013	P	1.6
5	☐	250.000	258.481	33202.86	0.0025	P	2.3
6	☐	500.000	497.244	64703.19	0.0049	P	2.5
7	☐	1000.000	998.455	127533.92	0.0098	P	0.6
8	☐			238.20	0.0000	P	8.3

$$y = 9.7815E-006 * x - 3.7878E-007$$

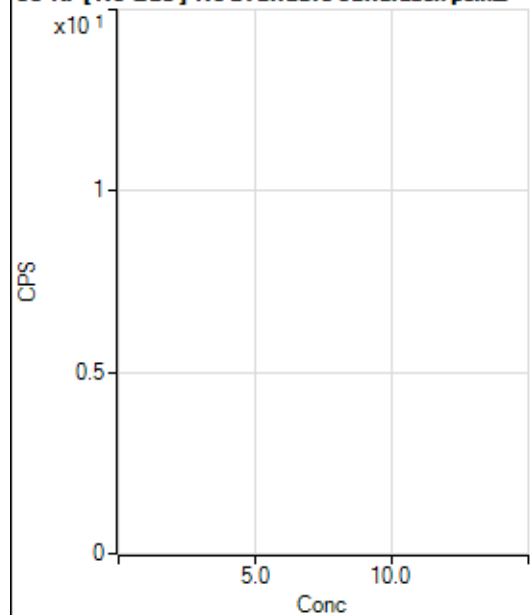
$$R = 0.9999$$

$$DL = 1.007$$

$$BEC = -0.03872$$

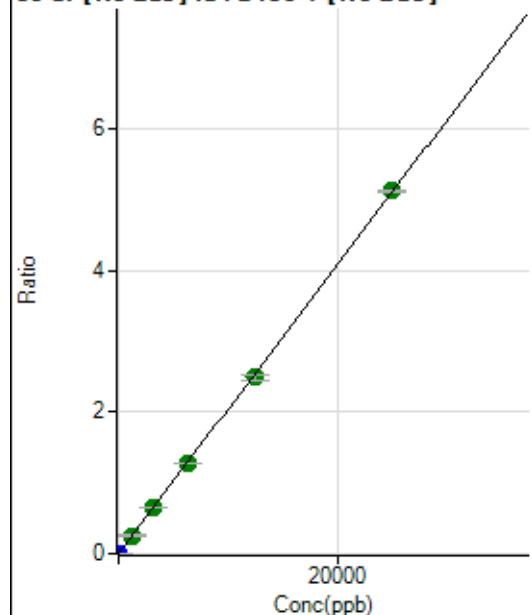
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			318.90		P	11.9
2	☐			304.45		P	4.1
3	☐			337.79		P	8.6
4	☐			321.12		P	8.1
5	☐			341.12		P	13.0
6	☐			366.67		P	10.7
7	☐			330.01		P	3.6
8	☐			340.01		P	8.5

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	591.70	0.0000	P	4.1
2	☐	1.000	0.952	3022.61	0.0002	P	4.1
3	☐	1250.000	1225.568	3340314.31	0.2498	A	7.7
4	☐	3125.000	3168.649	8577115.82	0.6457	A	2.0
5	☐	6250.000	6258.843	16751745.34	1.2753	A	1.2
6	☐	12500.000	12217.976	33118191.71	2.4894	A	3.8
7	☐	25000.000	25134.566	66878399.41	5.1212	A	0.9
8	☐			27214.63	0.0022	P	6.6

$$y = 2.0375E-004 * x + 4.5082E-005$$

$$R = 0.9999$$

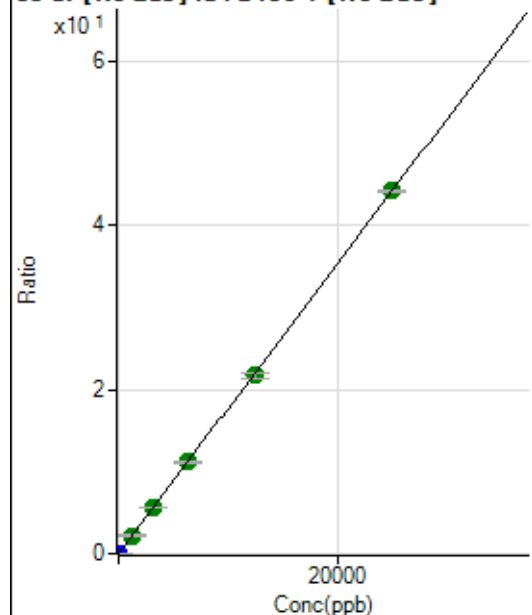
$$DL = 0.0272$$

$$BEC = 0.2213$$

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	441.69	0.0000	P	22.1
2	☐	1.000	0.991	22528.90	0.0018	P	2.4
3	☐	1250.000	1228.217	28995516.97	2.1673	A	6.8
4	☐	3125.000	3181.650	74584096.80	5.6143	A	1.3
5	☐	6250.000	6336.623	146870778.2	11.1815	A	1.4
6	☐	12500.000	12301.171	288769850.9	21.7064	A	3.8
7	☐	25000.000	25071.766	577740201.8	44.2410	A	0.7
8	☐			234556.29	0.0186	P	5.6

$$y = 0.0018 * x + 3.3610E-005$$

$$R = 0.9999$$

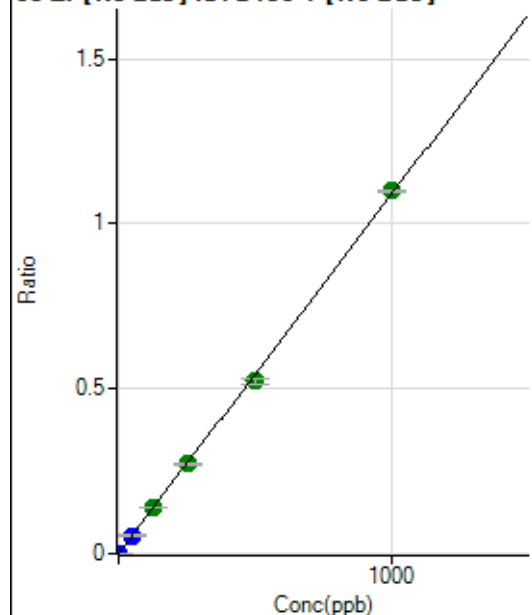
$$DL = 0.01263$$

$$BEC = 0.01905$$

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	525.02	0.0000	P	6.4
2	☐	1.000	0.928	13281.34	0.0011	P	2.0
3	☐	50.000	50.109	730302.75	0.0546	P	7.3
4	☐	125.000	127.544	1845266.56	0.1389	A	0.5
5	☐	250.000	250.507	3582792.09	0.2728	A	2.1
6	☐	500.000	479.204	6941567.04	0.5218	A	2.9
7	☐	1000.000	1009.948	14360074.62	1.0996	A	0.9
8	☐			5490.07	0.0004	P	7.5

$$y = 0.0011 * x + 4.0010E-005$$

$$R = 0.9997$$

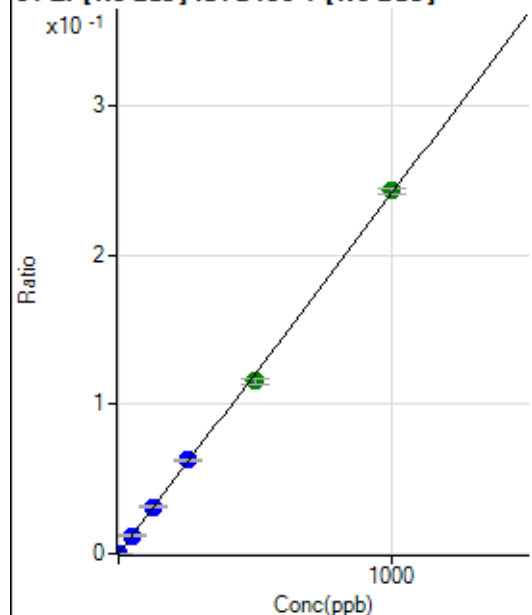
$$DL = 0.007057$$

$$BEC = 0.03675$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	88.89	0.0000	P	29.5
2	☐	1.000	0.933	2930.92	0.0002	P	4.4
3	☐	50.000	49.971	161409.94	0.0121	P	7.2
4	☐	125.000	130.606	418799.88	0.0315	P	1.4
5	☐	250.000	259.239	821778.81	0.0626	P	2.5
6	☐	500.000	478.950	1537742.72	0.1156	A	3.9
7	☐	1000.000	1007.516	3175223.44	0.2431	A	1.8
8	☐			1250.08	0.0001	P	18.7

$$y = 2.4132E-004 * x + 6.7621E-006$$

$$R = 0.9996$$

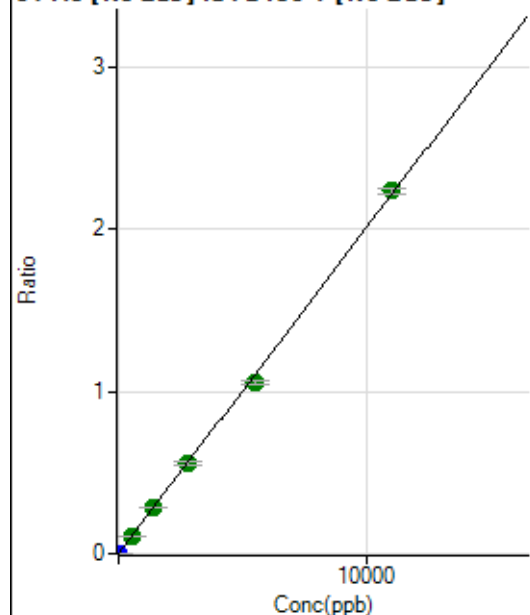
$$DL = 0.02483$$

$$BEC = 0.02802$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	161.12	0.0000	P	13.8
2	☐	5.000	6.093	15655.93	0.0012	P	1.9
3	☐	550.000	534.740	1439503.10	0.1076	A	7.5
4	☐	1375.000	1399.558	3741854.94	0.2817	A	1.0
5	☐	2750.000	2769.956	7321410.67	0.5575	A	3.2
6	☐	5500.000	5252.577	14063300.14	1.0571	A	2.8
7	☐	11000.000	11116.416	29214497.87	2.2371	A	1.4
8	☐			11338.07	0.0009	P	10.8

$$y = 2.0125E-004 * x + 1.2284E-005$$

$$R = 0.9996$$

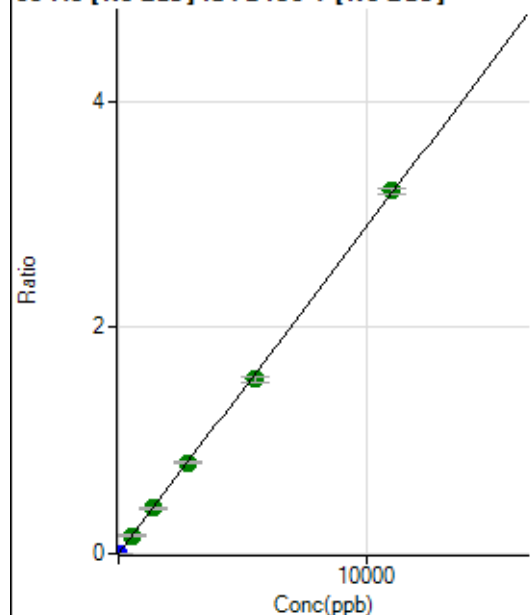
$$DL = 0.02533$$

$$BEC = 0.06104$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	22.22	0.0000	P	21.5
2	☐	5.000	5.229	19162.99	0.0015	P	0.8
3	☐	550.000	540.074	2091556.49	0.1564	A	7.9
4	☐	1375.000	1389.306	5344624.34	0.4023	A	1.8
5	☐	2750.000	2771.245	10540863.69	0.8025	A	2.1
6	☐	5500.000	5322.035	20504296.64	1.5412	A	2.5
7	☐	11000.000	11082.379	41909175.24	3.2093	A	1.3
8	☐			15372.33	0.0012	P	10.0

$$y = 2.8959E-004 * x + 1.6928E-006$$

$$R = 0.9998$$

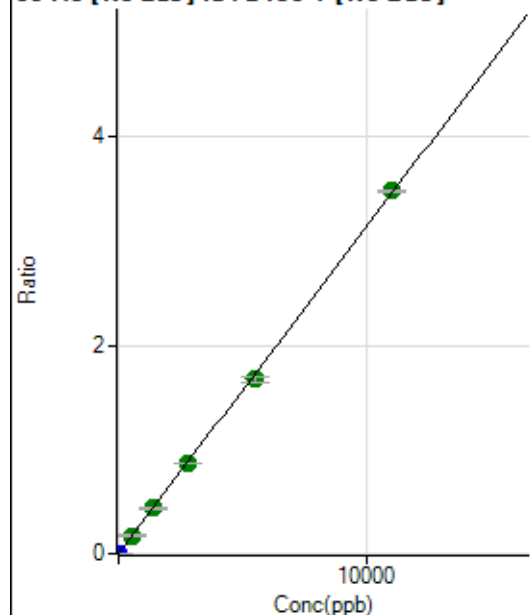
$$DL = 0.003778$$

$$BEC = 0.005845$$

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	88.89	0.0000	P	53.5
2	☐	5.000	5.206	20762.39	0.0016	P	2.5
3	☐	550.000	542.695	2280619.43	0.1705	A	7.5
4	☐	1375.000	1383.709	5775148.30	0.4347	A	1.8
5	☐	2750.000	2761.489	11395974.47	0.8676	A	2.0
6	☐	5500.000	5328.497	22272357.27	1.6741	A	2.9
7	☐	11000.000	11082.156	45467695.11	3.4818	A	0.7
8	☐			27329.06	0.0022	P	5.8

$$y = 3.1418\text{E-}004 * x + 6.7808\text{E-}006$$

$$R = 0.9998$$

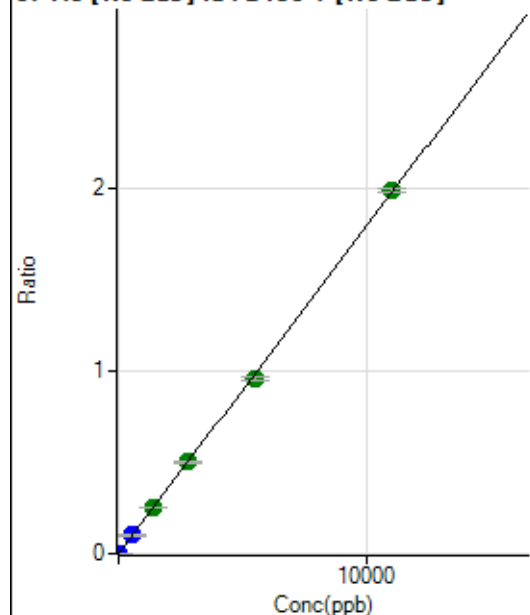
$$DL = 0.03465$$

$$BEC = 0.02158$$

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	11.11	0.0000	P	42.4
2	☐	5.000	5.235	11866.23	0.0009	P	1.2
3	☐	550.000	559.617	1340566.14	0.1002	P	7.8
4	☐	1375.000	1398.845	3328321.32	0.2506	A	2.3
5	☐	2750.000	2801.097	6589473.24	0.5017	A	3.1
6	☐	5500.000	5340.946	12727019.64	0.9566	A	2.9
7	☐	11000.000	11063.291	25877082.70	1.9816	A	1.1
8	☐			10331.70	0.0008	P	8.0

$$y = 1.7911\text{E-}004 * x + 8.4446\text{E-}007$$

$$R = 0.9998$$

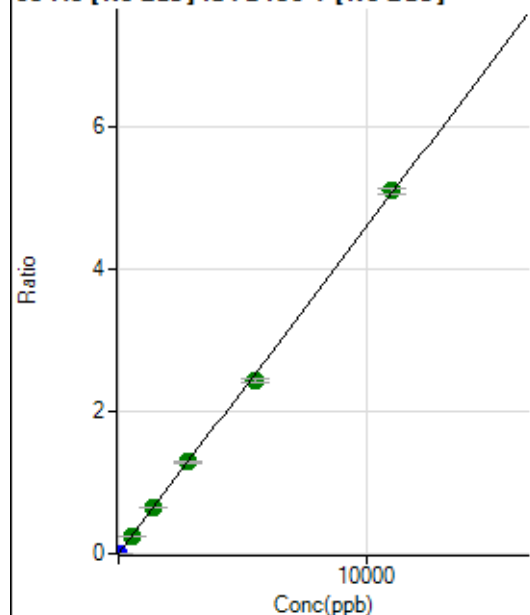
$$DL = 0.006002$$

$$BEC = 0.004715$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	33.34	0.0000	P	131.9
2	☐	5.000	5.154	29956.28	0.0024	P	0.9
3	☐	550.000	538.128	3306676.51	0.2472	A	7.0
4	☐	1375.000	1392.678	8498004.53	0.6397	A	1.2
5	☐	2750.000	2799.668	16890283.19	1.2860	A	2.7
6	☐	5500.000	5305.315	32420352.11	2.4369	A	2.4
7	☐	11000.000	11083.309	66479291.07	5.0908	A	1.3
8	☐			24855.01	0.0020	P	5.6

$$y = 4.5932\text{E-}004 * x + 2.5209\text{E-}006$$

$$R = 0.9998$$

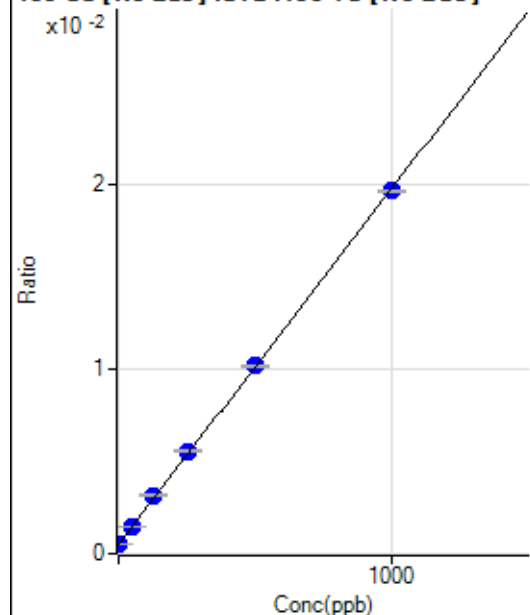
$$DL = 0.02172$$

$$BEC = 0.005488$$

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	5134.41	0.0005	P	5.1
2	☐	1.000	1.343	5253.84	0.0005	P	0.9
3	☐	50.000	49.606	15361.27	0.0015	P	5.0
4	☐	125.000	138.342	32782.04	0.0032	P	2.0
5	☐	250.000	262.197	58161.65	0.0056	P	0.9
6	☐	500.000	501.674	106777.93	0.0102	P	1.7
7	☐	1000.000	994.465	204921.47	0.0197	P	0.6
8	☐			5081.59	0.0005	P	5.3

$$y = 1.9281\text{E-}005 * x + 5.0565\text{E-}004$$

$$R = 0.9998$$

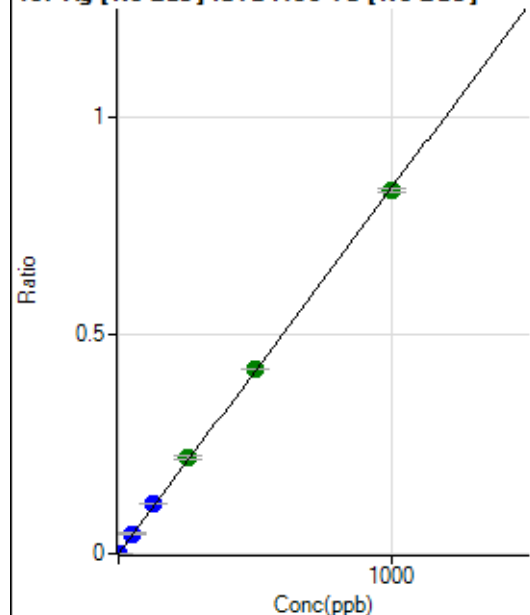
$$DL = 3.984$$

$$BEC = 26.23$$

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	41.67	0.0000	P	52.6
2	☐	1.000	1.020	8477.67	0.0009	P	2.6
3	☐	50.000	53.009	465351.50	0.0444	P	8.8
4	☐	125.000	137.906	1192154.68	0.1154	P	2.0
5	☐	250.000	263.897	2308740.51	0.2208	A	3.4
6	☐	500.000	504.759	4430855.74	0.4223	A	0.5
7	☐	1000.000	992.382	8645739.69	0.8303	A	1.2
8	☐			4853.72	0.0005	P	3.8

$$y = 8.3671E-004 * x + 4.0971E-006$$

$$R = 0.9998$$

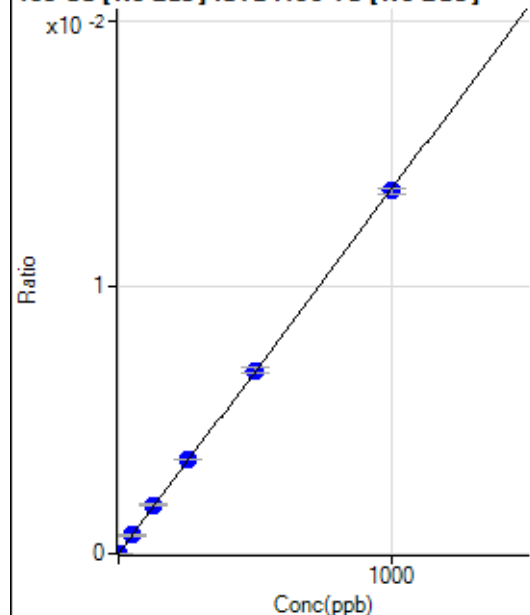
$$DL = 0.007731$$

$$BEC = 0.004897$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	20.84	0.0000	P	35.0
2	☐	1.000	0.941	147.22	0.0000	P	10.2
3	☐	50.000	52.287	7518.69	0.0007	P	9.0
4	☐	125.000	132.889	18787.29	0.0018	P	2.8
5	☐	250.000	258.591	36984.72	0.0035	P	1.5
6	☐	500.000	502.837	72125.46	0.0069	P	2.7
7	☐	1000.000	995.333	141681.11	0.0136	P	1.9
8	☐			130.56	0.0000	P	15.1

$$y = 1.3669E-005 * x + 2.0534E-006$$

$$R = 0.9999$$

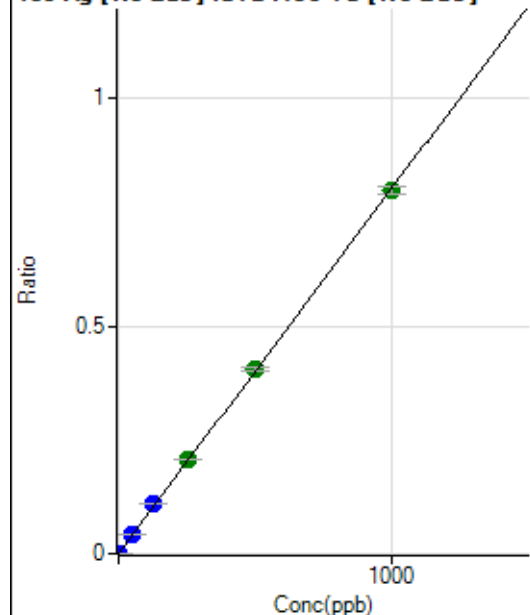
$$DL = 0.1579$$

$$BEC = 0.1502$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	22.22	0.0000	P	57.5
2	☐	1.000	1.031	8180.28	0.0008	P	2.5
3	☐	50.000	52.774	443656.75	0.0423	P	8.0
4	☐	125.000	137.416	1137319.95	0.1101	P	1.5
5	☐	250.000	258.918	2169134.40	0.2074	A	1.1
6	☐	500.000	503.752	4233362.59	0.4035	A	2.2
7	☐	1000.000	994.204	8292114.16	0.7964	A	2.0
8	☐			4598.05	0.0005	P	3.8

$$y = 8.0105\text{E-}004 * x + 2.1918\text{E-}006$$

$$R = 0.9999$$

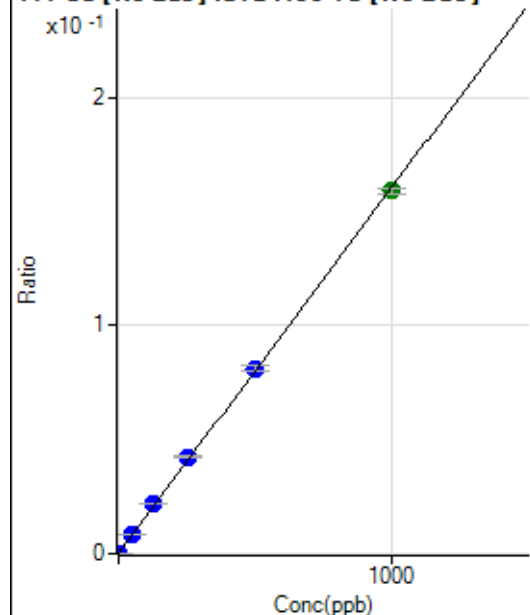
$$DL = 0.004719$$

$$BEC = 0.002736$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1019.24	0.0001	P	4.7
2	☐	1.000	1.171	2846.47	0.0003	P	1.7
3	☐	50.000	52.203	88796.68	0.0085	P	7.4
4	☐	125.000	136.416	226722.09	0.0219	P	2.1
5	☐	250.000	263.666	442558.61	0.0423	P	2.2
6	☐	500.000	506.493	851930.39	0.0812	P	2.4
7	☐	1000.000	991.800	1654685.32	0.1589	A	1.3
8	☐			1794.41	0.0002	P	4.0

$$y = 1.6013\text{E-}004 * x + 1.0038\text{E-}004$$

$$R = 0.9998$$

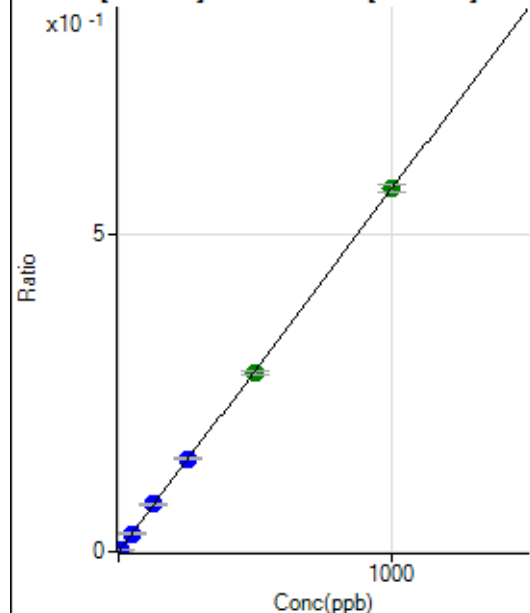
$$DL = 0.08809$$

$$BEC = 0.6268$$

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	708.40	0.0001	P	30.1
2	☐	5.000	5.059	29235.83	0.0030	P	1.4
3	☐	50.000	50.192	301576.46	0.0287	P	7.2
4	☐	125.000	130.806	772326.62	0.0748	P	2.7
5	☐	250.000	257.084	1535824.99	0.1469	P	1.8
6	☐	500.000	493.898	2959301.43	0.2821	A	2.8
7	☐	1000.000	1000.544	5950037.76	0.5714	A	2.2
8	☐			7946.86	0.0008	P	4.3

$$y = 5.7098\text{E-}004 * x + 6.9788\text{E-}005$$

$$R = 0.9999$$

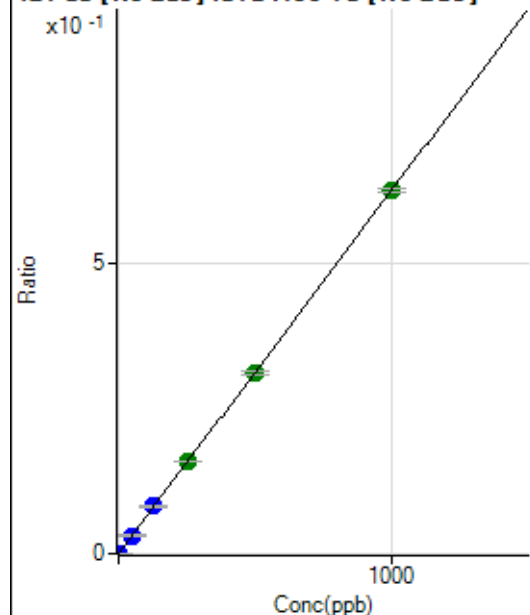
$$DL = 0.1103$$

$$BEC = 0.1222$$

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	16.67	0.0000	P	49.6
2	☐	2.000	1.988	12305.60	0.0012	P	3.4
3	☐	50.000	49.753	326459.08	0.0311	P	8.0
4	☐	125.000	130.940	845853.71	0.0819	P	2.2
5	☐	250.000	254.202	1662204.07	0.1589	A	1.0
6	☐	500.000	498.455	3269565.04	0.3117	A	2.1
7	☐	1000.000	998.992	6504284.74	0.6246	A	0.9
8	☐			5442.84	0.0006	P	0.6

$$y = 6.2525\text{E-}004 * x + 1.6389\text{E-}006$$

$$R = 1.0000$$

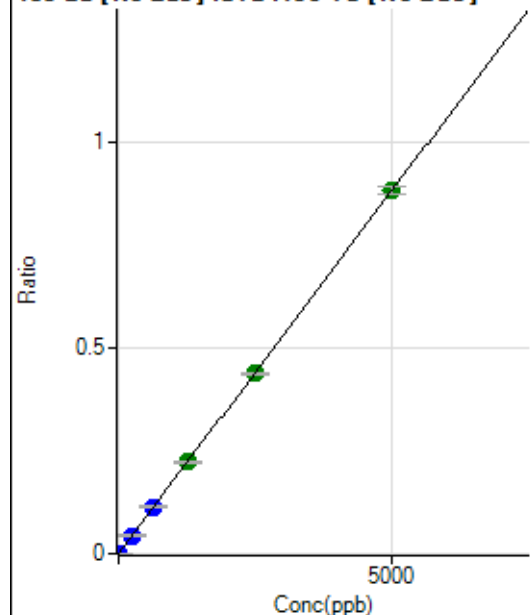
$$DL = 0.003899$$

$$BEC = 0.002621$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	27.78	0.0000	P	46.2
2	☐	10.000	9.651	16843.68	0.0017	P	3.2
3	☐	250.000	247.892	458931.34	0.0437	P	7.8
4	☐	625.000	646.966	1179095.18	0.1141	P	2.1
5	☐	1250.000	1262.629	2329024.75	0.2227	A	2.3
6	☐	2500.000	2482.355	4594089.56	0.4379	A	0.9
7	☐	5000.000	5003.026	9188408.97	0.8825	A	2.2
8	☐			5837.48	0.0006	P	8.1

$$y = 1.7640\text{E-}004 * x + 2.7393\text{E-}006$$

$$R = 1.0000$$

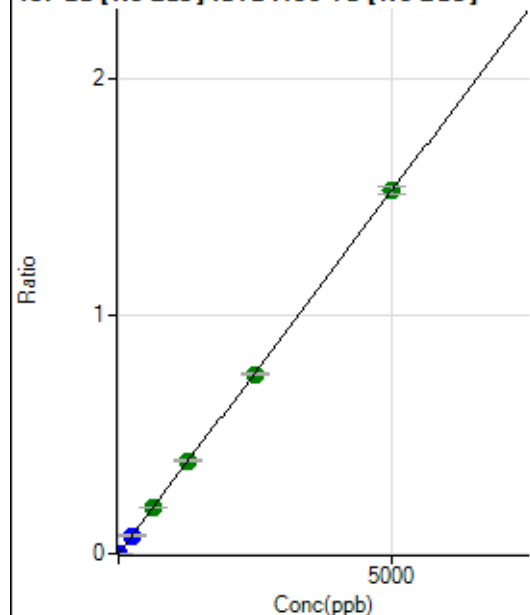
$$DL = 0.02154$$

$$BEC = 0.01553$$

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	91.67	0.0000	P	32.2
2	☐	10.000	9.932	29998.95	0.0030	P	1.1
3	☐	250.000	249.228	797212.98	0.0760	P	7.5
4	☐	625.000	642.240	2022107.97	0.1957	A	1.1
5	☐	1250.000	1282.875	4087790.59	0.3909	A	2.4
6	☐	2500.000	2472.973	7905837.24	0.7536	A	1.6
7	☐	5000.000	5003.179	15873872.75	1.5246	A	2.0
8	☐			9878.71	0.0010	P	1.0

$$y = 3.0472\text{E-}004 * x + 9.0172\text{E-}006$$

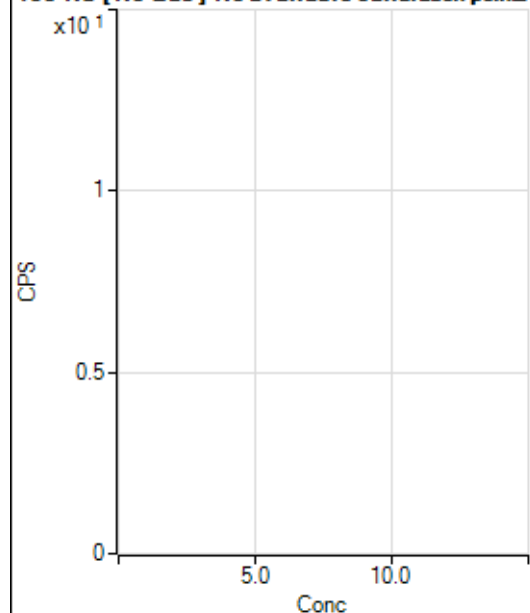
$$R = 1.0000$$

$$DL = 0.02862$$

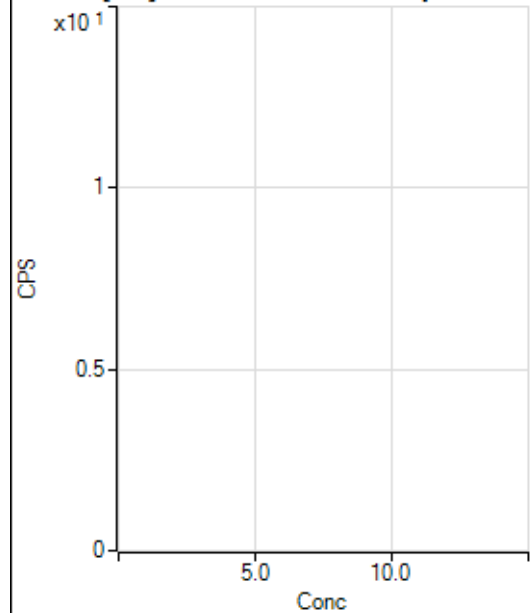
$$BEC = 0.02959$$

Weight: <None>

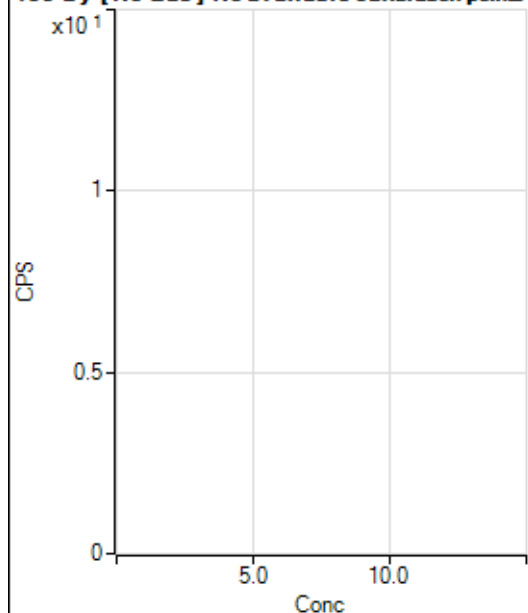
Min Conc: 0

150 Nd [No Gas] No available calibration points

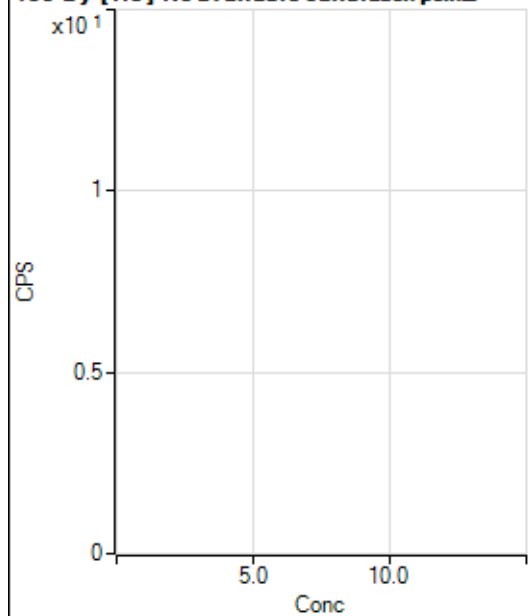
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	173.2
2	☐			13.33		P	NaN
3	☐			71.11		P	32.9
4	☐			164.45		P	8.4
5	☐			313.34		P	16.6
6	☐			546.69		P	9.8
7	☐			1277.87		P	7.9
8	☐			60.00		P	29.4

150 Nd [He] No available calibration points

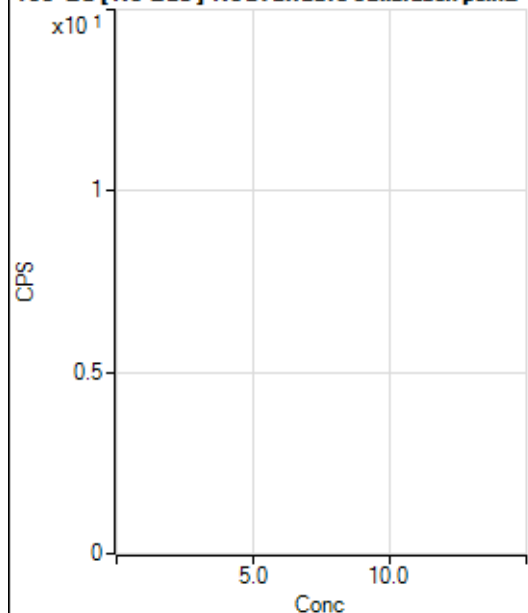
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			3.33		P	0.0
3	☐			11.11		P	45.8
4	☐			35.56		P	14.3
5	☐			45.55		P	23.5
6	☐			118.89		P	15.9
7	☐			235.56		P	9.6
8	☐			32.22		P	46.6

156 Dy [No Gas] No available calibration points

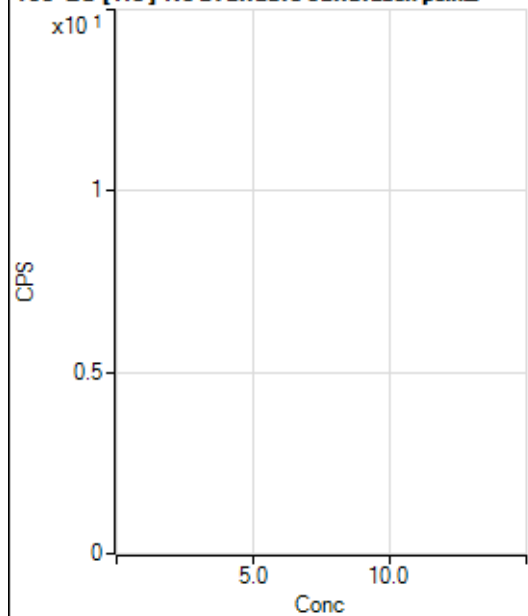
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44.44		P	21.7
2	☐			41.67		P	40.0
3	☐			69.45		P	6.9
4	☐			80.56		P	39.2
5	☐			197.23		P	8.8
6	☐			286.12		P	8.4
7	☐			633.36		P	11.7
8	☐			1572.35		P	10.8

156 Dy [He] No available calibration points

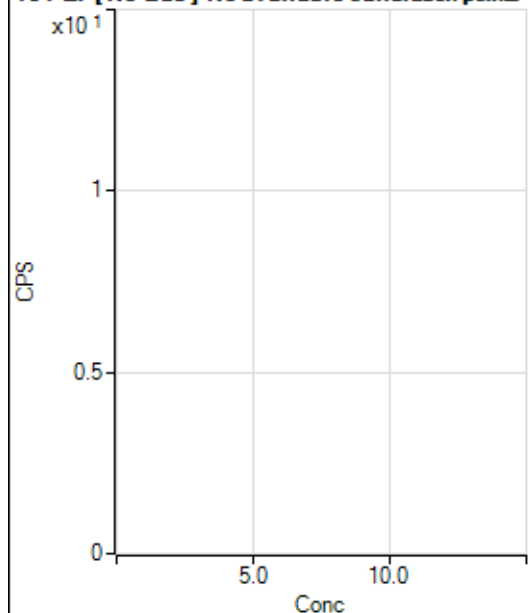
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	86.6
2	☐			2.22		P	86.6
3	☐			31.11		P	37.6
4	☐			55.56		P	45.0
5	☐			121.11		P	26.4
6	☐			213.34		P	4.7
7	☐			418.90		P	9.9
8	☐			883.37		P	1.6

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

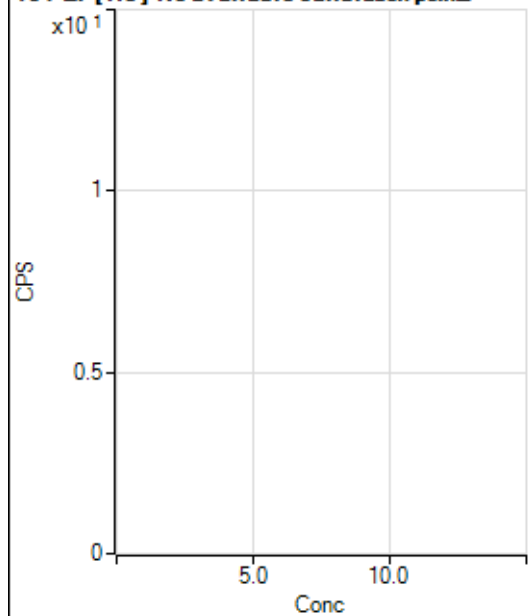
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44.44		P	39.0
2	☐			47.22		P	40.8
3	☐			58.34		P	51.5
4	☐			105.56		P	18.2
5	☐			122.23		P	10.4
6	☐			236.12		P	10.8
7	☐			377.79		P	15.0
8	☐			1572.35		P	6.0

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			245.56		P	10.4
2	☐			260.00		P	13.0
3	☐			241.12		P	6.5
4	☐			237.78		P	3.2
5	☐			276.67		P	2.1
6	☐			294.45		P	3.3
7	☐			426.68		P	10.9
8	☐			1232.29		P	4.3

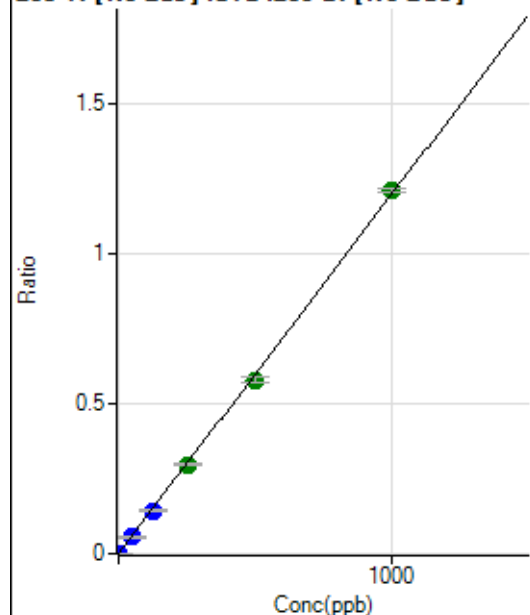
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44.44		P	39.0
2	☐			61.11		P	79.9
3	☐			58.33		P	0.0
4	☐			75.00		P	19.2
5	☐			69.45		P	18.3
6	☐			119.45		P	14.5
7	☐			172.23		P	14.0
8	☐			136.12		P	30.2

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			18.89		P	36.7
2	☐			22.22		P	22.9
3	☐			26.67		P	33.1
4	☐			40.00		P	14.4
5	☐			47.78		P	22.4
6	☐			54.44		P	17.7
7	☐			107.78		P	25.0
8	☐			65.56		P	32.7

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	86.12	0.0000	P	5.1
2	☐	1.000	0.930	6715.73	0.0011	P	1.3
3	☐	50.000	45.879	348044.93	0.0549	P	6.9
4	☐	125.000	120.173	910342.94	0.1437	P	2.0
5	☐	250.000	248.080	1871609.11	0.2966	A	2.1
6	☐	500.000	482.024	3642843.05	0.5763	A	3.3
7	☐	1000.000	1010.278	7288481.76	1.2079	A	1.2
8	☐			1933.53	0.0004	P	5.8

$$y = 0.0012 * x + 1.3807E-005$$

$$R = 0.9998$$

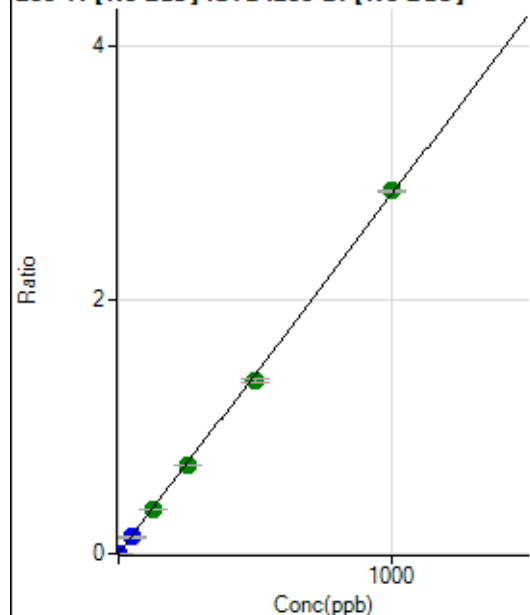
$$DL = 0.001772$$

$$BEC = 0.01155$$

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	191.67	0.0000	P	10.7
2	☐	1.000	0.933	15951.38	0.0027	P	2.9
3	☐	50.000	46.000	827006.95	0.1304	P	6.7
4	☐	125.000	123.346	2214562.03	0.3495	A	1.2
5	☐	250.000	246.262	4403561.03	0.6978	A	1.1
6	☐	500.000	481.787	8629213.21	1.3651	A	1.8
7	☐	1000.000	1010.448	17274488.93	2.8631	A	0.6
8	☐			5299.20	0.0010	P	11.3

$$y = 0.0028 * x + 3.0717E-005$$

$$R = 0.9998$$

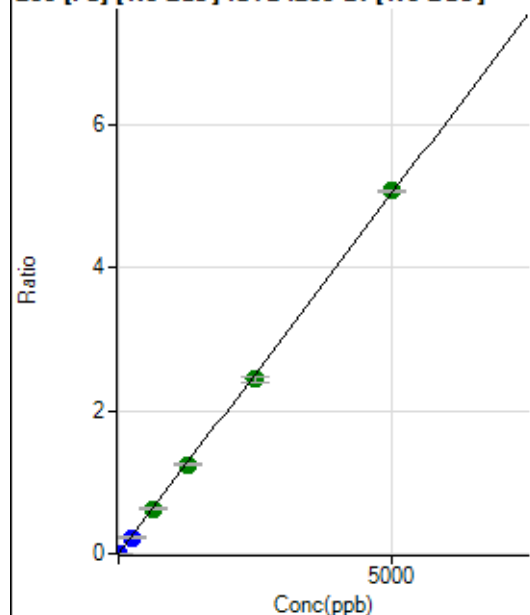
$$DL = 0.003482$$

$$BEC = 0.01084$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	301.86	0.0000	P	15.6
2	☐	1.000	0.886	5616.07	0.0009	P	2.6
3	☐	250.000	226.313	1446381.95	0.2280	P	6.3
4	☐	625.000	626.251	3996417.45	0.6308	A	1.2
5	☐	1250.000	1238.884	7873422.92	1.2478	A	1.6
6	☐	2500.000	2424.729	15435705.21	2.4421	A	3.2
7	☐	5000.000	5041.443	30635688.65	5.0775	A	0.7
8	☐			10237.44	0.0020	P	7.7

$$y = 0.0010 * x + 4.8409E-005$$

$$R = 0.9998$$

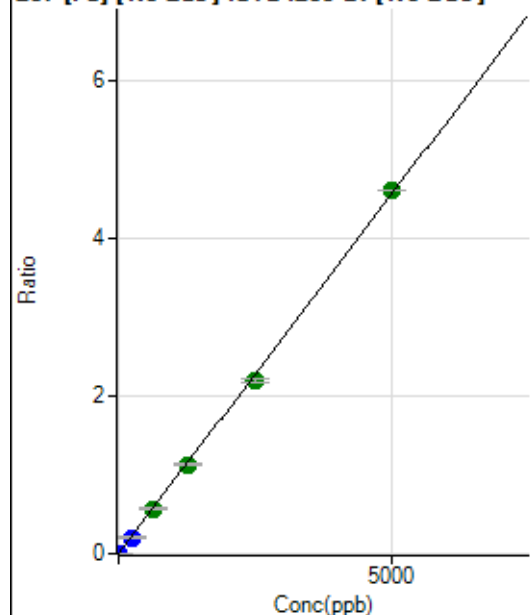
$$DL = 0.02255$$

$$BEC = 0.04807$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	212.97	0.0000	P	16.2
2	☐	1.000	0.899	5097.34	0.0009	P	2.0
3	☐	250.000	224.999	1303078.95	0.2054	P	6.9
4	☐	625.000	622.151	3597965.16	0.5680	A	2.3
5	☐	1250.000	1237.203	7126655.72	1.1294	A	1.7
6	☐	2500.000	2413.023	13924329.83	2.2028	A	1.9
7	☐	5000.000	5048.294	27804839.05	4.6085	A	0.1
8	☐			8868.93	0.0017	P	4.2

$$y = 9.1287E-004 * x + 3.4122E-005$$

$$R = 0.9998$$

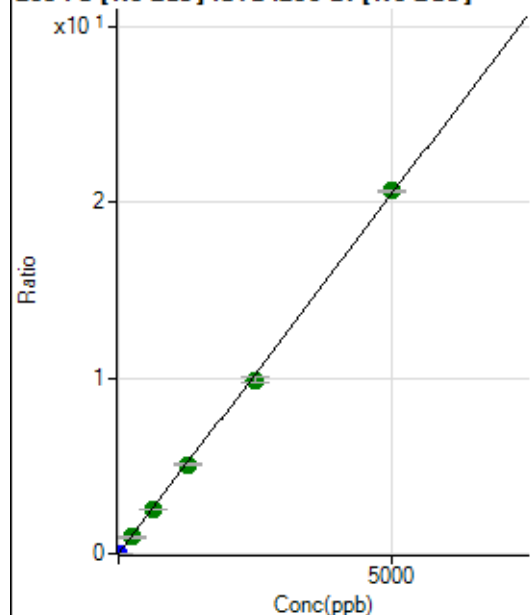
$$DL = 0.01821$$

$$BEC = 0.03738$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1129.67	0.0002	P	5.3
2	☐	1.000	0.883	22644.75	0.0038	P	0.7
3	☐	250.000	232.696	6041363.40	0.9524	A	6.9
4	☐	625.000	619.065	16049574.81	2.5335	A	2.1
5	☐	1250.000	1233.995	31863698.34	5.0498	A	1.7
6	☐	2500.000	2419.258	62577167.95	9.9000	A	2.4
7	☐	5000.000	5045.979	124584822.2	20.6488	A	0.3
8	☐			40744.37	0.0078	P	5.4

$$y = 0.0041 * x + 1.8114E-004$$

$$R = 0.9998$$

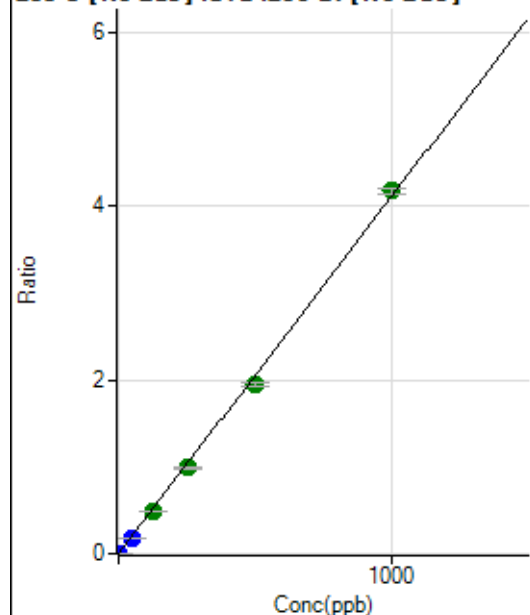
$$DL = 0.007032$$

$$BEC = 0.04427$$

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	4.96	0.0000	P	92.7
2	☐	1.000	0.872	21412.40	0.0036	P	1.9
3	☐	50.000	42.938	1120518.37	0.1767	P	7.0
4	☐	125.000	119.726	3120755.62	0.4926	A	1.2
5	☐	250.000	240.784	6250827.01	0.9906	A	3.0
6	☐	500.000	474.294	12333463.59	1.9513	A	3.2
7	☐	1000.000	1016.169	25224689.40	4.1806	A	1.3
8	☐			5320.48	0.0010	P	14.6

$$y = 0.0041 * x + 7.9328E-007$$

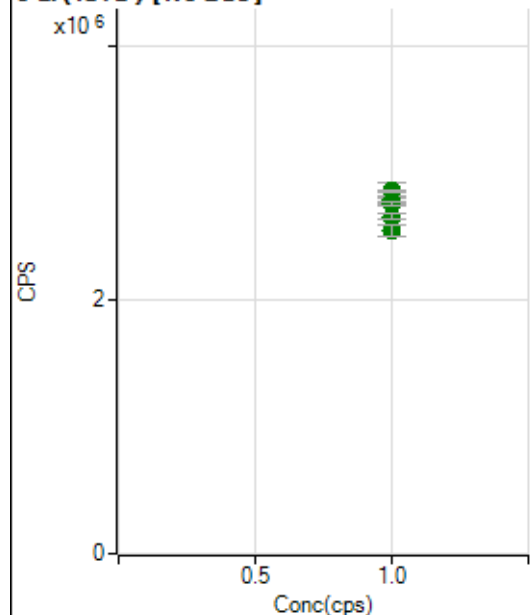
$$R = 0.9995$$

$$DL = 0.0005361$$

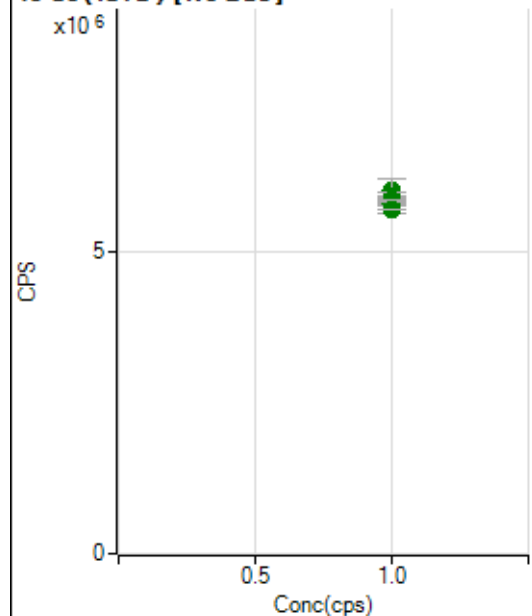
$$BEC = 0.0001928$$

Weight: <None>

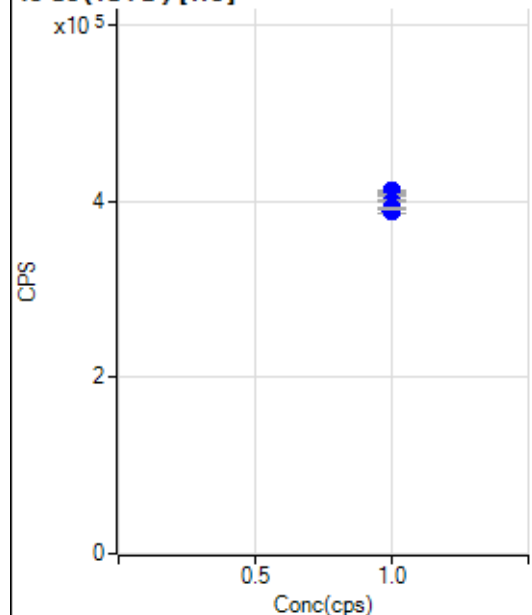
Min Conc: 0

6 Li (ISTD) [No Gas]

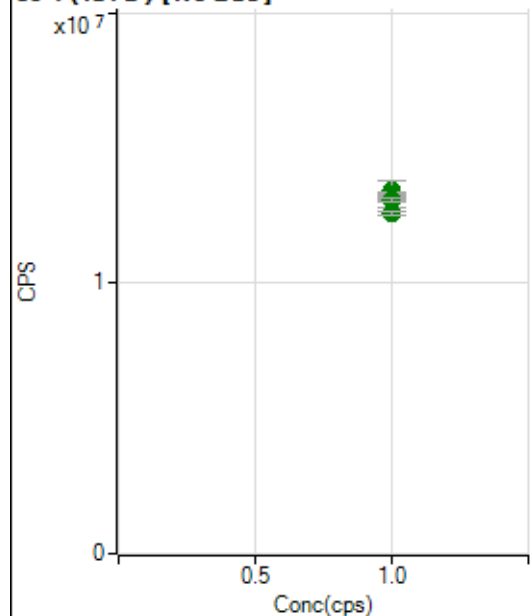
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2781229.37		A	1.6
2	☐	1.000		2658936.23		A	2.1
3	☐	1.000		2843684.85		A	5.9
4	☐	1.000		2788814.85		A	2.0
5	☐	1.000		2844388.40		A	1.5
6	☐	1.000		2860462.94		A	0.6
7	☐	1.000		2760815.62		A	0.7
8	☐	1.000		2551078.35		A	3.8

45 Sc (ISTD) [No Gas]

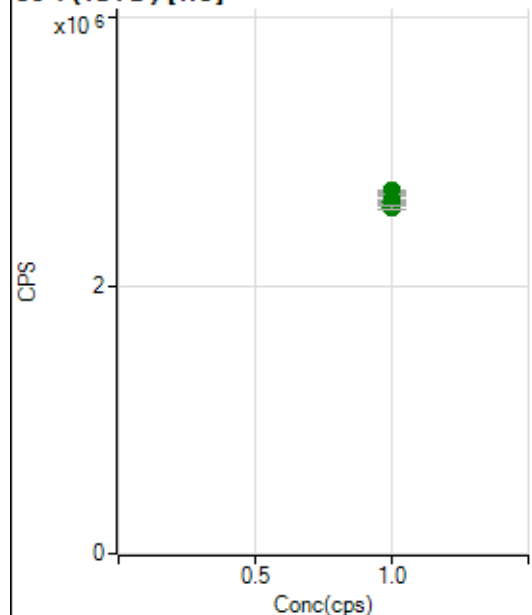
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5913613.59		A	0.3
2	☐	1.000		5701964.85		A	2.8
3	☐	1.000		6003536.72		A	6.5
4	☐	1.000		5932065.40		A	1.8
5	☐	1.000		5791420.82		A	1.5
6	☐	1.000		5868946.30		A	1.2
7	☐	1.000		5840315.68		A	0.8
8	☐	1.000		5693449.15		A	0.1

45 Sc (ISTD) [He]

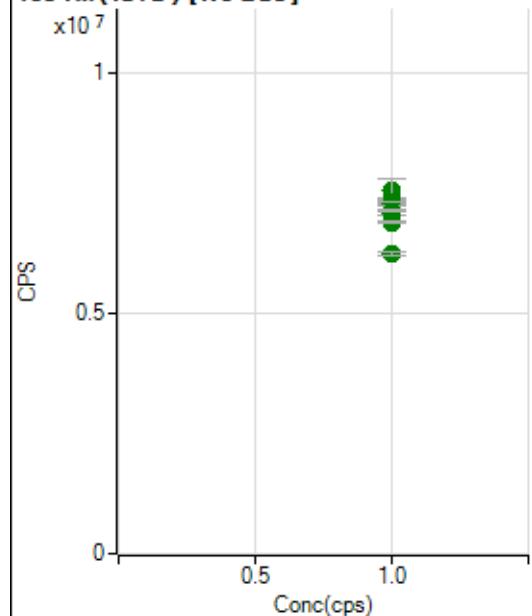
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		407789.55		P	0.6
2	☐	1.000		411749.33		P	0.7
3	☐	1.000		407150.57		P	0.6
4	☐	1.000		400351.01		P	0.6
5	☐	1.000		392920.16		P	0.1
6	☐	1.000		387910.77		P	1.1
7	☐	1.000		392271.04		P	0.4
8	☐	1.000		391417.97		P	0.4

89 Y (ISTD) [No Gas]

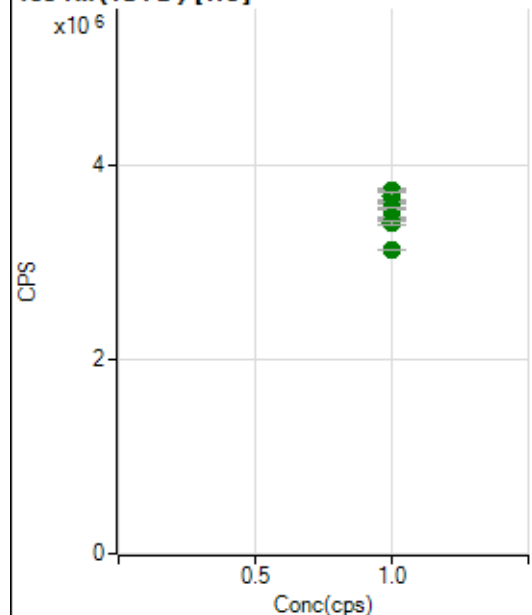
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13126440.78		A	0.9
2	☐	1.000		12641923.70		A	2.0
3	☐	1.000		13411426.88		A	5.4
4	☐	1.000		13284918.13		A	0.5
5	☐	1.000		13136249.11		A	1.0
6	☐	1.000		13305431.47		A	0.6
7	☐	1.000		13058945.08		A	0.9
8	☐	1.000		12585659.95		A	1.0

89 Y(ISTD) [He]

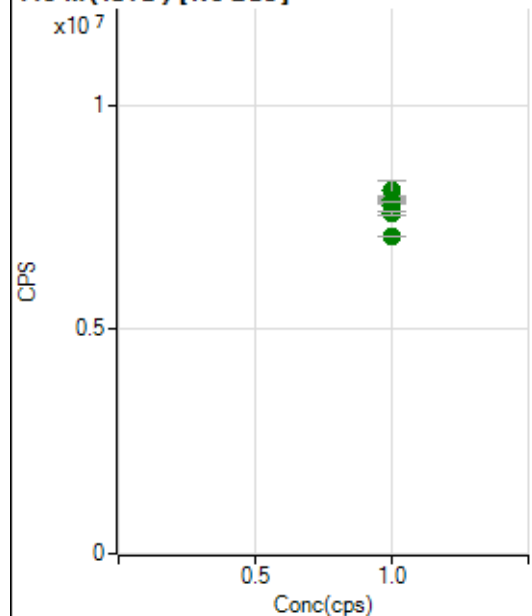
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2706909.06		A	0.3
2	☐	1.000		2708001.26		A	0.4
3	☐	1.000		2678070.78		A	0.6
4	☐	1.000		2638560.19		A	0.5
5	☐	1.000		2623638.40		A	0.8
6	☐	1.000		2589561.75		A	1.6
7	☐	1.000		2613357.23		A	0.4
8	☐	1.000		2582008.50		A	1.3

103 Rh(ISTD) [No Gas]

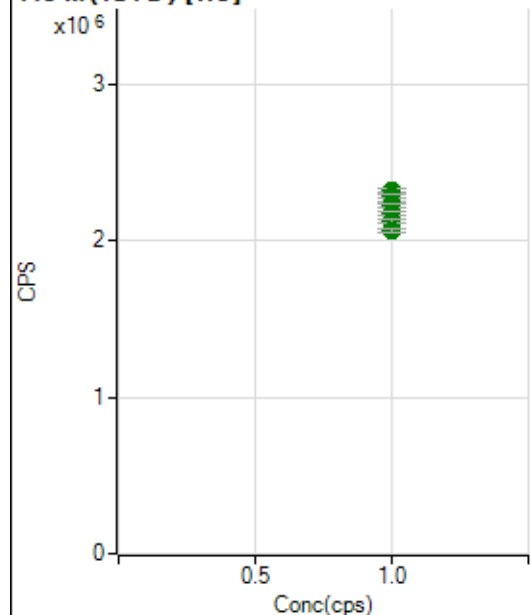
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7385596.97		A	0.5
2	☐	1.000		7101935.10		A	1.5
3	☐	1.000		7551174.96		A	6.4
4	☐	1.000		7330008.36		A	1.2
5	☐	1.000		7272045.59		A	0.9
6	☐	1.000		7140668.64		A	0.7
7	☐	1.000		6887330.59		A	0.5
8	☐	1.000		6241259.42		A	1.1

103 Rh (ISTD) [He]

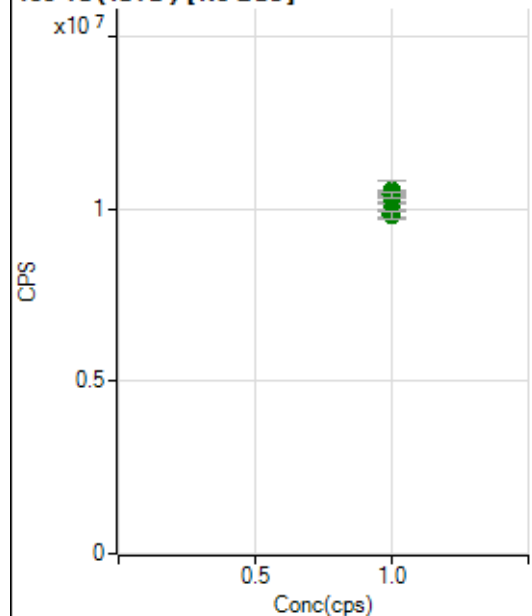
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3733143.17		A	1.0
2	☐	1.000		3727920.57		A	0.7
3	☐	1.000		3675618.94		A	2.4
4	☐	1.000		3607538.49		A	0.6
5	☐	1.000		3553517.48		A	0.5
6	☐	1.000		3453481.68		A	0.8
7	☐	1.000		3398378.73		A	0.9
8	☐	1.000		3124454.54		A	0.2

115 In (ISTD) [No Gas]

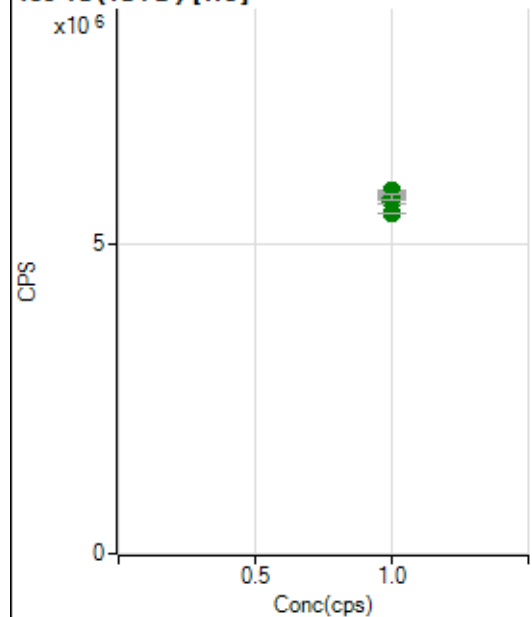
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7883080.20		A	0.3
2	☐	1.000		7760036.60		A	3.1
3	☐	1.000		8091466.46		A	5.4
4	☐	1.000		7910924.36		A	1.3
5	☐	1.000		7854726.97		A	1.7
6	☐	1.000		7849193.11		A	0.5
7	☐	1.000		7576172.09		A	1.0
8	☐	1.000		7071238.35		A	0.4

115 In (ISTD) [He]

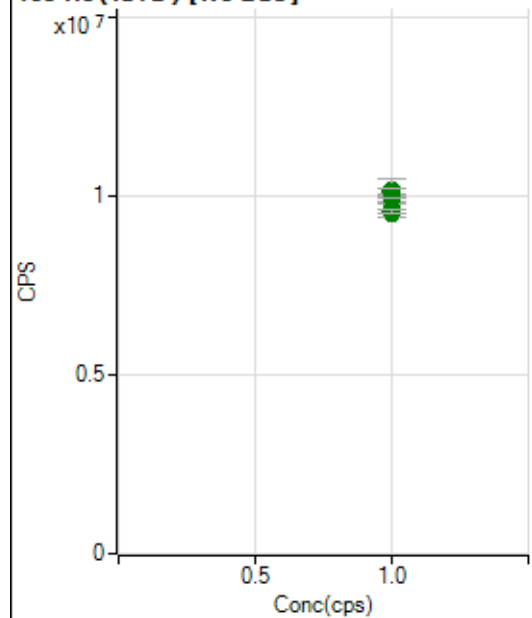
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2308314.52		A	0.6
2	☐	1.000		2321666.48		A	1.0
3	☐	1.000		2284892.87		A	1.0
4	☐	1.000		2244041.83		A	0.4
5	☐	1.000		2231333.63		A	1.2
6	☐	1.000		2176301.56		A	0.9
7	☐	1.000		2128725.22		A	1.3
8	☐	1.000		2071046.47		A	1.1

159 Tb (ISTD) [No Gas]

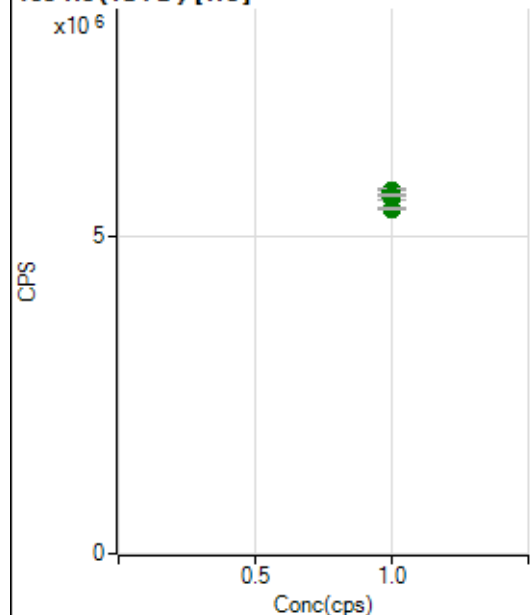
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10155828.18		A	0.5
2	☐	1.000		9882998.46		A	2.1
3	☐	1.000		10526955.54		A	5.9
4	☐	1.000		10332450.82		A	0.7
5	☐	1.000		10458826.51		A	1.3
6	☐	1.000		10491391.86		A	0.6
7	☐	1.000		10413179.50		A	1.2
8	☐	1.000		9826216.80		A	2.4

159 Tb (ISTD) [He]

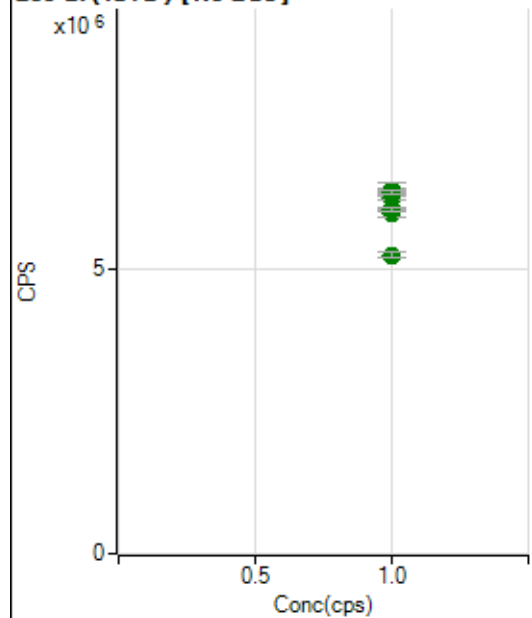
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5757528.87		A	0.5
2	☐	1.000		5846807.21		A	0.1
3	☐	1.000		5812407.69		A	0.7
4	☐	1.000		5782921.65		A	0.9
5	☐	1.000		5791434.01		A	1.1
6	☐	1.000		5668068.94		A	0.9
7	☐	1.000		5735791.37		A	1.5
8	☐	1.000		5497029.29		A	0.1

165 Ho (ISTD) [No Gas]

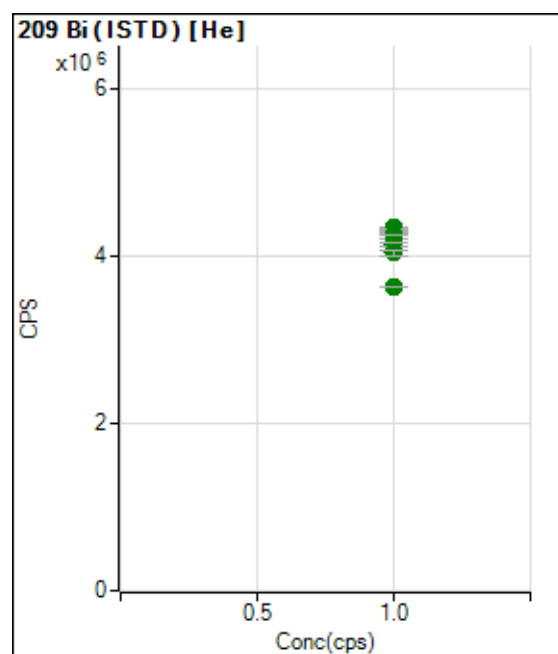
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9811560.69		A	0.4
2	☐	1.000		9516668.81		A	2.1
3	☐	1.000		10137830.34		A	6.8
4	☐	1.000		9980503.39		A	1.0
5	☐	1.000		10032100.68		A	0.8
6	☐	1.000		10121385.40		A	1.4
7	☐	1.000		9949729.36		A	0.1
8	☐	1.000		9575776.80		A	0.8

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5682978.87		A	1.8
2	☐	1.000		5709025.33		A	1.4
3	☐	1.000		5679515.82		A	1.6
4	☐	1.000		5672824.64		A	1.2
5	☐	1.000		5705968.87		A	1.2
6	☐	1.000		5613011.17		A	1.1
7	☐	1.000		5637710.68		A	0.8
8	☐	1.000		5429682.45		A	0.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6236135.39		A	0.9
2	☐	1.000		5965586.23		A	2.2
3	☐	1.000		6357046.16		A	4.7
4	☐	1.000		6336532.34		A	1.9
5	☐	1.000		6310684.00		A	1.3
6	☐	1.000		6321894.70		A	1.1
7	☐	1.000		6033454.22		A	0.7
8	☐	1.000		5232268.47		A	1.7



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4342347.37		A	0.7
2	☐	1.000		4302513.23		A	0.7
3	☐	1.000		4303491.39		A	0.8
4	☐	1.000		4256199.59		A	2.1
5	☐	1.000		4259598.93		A	0.1
6	☐	1.000		4144099.28		A	0.7
7	☐	1.000		4043681.36		A	1.6
8	☐	1.000		3627677.24		A	0.1

US EPA Tune Check Report

Operator Name Jaswal

Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP7120622 MS.b

Acq. Date-Time 2022-12-06 10:36:57

Report Comment ---

Instrument Name G8403A JP14410463

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		9198	91983.03			0.377	5.000
24		249462	2494621.37			0.568	5.000
25		34531	345309.22			0.237	5.000
26		39232	392319.26			0.223	5.000
59		68223	682225.48			0.414	5.000
113		7396	73956.62			0.615	5.000
115		93015	930148.64			0.617	5.000
206		21007	210074.79			0.768	5.000
207		19206	192063.03			1.000	5.000
208		44647	446466.19			0.568	5.000
220		0	3.30			55.256	

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

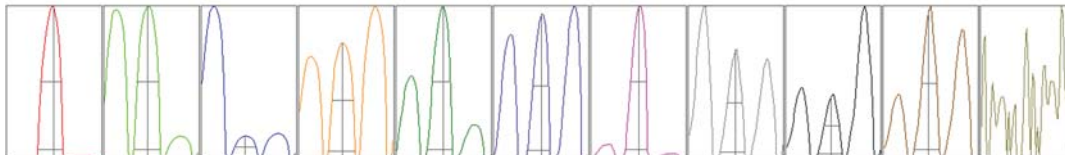
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	9191	9239	9218	9146	9197
24	248820	250103	247669	249269	251449
25	34448	34636	34541	34451	34579
26	39150	39292	39152	39216	39350
59	67876	68333	67997	68331	68576
113	7318	7422	7404	7402	7433
115	93294	93697	92979	92137	92968
206	20796	21066	20895	21075	21204
207	18948	19287	19104	19234	19458
208	44243	44735	44633	44683	44938

US EPA Tune Check Report

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
220	0	1	0	1	0

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	15728.91	9.00	8.90 - 9.10	
24	395709.24	23.90	23.90 - 24.10	
25	54157.24	24.90	24.90 - 25.10	
26	61331.14	25.90	25.90 - 26.10	
59	125736.83	59.00	58.90 - 59.10	
113	15357.08	113.05	112.90 - 113.10	
115	192441.79	115.05	114.90 - 115.10	
206	44133.60	206.00	205.90 - 206.10	
207	39000.48	206.95	206.90 - 207.10	
208	93615.23	207.95	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.63	0.789	0.900	
24	0.68	0.836	0.900	
25	0.67	0.834	0.900	
26	0.68	0.838	0.900	
59	0.56	0.804	0.900	
113	0.49	0.714	0.900	
115	0.49	0.706	0.900	
206	0.47	0.780	0.900	
207	0.49	0.773	0.900	
208	0.48	0.803	0.900	
220				

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.78 L/min Dilution Gas 0.40 L/min

US EPA Tune Check Report

RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	9.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	8.7 V	Deflect	14.8 V
Extract 2	-115.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-70 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	200 V		

QP Parameters

Mass Gain	123	Axis Gain	1.0002	QP Bias	-3.0 V
Mass Offset	124	Axis Offset	-0.01		

Hardware Settings

Torch

Torch H	-0.4 mm	Torch V	0.8 mm
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EM

Discriminator	3.1 mV	Analog HV	2240 V	Pulse HV	1473 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		19279	192791.31			0.392	
89		64670	646701.92			0.278	
205		18999	189988.99			0.383	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	19305	19383	19197	19213	19298
89	64810	64836	64516	64442	64747
205	19076	18987	19012	18883	19037

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.78 L/min	Dilution Gas	0.40 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	9.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	9.4 V	Deflect	3.2 V
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US EPA Tune Check Report

Extract 2	-145.0 V	Cell Entrance	-40 V	Plate Bias	-60 V
Omega Bias	-85 V	Cell Exit	-60 V		

Cell Parameters

Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	3.9 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		

QP Parameters

Mass Gain	123	Axis Gain	1.0002	QP Bias	-13.0 V
Mass Offset	124	Axis Offset	-0.01		

Hardware Settings

Torch

Torch H	-0.4 mm	Torch V	0.8 mm
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EM

Discriminator	3.1 mV	Analog HV	2240 V	Pulse HV	1473 V
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LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 11:33:07	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.13	-0.14	0.01	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.01	0.00	0.00	0.00	N/A	ppb
Barium	135-1	0.01	0.00	-0.01	0.00	N/A	ppb
Barium	137-1	0.00	-0.01	0.01	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.01	0.06	-0.06	0.00	N/A	ppb
Boron	11-1	0.05	-0.01	-0.03	0.00	N/A	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.02	0.02	-0.03	0.00	N/A	ppb
Cadmium	106-1	0.96	0.56	-1.52	0.00	N/A	ppb
Cadmium	108-1	0.06	-0.03	-0.03	0.00	N/A	ppb
Calcium	43-1	-0.63	0.67	-0.04	0.00	N/A	ppb
Calcium	44-1	-0.29	2.92	-2.63	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	-0.01	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.03	0.01	-0.05	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.14	-0.09	-0.05	0.00	N/A	ppb
Iron	57-2	0.32	-0.39	0.07	0.00	N/A	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 11:33:07	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-0.23	0.27	-0.04	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	-0.01	0.01	0.00	0.00	N/A	ppb
Lead	207-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.21	0.26	-0.06	0.00	N/A	ppb
Manganese	55-2	0.00	0.02	-0.03	0.00	N/A	ppb
Molybdenum	94-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.01	-0.01	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.01	-0.05	0.00	N/A	ppb
Phosphorus	31-2	-15.43	-7.70	-12.08	-11.74		ppb
Potassium	39-2	-0.75	1.72	-0.96	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.02	-0.32	0.35	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.05	-0.10	0.14	0.00	N/A	ppb
Silicon	28-1	-0.06	0.10	-0.04	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.43	-1.98	2.41	0.00	N/A	ppb
Strontium	86-1	-0.01	0.00	0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-98.58	-193.93	-196.97	-163.16		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

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 11:33:07	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	-0.02	0.04	-0.03	0.00	N/A	ppb
Titanium	47-1	0.01	-0.03	0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.09	-0.08	0.18	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.01	-0.01	0.00	0.00	N/A	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 11:35:58	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.94	19.30	18.73	18.99	1.52	ppb
Antimony	121-1	1.91	2.04	2.01	1.99	3.36	ppb
Arsenic	75-2	1.19	0.93	1.09	1.07	12.10	ppb
Barium	135-1	9.80	9.86	9.29	9.65	3.24	ppb
Barium	137-1	9.86	10.05	9.88	9.93	1.06	ppb
Beryllium	9-1	1.05	1.19	1.08	1.11	6.90	ppb
Bismuth	209-1				96		%
Bismuth	209-2				99		%
Boron	10-1	6.91	7.37	7.09	7.12	3.28	ppb
Boron	11-1	7.10	7.55	7.78	7.48	4.60	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.15	1.16	1.21	1.17	2.56	ppb
Cadmium	106-1	1.09	1.33	1.60	1.34	19.25	ppb
Cadmium	108-1	1.07	0.88	0.87	0.94	11.85	ppb
Calcium	43-1	511.85	556.33	513.44	527.21	4.79	ppb
Calcium	44-1	547.53	553.30	523.76	541.53	2.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.84	1.96	2.02	1.94	4.57	ppb
Cobalt	59-2	0.96	1.03	1.01	1.00	3.14	ppb
Copper	63-2	2.03	2.00	2.04	2.02	1.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				101		%
Iron	56-2	52.14	51.93	51.93	52.00	0.23	ppb
Iron	57-2	52.21	54.96	49.97	52.38	4.77	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 11:35:58	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	54.30	55.62	51.82	53.91	3.58	ppb
Krypton	83-1						cps
Lead	206-1	0.86	0.88	0.91	0.89	2.76	ppb
Lead	207-1	0.88	0.92	0.90	0.90	2.09	ppb
Lead	208-1	0.89	0.89	0.88	0.88	0.72	ppb
Lithium	6-1				96		%
Magnesium	24-2	482.63	484.21	483.19	483.34	0.17	ppb
Manganese	55-2	1.01	1.03	1.14	1.06	6.41	ppb
Molybdenum	94-1	6.02	6.23	6.03	6.09	1.92	ppb
Molybdenum	95-1	5.20	5.28	5.21	5.23	0.83	ppb
Molybdenum	96-1	5.09	5.35	5.17	5.21	2.50	ppb
Molybdenum	97-1	5.16	5.28	5.26	5.24	1.17	ppb
Molybdenum	98-1	5.21	5.14	5.12	5.15	0.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.06	1.00	1.08	1.04	4.10	ppb
Phosphorus	31-2	29.72	-3.55	9.04	11.74	143.12	ppb
Potassium	39-2	507.79	503.61	507.53	506.31	0.46	ppb
Rhodium	103-1				96		%
Rhodium	103-2				100		%
Scandium	45-1				96		%
Scandium	45-2				101		%
Selenium	82-1	5.41	5.04	4.89	5.11	5.21	ppb
Selenium	77-2	4.50	1.61	5.12	3.74	49.98	ppb
Selenium	78-2	3.84	5.33	4.92	4.70	16.48	ppb
Silicon	28-1	1.08	1.19	0.29	0.85	57.48	ppb
Silver	107-1	1.00	1.05	1.01	1.02	2.60	ppb
Silver	109-1	1.01	1.06	1.03	1.03	2.49	ppb
Sodium	23-2	477.14	479.32	484.16	480.21	0.75	ppb
Strontium	86-1	0.90	0.96	1.00	0.95	5.00	ppb
Strontium	88-1	0.98	1.02	0.98	0.99	2.44	ppb
Sulfur	34-1	259.84	271.57	-41.93	163.16	108.92	ppb
Terbium	159-1				97		%
Terbium	159-2				102		%
Thallium	203-1	0.92	0.94	0.93	0.93	1.28	ppb
Thallium	205-1	0.93	0.96	0.91	0.93	2.91	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 11:35:58	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	5.14	5.02	5.01	5.06	1.45	ppb
Titanium	47-1	4.90	5.05	4.80	4.92	2.52	ppb
Uranium	238-1	0.86	0.89	0.87	0.87	1.90	ppb
Vanadium	51-2	4.64	4.74	4.68	4.69	1.07	ppb
Yttrium	89-1				96		%
Yttrium	89-2				100		%
Zinc	66-2	2.17	2.33	2.48	2.33	6.73	ppb
Zirconium	90-1	0.91	0.94	0.94	0.93	2.08	ppb
Zirconium	91-1	0.91	0.98	0.90	0.93	4.57	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 11:38:51	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1103.26	1092.28	1095.98	1097.17	0.51	ppb
Antimony	121-1	45.15	51.97	52.14	49.75	8.02	ppb
Arsenic	75-2	51.38	50.00	50.66	50.68	1.36	ppb
Barium	135-1	225.47	257.86	260.35	247.89	7.85	ppb
Barium	137-1	227.63	260.98	259.08	249.23	7.51	ppb
Beryllium	9-1	47.04	53.06	53.18	51.09	6.87	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	10-1	47.53	59.17	59.97	55.56	12.53	ppb
Boron	11-1	51.16	63.08	62.39	58.88	11.37	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	47.71	54.24	54.66	52.20	7.46	ppb
Cadmium	106-1	45.28	51.06	52.49	49.61	7.70	ppb
Cadmium	108-1	46.93	54.04	55.89	52.29	9.05	ppb
Calcium	43-1	5620.33	6536.14	6366.99	6174.49	7.89	ppb
Calcium	44-1	4981.83	5842.20	5763.02	5529.02	8.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.45	50.95	51.52	51.31	0.61	ppb
Cobalt	59-2	51.76	51.53	52.45	51.91	0.92	ppb
Copper	63-2	515.89	518.20	519.20	517.76	0.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	2671.20	2667.74	2684.20	2674.38	0.32	ppb
Iron	57-2	2809.94	2784.36	2807.72	2800.67	0.51	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 11:38:51	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2856.66	2864.25	2886.33	2869.08	0.54	ppb
Krypton	83-1						cps
Lead	206-1	209.81	236.00	233.12	226.31	6.35	ppb
Lead	207-1	207.43	237.09	230.48	225.00	6.92	ppb
Lead	208-1	214.76	245.36	237.97	232.70	6.86	ppb
Lithium	6-1				102		%
Magnesium	24-2	5274.10	5197.18	5236.78	5236.02	0.73	ppb
Manganese	55-2	513.44	507.16	515.02	511.87	0.81	ppb
Molybdenum	94-1	489.16	566.02	549.04	534.74	7.55	ppb
Molybdenum	95-1	492.05	574.49	553.68	540.07	7.94	ppb
Molybdenum	96-1	497.21	575.95	554.93	542.69	7.51	ppb
Molybdenum	97-1	510.12	591.38	577.35	559.62	7.76	ppb
Molybdenum	98-1	495.41	566.23	552.74	538.13	6.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.64	51.97	52.55	52.72	1.61	ppb
Phosphorus	31-2	1009.12	978.38	1023.57	1003.69	2.30	ppb
Potassium	39-2	2764.18	2736.89	2776.29	2759.12	0.73	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	46.74	51.64	52.28	50.22	6.04	ppb
Selenium	77-2	56.20	48.76	49.02	51.33	8.22	ppb
Selenium	78-2	51.63	50.96	52.46	51.68	1.45	ppb
Silicon	28-1	54.73	64.71	63.04	60.83	8.78	ppb
Silver	107-1	47.72	54.91	56.40	53.01	8.75	ppb
Silver	109-1	47.93	55.09	55.31	52.77	7.96	ppb
Sodium	23-2	5117.02	5135.79	5171.13	5141.31	0.53	ppb
Strontium	86-1	1118.00	1293.43	1265.27	1225.57	7.69	ppb
Strontium	88-1	1132.53	1289.45	1262.68	1228.22	6.83	ppb
Sulfur	34-1	186.52	1074.00	1009.21	756.58	65.39	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	42.31	48.31	47.02	45.88	6.89	ppb
Thallium	205-1	42.46	48.14	47.39	46.00	6.71	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 11:38:51	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	46.04	52.44	52.09	50.19	7.18	ppb
Titanium	47-1	511.18	594.56	581.36	562.37	7.97	ppb
Uranium	238-1	39.51	45.05	44.26	42.94	6.98	ppb
Vanadium	51-2	50.44	49.31	50.18	49.98	1.18	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	530.10	520.53	530.39	527.01	1.07	ppb
Zirconium	90-1	45.97	52.81	51.55	50.11	7.27	ppb
Zirconium	91-1	45.83	52.18	51.90	49.97	7.19	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 11:41:36	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2707.86	2751.37	2738.21	2732.48	0.82	ppb
Antimony	121-1	127.62	132.68	132.52	130.94	2.20	ppb
Arsenic	75-2	129.94	131.92	128.61	130.16	1.28	ppb
Barium	135-1	631.24	656.98	652.67	646.97	2.13	ppb
Barium	137-1	635.45	649.78	641.48	642.24	1.12	ppb
Beryllium	9-1	136.41	135.08	134.34	135.28	0.77	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	148.23	154.33	159.93	154.16	3.80	ppb
Boron	11-1	154.82	161.55	164.54	160.30	3.11	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	133.26	138.67	137.32	136.42	2.06	ppb
Cadmium	106-1	135.02	141.57	138.44	138.34	2.37	ppb
Cadmium	108-1	129.91	131.65	137.10	132.89	2.82	ppb
Calcium	43-1	15445.26	15873.38	16259.74	15859.46	2.57	ppb
Calcium	44-1	13748.75	13889.48	14473.25	14037.16	2.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	132.14	131.97	130.86	131.66	0.53	ppb
Cobalt	59-2	132.45	133.39	131.60	132.48	0.68	ppb
Copper	63-2	1308.30	1358.42	1307.85	1324.86	2.19	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				100		%
Indium	115-2				97		%
Iron	56-2	6854.33	7003.44	6833.95	6897.24	1.34	ppb
Iron	57-2	7145.96	7167.74	7112.89	7142.20	0.39	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 11:41:36	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	7320.54	7427.72	7263.33	7337.20	1.14	ppb
Krypton	83-1						cps
Lead	206-1	619.04	626.16	633.55	626.25	1.16	ppb
Lead	207-1	616.22	611.94	638.30	622.15	2.27	ppb
Lead	208-1	607.92	616.29	632.98	619.06	2.06	ppb
Lithium	6-1				100		%
Magnesium	24-2	13095.49	13166.34	13055.60	13105.81	0.43	ppb
Manganese	55-2	1272.07	1290.42	1271.21	1277.90	0.85	ppb
Molybdenum	94-1	1383.78	1409.05	1405.84	1399.56	0.98	ppb
Molybdenum	95-1	1362.34	1412.65	1392.93	1389.31	1.82	ppb
Molybdenum	96-1	1366.54	1412.39	1372.19	1383.71	1.81	ppb
Molybdenum	97-1	1378.32	1435.41	1382.80	1398.84	2.27	ppb
Molybdenum	98-1	1375.64	1407.49	1394.90	1392.68	1.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	132.98	134.77	132.94	133.56	0.78	ppb
Phosphorus	31-2	2556.86	2571.56	2510.01	2546.14	1.26	ppb
Potassium	39-2	6511.66	6538.74	6495.69	6515.36	0.33	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	128.97	133.16	131.87	131.33	1.63	ppb
Selenium	77-2	118.12	134.66	146.07	132.95	10.57	ppb
Selenium	78-2	135.77	135.58	128.00	133.12	3.33	ppb
Silicon	28-1	157.43	161.39	163.41	160.74	1.89	ppb
Silver	107-1	134.73	139.59	139.40	137.91	2.00	ppb
Silver	109-1	135.24	139.22	137.78	137.42	1.47	ppb
Sodium	23-2	13148.78	13288.10	13011.04	13149.30	1.05	ppb
Strontium	86-1	3095.18	3216.70	3194.07	3168.65	2.04	ppb
Strontium	88-1	3134.82	3205.52	3204.62	3181.65	1.27	ppb
Sulfur	34-1	2147.49	2312.35	2468.24	2309.36	6.95	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	117.98	119.78	122.76	120.17	2.01	ppb
Thallium	205-1	121.65	123.80	124.59	123.35	1.23	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 11:41:36	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	126.69	133.32	132.41	130.81	2.75	ppb
Titanium	47-1	1375.30	1405.45	1438.96	1406.57	2.26	ppb
Uranium	238-1	118.27	119.70	121.21	119.73	1.23	ppb
Vanadium	51-2	129.15	129.32	128.36	128.94	0.40	ppb
Yttrium	89-1				101		%
Yttrium	89-2				97		%
Zinc	66-2	1345.25	1366.28	1345.93	1352.49	0.88	ppb
Zirconium	90-1	127.19	128.29	127.15	127.54	0.51	ppb
Zirconium	91-1	128.46	131.67	131.68	130.61	1.42	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 11:44:22	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5386.22	5384.23	5402.73	5391.06	0.19	ppb
Antimony	121-1	253.24	257.17	252.20	254.20	1.03	ppb
Arsenic	75-2	255.89	259.48	252.56	255.98	1.35	ppb
Barium	135-1	1260.14	1293.20	1234.55	1262.63	2.33	ppb
Barium	137-1	1274.02	1317.67	1256.94	1282.88	2.44	ppb
Beryllium	9-1	250.09	265.91	265.77	260.59	3.49	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	256.93	284.28	289.50	276.91	6.32	ppb
Boron	11-1	252.69	279.76	286.88	273.11	6.60	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	259.80	270.39	260.81	263.67	2.22	ppb
Cadmium	106-1	259.07	263.60	263.92	262.20	1.03	ppb
Cadmium	108-1	256.03	263.20	256.54	258.59	1.55	ppb
Calcium	43-1	30900.79	32553.59	32342.41	31932.27	2.82	ppb
Calcium	44-1	27499.89	28682.01	28233.49	28138.46	2.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	259.71	263.14	262.05	261.64	0.67	ppb
Cobalt	59-2	262.93	264.08	262.30	263.10	0.34	ppb
Copper	63-2	2633.40	2597.04	2595.64	2608.69	0.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	13690.06	13642.84	13565.75	13632.88	0.46	ppb
Iron	57-2	14209.76	14197.21	14098.24	14168.40	0.43	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 11:44:22	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	13677.08	13851.54	13832.13	13786.92	0.69	ppb
Krypton	83-1						cps
Lead	206-1	1220.45	1260.41	1235.80	1238.88	1.63	ppb
Lead	207-1	1219.03	1260.37	1232.22	1237.20	1.71	ppb
Lead	208-1	1215.65	1257.62	1228.71	1234.00	1.74	ppb
Lithium	6-1				102		%
Magnesium	24-2	26508.28	26344.39	26094.82	26315.83	0.79	ppb
Manganese	55-2	2504.93	2546.17	2493.59	2514.90	1.10	ppb
Molybdenum	94-1	2671.11	2792.53	2846.23	2769.96	3.24	ppb
Molybdenum	95-1	2703.85	2800.73	2809.16	2771.24	2.11	ppb
Molybdenum	96-1	2699.49	2787.84	2797.14	2761.49	1.95	ppb
Molybdenum	97-1	2705.77	2825.93	2871.60	2801.10	3.06	ppb
Molybdenum	98-1	2711.03	2845.72	2842.26	2799.67	2.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	264.46	265.35	263.34	264.38	0.38	ppb
Phosphorus	31-2	5178.72	5046.98	5199.08	5141.59	1.61	ppb
Potassium	39-2	12892.09	12857.35	12715.13	12821.52	0.73	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	82-1	253.81	256.36	265.27	258.48	2.33	ppb
Selenium	77-2	254.47	262.24	255.16	257.29	1.67	ppb
Selenium	78-2	259.91	255.11	254.60	256.54	1.14	ppb
Silicon	28-1	286.81	300.11	301.26	296.06	2.71	ppb
Silver	107-1	260.90	273.87	256.92	263.90	3.36	ppb
Silver	109-1	256.11	261.84	258.80	258.92	1.11	ppb
Sodium	23-2	26267.23	26114.73	26078.47	26153.48	0.38	ppb
Strontium	86-1	6178.70	6334.81	6263.02	6258.84	1.25	ppb
Strontium	88-1	6231.93	6376.29	6401.64	6336.62	1.44	ppb
Sulfur	34-1	4826.35	5039.95	5030.07	4965.46	2.43	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	244.26	254.16	245.82	248.08	2.15	ppb
Thallium	205-1	243.25	247.06	248.48	246.26	1.10	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 11:44:22	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	252.81	261.92	256.52	257.08	1.78	ppb
Titanium	47-1	2718.81	2881.94	2862.87	2821.21	3.16	ppb
Uranium	238-1	232.32	245.33	244.70	240.78	3.05	ppb
Vanadium	51-2	256.53	255.18	256.95	256.22	0.36	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	2635.27	2658.61	2677.90	2657.26	0.80	ppb
Zirconium	90-1	246.01	249.34	256.18	250.51	2.07	ppb
Zirconium	91-1	251.81	261.54	264.36	259.24	2.54	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 11:47:06	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10146.63	10375.95	10643.70	10388.76	2.39	ppb
Antimony	121-1	488.82	496.58	509.96	498.45	2.15	ppb
Arsenic	75-2	502.12	504.76	511.38	506.08	0.94	ppb
Barium	135-1	2457.82	2500.88	2488.36	2482.35	0.89	ppb
Barium	137-1	2429.41	2482.82	2506.69	2472.97	1.60	ppb
Beryllium	9-1	486.21	505.19	509.52	500.31	2.48	ppb
Bismuth	209-1				101		%
Bismuth	209-2				95		%
Boron	10-1	351.92	381.23	390.75	374.63	5.40	ppb
Boron	11-1	347.76	374.26	396.33	372.78	6.52	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	492.69	510.81	515.97	506.49	2.41	ppb
Cadmium	106-1	497.52	495.40	512.10	501.67	1.81	ppb
Cadmium	108-1	488.96	503.79	515.76	502.84	2.67	ppb
Calcium	43-1	55486.11	56747.93	58556.53	56930.19	2.71	ppb
Calcium	44-1	52412.50	54808.36	55996.33	54405.73	3.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	489.62	498.40	504.66	497.56	1.52	ppb
Cobalt	59-2	511.60	507.46	514.78	511.28	0.72	ppb
Copper	63-2	5161.36	5099.06	5164.00	5141.47	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				99		%
Indium	115-1				100		%
Indium	115-2				94		%
Iron	56-2	27077.44	27275.10	27020.12	27124.22	0.49	ppb
Iron	57-2	26829.06	26825.83	27102.24	26919.04	0.59	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 11:47:06	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	26833.78	27246.90	27268.39	27116.36	0.90	ppb
Krypton	83-1						cps
Lead	206-1	2335.72	2464.75	2473.72	2424.73	3.18	ppb
Lead	207-1	2359.22	2436.27	2443.58	2413.02	1.94	ppb
Lead	208-1	2353.66	2439.44	2464.68	2419.26	2.41	ppb
Lithium	6-1				103		%
Magnesium	24-2	50832.58	51131.43	51667.45	51210.49	0.83	ppb
Manganese	55-2	5000.35	5071.77	5013.33	5028.48	0.76	ppb
Molybdenum	94-1	5092.71	5287.98	5377.04	5252.58	2.77	ppb
Molybdenum	95-1	5174.55	5357.33	5434.23	5322.03	2.51	ppb
Molybdenum	96-1	5153.32	5425.14	5407.03	5328.50	2.85	ppb
Molybdenum	97-1	5160.51	5443.81	5418.52	5340.95	2.94	ppb
Molybdenum	98-1	5157.57	5357.13	5401.25	5305.31	2.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	508.82	507.94	516.96	511.24	0.97	ppb
Phosphorus	31-2	10179.55	9852.85	10155.19	10062.53	1.81	ppb
Potassium	39-2	25192.77	25360.85	26081.21	25544.94	1.85	ppb
Rhodium	103-1				97		%
Rhodium	103-2				93		%
Scandium	45-1				99		%
Scandium	45-2				95		%
Selenium	82-1	482.98	502.93	505.83	497.24	2.50	ppb
Selenium	77-2	527.45	511.75	522.78	520.66	1.55	ppb
Selenium	78-2	510.19	516.24	507.93	511.45	0.84	ppb
Silicon	28-1	359.26	368.38	375.19	367.61	2.17	ppb
Silver	107-1	504.07	502.63	507.58	504.76	0.50	ppb
Silver	109-1	493.79	501.49	515.97	503.75	2.24	ppb
Sodium	23-2	52116.41	51411.88	52995.11	52174.47	1.52	ppb
Strontium	86-1	11688.71	12500.70	12464.52	12217.98	3.75	ppb
Strontium	88-1	11766.46	12524.87	12612.19	12301.17	3.78	ppb
Sulfur	34-1	9077.43	9585.31	9706.07	9456.27	3.53	ppb
Terbium	159-1				103		%
Terbium	159-2				98		%
Thallium	203-1	463.52	489.83	492.73	482.02	3.34	ppb
Thallium	205-1	472.37	483.48	489.51	481.79	1.80	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 11:47:06	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	478.12	500.80	502.77	493.90	2.77	ppb
Titanium	47-1	5163.54	5400.68	5484.45	5349.56	3.11	ppb
Uranium	238-1	456.78	481.99	484.12	474.29	3.21	ppb
Vanadium	51-2	506.08	508.46	514.41	509.65	0.84	ppb
Yttrium	89-1				101		%
Yttrium	89-2				96		%
Zinc	66-2	5059.01	5142.05	5153.71	5118.26	1.01	ppb
Zirconium	90-1	463.44	489.67	484.50	479.20	2.90	ppb
Zirconium	91-1	458.76	482.80	495.28	478.95	3.88	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 11:49:52	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20848.61	20609.34	20531.19	20663.05	0.80	ppb
Antimony	121-1	991.11	1008.94	996.93	998.99	0.91	ppb
Arsenic	75-2	995.92	997.13	991.30	994.78	0.31	ppb
Barium	135-1	5039.11	5092.20	4877.76	5003.03	2.23	ppb
Barium	137-1	4988.64	5108.85	4912.04	5003.18	1.98	ppb
Beryllium	9-1	994.57	993.96	999.05	995.86	0.28	ppb
Bismuth	209-1				97		%
Bismuth	209-2				93		%
Boron	10-1	1011.44	1076.37	1069.63	1052.48	3.39	ppb
Boron	11-1	1009.47	1070.43	1080.34	1053.41	3.64	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	995.40	1002.04	977.96	991.80	1.25	ppb
Cadmium	106-1	993.00	1001.51	988.88	994.47	0.65	ppb
Cadmium	108-1	985.28	1017.01	983.71	995.33	1.89	ppb
Calcium	43-1	115589.56	119759.23	117441.61	117596.80	1.78	ppb
Calcium	44-1	109741.61	112307.47	111875.61	111308.23	1.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	987.87	1000.90	1003.47	997.41	0.84	ppb
Cobalt	59-2	997.75	990.11	982.29	990.05	0.78	ppb
Copper	63-2	9741.85	10004.50	9929.18	9891.84	1.37	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				96		%
Indium	115-2				92		%
Iron	56-2	52445.57	52804.08	52794.41	52681.36	0.39	ppb
Iron	57-2	52585.51	52199.44	53066.79	52617.24	0.83	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 11:49:52	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	53961.22	53721.44	53798.13	53826.93	0.23	ppb
Krypton	83-1						cps
Lead	206-1	5007.00	5041.72	5075.61	5041.44	0.68	ppb
Lead	207-1	5055.14	5045.35	5044.39	5048.29	0.12	ppb
Lead	208-1	5029.26	5058.89	5049.79	5045.98	0.30	ppb
Lithium	6-1				99		%
Magnesium	24-2	102273.50	100804.52	101840.44	101639.49	0.74	ppb
Manganese	55-2	9920.59	10065.89	9947.38	9977.95	0.77	ppb
Molybdenum	94-1	10983.26	11078.17	11287.82	11116.42	1.40	ppb
Molybdenum	95-1	10988.62	11005.80	11252.72	11082.38	1.33	ppb
Molybdenum	96-1	11056.44	11023.84	11166.18	11082.16	0.67	ppb
Molybdenum	97-1	10974.52	11009.96	11205.39	11063.29	1.12	ppb
Molybdenum	98-1	10989.67	11012.66	11247.61	11083.31	1.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	990.66	991.74	986.33	989.58	0.29	ppb
Phosphorus	31-2	20230.81	19977.14	19574.21	19927.39	1.66	ppb
Potassium	39-2	50042.15	49792.06	50047.24	49960.48	0.29	ppb
Rhodium	103-1				93		%
Rhodium	103-2				91		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	82-1	992.29	998.46	1004.62	998.45	0.62	ppb
Selenium	77-2	1003.23	979.73	977.43	986.80	1.45	ppb
Selenium	78-2	1000.55	981.76	992.31	991.54	0.95	ppb
Silicon	28-1	1031.94	1075.97	1041.37	1049.76	2.21	ppb
Silver	107-1	994.07	1003.04	980.04	992.38	1.17	ppb
Silver	109-1	993.51	1014.44	974.67	994.20	2.00	ppb
Sodium	23-2	103289.95	102914.63	102545.06	102916.55	0.36	ppb
Strontium	86-1	24891.30	25187.40	25325.00	25134.57	0.88	ppb
Strontium	88-1	24915.89	25033.60	25265.81	25071.77	0.71	ppb
Sulfur	34-1	20082.29	20119.77	20747.45	20316.50	1.84	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	997.71	1011.85	1021.26	1010.28	1.17	ppb
Thallium	205-1	1003.58	1015.82	1011.95	1010.45	0.62	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 11:49:52	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	976.81	1019.00	1005.82	1000.54	2.16	ppb
Titanium	47-1	10873.93	11198.54	11086.09	11052.85	1.49	ppb
Uranium	238-1	1001.07	1024.90	1022.53	1016.17	1.29	ppb
Vanadium	51-2	1004.60	991.94	982.85	993.13	1.10	ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	9810.11	9801.42	10050.66	9887.40	1.43	ppb
Zirconium	90-1	999.87	1013.25	1016.72	1009.95	0.88	ppb
Zirconium	91-1	991.03	1005.18	1026.34	1007.52	1.76	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 11:52:37	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100596.01	99167.14	99643.38	99802.18	0.73	ppb
Antimony	121-1	0.89	0.89	0.88	0.88	0.56	ppb
Arsenic	75-2	0.41	0.36	0.34	0.37	9.97	ppb
Barium	135-1	3.16	3.66	3.24	3.35	8.12	ppb
Barium	137-1	3.30	3.24	3.26	3.27	0.98	ppb
Beryllium	9-1	0.56	0.54	0.61	0.57	6.81	ppb
Bismuth	209-1				84		%
Bismuth	209-2				84		%
Boron	10-1	44.20	43.88	40.80	42.96	4.37	ppb
Boron	11-1	45.23	43.95	41.99	43.72	3.73	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.56	0.47	0.51	0.51	8.87	ppb
Cadmium	106-1	-0.91	0.86	1.91	0.62	230.83	ppb
Cadmium	108-1	0.67	0.85	0.96	0.82	17.91	ppb
Calcium	43-1	493840.81	497164.84	495030.10	495345.25	0.34	ppb
Calcium	44-1	497472.32	502018.35	491800.63	497097.10	1.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6.02	5.95	5.90	5.96	0.99	ppb
Cobalt	59-2	1.16	1.08	1.10	1.12	3.84	ppb
Copper	63-2	2.59	2.36	2.23	2.39	7.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				96		%
Indium	115-1				90		%
Indium	115-2				90		%
Iron	56-2	250670.89	248651.29	248208.04	249176.74	0.53	ppb
Iron	57-2	251481.89	247645.29	248400.56	249175.91	0.82	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 11:52:37	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	250991.42	248024.65	247767.21	248927.76	0.72	ppb
Krypton	83-1						cps
Lead	206-1	1.90	1.75	2.04	1.90	7.87	ppb
Lead	207-1	1.87	1.73	1.86	1.82	4.33	ppb
Lead	208-1	1.87	1.75	1.96	1.86	5.48	ppb
Lithium	6-1				92		%
Magnesium	24-2	502910.11	498269.80	497223.41	499467.77	0.61	ppb
Manganese	55-2	11.73	11.52	11.34	11.53	1.71	ppb
Molybdenum	94-1	4.96	4.24	4.05	4.42	10.93	ppb
Molybdenum	95-1	4.67	4.14	3.83	4.21	10.04	ppb
Molybdenum	96-1	7.33	6.79	6.55	6.89	5.86	ppb
Molybdenum	97-1	4.70	4.87	4.16	4.58	8.03	ppb
Molybdenum	98-1	4.54	4.29	4.06	4.29	5.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.80	6.38	6.42	6.53	3.54	ppb
Phosphorus	31-2	14.83	6.66	-29.50	-2.67		ppb
Potassium	39-2	251811.93	249832.52	248139.84	249928.10	0.74	ppb
Rhodium	103-1				85		%
Rhodium	103-2				84		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	82-1	2.11	2.02	1.80	1.97	8.13	ppb
Selenium	77-2	0.00	1.33	0.33	0.56	124.73	ppb
Selenium	78-2	1.07	1.18	0.27	0.84	59.53	ppb
Silicon	28-1	3.31	3.65	3.67	3.54	5.77	ppb
Silver	107-1	0.60	0.59	0.56	0.59	3.83	ppb
Silver	109-1	0.57	0.61	0.57	0.58	3.78	ppb
Sodium	23-2	500457.42	502824.05	494090.36	499123.94	0.90	ppb
Strontium	86-1	11.17	10.19	9.81	10.39	6.75	ppb
Strontium	88-1	11.13	10.54	9.96	10.54	5.57	ppb
Sulfur	34-1	-392.94	-308.38	-266.97	-322.76		ppb
Terbium	159-1				97		%
Terbium	159-2				95		%
Thallium	203-1	0.31	0.30	0.28	0.30	6.07	ppb
Thallium	205-1	0.36	0.30	0.38	0.35	11.68	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 11:52:37	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	1.30	1.35	1.23	1.29	4.74	ppb
Titanium	47-1	3.75	3.46	3.87	3.69	5.77	ppb
Uranium	238-1	0.25	0.21	0.28	0.25	14.63	ppb
Vanadium	51-2	0.32	0.30	0.29	0.31	4.51	ppb
Yttrium	89-1				96		%
Yttrium	89-2				95		%
Zinc	66-2	8.67	7.97	8.19	8.27	4.33	ppb
Zirconium	90-1	0.39	0.36	0.34	0.36	8.21	ppb
Zirconium	91-1	0.47	0.33	0.35	0.38	20.08	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	ICV04	Instrumnet Name :	P7
Client Sample ID :	ICV04	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 12:14:35	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	513.44	517.49	513.81	514.91	0.43	ppb
Antimony	121-1	190.21	198.06	205.26	197.84	3.80	ppb
Arsenic	75-2	199.85	202.38	202.03	201.42	0.68	ppb
Barium	135-1	95.31	98.66	102.42	98.80	3.60	ppb
Barium	137-1	94.32	98.80	101.00	98.04	3.47	ppb
Beryllium	9-1	97.28	101.51	104.77	101.19	3.71	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	159.71	171.75	179.56	170.34	5.87	ppb
Boron	11-1	168.87	176.61	186.53	177.34	4.99	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	101.00	107.20	109.82	106.00	4.27	ppb
Cadmium	106-1	176.25	181.67	177.53	178.48	1.59	ppb
Cadmium	108-1	155.87	163.76	171.74	163.79	4.85	ppb
Calcium	43-1	2271.97	2424.19	2457.87	2384.68	4.15	ppb
Calcium	44-1	2088.19	2211.12	2291.40	2196.90	4.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	101.49	102.86	102.01	102.12	0.68	ppb
Cobalt	59-2	103.19	105.46	104.51	104.39	1.09	ppb
Copper	63-2	100.29	101.71	101.83	101.28	0.84	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				103		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	56-2	2065.70	2072.62	2070.90	2069.74	0.17	ppb
Iron	57-2	2109.58	2183.52	2162.91	2152.01	1.77	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	ICV04	Instrumnet Name :	P7
Client Sample ID :	ICV04	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 12:14:35	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2258.30	2263.46	2235.66	2252.47	0.66	ppb
Krypton	83-1						cps
Lead	206-1	183.54	193.70	195.78	191.01	3.43	ppb
Lead	207-1	173.16	179.97	182.68	178.60	2.75	ppb
Lead	208-1	184.33	191.33	193.41	189.69	2.51	ppb
Lithium	6-1				104		%
Magnesium	24-2	1150.27	1160.79	1163.28	1158.11	0.60	ppb
Manganese	55-2	102.39	104.23	103.71	103.44	0.92	ppb
Molybdenum	94-1	4603.03	4761.79	4777.51	4714.11	2.05	ppb
Molybdenum	95-1	4564.55	4805.19	4653.51	4674.42	2.60	ppb
Molybdenum	96-1	4578.37	4832.71	4753.80	4721.63	2.76	ppb
Molybdenum	97-1	4654.70	4819.65	4795.36	4756.57	1.87	ppb
Molybdenum	98-1	4612.20	4819.30	4747.43	4726.31	2.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	109.79	111.82	110.96	110.86	0.92	ppb
Phosphorus	31-2	-8.19	-26.61	-19.82	-18.21		ppb
Potassium	39-2	2062.01	2118.36	2102.42	2094.26	1.39	ppb
Rhodium	103-1				105		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	82-1	195.43	204.28	206.20	201.97	2.84	ppb
Selenium	77-2	212.34	212.37	204.05	209.59	2.29	ppb
Selenium	78-2	203.62	204.01	203.26	203.63	0.18	ppb
Silicon	28-1	23.50	27.38	28.97	26.62	10.58	ppb
Silver	107-1	49.51	52.45	53.77	51.91	4.20	ppb
Silver	109-1	49.27	51.59	53.22	51.36	3.87	ppb
Sodium	23-2	1974.78	1995.29	1969.69	1979.92	0.68	ppb
Strontium	86-1	460.97	480.44	487.84	476.42	2.91	ppb
Strontium	88-1	452.88	475.22	477.11	468.40	2.88	ppb
Sulfur	34-1	-479.14	-314.42	-216.08	-336.54		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	196.91	200.62	205.23	200.92	2.07	ppb
Thallium	205-1	203.77	210.40	211.17	208.45	1.95	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	ICV04	Instrumnet Name :	P7
Client Sample ID :	ICV04	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 12:14:35	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	466.39	482.38	495.56	481.44	3.03	ppb
Titanium	47-1	4549.63	4792.03	4923.04	4754.90	3.98	ppb
Uranium	238-1	486.47	498.88	502.98	496.11	1.73	ppb
Vanadium	51-2	96.79	98.28	97.94	97.67	0.80	ppb
Yttrium	89-1				104		%
Yttrium	89-2				99		%
Zinc	66-2	204.57	207.51	206.70	206.26	0.74	ppb
Zirconium	90-1	438.84	453.82	459.60	450.75	2.38	ppb
Zirconium	91-1	430.18	459.51	453.00	447.57	3.44	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	LLICV1	Instrumnet Name :	P7
Client Sample ID :	LLICV1	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 12:27:32	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.95	18.99	22.15	20.03	9.19	ppb
Antimony	121-1	1.89	2.02	1.99	1.96	3.61	ppb
Arsenic	75-2	0.94	0.87	0.98	0.93	6.27	ppb
Barium	135-1	8.80	9.36	9.40	9.18	3.65	ppb
Barium	137-1	8.84	9.44	9.49	9.26	3.91	ppb
Beryllium	9-1	1.04	1.04	1.13	1.07	4.82	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	7.52	8.51	9.09	8.38	9.47	ppb
Boron	11-1	8.08	8.91	9.27	8.75	6.98	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.97	1.05	1.08	1.03	5.48	ppb
Cadmium	106-1	1.66	-0.84	-0.15	0.22	576.17	ppb
Cadmium	108-1	1.29	0.89	0.94	1.04	20.94	ppb
Calcium	43-1	513.37	491.50	514.98	506.62	2.59	ppb
Calcium	44-1	491.12	492.84	505.44	496.47	1.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.92	1.89	1.96	1.92	1.83	ppb
Cobalt	59-2	0.99	0.99	0.98	0.99	0.82	ppb
Copper	63-2	2.03	1.97	1.92	1.97	2.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	50.86	52.06	52.74	51.89	1.83	ppb
Iron	57-2	57.07	54.43	57.33	56.28	2.86	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	LLICV1	Instrumnet Name :	P7
Client Sample ID :	LLICV1	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 12:27:32	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	53.80	53.54	53.96	53.77	0.40	ppb
Krypton	83-1						cps
Lead	206-1	0.83	0.91	0.85	0.86	4.70	ppb
Lead	207-1	0.87	0.85	0.81	0.84	3.54	ppb
Lead	208-1	0.86	0.87	0.84	0.86	1.72	ppb
Lithium	6-1				102		%
Magnesium	24-2	480.64	477.43	479.51	479.19	0.34	ppb
Manganese	55-2	0.97	1.01	1.10	1.03	6.66	ppb
Molybdenum	94-1	5.56	5.83	5.72	5.70	2.41	ppb
Molybdenum	95-1	4.76	4.87	4.93	4.85	1.72	ppb
Molybdenum	96-1	4.86	4.93	5.12	4.97	2.75	ppb
Molybdenum	97-1	4.58	4.85	5.09	4.84	5.26	ppb
Molybdenum	98-1	4.82	4.99	4.91	4.90	1.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.89	0.83	0.77	0.83	6.70	ppb
Phosphorus	31-2	-6.64	4.07	9.10	2.18	369.07	ppb
Potassium	39-2	502.33	501.47	503.96	502.59	0.25	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	4.45	4.26	5.33	4.68	12.14	ppb
Selenium	77-2	7.00	5.07	5.38	5.82	17.83	ppb
Selenium	78-2	4.45	4.72	4.12	4.43	6.77	ppb
Silicon	28-1	0.14	-0.35	0.12	-0.03		ppb
Silver	107-1	1.00	1.01	1.10	1.03	5.23	ppb
Silver	109-1	0.99	1.01	1.06	1.02	3.28	ppb
Sodium	23-2	485.11	483.34	488.18	485.54	0.50	ppb
Strontium	86-1	0.86	0.81	0.96	0.88	8.73	ppb
Strontium	88-1	0.94	0.96	0.95	0.95	1.24	ppb
Sulfur	34-1	-36.03	-75.72	8.18	-34.52		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.93	0.88	0.96	0.92	4.50	ppb
Thallium	205-1	0.88	0.88	0.88	0.88	0.14	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	LLICV1	Instrumnet Name :	P7
Client Sample ID :	LLICV1	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 12:27:32	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	4.78	4.95	4.83	4.85	1.81	ppb
Titanium	47-1	4.51	4.92	4.91	4.78	4.92	ppb
Uranium	238-1	0.80	0.80	0.81	0.80	0.66	ppb
Vanadium	51-2	4.67	4.65	4.75	4.69	1.18	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	2.13	2.16	2.36	2.22	5.65	ppb
Zirconium	90-1	0.89	0.88	0.85	0.87	2.11	ppb
Zirconium	91-1	0.83	0.88	0.94	0.89	6.07	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	ICB04	Instrumnet Name :	P7
Client Sample ID :	ICB04	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 12:30:26	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.52	-0.02	0.01	0.17	178.32	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	20.45	ppb
Arsenic	75-2	0.00	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.00	0.01	0.00	0.00	174.06	ppb
Barium	137-1	-0.01	0.00	-0.02	-0.01		ppb
Beryllium	9-1	0.04	0.02	0.04	0.03	32.52	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	1.80	1.74	1.88	1.81	3.92	ppb
Boron	11-1	2.08	2.01	2.01	2.03	1.92	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.02	0.00	-0.07	-0.01		ppb
Cadmium	106-1	0.73	-0.23	-2.76	-0.76		ppb
Cadmium	108-1	0.00	-0.12	0.00	-0.04		ppb
Calcium	43-1	-1.91	-1.70	-0.54	-1.38		ppb
Calcium	44-1	-34.49	-35.49	-40.15	-36.71		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.01	0.01	0.01	91.67	ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	-0.03	-0.06	-0.04	-0.04		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				102		%
Indium	115-2				101		%
Iron	56-2	0.18	0.14	0.28	0.20	36.54	ppb
Iron	57-2	-0.84	-0.46	-1.91	-1.07		ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	ICB04	Instrumnet Name :	P7
Client Sample ID :	ICB04	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 12:30:26	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2.31	1.08	1.35	1.58	41.11	ppb
Krypton	83-1						cps
Lead	206-1	0.01	-0.01	0.00	0.00	931.69	ppb
Lead	207-1	-0.01	0.01	0.01	0.00	1964.72	ppb
Lead	208-1	0.00	0.00	0.00	0.00	269.31	ppb
Lithium	6-1				103		%
Magnesium	24-2	-0.16	-0.43	-0.43	-0.34		ppb
Manganese	55-2	-0.01	-0.02	0.00	-0.01		ppb
Molybdenum	94-1	0.01	0.01	0.00	0.01	46.26	ppb
Molybdenum	95-1	0.03	0.03	0.02	0.03	27.52	ppb
Molybdenum	96-1	0.01	0.04	0.01	0.02	92.42	ppb
Molybdenum	97-1	0.02	0.01	0.04	0.02	75.01	ppb
Molybdenum	98-1	0.02	0.01	0.02	0.02	29.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.13	-0.04	-0.08	-0.08		ppb
Phosphorus	31-2	-45.58	-8.98	-19.38	-24.65		ppb
Potassium	39-2	2.94	-3.55	-1.46	-0.69		ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	0.18	-0.02	0.02	0.06	177.35	ppb
Selenium	77-2	0.32	0.32	0.32	0.32	0.56	ppb
Selenium	78-2	-0.23	0.55	-1.31	-0.33		ppb
Silicon	28-1	-0.93	-0.36	-0.46	-0.58		ppb
Silver	107-1	0.01	0.02	0.01	0.01	40.80	ppb
Silver	109-1	0.01	0.01	0.01	0.01	39.72	ppb
Sodium	23-2	5.63	6.21	5.61	5.82	5.84	ppb
Strontium	86-1	-0.02	-0.04	-0.05	-0.03		ppb
Strontium	88-1	0.00	0.01	0.01	0.01	19.01	ppb
Sulfur	34-1	-244.36	-149.15	-195.00	-196.17		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.00	0.00	0.01	0.00	83.01	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	16.97	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	ICB04	Instrumnet Name :	P7
Client Sample ID :	ICB04	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 12:30:26	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	-0.02	-0.04	-0.02	-0.03		ppb
Titanium	47-1	-0.03	-0.01	-0.04	-0.03		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	162.31	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	7175.96	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	0.03	0.02	0.18	0.07	119.42	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.00	0.02	0.00	0.00	532.46	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	ICSA04	Instrumnet Name :	P7
Client Sample ID :	ICSA04	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 12:33:18	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	96395.54	95951.99	94114.13	95487.22	1.27	ppb
Antimony	121-1	1.11	1.09	1.16	1.12	3.13	ppb
Arsenic	75-2	0.39	0.29	0.28	0.32	19.38	ppb
Barium	135-1	1.53	1.33	1.50	1.45	7.52	ppb
Barium	137-1	1.39	1.33	1.41	1.38	3.17	ppb
Beryllium	9-1	0.28	0.29	0.29	0.29	2.54	ppb
Bismuth	209-1				93		%
Bismuth	209-2				92		%
Boron	10-1	1.97	1.81	1.84	1.87	4.41	ppb
Boron	11-1	2.00	1.92	1.95	1.96	2.22	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.49	0.50	0.49	0.50	1.44	ppb
Cadmium	106-1	-1.15	-2.04	-3.64	-2.28		ppb
Cadmium	108-1	12.81	10.89	11.52	11.74	8.35	ppb
Calcium	43-1	104889.20	103637.89	103264.03	103930.38	0.82	ppb
Calcium	44-1	105275.94	104088.45	102095.31	103819.90	1.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.09	19.64	19.66	19.79	1.28	ppb
Cobalt	59-2	1.21	1.23	1.19	1.21	1.38	ppb
Copper	63-2	7.16	7.33	7.08	7.19	1.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				95		%
Indium	115-2				95		%
Iron	56-2	102432.60	101474.88	101318.59	101742.02	0.59	ppb
Iron	57-2	101610.36	102579.73	102058.07	102082.72	0.48	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	ICSA04	Instrumnet Name :	P7
Client Sample ID :	ICSA04	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 12:33:18	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	101588.94	101206.20	99659.96	100818.37	1.01	ppb
Krypton	83-1						cps
Lead	206-1	4.53	4.42	4.29	4.41	2.75	ppb
Lead	207-1	4.02	3.86	3.78	3.89	3.17	ppb
Lead	208-1	4.15	4.07	4.02	4.08	1.60	ppb
Lithium	6-1				99		%
Magnesium	24-2	93612.66	93452.97	92008.17	93024.60	0.95	ppb
Manganese	55-2	8.07	8.04	7.78	7.96	2.01	ppb
Molybdenum	94-1	1600.78	1589.57	1557.28	1582.54	1.43	ppb
Molybdenum	95-1	1982.67	1905.54	1905.02	1931.08	2.31	ppb
Molybdenum	96-1	1908.77	1892.12	1876.25	1892.38	0.86	ppb
Molybdenum	97-1	1954.91	1965.96	1888.00	1936.29	2.18	ppb
Molybdenum	98-1	1943.93	1936.60	1906.76	1929.10	1.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.17	5.04	5.08	5.10	1.25	ppb
Phosphorus	31-2	97616.78	96552.37	95334.55	96501.23	1.18	ppb
Potassium	39-2	96909.93	97657.51	95048.25	96538.56	1.39	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	0.26	0.36	0.40	0.34	20.54	ppb
Selenium	77-2	0.00	0.00	0.33	0.11	173.21	ppb
Selenium	78-2	-0.25	0.25	-0.84	-0.28		ppb
Silicon	28-1	1.42	1.22	1.02	1.22	16.68	ppb
Silver	107-1	0.05	0.05	0.05	0.05	4.79	ppb
Silver	109-1	0.05	0.06	0.04	0.05	19.23	ppb
Sodium	23-2	99231.09	98771.09	97546.03	98516.07	0.88	ppb
Strontium	86-1	34.41	33.51	34.56	34.16	1.67	ppb
Strontium	88-1	34.37	34.49	33.83	34.23	1.04	ppb
Sulfur	34-1	95522.95	94210.02	91820.96	93851.31	2.00	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.04	0.05	0.03	0.04	34.84	ppb
Thallium	205-1	0.04	0.04	0.03	0.04	9.03	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	ICSA04	Instrumnet Name :	P7
Client Sample ID :	ICSA04	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 12:33:18	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.13	0.11	0.09	0.11	16.90	ppb
Titanium	47-1	2057.94	2020.40	2016.92	2031.75	1.12	ppb
Uranium	238-1	-0.01	-0.01	0.00	-0.01		ppb
Vanadium	51-2	0.21	0.17	0.19	0.19	9.87	ppb
Yttrium	89-1				97		%
Yttrium	89-2				98		%
Zinc	66-2	10.80	10.89	11.14	10.94	1.59	ppb
Zirconium	90-1	0.02	0.01	0.01	0.01	50.25	ppb
Zirconium	91-1	0.01	0.00	0.01	0.01	71.64	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	ICSAB04	Instrumnet Name :	P7
Client Sample ID :	ICSAB04	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 12:36:11	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93422.06	95256.82	93331.02	94003.30	1.16	ppb
Antimony	121-1	19.03	21.08	21.01	20.37	5.71	ppb
Arsenic	75-2	19.52	19.40	19.78	19.57	1.00	ppb
Barium	135-1	19.60	20.98	20.38	20.32	3.40	ppb
Barium	137-1	19.60	20.56	20.68	20.28	2.94	ppb
Beryllium	9-1	19.10	20.95	20.42	20.16	4.72	ppb
Bismuth	209-1				98		%
Bismuth	209-2				94		%
Boron	10-1	19.11	21.38	21.21	20.57	6.14	ppb
Boron	11-1	20.07	22.25	22.17	21.50	5.74	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	18.76	19.51	19.58	19.28	2.36	ppb
Cadmium	106-1	21.95	27.37	23.36	24.23	11.59	ppb
Cadmium	108-1	29.75	34.56	31.30	31.87	7.71	ppb
Calcium	43-1	96410.51	99079.04	99792.71	98427.42	1.81	ppb
Calcium	44-1	95433.47	100089.25	100812.41	98778.38	2.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.98	39.47	39.09	39.18	0.65	ppb
Cobalt	59-2	20.80	21.06	20.95	20.94	0.61	ppb
Copper	63-2	25.84	26.19	26.44	26.16	1.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	56-2	100883.59	101034.97	100881.45	100933.34	0.09	ppb
Iron	57-2	100674.01	100271.88	100132.92	100359.60	0.28	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	ICSAB04	Instrumnet Name :	P7
Client Sample ID :	ICSAB04	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 12:36:11	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	100508.01	101297.61	100490.74	100765.45	0.46	ppb
Krypton	83-1						cps
Lead	206-1	26.46	28.11	27.99	27.52	3.34	ppb
Lead	207-1	25.25	26.52	26.68	26.15	3.00	ppb
Lead	208-1	25.66	27.15	27.10	26.64	3.19	ppb
Lithium	6-1				102		%
Magnesium	24-2	92543.58	92813.71	91887.25	92414.85	0.52	ppb
Manganese	55-2	27.44	27.64	27.99	27.69	1.00	ppb
Molybdenum	94-1	1589.02	1719.03	1708.85	1672.30	4.32	ppb
Molybdenum	95-1	1812.69	1956.74	1977.69	1915.71	4.69	ppb
Molybdenum	96-1	1799.72	1924.84	1929.87	1884.81	3.91	ppb
Molybdenum	97-1	1836.58	2004.01	1965.62	1935.40	4.53	ppb
Molybdenum	98-1	1823.11	1947.73	1972.04	1914.30	4.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.73	24.72	24.45	24.64	0.65	ppb
Phosphorus	31-2	95332.83	95704.28	94291.09	95109.40	0.77	ppb
Potassium	39-2	95614.29	96159.62	94220.79	95331.57	1.05	ppb
Rhodium	103-1				96		%
Rhodium	103-2				93		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	82-1	19.03	19.68	19.53	19.41	1.77	ppb
Selenium	77-2	16.03	21.23	23.51	20.25	18.93	ppb
Selenium	78-2	18.75	17.02	20.13	18.63	8.37	ppb
Silicon	28-1	3.21	3.43	3.82	3.49	8.79	ppb
Silver	107-1	17.64	19.07	19.03	18.58	4.39	ppb
Silver	109-1	17.66	18.79	18.81	18.42	3.58	ppb
Sodium	23-2	97992.84	99276.90	97747.51	98339.08	0.84	ppb
Strontium	86-1	86.64	93.10	92.47	90.73	3.93	ppb
Strontium	88-1	85.91	90.86	90.04	88.94	2.98	ppb
Sulfur	34-1	86248.27	92100.38	90829.81	89726.15	3.43	ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	18.44	19.51	19.31	19.09	3.00	ppb
Thallium	205-1	18.31	19.14	19.36	18.94	2.93	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	ICSAB04	Instrumnet Name :	P7
Client Sample ID :	ICSAB04	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 12:36:11	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	53.30	57.08	56.34	55.58	3.60	ppb
Titanium	47-1	1929.42	2031.26	2030.61	1997.09	2.93	ppb
Uranium	238-1	53.05	55.94	55.30	54.76	2.77	ppb
Vanadium	51-2	19.35	19.55	19.56	19.48	0.59	ppb
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	30.62	29.67	30.22	30.17	1.57	ppb
Zirconium	90-1	53.63	57.47	57.34	56.15	3.88	ppb
Zirconium	91-1	53.04	56.35	56.80	55.40	3.70	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P7
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 12:39:28	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50709.27	49837.93	50150.25	50232.48	0.88	ppb
Antimony	121-1	484.65	480.00	483.49	482.71	0.50	ppb
Arsenic	75-2	487.32	481.25	471.27	479.95	1.69	ppb
Barium	135-1	2474.18	2470.65	2532.67	2492.50	1.40	ppb
Barium	137-1	2438.80	2446.22	2532.35	2472.46	2.10	ppb
Beryllium	9-1	483.01	505.84	503.78	497.54	2.54	ppb
Bismuth	209-1				94		%
Bismuth	209-2				91		%
Boron	10-1	473.32	498.75	518.46	496.84	4.55	ppb
Boron	11-1	489.36	506.38	517.96	504.57	2.85	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	509.23	511.07	520.59	513.63	1.19	ppb
Cadmium	106-1	505.90	499.48	516.47	507.28	1.69	ppb
Cadmium	108-1	503.42	506.29	509.91	506.54	0.64	ppb
Calcium	43-1	249116.79	255020.24	258889.15	254342.06	1.93	ppb
Calcium	44-1	248061.50	251809.20	252672.77	250847.83	0.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	484.05	482.49	486.41	484.32	0.41	ppb
Cobalt	59-2	482.18	474.56	478.34	478.36	0.80	ppb
Copper	63-2	4984.98	4912.22	4937.90	4945.03	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				103		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	56-2	127669.41	127441.63	129231.68	128114.24	0.76	ppb
Iron	57-2	126715.34	127170.62	126583.85	126823.27	0.24	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P7
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 12:39:28	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	126536.38	127240.54	127333.10	127036.67	0.34	ppb
Krypton	83-1						cps
Lead	206-1	2445.41	2517.80	2524.31	2495.84	1.75	ppb
Lead	207-1	2461.44	2536.23	2538.66	2512.11	1.75	ppb
Lead	208-1	2459.13	2528.47	2524.94	2504.18	1.56	ppb
Lithium	6-1				96		%
Magnesium	24-2	253290.00	249082.27	249569.37	250647.21	0.92	ppb
Manganese	55-2	4795.24	4818.16	4902.27	4838.56	1.16	ppb
Molybdenum	94-1	5302.09	5421.74	5651.21	5458.35	3.25	ppb
Molybdenum	95-1	5393.60	5440.25	5610.35	5481.40	2.08	ppb
Molybdenum	96-1	5329.87	5533.68	5558.69	5474.08	2.29	ppb
Molybdenum	97-1	5306.55	5596.95	5596.80	5500.10	3.05	ppb
Molybdenum	98-1	5324.06	5504.81	5596.27	5475.04	2.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	502.41	499.78	502.90	501.70	0.33	ppb
Phosphorus	31-2	10055.05	9725.65	9801.41	9860.70	1.75	ppb
Potassium	39-2	124371.63	122982.47	125338.60	124230.90	0.95	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	493.69	506.99	509.80	503.49	1.71	ppb
Selenium	77-2	514.60	497.88	507.90	506.79	1.66	ppb
Selenium	78-2	505.23	507.72	486.08	499.68	2.37	ppb
Silicon	28-1	539.34	541.94	543.98	541.75	0.43	ppb
Silver	107-1	514.71	509.23	518.81	514.25	0.93	ppb
Silver	109-1	506.57	512.69	514.79	511.35	0.84	ppb
Sodium	23-2	246408.01	246821.46	247320.87	246850.11	0.19	ppb
Strontium	86-1	12012.13	12438.44	12498.59	12316.39	2.15	ppb
Strontium	88-1	12087.50	12286.83	12508.16	12294.16	1.71	ppb
Sulfur	34-1	8957.90	9121.94	9287.18	9122.34	1.80	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	496.04	504.93	509.63	503.53	1.37	ppb
Thallium	205-1	494.52	507.12	510.10	503.91	1.64	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P7
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 12:39:28	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	486.09	486.26	489.04	487.13	0.34	ppb
Titanium	47-1	5366.42	5506.50	5553.76	5475.56	1.78	ppb
Uranium	238-1	498.36	518.69	513.89	510.32	2.08	ppb
Vanadium	51-2	496.19	491.24	490.66	492.69	0.62	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	4983.66	4960.88	4927.20	4957.25	0.57	ppb
Zirconium	90-1	478.37	493.27	506.31	492.65	2.84	ppb
Zirconium	91-1	481.15	491.99	506.78	493.31	2.61	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P7
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 12:44:18	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.17	0.97	0.89	1.01	14.31	ppb
Antimony	121-1	0.14	0.15	0.16	0.15	7.02	ppb
Arsenic	75-2	0.01	0.02	0.02	0.02	39.74	ppb
Barium	135-1	0.07	0.03	0.08	0.06	41.69	ppb
Barium	137-1	0.04	0.05	0.04	0.04	8.03	ppb
Beryllium	9-1	0.08	0.09	0.12	0.10	20.10	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Boron	10-1	6.88	6.90	6.84	6.87	0.46	ppb
Boron	11-1	7.15	7.42	7.11	7.23	2.34	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.05	-0.01	-0.03	-0.03		ppb
Cadmium	106-1	-3.13	-0.76	-2.51	-2.14		ppb
Cadmium	108-1	0.04	0.02	-0.09	-0.01		ppb
Calcium	43-1	3.70	4.89	39.75	16.11	127.08	ppb
Calcium	44-1	-31.03	-24.57	0.02	-18.53		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.02	0.01	0.02	48.44	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	195.68	ppb
Copper	63-2	0.15	0.17	0.09	0.14	32.63	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				106		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	3.37	3.22	2.88	3.15	7.96	ppb
Iron	57-2	1.80	3.42	0.42	1.88	79.95	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P7
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 12:44:18	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2.78	4.57	4.37	3.91	25.17	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.07	0.11	0.09	24.03	ppb
Lead	207-1	0.12	0.12	0.10	0.11	12.17	ppb
Lead	208-1	0.10	0.09	0.10	0.10	5.74	ppb
Lithium	6-1				103		%
Magnesium	24-2	3.89	3.07	2.92	3.29	15.95	ppb
Manganese	55-2	0.11	0.09	0.08	0.10	15.79	ppb
Molybdenum	94-1	0.33	0.25	0.30	0.30	13.43	ppb
Molybdenum	95-1	0.29	0.29	0.29	0.29	0.32	ppb
Molybdenum	96-1	0.27	0.28	0.30	0.28	6.30	ppb
Molybdenum	97-1	0.38	0.23	0.27	0.29	25.92	ppb
Molybdenum	98-1	0.31	0.26	0.26	0.28	9.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.13	-0.11	-0.17	-0.14		ppb
Phosphorus	31-2	-63.72	-15.15	-36.25	-38.37		ppb
Potassium	39-2	13.51	15.96	12.20	13.89	13.76	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				99		%
Selenium	82-1	-0.25	0.15	0.40	0.10	330.33	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.42	-0.07	0.56	0.31	107.86	ppb
Silicon	28-1	-0.95	-0.98	-0.70	-0.87		ppb
Silver	107-1	0.04	0.03	0.05	0.04	21.86	ppb
Silver	109-1	0.04	0.04	0.04	0.04	12.12	ppb
Sodium	23-2	56.19	58.33	52.14	55.56	5.66	ppb
Strontium	86-1	0.24	0.23	0.50	0.33	45.69	ppb
Strontium	88-1	0.31	0.29	0.68	0.43	52.48	ppb
Sulfur	34-1	-568.91	-353.69	-379.80	-434.13		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.03	0.03	0.03	0.03	9.71	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	17.38	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P7
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 12:44:18	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.04	0.03	0.02	0.03	33.98	ppb
Titanium	47-1	0.21	0.11	0.94	0.42	106.61	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	26.18	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	49.06	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	0.18	0.33	0.10	0.20	59.05	ppb
Zirconium	90-1	0.01	0.00	0.02	0.01	70.04	ppb
Zirconium	91-1	0.01	0.03	0.03	0.02	37.50	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 12:47:11	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.46	19.86	21.47	20.60	3.93	ppb
Antimony	121-1	1.91	2.01	2.06	1.99	3.90	ppb
Arsenic	75-2	0.93	0.94	1.06	0.98	7.44	ppb
Barium	135-1	9.58	9.20	9.72	9.50	2.81	ppb
Barium	137-1	9.49	9.85	10.17	9.84	3.46	ppb
Beryllium	9-1	1.13	1.11	1.11	1.11	1.15	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	10-1	10.60	11.82	10.57	11.00	6.50	ppb
Boron	11-1	11.06	11.41	11.25	11.24	1.54	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.03	1.02	1.18	1.08	8.40	ppb
Cadmium	106-1	0.61	0.30	2.62	1.18	107.16	ppb
Cadmium	108-1	1.17	1.17	0.93	1.09	12.43	ppb
Calcium	43-1	523.20	523.82	536.17	527.73	1.39	ppb
Calcium	44-1	500.36	498.74	502.14	500.41	0.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.99	1.95	1.87	1.94	3.08	ppb
Cobalt	59-2	0.99	1.01	0.98	0.99	1.15	ppb
Copper	63-2	2.07	1.97	2.13	2.06	3.93	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				104		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	54.47	53.97	54.88	54.44	0.84	ppb
Iron	57-2	53.67	52.41	54.70	53.59	2.14	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 12:47:11	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	56.45	55.93	56.89	56.42	0.86	ppb
Krypton	83-1						cps
Lead	206-1	0.90	0.89	0.86	0.89	2.12	ppb
Lead	207-1	0.90	0.93	0.92	0.92	1.41	ppb
Lead	208-1	0.89	0.91	0.93	0.91	1.83	ppb
Lithium	6-1				100		%
Magnesium	24-2	492.59	486.13	494.50	491.08	0.89	ppb
Manganese	55-2	1.08	1.06	1.07	1.07	1.17	ppb
Molybdenum	94-1	6.09	5.89	6.13	6.04	2.10	ppb
Molybdenum	95-1	5.34	5.07	5.01	5.14	3.44	ppb
Molybdenum	96-1	5.31	5.25	4.98	5.18	3.41	ppb
Molybdenum	97-1	5.42	5.03	5.25	5.23	3.75	ppb
Molybdenum	98-1	5.24	5.17	4.96	5.12	2.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.95	0.79	0.97	0.90	11.10	ppb
Phosphorus	31-2	25.96	-14.95	0.18	3.73	554.45	ppb
Potassium	39-2	523.52	521.12	522.22	522.28	0.23	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	4.92	4.96	5.33	5.07	4.46	ppb
Selenium	77-2	6.26	5.37	6.01	5.88	7.85	ppb
Selenium	78-2	4.38	4.78	5.01	4.72	6.76	ppb
Silicon	28-1	0.22	-0.26	0.00	-0.02		ppb
Silver	107-1	1.01	1.02	1.05	1.03	2.46	ppb
Silver	109-1	1.02	1.01	1.03	1.02	1.07	ppb
Sodium	23-2	529.68	517.05	532.04	526.26	1.53	ppb
Strontium	86-1	1.00	0.91	0.92	0.94	5.53	ppb
Strontium	88-1	1.07	1.02	1.06	1.05	2.83	ppb
Sulfur	34-1	-169.22	-426.52	-331.40	-309.05		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.92	0.92	0.93	0.92	0.70	ppb
Thallium	205-1	0.91	0.95	0.91	0.92	2.02	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 12:47:11	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	4.93	5.00	5.00	4.98	0.81	ppb
Titanium	47-1	5.04	4.84	4.97	4.95	2.06	ppb
Uranium	238-1	0.85	0.85	0.86	0.85	0.87	ppb
Vanadium	51-2	4.86	4.74	4.80	4.80	1.26	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	2.63	2.52	1.99	2.38	14.36	ppb
Zirconium	90-1	0.95	0.93	0.90	0.92	2.68	ppb
Zirconium	91-1	0.92	1.03	0.93	0.96	5.89	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	N5682-01ADLX100	Instrumnet Name :	P7
Client Sample ID :	MH0AB9TA	Dilution Factor :	100
Date & Time Acquired :	2022-12-06 12:50:09	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.47	0.92	1.67	1.35	28.96	ppb
Antimony	121-1	0.03	0.05	0.05	0.04	33.44	ppb
Arsenic	75-2	2.41	2.56	2.46	2.47	3.09	ppb
Barium	135-1	5.50	6.12	5.84	5.82	5.31	ppb
Barium	137-1	5.46	5.99	6.05	5.83	5.54	ppb
Beryllium	9-1	0.03	0.04	0.05	0.04	26.13	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Boron	10-1	29.89	30.55	32.93	31.12	5.14	ppb
Boron	11-1	31.07	32.19	34.44	32.57	5.27	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.02	0.00	-0.01	-0.01		ppb
Cadmium	106-1	-2.34	-1.70	-1.38	-1.80		ppb
Cadmium	108-1	0.11	-0.06	0.02	0.02	359.64	ppb
Calcium	43-1	11029.06	11297.19	11536.24	11287.50	2.25	ppb
Calcium	44-1	10042.82	10524.97	10582.11	10383.30	2.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.04	-0.01	0.03	117.36	ppb
Cobalt	59-2	0.10	0.11	0.10	0.10	4.70	ppb
Copper	63-2	0.16	0.13	0.20	0.16	19.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	1.08	1.08	1.17	1.11	4.68	ppb
Iron	57-2	40.94	43.54	41.88	42.12	3.13	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	N5682-01ADLX100	Instrumnet Name :	P7
Client Sample ID :	MH0AB9TA	Dilution Factor :	100
Date & Time Acquired :	2022-12-06 12:50:09	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1.40	-0.13	1.05	0.77	103.54	ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.11	0.11	0.11	3.96	ppb
Lead	207-1	0.13	0.12	0.15	0.13	10.60	ppb
Lead	208-1	0.11	0.12	0.12	0.12	3.40	ppb
Lithium	6-1				100		%
Magnesium	24-2	5801.65	5730.32	5700.89	5744.29	0.90	ppb
Manganese	55-2	5.11	4.92	4.93	4.99	2.10	ppb
Molybdenum	94-1	2.30	2.44	2.03	2.26	9.05	ppb
Molybdenum	95-1	2.58	2.80	2.68	2.69	4.08	ppb
Molybdenum	96-1	2.44	2.75	2.78	2.65	7.10	ppb
Molybdenum	97-1	2.80	2.88	2.63	2.77	4.72	ppb
Molybdenum	98-1	2.66	2.80	2.65	2.70	2.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	0.02	0.06	0.01	452.41	ppb
Phosphorus	31-2	-24.27	-4.41	-7.44	-12.04		ppb
Potassium	39-2	86780.82	87061.32	86949.39	86930.51	0.16	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	0.86	0.13	0.61	0.53	69.45	ppb
Selenium	77-2	0.32	0.32	0.00	0.21	86.61	ppb
Selenium	78-2	-0.07	0.08	0.58	0.20	170.71	ppb
Silicon	28-1	19.44	19.53	19.86	19.61	1.13	ppb
Silver	107-1	0.05	0.08	0.07	0.07	15.96	ppb
Silver	109-1	0.07	0.07	0.06	0.06	11.69	ppb
Sodium	23-2	261481.56	262947.03	259630.30	261352.96	0.64	ppb
Strontium	86-1	246.39	249.91	248.07	248.12	0.71	ppb
Strontium	88-1	238.42	247.16	246.92	244.17	2.04	ppb
Sulfur	34-1	4928.18	4896.59	5124.12	4982.96	2.47	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.05	0.05	0.05	0.05	5.56	ppb
Thallium	205-1	0.06	0.05	0.04	0.05	11.54	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	N5682-01ADLX100	Instrumnet Name :	P7
Client Sample ID :	MH0AB9TA	Dilution Factor :	100
Date & Time Acquired :	2022-12-06 12:50:09	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.00	-0.02	-0.03	-0.02		ppb
Titanium	47-1	0.17	0.22	0.19	0.19	12.76	ppb
Uranium	238-1	0.08	0.08	0.08	0.08	2.06	ppb
Vanadium	51-2	0.18	0.20	0.20	0.19	6.56	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	0.33	0.10	0.36	0.26	54.88	ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00		ppb
Zirconium	91-1	0.01	0.00	0.03	0.01	92.75	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	N5750-01ADLX100	Instrumnet Name :	P7
Client Sample ID :	MH0AB9DA	Dilution Factor :	100
Date & Time Acquired :	2022-12-06 12:53:03	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.51	0.37	0.96	0.62	49.72	ppb
Antimony	121-1	0.03	0.04	0.03	0.03	18.66	ppb
Arsenic	75-2	0.45	0.55	0.37	0.46	19.15	ppb
Barium	135-1	5.57	5.67	5.61	5.62	0.94	ppb
Barium	137-1	5.66	5.62	5.48	5.59	1.66	ppb
Beryllium	9-1	0.03	0.03	0.05	0.04	23.30	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Boron	10-1	29.36	30.45	31.91	30.58	4.20	ppb
Boron	11-1	30.14	33.22	33.85	32.41	6.12	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	2.08	2.15	2.22	2.15	3.24	ppb
Cadmium	106-1	-0.44	0.22	2.26	0.68	207.30	ppb
Cadmium	108-1	1.62	1.91	1.79	1.77	8.07	ppb
Calcium	43-1	10753.46	11231.60	10924.04	10969.70	2.21	ppb
Calcium	44-1	9964.77	10209.11	10290.40	10154.76	1.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.05	0.02	0.03	87.99	ppb
Cobalt	59-2	0.10	0.12	0.10	0.10	11.69	ppb
Copper	63-2	0.13	0.12	0.11	0.12	8.52	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				103		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	0.79	0.83	0.81	0.81	2.43	ppb
Iron	57-2	38.93	44.67	38.49	40.70	8.48	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	N5750-01ADLX100	Instrumnet Name :	P7
Client Sample ID :	MH0AB9DA	Dilution Factor :	100
Date & Time Acquired :	2022-12-06 12:53:03	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2.70	-0.42	2.19	1.49	112.38	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.12	0.09	0.10	24.70	ppb
Lead	207-1	0.08	0.09	0.10	0.09	8.67	ppb
Lead	208-1	0.09	0.10	0.09	0.09	8.14	ppb
Lithium	6-1				99		%
Magnesium	24-2	5522.47	5628.62	5551.24	5567.44	0.99	ppb
Manganese	55-2	4.86	4.95	4.71	4.84	2.44	ppb
Molybdenum	94-1	2.11	2.30	2.15	2.19	4.62	ppb
Molybdenum	95-1	2.60	2.85	2.62	2.69	5.09	ppb
Molybdenum	96-1	2.60	2.61	2.65	2.62	0.97	ppb
Molybdenum	97-1	2.63	2.73	2.83	2.73	3.66	ppb
Molybdenum	98-1	2.51	2.63	2.64	2.59	2.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.02	0.02	0.02	53.98	ppb
Phosphorus	31-2	-23.68	14.21	-19.26	-9.58		ppb
Potassium	39-2	84152.18	85735.08	83606.18	84497.81	1.31	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	0.35	0.34	-0.11	0.19	138.34	ppb
Selenium	77-2	0.33	0.00	0.00	0.11	173.21	ppb
Selenium	78-2	1.24	0.37	0.86	0.82	53.16	ppb
Silicon	28-1	19.14	20.32	19.66	19.71	2.99	ppb
Silver	107-1	0.04	0.04	0.04	0.04	7.12	ppb
Silver	109-1	0.05	0.04	0.05	0.05	18.40	ppb
Sodium	23-2	254415.15	257242.47	254083.37	255246.99	0.68	ppb
Strontium	86-1	232.55	240.85	239.66	237.69	1.89	ppb
Strontium	88-1	233.15	242.29	239.42	238.29	1.96	ppb
Sulfur	34-1	4758.65	5101.94	4890.11	4916.90	3.52	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.03	0.03	0.03	0.03	9.63	ppb
Thallium	205-1	0.04	0.05	0.05	0.05	3.31	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	N5750-01ADLX100	Instrumnet Name :	P7
Client Sample ID :	MH0AB9DA	Dilution Factor :	100
Date & Time Acquired :	2022-12-06 12:53:03	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	-0.01	-0.02	-0.01	-0.01		ppb
Titanium	47-1	0.20	0.36	0.37	0.31	30.02	ppb
Uranium	238-1	0.07	0.08	0.07	0.07	8.52	ppb
Vanadium	51-2	0.14	0.14	0.15	0.14	3.64	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	0.43	0.36	0.30	0.36	18.55	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	94.97	ppb
Zirconium	91-1	0.01	0.00	0.00	0.00	276.50	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P7
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 12:55:53	DataFile Name :	023CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50545.82	51664.35	50550.00	50920.05	1.27	ppb
Antimony	121-1	477.74	490.88	482.75	483.79	1.37	ppb
Arsenic	75-2	482.64	475.45	475.10	477.73	0.89	ppb
Barium	135-1	2490.17	2493.80	2467.25	2483.74	0.58	ppb
Barium	137-1	2462.70	2464.92	2452.32	2459.98	0.27	ppb
Beryllium	9-1	487.24	516.88	502.05	502.05	2.95	ppb
Bismuth	209-1				97		%
Bismuth	209-2				92		%
Boron	10-1	476.15	530.38	508.92	505.15	5.41	ppb
Boron	11-1	479.93	537.66	515.51	511.03	5.70	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	506.26	517.74	512.18	512.06	1.12	ppb
Cadmium	106-1	503.04	504.95	509.77	505.92	0.69	ppb
Cadmium	108-1	500.93	506.91	505.47	504.44	0.62	ppb
Calcium	43-1	244726.23	254800.36	255577.43	251701.34	2.40	ppb
Calcium	44-1	238538.07	252209.82	255103.67	248617.19	3.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	478.19	484.09	479.07	480.45	0.66	ppb
Cobalt	59-2	478.20	483.93	477.64	479.92	0.72	ppb
Copper	63-2	4923.50	5020.48	4943.30	4962.43	1.03	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				106		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	56-2	127493.27	128274.15	126609.35	127458.92	0.65	ppb
Iron	57-2	126604.87	127403.48	127024.00	127010.79	0.31	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P7
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 12:55:53	DataFile Name :	023CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	126214.52	127420.39	126207.80	126614.24	0.55	ppb
Krypton	83-1						cps
Lead	206-1	2394.36	2489.31	2512.56	2465.41	2.54	ppb
Lead	207-1	2423.35	2462.25	2503.90	2463.17	1.64	ppb
Lead	208-1	2415.50	2475.76	2513.43	2468.23	2.00	ppb
Lithium	6-1				99		%
Magnesium	24-2	253816.98	256054.20	251124.07	253665.08	0.97	ppb
Manganese	55-2	4742.59	4846.86	4839.84	4809.76	1.21	ppb
Molybdenum	94-1	5228.04	5408.29	5438.08	5358.14	2.12	ppb
Molybdenum	95-1	5323.11	5532.58	5488.02	5447.90	2.03	ppb
Molybdenum	96-1	5260.34	5533.00	5479.52	5424.29	2.66	ppb
Molybdenum	97-1	5311.30	5483.91	5506.31	5433.84	1.96	ppb
Molybdenum	98-1	5322.51	5541.16	5498.40	5454.02	2.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	500.44	509.42	500.82	503.56	1.01	ppb
Phosphorus	31-2	9578.16	9954.20	9757.45	9763.27	1.93	ppb
Potassium	39-2	124414.55	124698.71	124124.44	124412.57	0.23	ppb
Rhodium	103-1				95		%
Rhodium	103-2				91		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	484.59	509.80	505.34	499.91	2.69	ppb
Selenium	77-2	502.09	515.77	500.65	506.17	1.65	ppb
Selenium	78-2	505.83	492.86	509.42	502.70	1.73	ppb
Silicon	28-1	522.82	548.98	555.72	542.50	3.20	ppb
Silver	107-1	509.62	518.59	510.47	512.89	0.97	ppb
Silver	109-1	504.82	510.02	508.53	507.79	0.53	ppb
Sodium	23-2	251475.48	249266.57	249721.89	250154.65	0.47	ppb
Strontium	86-1	11847.37	12311.69	12298.35	12152.47	2.17	ppb
Strontium	88-1	11848.11	12285.69	12455.22	12196.34	2.57	ppb
Sulfur	34-1	8615.44	9152.74	9504.63	9090.93	4.93	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	486.67	502.14	505.24	498.02	2.00	ppb
Thallium	205-1	483.95	506.80	507.31	499.35	2.67	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P7
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 12:55:53	DataFile Name :	023CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	481.88	493.90	484.60	486.80	1.29	ppb
Titanium	47-1	5235.50	5464.50	5587.98	5429.33	3.29	ppb
Uranium	238-1	486.38	509.01	506.16	500.51	2.46	ppb
Vanadium	51-2	491.54	499.46	489.80	493.60	1.04	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	4915.35	4987.09	4908.36	4936.93	0.88	ppb
Zirconium	90-1	473.70	503.68	489.49	488.96	3.07	ppb
Zirconium	91-1	476.52	502.72	492.64	490.63	2.69	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P7
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 13:01:22	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.48	1.07	0.79	0.78	37.73	ppb
Antimony	121-1	0.13	0.16	0.14	0.14	11.22	ppb
Arsenic	75-2	0.02	0.03	0.00	0.02	70.60	ppb
Barium	135-1	0.06	0.06	0.02	0.05	50.58	ppb
Barium	137-1	0.03	0.03	0.00	0.02	69.85	ppb
Beryllium	9-1	0.11	0.10	0.08	0.09	16.20	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Boron	10-1	7.20	7.02	6.06	6.76	9.09	ppb
Boron	11-1	7.16	6.86	6.59	6.87	4.16	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.05	-0.07	-0.01	-0.04		ppb
Cadmium	106-1	-2.69	-2.86	-1.74	-2.43		ppb
Cadmium	108-1	-0.03	0.05	0.02	0.01	385.39	ppb
Calcium	43-1	2.36	0.90	4.96	2.74	74.91	ppb
Calcium	44-1	-38.04	-36.86	-41.12	-38.68		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.02	0.03	0.01	119.77	ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	1565.80	ppb
Copper	63-2	0.10	0.09	0.08	0.09	13.09	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				104		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	56-2	2.34	2.33	2.23	2.30	2.52	ppb
Iron	57-2	1.80	0.97	-0.70	0.69	184.34	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P7
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 13:01:22	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1.55	1.36	2.69	1.87	38.41	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.07	0.06	0.07	8.93	ppb
Lead	207-1	0.09	0.08	0.07	0.08	12.56	ppb
Lead	208-1	0.09	0.07	0.07	0.08	12.60	ppb
Lithium	6-1				104		%
Magnesium	24-2	2.10	2.21	1.90	2.07	7.61	ppb
Manganese	55-2	0.07	0.04	0.05	0.05	28.43	ppb
Molybdenum	94-1	0.21	0.21	0.16	0.19	13.87	ppb
Molybdenum	95-1	0.27	0.23	0.18	0.23	19.52	ppb
Molybdenum	96-1	0.20	0.19	0.13	0.17	23.87	ppb
Molybdenum	97-1	0.19	0.22	0.14	0.19	19.65	ppb
Molybdenum	98-1	0.19	0.17	0.14	0.17	14.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.13	-0.13	-0.15	-0.14		ppb
Phosphorus	31-2	-14.85	-18.35	-35.87	-23.02		ppb
Potassium	39-2	15.39	18.35	19.95	17.90	12.94	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	0.44	-0.03	0.38	0.26	98.49	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.53	0.12	-0.07	-0.16		ppb
Silicon	28-1	-0.18	-0.48	-0.40	-0.35		ppb
Silver	107-1	0.03	0.03	0.02	0.03	26.92	ppb
Silver	109-1	0.02	0.02	0.03	0.02	17.56	ppb
Sodium	23-2	81.45	80.14	77.15	79.58	2.77	ppb
Strontium	86-1	0.16	0.19	0.11	0.15	28.30	ppb
Strontium	88-1	0.21	0.16	0.15	0.18	18.69	ppb
Sulfur	34-1	-108.09	-265.65	-228.43	-200.72		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.03	0.02	0.03	0.03	30.41	ppb
Thallium	205-1	0.02	0.03	0.03	0.03	10.04	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P7
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 13:01:22	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	-0.02	-0.01	0.00	-0.01		ppb
Titanium	47-1	0.23	0.09	0.22	0.18	42.68	ppb
Uranium	238-1	0.00	0.00	0.01	0.01	10.40	ppb
Vanadium	51-2	0.01	0.00	0.01	0.00	42.00	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	0.16	0.07	0.04	0.09	68.76	ppb
Zirconium	90-1	0.02	0.01	0.00	0.01	86.11	ppb
Zirconium	91-1	0.00	0.01	0.01	0.01	154.98	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	N5317-11DL3X10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL3	Dilution Factor :	10
Date & Time Acquired :	2022-12-06 13:24:29	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12647.26	12821.08	13029.06	12832.47	1.49	ppb
Antimony	121-1	56.76	63.13	65.45	61.78	7.28	ppb
Arsenic	75-2	290.85	292.50	293.32	292.23	0.43	ppb
Barium	135-1	553.09	616.77	629.08	599.65	6.80	ppb
Barium	137-1	560.30	608.44	633.65	600.80	6.20	ppb
Beryllium	9-1	171.13	185.71	187.89	181.58	5.02	ppb
Bismuth	209-1				110		%
Bismuth	209-2				106		%
Boron	10-1	104.37	122.88	126.94	118.06	10.19	ppb
Boron	11-1	111.68	129.38	136.00	125.69	10.00	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	204.14	229.70	234.11	222.65	7.27	ppb
Cadmium	106-1	156.94	181.42	186.09	174.82	8.96	ppb
Cadmium	108-1	171.47	187.99	195.20	184.89	6.58	ppb
Calcium	43-1	8033.45	9052.73	9278.10	8788.09	7.55	ppb
Calcium	44-1	7293.79	8342.74	8314.22	7983.58	7.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	97.93	98.08	98.02	98.01	0.08	ppb
Cobalt	59-2	144.96	145.48	145.32	145.25	0.18	ppb
Copper	63-2	204.30	205.05	204.14	204.50	0.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				110		%
Indium	115-1				112		%
Indium	115-2				107		%
Iron	56-2	22005.40	21858.26	22150.45	22004.71	0.66	ppb
Iron	57-2	21893.19	21796.10	21734.49	21807.93	0.37	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	N5317-11DL3X10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL3	Dilution Factor :	10
Date & Time Acquired :	2022-12-06 13:24:29	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	21899.22	21993.73	21918.37	21937.11	0.23	ppb
Krypton	83-1						cps
Lead	206-1	266.05	292.83	306.63	288.50	7.15	ppb
Lead	207-1	238.35	267.83	274.40	260.19	7.38	ppb
Lead	208-1	254.78	286.20	291.98	277.66	7.21	ppb
Lithium	6-1				132		%
Magnesium	24-2	6325.39	6281.90	6271.02	6292.77	0.46	ppb
Manganese	55-2	1133.68	1148.48	1148.14	1143.43	0.74	ppb
Molybdenum	94-1	175.27	192.89	194.76	187.64	5.73	ppb
Molybdenum	95-1	204.85	225.56	229.43	219.94	6.01	ppb
Molybdenum	96-1	203.50	221.92	228.30	217.90	5.91	ppb
Molybdenum	97-1	206.52	226.55	232.08	221.72	6.07	ppb
Molybdenum	98-1	199.97	217.37	224.55	213.96	5.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	463.68	462.53	464.82	463.68	0.25	ppb
Phosphorus	31-2	878.91	889.05	880.63	882.86	0.61	ppb
Potassium	39-2	2935.91	2969.14	2985.10	2963.39	0.85	ppb
Rhodium	103-1				110		%
Rhodium	103-2				106		%
Scandium	45-1				112		%
Scandium	45-2				109		%
Selenium	82-1	189.03	205.96	210.53	201.84	5.61	ppb
Selenium	77-2	208.29	210.79	203.76	207.61	1.72	ppb
Selenium	78-2	203.72	203.23	206.12	204.36	0.76	ppb
Silicon	28-1	22.14	26.14	20.97	23.08	11.72	ppb
Silver	107-1	37.36	41.27	42.52	40.38	6.67	ppb
Silver	109-1	37.97	41.70	43.55	41.07	6.92	ppb
Sodium	23-2	5844.36	5813.70	5889.47	5849.18	0.65	ppb
Strontium	86-1	153.51	168.44	170.67	164.21	5.68	ppb
Strontium	88-1	148.24	163.54	168.88	160.22	6.69	ppb
Sulfur	34-1	-976.69	-605.23	-445.55	-675.82		ppb
Terbium	159-1				113		%
Terbium	159-2				109		%
Thallium	203-1	264.72	295.98	305.84	288.84	7.43	ppb
Thallium	205-1	262.69	296.31	300.52	286.50	7.23	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	N5317-11DL3X10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL3	Dilution Factor :	10
Date & Time Acquired :	2022-12-06 13:24:29	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	131.39	148.66	150.55	143.53	7.35	ppb
Titanium	47-1	491.03	560.55	571.81	541.13	8.09	ppb
Uranium	238-1	50.31	61.76	58.81	56.96	10.44	ppb
Vanadium	51-2	165.66	166.02	165.66	165.78	0.13	ppb
Yttrium	89-1				114		%
Yttrium	89-2				111		%
Zinc	66-2	198.83	200.49	199.44	199.59	0.42	ppb
Zirconium	90-1	3.47	3.63	3.78	3.63	4.28	ppb
Zirconium	91-1	3.50	4.06	3.65	3.74	7.78	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	N5317-11DL2X5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	5
Date & Time Acquired :	2022-12-06 13:32:25	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25124.24	25334.42	24834.16	25097.60	1.00	ppb
Antimony	121-1	119.59	123.36	123.82	122.26	1.90	ppb
Arsenic	75-2	599.38	591.03	599.54	596.65	0.82	ppb
Barium	135-1	1312.31	1358.47	1334.06	1334.95	1.73	ppb
Barium	137-1	1305.88	1361.10	1336.72	1334.57	2.07	ppb
Beryllium	9-1	312.39	318.29	329.41	320.03	2.70	ppb
Bismuth	209-1				110		%
Bismuth	209-2				105		%
Boron	10-1	227.38	232.94	249.49	236.60	4.86	ppb
Boron	11-1	235.09	239.69	255.58	243.45	4.42	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	455.44	473.56	470.63	466.54	2.08	ppb
Cadmium	106-1	358.94	379.80	371.31	370.01	2.84	ppb
Cadmium	108-1	374.61	388.13	386.57	383.10	1.93	ppb
Calcium	43-1	17475.50	18105.56	18629.49	18070.18	3.20	ppb
Calcium	44-1	16004.17	16750.37	17221.98	16658.84	3.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	198.02	197.65	197.82	197.83	0.09	ppb
Cobalt	59-2	296.83	297.37	295.17	296.46	0.39	ppb
Copper	63-2	417.93	419.58	414.93	417.48	0.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				110		%
Indium	115-1				109		%
Indium	115-2				105		%
Iron	56-2	42390.17	42165.50	42005.61	42187.09	0.46	ppb
Iron	57-2	41840.08	42309.64	41599.13	41916.28	0.86	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	N5317-11DL2X5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	5
Date & Time Acquired :	2022-12-06 13:32:25	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	42438.80	42703.42	42047.43	42396.55	0.78	ppb
Krypton	83-1						cps
Lead	206-1	599.81	606.71	626.67	611.06	2.28	ppb
Lead	207-1	584.91	590.56	590.21	588.56	0.54	ppb
Lead	208-1	591.62	600.71	604.03	598.78	1.07	ppb
Lithium	6-1				142		%
Magnesium	24-2	12966.27	12721.03	12734.34	12807.21	1.08	ppb
Manganese	55-2	2312.74	2326.70	2279.97	2306.47	1.04	ppb
Molybdenum	94-1	372.74	393.46	395.06	387.09	3.22	ppb
Molybdenum	95-1	433.98	447.74	453.78	445.16	2.28	ppb
Molybdenum	96-1	428.68	438.49	447.94	438.37	2.20	ppb
Molybdenum	97-1	439.35	463.82	465.24	456.13	3.19	ppb
Molybdenum	98-1	432.63	451.55	447.89	444.02	2.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	955.15	947.25	939.48	947.29	0.83	ppb
Phosphorus	31-2	1794.96	1808.66	1765.28	1789.63	1.24	ppb
Potassium	39-2	5530.43	5636.45	5550.47	5572.45	1.01	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				110		%
Scandium	45-2				107		%
Selenium	82-1	401.18	420.05	424.37	415.20	2.97	ppb
Selenium	77-2	416.34	408.61	405.05	410.00	1.41	ppb
Selenium	78-2	422.21	410.40	422.17	418.26	1.63	ppb
Silicon	28-1	48.33	55.64	54.43	52.80	7.43	ppb
Silver	107-1	90.82	94.31	93.03	92.72	1.91	ppb
Silver	109-1	90.73	93.77	93.90	92.80	1.93	ppb
Sodium	23-2	11799.26	11859.08	11902.80	11853.71	0.44	ppb
Strontium	86-1	325.86	344.45	345.81	338.71	3.29	ppb
Strontium	88-1	322.92	342.50	336.06	333.82	2.99	ppb
Sulfur	34-1	-788.37	-671.33	-605.11	-688.27		ppb
Terbium	159-1				113		%
Terbium	159-2				110		%
Thallium	203-1	587.75	612.80	612.54	604.36	2.38	ppb
Thallium	205-1	592.99	604.68	614.16	603.94	1.76	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	N5317-11DL2X5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	5
Date & Time Acquired :	2022-12-06 13:32:25	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	298.07	308.89	302.40	303.12	1.80	ppb
Titanium	47-1	1073.70	1133.17	1167.08	1124.65	4.20	ppb
Uranium	238-1	122.30	129.47	129.13	126.97	3.19	ppb
Vanadium	51-2	335.57	334.85	333.26	334.56	0.35	ppb
Yttrium	89-1				114		%
Yttrium	89-2				111		%
Zinc	66-2	409.23	404.25	403.32	405.60	0.78	ppb
Zirconium	90-1	7.36	8.08	7.88	7.77	4.79	ppb
Zirconium	91-1	7.28	7.95	7.93	7.72	4.95	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	N5317-11DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	2
Date & Time Acquired :	2022-12-06 13:37:49	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	60560.36	59938.68	60235.93	60244.99	0.52	ppb
Antimony	121-1	292.70	306.17	298.26	299.04	2.26	ppb
Arsenic	75-2	1386.61	1421.12	1403.36	1403.70	1.23	ppb
Barium	135-1	3299.02	3407.89	3321.98	3342.96	1.72	ppb
Barium	137-1	3265.87	3413.35	3295.10	3324.77	2.35	ppb
Beryllium	9-1	529.40	522.25	515.27	522.30	1.35	ppb
Bismuth	209-1				110		%
Bismuth	209-2				102		%
Boron	10-1	327.30	347.05	369.94	348.10	6.13	ppb
Boron	11-1	330.38	345.47	376.50	350.78	6.70	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1093.32	1142.00	1105.14	1113.49	2.28	ppb
Cadmium	106-1	894.35	926.06	897.07	905.83	1.94	ppb
Cadmium	108-1	928.08	959.93	941.99	943.33	1.69	ppb
Calcium	43-1	43412.82	41488.15	43938.10	42946.36	3.00	ppb
Calcium	44-1	40047.13	41244.18	40843.63	40711.64	1.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	471.79	469.84	466.53	469.39	0.57	ppb
Cobalt	59-2	715.88	716.60	708.54	713.67	0.63	ppb
Copper	63-2	1010.99	1013.52	1003.53	1009.35	0.52	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				114		%
Holmium	165-2				110		%
Indium	115-1				108		%
Indium	115-2				105		%
Iron	56-2	100698.58	103144.46	101487.66	101776.90	1.23	ppb
Iron	57-2	100999.08	101092.66	99444.72	100512.15	0.92	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	N5317-11DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	2
Date & Time Acquired :	2022-12-06 13:37:49	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	102786.70	102109.82	101313.18	102069.90	0.72	ppb
Krypton	83-1						cps
Lead	206-1	1501.08	1545.84	1542.69	1529.87	1.63	ppb
Lead	207-1	1449.25	1483.57	1477.23	1470.02	1.24	ppb
Lead	208-1	1475.74	1519.77	1511.97	1502.49	1.56	ppb
Lithium	6-1				213		%
Magnesium	24-2	30958.51	30506.56	30344.19	30603.09	1.04	ppb
Manganese	55-2	5593.39	5558.89	5557.40	5569.89	0.37	ppb
Molybdenum	94-1	888.77	913.54	914.08	905.46	1.60	ppb
Molybdenum	95-1	1059.81	1070.40	1049.19	1059.80	1.00	ppb
Molybdenum	96-1	1037.91	1060.58	1033.78	1044.09	1.38	ppb
Molybdenum	97-1	1058.89	1084.93	1080.48	1074.76	1.30	ppb
Molybdenum	98-1	1030.42	1081.78	1066.66	1059.62	2.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2308.43	2278.62	2256.73	2281.26	1.14	ppb
Phosphorus	31-2	4374.49	4184.03	4313.92	4290.82	2.27	ppb
Potassium	39-2	13503.22	13318.66	13313.84	13378.57	0.81	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				113		%
Scandium	45-2				110		%
Selenium	82-1	974.05	1014.75	988.08	992.29	2.08	ppb
Selenium	77-2	985.55	1013.61	1024.72	1007.96	2.00	ppb
Selenium	78-2	966.51	995.52	975.94	979.32	1.51	ppb
Silicon	28-1	119.76	130.77	136.76	129.10	6.68	ppb
Silver	107-1	221.89	224.33	222.23	222.82	0.59	ppb
Silver	109-1	219.63	229.03	222.47	223.71	2.15	ppb
Sodium	23-2	28370.19	28134.50	28544.96	28349.89	0.73	ppb
Strontium	86-1	800.86	826.59	812.21	813.22	1.59	ppb
Strontium	88-1	797.36	813.37	806.80	805.84	1.00	ppb
Sulfur	34-1	-543.27	-602.85	-669.19	-605.10		ppb
Terbium	159-1				114		%
Terbium	159-2				111		%
Thallium	203-1	1473.16	1519.30	1530.42	1507.63	2.01	ppb
Thallium	205-1	1481.44	1558.19	1546.41	1528.68	2.70	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	N5317-11DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	2
Date & Time Acquired :	2022-12-06 13:37:49	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	733.52	777.55	737.12	749.40	3.26	ppb
Titanium	47-1	2754.20	2780.47	2748.74	2761.14	0.61	ppb
Uranium	238-1	315.42	331.35	322.65	323.14	2.47	ppb
Vanadium	51-2	808.62	798.81	796.92	801.45	0.78	ppb
Yttrium	89-1				120		%
Yttrium	89-2				117		%
Zinc	66-2	968.84	964.93	955.29	963.02	0.72	ppb
Zirconium	90-1	17.75	18.62	18.32	18.23	2.41	ppb
Zirconium	91-1	18.61	18.77	18.77	18.72	0.50	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	N5317-11	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 13:41:03	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	114619.54	115612.12	114620.04	114950.57	0.50	ppb
Antimony	121-1	539.59	600.32	595.63	578.51	5.84	ppb
Arsenic	75-2	2576.40	2566.86	2564.51	2569.26	0.24	ppb
Barium	135-1	5971.58	6618.77	6607.28	6399.21	5.79	ppb
Barium	137-1	6079.53	6597.44	6582.09	6419.68	4.59	ppb
Beryllium	9-1	661.71	667.81	673.78	667.76	0.90	ppb
Bismuth	209-1				112		%
Bismuth	209-2				102		%
Boron	10-1	405.27	424.07	430.83	420.06	3.15	ppb
Boron	11-1	421.83	453.56	475.24	450.21	5.97	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1979.36	2182.70	2207.39	2123.15	5.89	ppb
Cadmium	106-1	1576.90	1743.92	1766.60	1695.81	6.11	ppb
Cadmium	108-1	1645.58	1849.87	1852.33	1782.59	6.66	ppb
Calcium	43-1	71077.59	79127.03	80150.59	76785.07	6.47	ppb
Calcium	44-1	71512.88	79026.56	79678.25	76739.23	5.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	908.52	894.00	884.60	895.70	1.35	ppb
Cobalt	59-2	1353.91	1341.27	1342.44	1345.87	0.52	ppb
Copper	63-2	1895.88	1862.08	1860.23	1872.73	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				121		%
Holmium	165-2				113		%
Indium	115-1				111		%
Indium	115-2				102		%
Iron	56-2	192008.70	192297.49	192843.03	192383.08	0.22	ppb
Iron	57-2	193084.88	191802.93	191120.28	192002.70	0.52	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	N5317-11	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 13:41:03	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	192596.22	193709.39	192447.85	192917.82	0.36	ppb
Krypton	83-1						cps
Lead	206-1	2825.64	3055.28	3110.27	2997.06	5.04	ppb
Lead	207-1	2719.50	2942.25	3031.83	2897.86	5.55	ppb
Lead	208-1	2790.96	3029.52	3052.04	2957.51	4.89	ppb
Lithium	6-1				321		%
Magnesium	24-2	57645.04	58176.33	58153.96	57991.78	0.52	ppb
Manganese	55-2	10593.90	10548.03	10483.55	10541.83	0.53	ppb
Molybdenum	94-1	1534.46	1655.68	1673.47	1621.20	4.67	ppb
Molybdenum	95-1	1832.99	1964.96	1969.29	1922.41	4.03	ppb
Molybdenum	96-1	1804.86	1963.58	1919.78	1896.07	4.32	ppb
Molybdenum	97-1	1811.68	1982.51	1989.54	1927.91	5.22	ppb
Molybdenum	98-1	1831.24	1932.98	1994.02	1919.41	4.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4292.94	4259.54	4293.84	4282.11	0.46	ppb
Phosphorus	31-2	8265.54	8159.14	8176.21	8200.30	0.70	ppb
Potassium	39-2	25411.63	25285.34	25266.15	25321.04	0.31	ppb
Rhodium	103-1				107		%
Rhodium	103-2				103		%
Scandium	45-1				121		%
Scandium	45-2				115		%
Selenium	82-1	1684.01	1829.95	1818.40	1777.46	4.56	ppb
Selenium	77-2	1815.54	1835.79	1812.14	1821.16	0.70	ppb
Selenium	78-2	1784.59	1775.85	1783.99	1781.48	0.27	ppb
Silicon	28-1	231.11	260.24	268.65	253.33	7.78	ppb
Silver	107-1	392.83	432.62	436.18	420.54	5.72	ppb
Silver	109-1	397.23	434.03	432.84	421.37	4.96	ppb
Sodium	23-2	54106.15	53693.10	53580.17	53793.14	0.51	ppb
Strontium	86-1	1376.63	1478.56	1484.46	1446.55	4.19	ppb
Strontium	88-1	1372.38	1480.98	1499.68	1451.01	4.74	ppb
Sulfur	34-1	-632.22	-236.89	-181.01	-350.04		ppb
Terbium	159-1				120		%
Terbium	159-2				112		%
Thallium	203-1	2838.86	3046.50	3137.65	3007.67	5.09	ppb
Thallium	205-1	2849.14	3085.30	3112.06	3015.50	4.80	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	N5317-11	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 13:41:03	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	1332.21	1476.40	1494.23	1434.28	6.19	ppb
Titanium	47-1	4797.39	5235.34	5269.54	5100.75	5.16	ppb
Uranium	238-1	611.54	661.00	677.21	649.91	5.26	ppb
Vanadium	51-2	1536.03	1523.56	1528.18	1529.26	0.41	ppb
Yttrium	89-1				134		%
Yttrium	89-2				128		%
Zinc	66-2	1801.34	1786.86	1788.91	1792.37	0.44	ppb
Zirconium	90-1	30.90	34.27	33.96	33.04	5.64	ppb
Zirconium	91-1	31.33	33.95	34.81	33.36	5.43	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	N5317-11DL4REX20	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL4RE	Dilution Factor :	20
Date & Time Acquired :	2022-12-06 13:49:06	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6206.00	6204.58	6268.49	6226.36	0.59	ppb
Antimony	121-1	31.26	31.71	32.09	31.69	1.31	ppb
Arsenic	75-2	147.53	149.63	145.90	147.69	1.27	ppb
Barium	135-1	305.80	306.58	305.85	306.08	0.14	ppb
Barium	137-1	302.58	302.97	306.25	303.93	0.66	ppb
Beryllium	9-1	109.83	109.31	114.21	111.12	2.42	ppb
Bismuth	209-1				111		%
Bismuth	209-2				108		%
Boron	10-1	86.50	85.59	92.69	88.26	4.37	ppb
Boron	11-1	91.08	92.14	98.90	94.04	4.51	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	113.82	113.53	115.76	114.37	1.06	ppb
Cadmium	106-1	85.43	84.73	89.81	86.66	3.18	ppb
Cadmium	108-1	91.84	94.59	94.29	93.57	1.61	ppb
Calcium	43-1	4585.77	4653.68	4519.61	4586.35	1.46	ppb
Calcium	44-1	4171.99	4225.34	4176.81	4191.38	0.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.54	49.94	49.66	49.71	0.41	ppb
Cobalt	59-2	75.46	74.73	74.47	74.88	0.68	ppb
Copper	63-2	105.84	105.21	104.86	105.30	0.47	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				112		%
Holmium	165-2				109		%
Indium	115-1				110		%
Indium	115-2				106		%
Iron	56-2	11262.04	11032.11	11019.47	11104.54	1.23	ppb
Iron	57-2	11418.18	11428.23	11439.44	11428.62	0.09	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	N5317-11DL4REX20	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL4RE	Dilution Factor :	20
Date & Time Acquired :	2022-12-06 13:49:06	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	11497.80	11045.43	11169.69	11237.64	2.08	ppb
Krypton	83-1						cps
Lead	206-1	139.90	139.33	141.95	140.39	0.98	ppb
Lead	207-1	132.89	131.56	134.24	132.90	1.01	ppb
Lead	208-1	141.02	140.07	142.76	141.29	0.97	ppb
Lithium	6-1				97		%
Magnesium	24-2	3153.73	3101.56	3131.46	3128.92	0.84	ppb
Manganese	55-2	592.38	584.72	585.20	587.43	0.73	ppb
Molybdenum	94-1	97.34	98.94	100.09	98.79	1.40	ppb
Molybdenum	95-1	113.29	115.01	116.53	114.94	1.41	ppb
Molybdenum	96-1	111.80	115.04	114.59	113.81	1.54	ppb
Molybdenum	97-1	114.41	115.40	116.10	115.30	0.74	ppb
Molybdenum	98-1	113.54	115.16	115.66	114.79	0.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	240.64	236.85	237.47	238.32	0.85	ppb
Phosphorus	31-2	426.85	405.89	396.22	409.65	3.82	ppb
Potassium	39-2	1482.47	1481.39	1474.97	1479.61	0.27	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	82-1	103.48	104.60	104.91	104.33	0.72	ppb
Selenium	77-2	106.51	93.85	111.46	103.94	8.73	ppb
Selenium	78-2	101.34	105.15	109.30	105.26	3.79	ppb
Silicon	28-1	12.81	9.96	10.62	11.13	13.39	ppb
Silver	107-1	20.25	20.59	20.81	20.55	1.38	ppb
Silver	109-1	20.40	20.48	21.28	20.72	2.34	ppb
Sodium	23-2	2957.59	2939.17	2870.81	2922.52	1.56	ppb
Strontium	86-1	84.23	85.60	84.71	84.85	0.82	ppb
Strontium	88-1	85.45	84.46	83.37	84.42	1.24	ppb
Sulfur	34-1	-777.81	-870.41	-957.08	-868.43		ppb
Terbium	159-1				113		%
Terbium	159-2				109		%
Thallium	203-1	140.30	140.46	143.04	141.27	1.09	ppb
Thallium	205-1	147.76	147.66	148.09	147.84	0.15	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	N5317-11DL4REX20	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL4RE	Dilution Factor :	20
Date & Time Acquired :	2022-12-06 13:49:06	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	73.45	72.78	74.96	73.73	1.51	ppb
Titanium	47-1	279.16	285.60	278.26	281.00	1.43	ppb
Uranium	238-1	27.88	27.80	28.18	27.95	0.71	ppb
Vanadium	51-2	83.57	84.28	83.84	83.90	0.43	ppb
Yttrium	89-1				110		%
Yttrium	89-2				108		%
Zinc	66-2	104.41	102.74	103.03	103.39	0.86	ppb
Zirconium	90-1	1.92	1.87	1.94	1.91	1.91	ppb
Zirconium	91-1	1.97	1.95	1.83	1.91	3.93	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	N5317-11DL4X20	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL4	Dilution Factor :	20
Date & Time Acquired :	2022-12-06 13:51:54	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6374.28	6307.42	6299.14	6326.95	0.65	ppb
Antimony	121-1	29.42	31.30	30.64	30.45	3.13	ppb
Arsenic	75-2	155.69	153.22	156.89	155.27	1.21	ppb
Barium	135-1	322.49	339.76	340.33	334.19	3.03	ppb
Barium	137-1	320.78	339.96	338.29	333.01	3.19	ppb
Beryllium	9-1	109.70	112.18	112.06	111.31	1.26	ppb
Bismuth	209-1				112		%
Bismuth	209-2				107		%
Boron	10-1	82.31	86.41	87.29	85.34	3.11	ppb
Boron	11-1	87.08	91.36	92.42	90.29	3.14	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	114.67	119.95	119.44	118.02	2.47	ppb
Cadmium	106-1	88.37	93.44	91.59	91.13	2.82	ppb
Cadmium	108-1	96.33	101.36	98.33	98.67	2.57	ppb
Calcium	43-1	4486.68	4678.33	4806.88	4657.30	3.46	ppb
Calcium	44-1	4154.77	4211.92	4300.33	4222.34	1.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.51	50.85	50.57	50.64	0.36	ppb
Cobalt	59-2	76.82	76.72	77.12	76.89	0.27	ppb
Copper	63-2	107.80	110.07	108.50	108.79	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				114		%
Holmium	165-2				109		%
Indium	115-1				111		%
Indium	115-2				106		%
Iron	56-2	10801.71	10862.89	10749.30	10804.63	0.53	ppb
Iron	57-2	11145.29	11286.46	11172.48	11201.41	0.67	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	N5317-11DL4X20	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL4	Dilution Factor :	20
Date & Time Acquired :	2022-12-06 13:51:54	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	10785.77	10849.46	10926.87	10854.03	0.65	ppb
Krypton	83-1						cps
Lead	206-1	140.06	145.34	146.60	144.00	2.41	ppb
Lead	207-1	133.74	137.51	139.25	136.84	2.06	ppb
Lead	208-1	141.65	146.67	147.51	145.28	2.18	ppb
Lithium	6-1				100		%
Magnesium	24-2	3252.05	3234.92	3205.60	3230.86	0.73	ppb
Manganese	55-2	599.49	601.26	600.17	600.31	0.15	ppb
Molybdenum	94-1	98.21	102.81	102.10	101.04	2.45	ppb
Molybdenum	95-1	114.31	120.32	119.28	117.97	2.72	ppb
Molybdenum	96-1	113.89	118.20	118.66	116.92	2.25	ppb
Molybdenum	97-1	114.82	120.80	119.21	118.28	2.62	ppb
Molybdenum	98-1	114.98	120.68	119.24	118.30	2.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	245.26	245.86	245.62	245.58	0.12	ppb
Phosphorus	31-2	428.46	390.35	426.55	415.12	5.17	ppb
Potassium	39-2	1534.47	1526.04	1532.26	1530.92	0.29	ppb
Rhodium	103-1				108		%
Rhodium	103-2				107		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	82-1	102.33	107.79	111.13	107.08	4.15	ppb
Selenium	77-2	97.41	99.10	106.08	100.86	4.56	ppb
Selenium	78-2	108.25	110.03	106.32	108.20	1.72	ppb
Silicon	28-1	10.24	12.48	15.88	12.87	22.07	ppb
Silver	107-1	22.81	23.71	23.75	23.42	2.26	ppb
Silver	109-1	22.72	23.63	23.81	23.39	2.50	ppb
Sodium	23-2	2964.10	2991.59	2987.52	2981.07	0.50	ppb
Strontium	86-1	86.40	90.37	89.86	88.88	2.43	ppb
Strontium	88-1	83.61	88.48	89.40	87.16	3.57	ppb
Sulfur	34-1	-947.17	-798.69	-779.96	-841.94		ppb
Terbium	159-1				113		%
Terbium	159-2				109		%
Thallium	203-1	141.71	146.56	146.74	145.00	1.97	ppb
Thallium	205-1	144.78	152.70	151.46	149.65	2.85	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	N5317-11DL4X20	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL4	Dilution Factor :	20
Date & Time Acquired :	2022-12-06 13:51:54	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	74.12	77.73	77.97	76.61	2.82	ppb
Titanium	47-1	279.53	295.54	302.77	292.61	4.06	ppb
Uranium	238-1	28.11	29.15	29.10	28.79	2.04	ppb
Vanadium	51-2	85.02	85.92	85.07	85.34	0.59	ppb
Yttrium	89-1				110		%
Yttrium	89-2				107		%
Zinc	66-2	107.44	104.01	103.99	105.14	1.89	ppb
Zirconium	90-1	1.95	2.32	1.93	2.07	10.48	ppb
Zirconium	91-1	1.80	1.93	2.06	1.93	6.50	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P7
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 13:55:00	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49049.92	49171.57	49587.37	49269.62	0.57	ppb
Antimony	121-1	492.75	492.45	489.12	491.44	0.41	ppb
Arsenic	75-2	480.31	463.36	484.62	476.09	2.36	ppb
Barium	135-1	2564.11	2554.44	2509.49	2542.68	1.15	ppb
Barium	137-1	2543.78	2551.58	2525.34	2540.23	0.53	ppb
Beryllium	9-1	545.37	530.65	530.43	535.48	1.60	ppb
Bismuth	209-1				98		%
Bismuth	209-2				94		%
Boron	10-1	556.73	559.35	569.79	561.96	1.23	ppb
Boron	11-1	583.03	571.86	575.56	576.82	0.99	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	511.01	509.41	499.54	506.66	1.23	ppb
Cadmium	106-1	502.36	498.17	500.10	500.21	0.42	ppb
Cadmium	108-1	505.26	498.88	500.07	501.40	0.68	ppb
Calcium	43-1	259853.83	257891.22	254830.02	257525.02	0.98	ppb
Calcium	44-1	254382.83	256520.87	255732.62	255545.44	0.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	483.42	491.23	479.05	484.56	1.27	ppb
Cobalt	59-2	489.77	486.43	483.25	486.48	0.67	ppb
Copper	63-2	4923.63	5000.16	4922.73	4948.84	0.90	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				110		%
Holmium	165-2				107		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	127007.08	128892.19	126096.70	127331.99	1.12	ppb
Iron	57-2	128588.76	128698.32	126032.88	127773.32	1.18	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P7
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 13:55:00	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	127036.74	128850.40	127085.49	127657.54	0.81	ppb
Krypton	83-1						cps
Lead	206-1	2506.78	2562.95	2567.34	2545.69	1.33	ppb
Lead	207-1	2495.08	2563.49	2569.95	2542.84	1.63	ppb
Lead	208-1	2505.40	2558.96	2544.77	2536.38	1.09	ppb
Lithium	6-1				83		%
Magnesium	24-2	248615.47	246529.31	249023.04	248055.94	0.54	ppb
Manganese	55-2	4743.63	4842.67	4788.88	4791.73	1.03	ppb
Molybdenum	94-1	5484.21	5585.10	5471.20	5513.50	1.13	ppb
Molybdenum	95-1	5524.65	5516.83	5390.42	5477.30	1.38	ppb
Molybdenum	96-1	5556.75	5519.79	5485.13	5520.55	0.65	ppb
Molybdenum	97-1	5610.38	5606.28	5554.11	5590.26	0.56	ppb
Molybdenum	98-1	5542.75	5567.22	5441.72	5517.23	1.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	500.92	504.15	496.33	500.47	0.78	ppb
Phosphorus	31-2	9611.88	9679.92	9601.49	9631.10	0.44	ppb
Potassium	39-2	123193.54	123804.98	123536.87	123511.80	0.25	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	496.34	500.32	488.84	495.17	1.18	ppb
Selenium	77-2	495.29	459.08	495.69	483.35	4.35	ppb
Selenium	78-2	486.89	469.49	485.84	480.74	2.03	ppb
Silicon	28-1	542.21	537.84	534.71	538.26	0.70	ppb
Silver	107-1	508.48	501.48	497.59	502.52	1.10	ppb
Silver	109-1	508.85	502.60	487.04	499.50	2.25	ppb
Sodium	23-2	245934.69	247862.79	246180.06	246659.18	0.43	ppb
Strontium	86-1	12409.51	12516.50	12359.17	12428.40	0.65	ppb
Strontium	88-1	12437.53	12446.28	12255.87	12379.89	0.87	ppb
Sulfur	34-1	9332.57	9309.20	9084.08	9241.95	1.48	ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	509.40	517.01	519.89	515.43	1.05	ppb
Thallium	205-1	506.85	506.99	508.42	507.42	0.17	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P7
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 13:55:00	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	505.28	501.41	480.97	495.88	2.63	ppb
Titanium	47-1	5518.62	5567.11	5505.19	5530.31	0.59	ppb
Uranium	238-1	495.56	501.09	507.32	501.32	1.17	ppb
Vanadium	51-2	498.16	496.95	493.84	496.32	0.45	ppb
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-2	4859.71	4964.24	4874.22	4899.39	1.16	ppb
Zirconium	90-1	496.54	510.23	497.93	501.57	1.50	ppb
Zirconium	91-1	501.41	492.24	492.24	495.30	1.07	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P7
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 14:07:20	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.22	0.05	0.42	0.23	79.25	ppb
Antimony	121-1	0.02	0.03	0.03	0.03	19.47	ppb
Arsenic	75-2	0.04	0.01	0.03	0.02	60.44	ppb
Barium	135-1	0.03	0.01	0.01	0.02	90.35	ppb
Barium	137-1	-0.02	-0.02	-0.01	-0.01		ppb
Beryllium	9-1	0.30	0.26	0.30	0.29	6.94	ppb
Bismuth	209-1				111		%
Bismuth	209-2				107		%
Boron	10-1	8.70	8.27	8.62	8.53	2.71	ppb
Boron	11-1	9.44	8.95	9.32	9.24	2.76	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.04	-0.07	-0.07	-0.06		ppb
Cadmium	106-1	-2.69	-3.66	-3.17	-3.17		ppb
Cadmium	108-1	-0.04	-0.07	-0.02	-0.04		ppb
Calcium	43-1	-2.36	-0.63	-3.68	-2.22		ppb
Calcium	44-1	-60.60	-57.82	-61.45	-59.96		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.00	0.01	0.01	153.98	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	112.38	ppb
Copper	63-2	0.06	0.07	-0.03	0.03	167.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				108		%
Indium	115-1				108		%
Indium	115-2				107		%
Iron	56-2	0.85	0.62	0.63	0.70	18.49	ppb
Iron	57-2	-0.61	-0.06	0.59	-0.03		ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P7
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 14:07:20	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.20	1.64	0.86	0.90	80.21	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.07	0.08	0.07	8.54	ppb
Lead	207-1	0.06	0.05	0.07	0.06	17.32	ppb
Lead	208-1	0.06	0.06	0.07	0.06	7.48	ppb
Lithium	6-1				92		%
Magnesium	24-2	-0.49	-0.70	-0.94	-0.71		ppb
Manganese	55-2	-0.01	0.03	0.00	0.01	220.16	ppb
Molybdenum	94-1	0.03	0.06	0.05	0.05	35.80	ppb
Molybdenum	95-1	0.03	0.02	0.02	0.02	27.46	ppb
Molybdenum	96-1	0.03	0.03	0.01	0.02	62.97	ppb
Molybdenum	97-1	0.03	0.02	0.03	0.03	26.68	ppb
Molybdenum	98-1	0.02	0.02	0.01	0.02	37.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.19	-0.14	-0.14	-0.16		ppb
Phosphorus	31-2	-35.36	-77.88	-64.64	-59.29		ppb
Potassium	39-2	1.57	6.65	1.60	3.27	89.40	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	82-1	0.08	-0.64	-0.68	-0.41		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.60	-1.03	-0.32	-0.25		ppb
Silicon	28-1	-0.74	-0.78	-1.07	-0.86		ppb
Silver	107-1	0.01	0.01	0.00	0.01	36.38	ppb
Silver	109-1	0.00	0.01	0.00	0.00	42.96	ppb
Sodium	23-2	5.54	6.78	5.16	5.83	14.51	ppb
Strontium	86-1	0.05	0.00	0.00	0.02	195.52	ppb
Strontium	88-1	0.00	0.00	0.01	0.00	95.53	ppb
Sulfur	34-1	-350.89	-299.14	-346.65	-332.23		ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	0.06	0.06	0.07	0.06	6.32	ppb
Thallium	205-1	0.06	0.05	0.06	0.06	7.43	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P7
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 14:07:20	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	-0.05	-0.04	-0.04	-0.05		ppb
Titanium	47-1	-0.02	-0.01	-0.01	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	198.97	ppb
Yttrium	89-1				106		%
Yttrium	89-2				106		%
Zinc	66-2	0.10	-0.15	-0.12	-0.06		ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00		ppb
Zirconium	91-1	-0.01	0.01	0.02	0.00	325.13	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	PB148642BL	Instrumnet Name :	P7
Client Sample ID :	PB148642BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 14:10:12	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.05	1.84	2.00	1.63	31.29	ppb
Antimony	121-1	0.01	0.02	0.02	0.02	30.41	ppb
Arsenic	75-2	0.01	0.01	0.01	0.01	1.67	ppb
Barium	135-1	0.00	0.00	-0.01	0.00		ppb
Barium	137-1	-0.01	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.25	0.24	0.24	0.25	3.03	ppb
Bismuth	209-1				113		%
Bismuth	209-2				107		%
Boron	10-1	7.03	8.12	7.24	7.46	7.76	ppb
Boron	11-1	7.52	7.87	7.67	7.69	2.32	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.06	-0.02	-0.05	-0.04		ppb
Cadmium	106-1	-3.01	-1.41	-2.96	-2.46		ppb
Cadmium	108-1	-0.02	0.04	-0.10	-0.02		ppb
Calcium	43-1	-4.21	-1.36	-3.11	-2.89		ppb
Calcium	44-1	-63.36	-65.49	-63.36	-64.07		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.03	0.01	0.03	52.28	ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.08	0.05	0.04	0.06	28.97	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				112		%
Holmium	165-2				109		%
Indium	115-1				112		%
Indium	115-2				107		%
Iron	56-2	0.68	0.68	0.56	0.64	11.16	ppb
Iron	57-2	-0.31	-1.60	-0.35	-0.75		ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	PB148642BL	Instrumnet Name :	P7
Client Sample ID :	PB148642BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 14:10:12	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-0.17	-0.18	-0.15	-0.17		ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.06	0.04	0.06	28.28	ppb
Lead	207-1	0.05	0.06	0.07	0.06	15.80	ppb
Lead	208-1	0.06	0.07	0.05	0.06	9.98	ppb
Lithium	6-1				92		%
Magnesium	24-2	-0.96	-0.45	-0.47	-0.63		ppb
Manganese	55-2	0.01	0.02	0.02	0.02	31.80	ppb
Molybdenum	94-1	0.02	0.01	-0.01	0.01	160.49	ppb
Molybdenum	95-1	0.01	0.03	0.00	0.01	112.16	ppb
Molybdenum	96-1	0.00	0.01	0.00	0.01	134.89	ppb
Molybdenum	97-1	0.02	0.01	0.02	0.02	31.37	ppb
Molybdenum	98-1	0.02	0.01	0.02	0.02	31.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.10	-0.16	-0.17	-0.14		ppb
Phosphorus	31-2	-50.75	-44.02	-53.46	-49.41		ppb
Potassium	39-2	2.61	7.68	9.28	6.52	53.33	ppb
Rhodium	103-1				109		%
Rhodium	103-2				108		%
Scandium	45-1				107		%
Scandium	45-2				102		%
Selenium	82-1	-0.14	-0.03	-0.66	-0.28		ppb
Selenium	77-2	0.00	0.31	0.00	0.10	173.21	ppb
Selenium	78-2	-0.44	-0.98	-0.19	-0.53		ppb
Silicon	28-1	-1.30	-1.51	-0.83	-1.22		ppb
Silver	107-1	0.01	0.01	0.01	0.01	32.57	ppb
Silver	109-1	0.01	0.00	0.00	0.00	32.48	ppb
Sodium	23-2	4.67	3.24	2.36	3.42	34.04	ppb
Strontium	86-1	-0.01	0.01	-0.01	0.00		ppb
Strontium	88-1	0.00	0.01	0.01	0.00	35.60	ppb
Sulfur	34-1	-478.48	-463.62	-427.81	-456.64		ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	0.05	0.04	0.05	0.05	8.58	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	1.28	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	PB148642BL	Instrumnet Name :	P7
Client Sample ID :	PB148642BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 14:10:12	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	-0.03	-0.03	-0.03	-0.03		ppb
Titanium	47-1	-0.05	-0.03	0.01	-0.03		ppb
Uranium	238-1	0.00	0.01	0.00	0.00	189.36	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	95.01	ppb
Yttrium	89-1				110		%
Yttrium	89-2				106		%
Zinc	66-2	0.19	-0.07	0.13	0.08	166.26	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.01	0.00	0.01	0.00	79.70	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	PB148642BS	Instrumnet Name :	P7
Client Sample ID :	PB148642BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 14:13:05	DataFile Name :	040LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10196.09	10270.57	10216.41	10227.69	0.38	ppb
Antimony	121-1	486.77	500.10	504.82	497.23	1.88	ppb
Arsenic	75-2	476.55	493.13	491.37	487.02	1.87	ppb
Barium	135-1	2476.52	2531.39	2554.81	2520.91	1.59	ppb
Barium	137-1	2458.95	2560.99	2529.27	2516.40	2.08	ppb
Beryllium	9-1	506.65	508.11	529.10	514.62	2.44	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	10-1	361.41	375.19	415.43	384.01	7.31	ppb
Boron	11-1	371.99	387.88	409.13	389.66	4.78	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	484.66	500.46	505.50	496.87	2.19	ppb
Cadmium	106-1	471.74	496.94	511.64	493.44	4.09	ppb
Cadmium	108-1	488.05	498.63	492.44	493.04	1.08	ppb
Calcium	43-1	57885.18	56368.17	56624.83	56959.40	1.43	ppb
Calcium	44-1	53484.67	54425.41	54628.63	54179.57	1.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	506.93	502.04	502.40	503.79	0.54	ppb
Cobalt	59-2	517.81	505.44	514.05	512.43	1.24	ppb
Copper	63-2	5198.34	5138.60	5101.02	5145.98	0.95	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				113		%
Holmium	165-2				108		%
Indium	115-1				107		%
Indium	115-2				101		%
Iron	56-2	27005.47	26800.35	26767.76	26857.86	0.48	ppb
Iron	57-2	26657.24	26831.99	26946.20	26811.81	0.54	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	PB148642BS	Instrumnet Name :	P7
Client Sample ID :	PB148642BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 14:13:05	DataFile Name :	040LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	26823.58	27382.66	26981.65	27062.63	1.06	ppb
Krypton	83-1						cps
Lead	206-1	2476.82	2493.32	2477.42	2482.52	0.38	ppb
Lead	207-1	2427.46	2527.89	2442.24	2465.86	2.20	ppb
Lead	208-1	2439.71	2504.25	2455.55	2466.50	1.36	ppb
Lithium	6-1				93		%
Magnesium	24-2	50919.86	50371.77	51150.75	50814.13	0.79	ppb
Manganese	55-2	5050.46	5039.27	4979.79	5023.17	0.76	ppb
Molybdenum	94-1	5246.91	5212.60	5361.85	5273.79	1.48	ppb
Molybdenum	95-1	5314.75	5248.15	5370.65	5311.18	1.15	ppb
Molybdenum	96-1	5235.93	5304.55	5384.97	5308.48	1.41	ppb
Molybdenum	97-1	5263.54	5403.56	5455.46	5374.19	1.85	ppb
Molybdenum	98-1	5201.38	5338.39	5385.26	5308.35	1.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.97	502.97	503.30	504.75	0.55	ppb
Phosphorus	31-2	9641.91	9655.02	9719.57	9672.17	0.43	ppb
Potassium	39-2	25323.67	25012.02	25294.27	25209.99	0.68	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				106		%
Scandium	45-2				100		%
Selenium	82-1	478.68	484.89	489.31	484.29	1.10	ppb
Selenium	77-2	477.54	470.72	464.14	470.80	1.42	ppb
Selenium	78-2	472.05	476.25	486.53	478.27	1.56	ppb
Silicon	28-1	354.44	355.69	351.25	353.79	0.65	ppb
Silver	107-1	496.05	504.88	509.60	503.51	1.37	ppb
Silver	109-1	501.41	501.72	504.78	502.64	0.37	ppb
Sodium	23-2	52071.34	51343.24	50978.37	51464.32	1.08	ppb
Strontium	86-1	12078.58	12184.69	12401.08	12221.45	1.34	ppb
Strontium	88-1	11852.30	12210.15	12349.54	12137.33	2.11	ppb
Sulfur	34-1	9054.14	9204.34	8960.32	9072.93	1.36	ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	487.58	494.69	498.31	493.53	1.11	ppb
Thallium	205-1	490.43	487.73	491.51	489.89	0.40	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	PB148642BS	Instrumnet Name :	P7
Client Sample ID :	PB148642BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 14:13:05	DataFile Name :	040LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	486.64	498.23	501.64	495.50	1.59	ppb
Titanium	47-1	5260.39	5364.18	5264.73	5296.43	1.11	ppb
Uranium	238-1	454.75	472.84	468.39	465.32	2.03	ppb
Vanadium	51-2	493.37	503.42	493.91	496.90	1.14	ppb
Yttrium	89-1				108		%
Yttrium	89-2				103		%
Zinc	66-2	5114.28	5139.20	5155.14	5136.21	0.40	ppb
Zirconium	90-1	475.61	482.25	483.20	480.35	0.86	ppb
Zirconium	91-1	469.68	471.64	480.14	473.82	1.17	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P7
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 14:17:49	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50535.51	50115.58	49826.76	50159.28	0.71	ppb
Antimony	121-1	465.64	483.14	484.74	477.84	2.22	ppb
Arsenic	75-2	467.35	467.92	468.65	467.97	0.14	ppb
Barium	135-1	2368.94	2425.40	2470.18	2421.51	2.09	ppb
Barium	137-1	2341.24	2440.96	2451.58	2411.26	2.52	ppb
Beryllium	9-1	496.63	526.76	519.82	514.40	3.07	ppb
Bismuth	209-1				100		%
Bismuth	209-2				95		%
Boron	10-1	505.93	546.10	544.12	532.05	4.25	ppb
Boron	11-1	517.38	569.08	563.02	549.83	5.14	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	463.00	482.87	485.80	477.22	2.60	ppb
Cadmium	106-1	458.22	486.11	490.56	478.30	3.66	ppb
Cadmium	108-1	465.23	478.32	479.94	474.50	1.70	ppb
Calcium	43-1	236378.91	257555.41	249430.96	247788.43	4.31	ppb
Calcium	44-1	235915.71	254201.68	248733.54	246283.64	3.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	481.37	484.69	498.43	488.16	1.85	ppb
Cobalt	59-2	479.84	482.79	483.64	482.09	0.41	ppb
Copper	63-2	4871.60	4922.55	4934.70	4909.61	0.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	127037.05	125666.19	126343.62	126348.95	0.54	ppb
Iron	57-2	127986.16	128115.28	126768.41	127623.28	0.58	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P7
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 14:17:49	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	126772.32	126260.52	126882.62	126638.49	0.26	ppb
Krypton	83-1						cps
Lead	206-1	2394.80	2448.93	2495.32	2446.35	2.06	ppb
Lead	207-1	2354.99	2448.41	2475.62	2426.34	2.61	ppb
Lead	208-1	2360.05	2457.11	2473.47	2430.21	2.52	ppb
Lithium	6-1				89		%
Magnesium	24-2	252591.91	254943.47	252301.69	253279.02	0.57	ppb
Manganese	55-2	4815.42	4785.71	4809.52	4803.55	0.33	ppb
Molybdenum	94-1	5199.58	5396.38	5429.43	5341.80	2.33	ppb
Molybdenum	95-1	5152.22	5424.67	5432.30	5336.40	2.99	ppb
Molybdenum	96-1	5155.00	5429.72	5414.14	5332.95	2.89	ppb
Molybdenum	97-1	5207.38	5400.58	5459.61	5355.86	2.46	ppb
Molybdenum	98-1	5182.73	5396.55	5439.80	5339.69	2.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	488.10	489.56	486.59	488.09	0.30	ppb
Phosphorus	31-2	9416.93	9652.18	9696.79	9588.63	1.57	ppb
Potassium	39-2	125830.32	123056.74	121823.81	123570.29	1.66	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	82-1	461.93	477.64	484.91	474.83	2.47	ppb
Selenium	77-2	482.96	480.43	472.99	478.79	1.08	ppb
Selenium	78-2	469.86	478.52	478.33	475.57	1.04	ppb
Silicon	28-1	507.96	547.77	525.87	527.20	3.78	ppb
Silver	107-1	472.30	494.18	488.76	485.08	2.35	ppb
Silver	109-1	468.53	486.62	484.29	479.81	2.05	ppb
Sodium	23-2	248205.34	248352.58	248553.78	248370.57	0.07	ppb
Strontium	86-1	11652.74	12126.55	12028.97	11936.09	2.10	ppb
Strontium	88-1	11671.58	12329.20	12181.97	12060.92	2.86	ppb
Sulfur	34-1	8390.78	8984.48	8958.15	8777.80	3.82	ppb
Terbium	159-1				110		%
Terbium	159-2				106		%
Thallium	203-1	487.22	498.94	509.23	498.46	2.21	ppb
Thallium	205-1	485.96	494.90	502.17	494.34	1.64	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P7
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 14:17:49	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	465.16	481.77	483.87	476.93	2.15	ppb
Titanium	47-1	5080.03	5560.37	5453.84	5364.75	4.70	ppb
Uranium	238-1	481.28	483.10	488.45	484.28	0.77	ppb
Vanadium	51-2	486.50	495.43	493.32	491.75	0.95	ppb
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	4831.18	4931.72	4902.63	4888.51	1.06	ppb
Zirconium	90-1	468.89	489.17	486.94	481.67	2.31	ppb
Zirconium	91-1	469.02	485.71	485.72	480.15	2.01	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P7
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 14:26:44	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.98	0.82	1.13	0.98	15.52	ppb
Antimony	121-1	0.10	0.10	0.11	0.11	3.73	ppb
Arsenic	75-2	0.02	0.03	0.01	0.02	57.48	ppb
Barium	135-1	0.01	0.02	0.00	0.01	94.72	ppb
Barium	137-1	0.00	0.00	0.00	0.00	241.39	ppb
Beryllium	9-1	0.25	0.22	0.23	0.23	7.76	ppb
Bismuth	209-1				110		%
Bismuth	209-2				107		%
Boron	10-1	7.73	8.25	8.07	8.02	3.25	ppb
Boron	11-1	8.24	8.61	8.43	8.42	2.17	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.05	-0.07	-0.08	-0.07		ppb
Cadmium	106-1	-3.33	-3.64	-3.45	-3.47		ppb
Cadmium	108-1	-0.10	0.01	0.10	0.00	2136.09	ppb
Calcium	43-1	1.90	-0.66	1.82	1.02	142.35	ppb
Calcium	44-1	-63.75	-60.73	-63.96	-62.81		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.01	0.00	-0.01		ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	371.52	ppb
Copper	63-2	0.03	0.05	0.08	0.05	39.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				107		%
Indium	115-1				109		%
Indium	115-2				106		%
Iron	56-2	1.10	1.30	1.40	1.27	11.79	ppb
Iron	57-2	-0.52	-0.16	1.89	0.40	323.57	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P7
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 14:26:44	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.26	1.81	2.94	1.67	80.39	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.05	0.05	0.04	25.51	ppb
Lead	207-1	0.08	0.05	0.05	0.06	26.58	ppb
Lead	208-1	0.05	0.05	0.05	0.05	1.88	ppb
Lithium	6-1				94		%
Magnesium	24-2	0.18	0.40	0.49	0.35	45.56	ppb
Manganese	55-2	0.03	0.03	0.01	0.02	63.65	ppb
Molybdenum	94-1	0.11	0.09	0.08	0.09	19.24	ppb
Molybdenum	95-1	0.13	0.08	0.04	0.08	59.41	ppb
Molybdenum	96-1	0.11	0.08	0.06	0.09	31.78	ppb
Molybdenum	97-1	0.13	0.08	0.07	0.09	34.58	ppb
Molybdenum	98-1	0.14	0.07	0.08	0.09	39.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.18	-0.16	-0.16	-0.17		ppb
Phosphorus	31-2	-56.10	-45.00	-64.93	-55.34		ppb
Potassium	39-2	6.09	9.14	7.00	7.41	21.14	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	0.08	-0.29	0.16	-0.02		ppb
Selenium	77-2	0.30	0.00	0.00	0.10	173.21	ppb
Selenium	78-2	-0.15	0.19	-0.06	-0.01		ppb
Silicon	28-1	-0.21	-0.51	-0.69	-0.47		ppb
Silver	107-1	0.01	0.02	0.01	0.02	41.07	ppb
Silver	109-1	0.01	0.01	0.02	0.01	31.18	ppb
Sodium	23-2	9.37	12.72	10.88	10.99	15.25	ppb
Strontium	86-1	0.07	0.05	0.03	0.05	42.57	ppb
Strontium	88-1	0.07	0.05	0.05	0.06	19.53	ppb
Sulfur	34-1	-236.64	-164.37	-286.17	-229.06		ppb
Terbium	159-1				110		%
Terbium	159-2				108		%
Thallium	203-1	0.04	0.03	0.04	0.04	11.52	ppb
Thallium	205-1	0.03	0.04	0.04	0.04	13.60	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P7
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 14:26:44	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	-0.03	-0.04	-0.03	-0.03		ppb
Titanium	47-1	0.03	0.20	-0.01	0.07	154.03	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	51.29	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	88.52	ppb
Yttrium	89-1				106		%
Yttrium	89-2				106		%
Zinc	66-2	0.06	0.22	0.22	0.16	57.19	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	256.23	ppb
Zirconium	91-1	0.00	0.01	0.01	0.01	85.25	ppb

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 11:33:07	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	100	128	126	19.89	cps
Antimony	121-1	17	8	25	17	50.01	cps
Arsenic	75-2	2	6	6	4	49.54	cps
Barium	135-1	42	25	17	28	45.82	cps
Barium	137-1	83	67	125	92	32.77	cps
Beryllium	9-1	83	90	77	83	8.00	cps
Bismuth	209-1	6272383	6263809	6172215	6236135	0.89	cps
Bismuth	209-2	4361737	4356076	4309229	4342347	0.66	cps
Boron	10-1	433	483	400	439	9.56	cps
Boron	11-1	2234	1992	1984	2070	6.86	cps
Bromine	81-1	25014	25873	24763	25217	2.31	cps
Bromine	81-2	70	80	80	77	7.53	cps
Cadmium	111-1	1040	1048	970	1019	4.19	cps
Cadmium	106-1	5301	5234	4868	5134	4.55	cps
Cadmium	108-1	29	17	17	21	34.64	cps
Calcium	43-1	267	300	283	283	5.88	cps
Calcium	44-1	62478	63975	61943	62799	1.68	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	860	777	793	810	5.44	cps
Cobalt	59-2	107	97	100	101	5.04	cps
Copper	63-2	1647	1590	1390	1542	8.74	cps
Dysprosium	156-1	50	50	33	44	21.66	cps
Dysprosium	156-2	0	10	10	7	86.60	cps
Erbium	164-1	58	50	25	44	39.03	cps
Erbium	164-2	13	17	27	19	36.75	cps
Gadolinium	160-1	58	25	50	44	39.03	cps
Gadolinium	160-2	223	240	273	246	10.37	cps
Holmium	165-1	9786448	9795046	9853188	9811561	0.37	cps
Holmium	165-2	5767453	5710017	5571467	5682979	1.77	cps
Indium	115-1	7908061	7871139	7870040	7883080	0.27	cps
Indium	115-2	2315816	2316835	2292292	2308315	0.60	cps
Iron	56-2	10465	9909	9892	10089	3.23	cps
Iron	57-2	644	600	622	622	3.57	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 11:33:07	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1622	1692	1632	1648	2.30	cps
Krypton	83-1	330	350	277	319	11.89	cps
Lead	206-1	256	350	300	302	15.65	cps
Lead	207-1	250	211	178	213	16.97	cps
Lead	208-1	1083	1200	1106	1130	5.48	cps
Lithium	6-1	2779919	2736431	2827339	2781229	1.63	cps
Magnesium	24-2	922	1089	967	993	8.70	cps
Manganese	55-2	290	327	220	279	19.43	cps
Molybdenum	94-1	142	183	158	161	13.02	cps
Molybdenum	95-1	25	25	17	22	21.64	cps
Molybdenum	96-1	50	75	142	89	53.31	cps
Molybdenum	97-1	17	8	8	11	43.34	cps
Molybdenum	98-1	83	0	17	33	132.28	cps
Neodymium	150-1	0	0	20	7	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	477	443	367	429	13.15	cps
Phosphorus	31-2	2417	2492	2425	2445	1.68	cps
Potassium	39-2	64512	65424	63826	64587	1.24	cps
Rhodium	103-1	7402007	7340793	7413991	7385597	0.53	cps
Rhodium	103-2	3744103	3762122	3693205	3733143	0.96	cps
Scandium	45-1	5894134	5914090	5932617	5913614	0.33	cps
Scandium	45-2	408974	409306	405089	407790	0.57	cps
Selenium	82-1	-8	-46	39	-5	-875.77	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	194	193	200	196	1.97	cps
Silicon	28-1	1493547	1515889	1504816	1504751	0.74	cps
Silver	107-1	17	50	58	42	52.91	cps
Silver	109-1	25	33	8	22	57.29	cps
Sodium	23-2	80464	79638	81314	80472	1.04	cps
Strontium	86-1	575	583	617	592	3.73	cps
Strontium	88-1	558	392	375	442	22.95	cps
Sulfur	34-1	309013	305669	306485	307056	0.57	cps
Terbium	159-1	10114813	10135505	10217166	10155828	0.53	cps
Terbium	159-2	5734777	5790695	5747114	5757529	0.51	cps
Thallium	203-1	92	83	83	86	5.58	cps
Thallium	205-1	200	208	167	192	11.50	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 11:33:07	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	617	950	558	708	29.84	cps
Titanium	47-1	267	217	267	250	11.55	cps
Uranium	238-1	3	10	2	5	93.02	cps
Vanadium	51-2	10	17	3	10	66.70	cps
Yttrium	89-1	13248472	13026667	13104183	13126441	0.86	cps
Yttrium	89-2	2712522	2709588	2698617	2706909	0.27	cps
Zinc	66-2	497	500	617	538	12.71	cps
Zirconium	90-1	492	533	550	525	5.72	cps
Zirconium	91-1	108	58	100	89	30.14	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 11:35:58	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3706	3739	3617	3688	1.71	cps
Antimony	121-1	11680	12489	12748	12306	4.53	cps
Arsenic	75-2	376	294	346	339	12.17	cps
Barium	135-1	16885	17019	16627	16844	1.18	cps
Barium	137-1	29389	30024	30584	29999	1.99	cps
Beryllium	9-1	2023	2290	2150	2155	6.19	cps
Bismuth	209-1	5869442	5915748	6111569	5965586	2.15	cps
Bismuth	209-2	4332163	4271538	4303838	4302513	0.71	cps
Boron	10-1	5776	6135	6126	6012	3.40	cps
Boron	11-1	25931	27450	29228	27536	5.99	cps
Bromine	81-1	25481	24780	25698	25320	1.90	cps
Bromine	81-2	50	100	80	77	32.83	cps
Cadmium	111-1	2772	2797	2971	2846	3.82	cps
Cadmium	106-1	5134	5193	5434	5254	3.03	cps
Cadmium	108-1	163	138	142	147	9.10	cps
Calcium	43-1	12464	13423	13073	12986	3.74	cps
Calcium	44-1	268634	268818	271420	269624	0.58	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6388	6695	6818	6634	3.34	cps
Cobalt	59-2	4437	4667	4574	4560	2.54	cps
Copper	63-2	7879	7739	7832	7817	0.91	cps
Dysprosium	156-1	42	58	25	42	40.00	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	25	42	117	61	79.90	cps
Erbium	164-2	17	23	27	22	22.91	cps
Gadolinium	160-1	58	25	58	47	40.76	cps
Gadolinium	160-2	230	253	297	260	13.01	cps
Holmium	165-1	9376022	9428236	9745749	9516669	2.10	cps
Holmium	165-2	5646384	5680850	5799841	5709025	1.41	cps
Indium	115-1	7538986	7723558	8017566	7760037	3.11	cps
Indium	115-2	2338480	2329912	2296608	2321666	0.95	cps
Iron	56-2	144874	143023	142422	143440	0.89	cps
Iron	57-2	3989	4128	3795	3971	4.22	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 11:35:58	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	9373	9473	8902	9249	3.30	cps
Krypton	83-1	310	313	290	304	4.14	cps
Lead	206-1	5384	5557	5907	5616	4.74	cps
Lead	207-1	4907	5146	5240	5097	3.37	cps
Lead	208-1	22408	22502	23025	22645	1.47	cps
Lithium	6-1	2627416	2627287	2722106	2658936	2.06	cps
Magnesium	24-2	172820	171803	170736	171786	0.61	cps
Manganese	55-2	2550	2574	2797	2640	5.16	cps
Molybdenum	94-1	15250	15884	15834	15656	2.25	cps
Molybdenum	95-1	18779	19205	19505	19163	1.90	cps
Molybdenum	96-1	20014	21174	21099	20762	3.13	cps
Molybdenum	97-1	11530	11872	12197	11866	2.81	cps
Molybdenum	98-1	29823	29639	30407	29956	1.34	cps
Neodymium	150-1	13	13	13	13	0.00	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	1643	1553	1637	1611	3.11	cps
Phosphorus	31-2	2884	2542	2650	2692	6.49	cps
Potassium	39-2	244989	241297	241662	242649	0.84	cps
Rhodium	103-1	7044686	7034247	7226873	7101935	1.53	cps
Rhodium	103-2	3726260	3753051	3704451	3727921	0.65	cps
Scandium	45-1	5630208	5588335	5887351	5701965	2.84	cps
Scandium	45-2	414834	411058	409356	411749	0.68	cps
Selenium	82-1	654	614	614	627	3.72	cps
Selenium	77-2	47	17	53	39	50.22	cps
Selenium	78-2	328	378	367	357	7.35	cps
Silicon	28-1	1545472	1546129	1529970	1540524	0.59	cps
Silver	107-1	8194	8628	8611	8478	2.90	cps
Silver	109-1	7886	8303	8353	8180	3.13	cps
Sodium	23-2	359280	357268	358563	358370	0.28	cps
Strontium	86-1	2850	3009	3209	3023	5.94	cps
Strontium	88-1	21875	22985	22726	22529	2.58	cps
Sulfur	34-1	310889	309087	311254	310410	0.37	cps
Terbium	159-1	9749356	9771926	10127713	9882998	2.15	cps
Terbium	159-2	5838858	5855063	5846501	5846807	0.14	cps
Thallium	203-1	6535	6752	6860	6716	2.47	cps
Thallium	205-1	15626	16310	15918	15951	2.15	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 11:35:58	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	29314	28696	29698	29236	1.73	cps
Titanium	47-1	5910	6035	6060	6001	1.34	cps
Uranium	238-1	20762	21692	21783	21412	2.64	cps
Vanadium	51-2	12365	12515	12312	12397	0.85	cps
Yttrium	89-1	12451745	12549361	12924666	12641924	1.98	cps
Yttrium	89-2	2708105	2696986	2718913	2708001	0.40	cps
Zinc	66-2	1583	1647	1710	1647	3.85	cps
Zirconium	90-1	12781	13373	13690	13281	3.47	cps
Zirconium	91-1	2825	3059	2909	2931	4.04	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 11:38:51	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	204117	204032	202461	203537	0.46	cps
Antimony	121-1	317398	331507	330472	326459	2.41	cps
Arsenic	75-2	15788	15545	15668	15667	0.78	cps
Barium	135-1	447209	464025	465560	458931	2.22	cps
Barium	137-1	779985	811305	800349	797213	1.99	cps
Beryllium	9-1	100898	102005	104337	102414	1.71	cps
Bismuth	209-1	6696407	6128447	6246285	6357046	4.72	cps
Bismuth	209-2	4303776	4267625	4339073	4303491	0.83	cps
Boron	10-1	43077	47966	49605	46883	7.24	cps
Boron	11-1	201744	222507	224638	216297	5.85	cps
Bromine	81-1	24688	25740	25047	25158	2.13	cps
Bromine	81-2	160	110	90	120	30.05	cps
Cadmium	111-1	87028	89622	89740	88797	1.73	cps
Cadmium	106-1	15500	15200	15384	15361	0.98	cps
Cadmium	108-1	7235	7556	7765	7519	3.55	cps
Calcium	43-1	153767	158647	157386	156600	1.62	cps
Calcium	44-1	2246349	2327234	2338686	2304090	2.18	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	152862	152838	152835	152845	0.01	cps
Cobalt	59-2	227694	228842	230344	228960	0.58	cps
Copper	63-2	1574579	1596847	1582264	1584564	0.71	cps
Dysprosium	156-1	67	67	75	69	6.93	cps
Dysprosium	156-2	20	43	30	31	37.62	cps
Erbium	164-1	58	58	58	58	0.01	cps
Erbium	164-2	30	33	17	27	33.06	cps
Gadolinium	160-1	83	67	25	58	51.51	cps
Gadolinium	160-2	223	247	253	241	6.53	cps
Holmium	165-1	10929657	9725561	9758273	10137830	6.77	cps
Holmium	165-2	5735504	5577376	5725667	5679516	1.56	cps
Indium	115-1	8591658	7789660	7893081	8091466	5.39	cps
Indium	115-2	2308176	2282207	2264296	2284893	0.97	cps
Iron	56-2	6760807	6817063	6783251	6787040	0.42	cps
Iron	57-2	177446	177529	177035	177337	0.15	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 11:38:51	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	397956	402849	401457	400754	0.63	cps
Krypton	83-1	330	370	313	338	8.62	cps
Lead	206-1	1415351	1456958	1466836	1446382	1.89	cps
Lead	207-1	1268250	1326589	1314397	1303079	2.36	cps
Lead	208-1	5886180	6154294	6083616	6041363	2.30	cps
Lithium	6-1	3034612	2720145	2776297	2843685	5.90	cps
Magnesium	24-2	1838763	1829404	1822964	1830377	0.43	cps
Manganese	55-2	1128150	1125099	1129885	1127712	0.21	cps
Molybdenum	94-1	1400468	1462611	1455431	1439503	2.36	cps
Molybdenum	95-1	2026887	2135946	2111837	2091556	2.74	cps
Molybdenum	96-1	2222151	2323285	2296422	2280619	2.30	cps
Molybdenum	97-1	1299715	1359956	1362027	1340566	2.64	cps
Molybdenum	98-1	3236871	3339192	3343967	3306677	1.83	cps
Neodymium	150-1	93	73	47	71	32.92	cps
Neodymium	150-2	7	17	10	11	45.82	cps
Nickel	60-2	60113	58811	58808	59244	1.27	cps
Phosphorus	31-2	11997	11821	12113	11977	1.23	cps
Potassium	39-2	1019610	1019906	1022228	1020582	0.14	cps
Rhodium	103-1	8103176	7183572	7366777	7551175	6.45	cps
Rhodium	103-2	3612533	3776508	3637815	3675619	2.40	cps
Scandium	45-1	6452774	5726345	5831491	6003537	6.54	cps
Scandium	45-2	406055	409964	405433	407151	0.60	cps
Selenium	82-1	6498	6480	6730	6569	2.13	cps
Selenium	77-2	573	503	503	527	7.67	cps
Selenium	78-2	1939	1939	1980	1953	1.20	cps
Silicon	28-1	8212421	8350890	8322359	8295223	0.88	cps
Silver	107-1	448977	468704	478373	465351	3.22	cps
Silver	109-1	431683	450174	449113	443657	2.34	cps
Sodium	23-2	2992264	3031854	3018423	3014180	0.67	cps
Strontium	86-1	3240875	3384062	3396006	3340314	2.58	cps
Strontium	88-1	28427283	29212964	29346304	28995517	1.71	cps
Sulfur	34-1	352625	352499	356029	353718	0.57	cps
Terbium	159-1	11243442	10200737	10136688	10526956	5.90	cps
Terbium	159-2	5774641	5850951	5811632	5812408	0.66	cps
Thallium	203-1	338816	354050	351269	348045	2.33	cps
Thallium	205-1	805885	836149	838987	827007	2.22	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 11:38:51	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	296341	306162	302226	301576	1.64	cps
Titanium	47-1	677831	699608	696637	691359	1.71	cps
Uranium	238-1	1088462	1135738	1137355	1120518	2.48	cps
Vanadium	51-2	131513	129809	130636	130653	0.65	cps
Yttrium	89-1	14224554	12838836	13170891	13411427	5.39	cps
Yttrium	89-2	2661905	2693253	2679054	2678071	0.59	cps
Zinc	66-2	248590	246458	248341	247796	0.47	cps
Zirconium	90-1	712474	738760	739675	730303	2.12	cps
Zirconium	91-1	157407	161769	165054	161410	2.38	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 11:41:36	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	495993	498323	500423	498246	0.44	cps
Antimony	121-1	831452	853834	852274	845854	1.48	cps
Arsenic	75-2	39645	39926	39333	39635	0.75	cps
Barium	135-1	1160295	1192791	1184200	1179095	1.43	cps
Barium	137-1	2017771	2037947	2010606	2022108	0.70	cps
Beryllium	9-1	262688	269691	267000	266460	1.33	cps
Bismuth	209-1	6388014	6422916	6198667	6336532	1.90	cps
Bismuth	209-2	4357700	4212807	4198092	4256200	2.07	cps
Boron	10-1	119779	129270	133338	127462	5.46	cps
Boron	11-1	544352	588796	596944	576697	4.91	cps
Bromine	81-1	25498	26082	24505	25361	3.14	cps
Bromine	81-2	120	170	40	110	59.62	cps
Cadmium	111-1	223399	229570	227197	226722	1.37	cps
Cadmium	106-1	32395	33297	32654	32782	1.42	cps
Cadmium	108-1	18524	18541	19296	18787	2.35	cps
Calcium	43-1	393109	401737	399913	398253	1.14	cps
Calcium	44-1	5662303	5687618	5757071	5702331	0.86	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	387572	382759	382960	384431	0.71	cps
Cobalt	59-2	576871	574467	571879	574406	0.43	cps
Copper	63-2	3952460	4057893	3942197	3984183	1.61	cps
Dysprosium	156-1	67	58	117	81	39.17	cps
Dysprosium	156-2	30	57	80	56	45.03	cps
Erbium	164-1	67	67	92	75	19.24	cps
Erbium	164-2	37	37	47	40	14.43	cps
Gadolinium	160-1	117	117	83	106	18.23	cps
Gadolinium	160-2	247	233	233	238	3.24	cps
Holmium	165-1	9985275	10074452	9881783	9980503	0.97	cps
Holmium	165-2	5747647	5612891	5657936	5672825	1.21	cps
Indium	115-1	7868362	8024574	7839838	7910924	1.26	cps
Indium	115-2	2248719	2234068	2249338	2244042	0.39	cps
Iron	56-2	17165980	17342972	17076501	17195151	0.79	cps
Iron	57-2	445979	442332	442920	443743	0.44	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 11:41:36	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1007469	1010759	997361	1005196	0.69	cps
Krypton	83-1	350	313	300	321	8.06	cps
Lead	206-1	3982963	4050799	3955490	3996417	1.23	cps
Lead	207-1	3593633	3588206	3612056	3597965	0.35	cps
Lead	208-1	15892528	16199191	16057005	16049575	0.96	cps
Lithium	6-1	2726306	2826460	2813679	2788815	1.95	cps
Magnesium	24-2	4520283	4493888	4496386	4503519	0.32	cps
Manganese	55-2	2767783	2776311	2759704	2767932	0.30	cps
Molybdenum	94-1	3708324	3744529	3772711	3741855	0.86	cps
Molybdenum	95-1	5253305	5401825	5378742	5344624	1.50	cps
Molybdenum	96-1	5717084	5859596	5748764	5775148	1.30	cps
Molybdenum	97-1	3287363	3394947	3302654	3328321	1.75	cps
Molybdenum	98-1	8413772	8536730	8543511	8498005	0.86	cps
Neodymium	150-1	153	160	180	164	8.44	cps
Neodymium	150-2	30	37	40	36	14.32	cps
Nickel	60-2	146958	147261	146581	146933	0.23	cps
Phosphorus	31-2	26240	26081	25747	26023	0.97	cps
Potassium	39-2	2292491	2276008	2281884	2283461	0.37	cps
Rhodium	103-1	7332950	7418710	7238365	7330008	1.23	cps
Rhodium	103-2	3629938	3587444	3605234	3607538	0.59	cps
Scandium	45-1	6010618	5976999	5808579	5932065	1.82	cps
Scandium	45-2	402152	397653	401248	400351	0.59	cps
Selenium	82-1	16793	17195	17194	17061	1.36	cps
Selenium	77-2	1197	1353	1483	1345	10.68	cps
Selenium	78-2	4753	4708	4503	4654	2.87	cps
Silicon	28-1	19133561	19466578	19136266	19245468	0.99	cps
Silver	107-1	1174684	1202069	1199711	1192155	1.27	cps
Silver	109-1	1128873	1147860	1135227	1137320	0.85	cps
Sodium	23-2	7490490	7484335	7396189	7457005	0.71	cps
Strontium	86-1	8398019	8654885	8678444	8577116	1.81	cps
Strontium	88-1	73658056	74690760	75403475	74584097	1.18	cps
Sulfur	34-1	420238	425560	420619	422139	0.70	cps
Terbium	159-1	10419958	10292030	10285364	10332451	0.73	cps
Terbium	159-2	5745330	5757779	5845656	5782922	0.95	cps
Thallium	203-1	901194	919929	909905	910343	1.03	cps
Thallium	205-1	2202102	2253202	2188381	2214562	1.54	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 11:41:36	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	754501	784168	778310	772327	2.03	cps
Titanium	47-1	1698278	1725802	1717155	1713745	0.82	cps
Uranium	238-1	3108252	3163069	3090946	3120756	1.21	cps
Vanadium	51-2	333453	330165	330668	331428	0.53	cps
Yttrium	89-1	13315751	13204636	13334368	13284918	0.53	cps
Yttrium	89-2	2643467	2622323	2649890	2638560	0.55	cps
Zinc	66-2	623971	626628	622880	624493	0.31	cps
Zirconium	90-1	1844484	1844885	1846430	1845267	0.06	cps
Zirconium	91-1	412890	419684	423826	418800	1.32	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 11:44:22	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	964041	963829	966168	964679	0.13	cps
Antimony	121-1	1658426	1658618	1669568	1662204	0.38	cps
Arsenic	75-2	77629	77873	77005	77502	0.58	cps
Barium	135-1	2328277	2353079	2305719	2329025	1.02	cps
Barium	137-1	4066300	4141787	4055285	4087791	1.15	cps
Beryllium	9-1	510875	528705	530367	523316	2.06	cps
Bismuth	209-1	6338586	6221165	6372301	6310684	1.26	cps
Bismuth	209-2	4263026	4256928	4258843	4259599	0.07	cps
Boron	10-1	219920	236799	242028	232916	4.96	cps
Boron	11-1	941220	1014034	1043631	999628	5.27	cps
Bromine	81-1	24396	24855	23202	24151	3.53	cps
Bromine	81-2	90	70	80	80	12.50	cps
Cadmium	111-1	436784	447658	443234	442559	1.24	cps
Cadmium	106-1	57615	57640	59230	58162	1.59	cps
Cadmium	108-1	36676	37131	37148	36985	0.72	cps
Calcium	43-1	770296	792058	785400	782585	1.42	cps
Calcium	44-1	11034076	11230289	11034254	11099540	1.02	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	743702	753626	749743	749024	0.67	cps
Cobalt	59-2	1119007	1124094	1115392	1119498	0.39	cps
Copper	63-2	7773352	7667187	7655339	7698626	0.84	cps
Dysprosium	156-1	192	183	217	197	8.80	cps
Dysprosium	156-2	150	127	87	121	26.45	cps
Erbium	164-1	58	67	83	69	18.33	cps
Erbium	164-2	43	40	60	48	22.43	cps
Gadolinium	160-1	133	125	108	122	10.41	cps
Gadolinium	160-2	283	273	273	277	2.09	cps
Holmium	165-1	10118564	10010496	9967242	10032101	0.78	cps
Holmium	165-2	5731863	5758132	5627912	5705969	1.21	cps
Indium	115-1	8004348	7760697	7799136	7854727	1.67	cps
Indium	115-2	2250449	2243814	2199739	2231334	1.24	cps
Iron	56-2	33496535	33386007	33164019	33348854	0.51	cps
Iron	57-2	866083	865448	858555	863362	0.48	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 11:44:22	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1838114	1861818	1857341	1852424	0.68	cps
Krypton	83-1	290	367	367	341	12.98	cps
Lead	206-1	7791428	7897477	7931364	7873423	0.93	cps
Lead	207-1	7053876	7157968	7168123	7126656	0.89	cps
Lead	208-1	31532767	32017229	32041099	31863698	0.90	cps
Lithium	6-1	2892319	2815243	2825603	2844388	1.47	cps
Magnesium	24-2	8941167	8887222	8794186	8874192	0.84	cps
Manganese	55-2	5326146	5414644	5297498	5346096	1.14	cps
Molybdenum	94-1	7124247	7390990	7448995	7321411	2.37	cps
Molybdenum	95-1	10377058	10666446	10579087	10540864	1.41	cps
Molybdenum	96-1	11240257	11519139	11428528	11395974	1.25	cps
Molybdenum	97-1	6422921	6656723	6688775	6589473	2.20	cps
Molybdenum	98-1	16503100	17190186	16977563	16890283	2.08	cps
Neodymium	150-1	280	373	287	313	16.62	cps
Neodymium	150-2	53	50	33	46	23.52	cps
Nickel	60-2	285209	286204	283758	285057	0.43	cps
Phosphorus	31-2	49413	48226	49556	49065	1.49	cps
Potassium	39-2	4374642	4363675	4311755	4350024	0.77	cps
Rhodium	103-1	7225768	7238962	7351407	7272046	0.95	cps
Rhodium	103-2	3565425	3560424	3534703	3553517	0.46	cps
Scandium	45-1	5889103	5748136	5737023	5791421	1.46	cps
Scandium	45-2	393013	393072	392676	392920	0.05	cps
Selenium	82-1	32898	32973	33738	33203	1.40	cps
Selenium	77-2	2564	2614	2584	2587	0.97	cps
Selenium	78-2	8873	8619	8740	8744	1.45	cps
Silicon	28-1	32921599	33555041	33613247	33363296	1.15	cps
Silver	107-1	2286466	2363731	2276025	2308741	2.08	cps
Silver	109-1	2148885	2163598	2194920	2169134	1.08	cps
Sodium	23-2	14546254	14464423	14429914	14480197	0.41	cps
Strontium	86-1	16684737	16975140	16595359	16751745	1.19	cps
Strontium	88-1	145739187	147971845	146901303	146870778	0.76	cps
Sulfur	34-1	534581	531345	529876	531934	0.45	cps
Terbium	159-1	10473979	10314995	10587505	10458827	1.31	cps
Terbium	159-2	5867794	5760802	5745706	5791434	1.15	cps
Thallium	203-1	1851267	1890598	1872963	1871609	1.05	cps
Thallium	205-1	4368979	4355152	4486551	4403561	1.64	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 11:44:22	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	1512676	1543324	1551475	1535825	1.33	cps
Titanium	47-1	3289191	3403079	3374028	3355433	1.76	cps
Uranium	238-1	6058341	6279171	6414970	6250827	2.88	cps
Vanadium	51-2	647291	643987	647798	646359	0.32	cps
Yttrium	89-1	13252939	13151329	13004480	13136249	0.95	cps
Yttrium	89-2	2628583	2600414	2641918	2623638	0.81	cps
Zinc	66-2	1194045	1204797	1212315	1203719	0.76	cps
Zirconium	90-1	3550140	3570605	3627631	3582792	1.12	cps
Zirconium	91-1	805445	830155	829737	821779	1.72	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 11:47:06	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1805994	1841773	1856821	1834863	1.42	cps
Antimony	121-1	3210345	3274050	3324300	3269565	1.75	cps
Arsenic	75-2	152532	150710	150447	151229	0.75	cps
Barium	135-1	4554042	4651902	4576325	4594090	1.12	cps
Barium	137-1	7775980	7977925	7963607	7905837	1.43	cps
Beryllium	9-1	983956	1025018	1022872	1010615	2.29	cps
Bismuth	209-1	6383082	6333987	6248616	6321895	1.08	cps
Bismuth	209-2	4112368	4171412	4148518	4144099	0.72	cps
Boron	10-1	298280	323925	328486	316897	5.14	cps
Boron	11-1	1282565	1383710	1449716	1371997	6.14	cps
Bromine	81-1	24713	24212	24922	24616	1.48	cps
Bromine	81-2	80	90	80	83	6.93	cps
Cadmium	111-1	829756	863587	862448	851930	2.26	cps
Cadmium	106-1	106070	106053	108211	106778	1.16	cps
Cadmium	108-1	70223	72635	73519	72125	2.37	cps
Calcium	43-1	1390426	1415732	1435161	1413773	1.59	cps
Calcium	44-1	21086964	21950216	22030390	21689190	2.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1393673	1414782	1407912	1405456	0.77	cps
Cobalt	59-2	2165312	2141929	2135479	2147573	0.73	cps
Copper	63-2	15150360	14926705	14856957	14978007	1.02	cps
Dysprosium	156-1	300	300	258	286	8.41	cps
Dysprosium	156-2	223	203	213	213	4.69	cps
Erbium	164-1	125	133	100	119	14.53	cps
Erbium	164-2	43	60	60	54	17.68	cps
Gadolinium	160-1	258	208	242	236	10.78	cps
Gadolinium	160-2	283	300	300	294	3.27	cps
Holmium	165-1	10156099	10240815	9967242	10121385	1.38	cps
Holmium	165-2	5572667	5685292	5581074	5613011	1.12	cps
Indium	115-1	7805471	7886128	7855980	7849193	0.52	cps
Indium	115-2	2191384	2182172	2155349	2176302	0.86	cps
Iron	56-2	65879188	66179083	64433579	65497283	1.42	cps
Iron	57-2	1625718	1621090	1609636	1618815	0.51	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 11:47:06	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3584969	3630211	3570623	3595268	0.87	cps
Krypton	83-1	333	357	410	367	10.72	cps
Lead	206-1	15015773	15723383	15567960	15435705	2.41	cps
Lead	207-1	13747225	14086955	13938809	13924330	1.22	cps
Lead	208-1	61479055	63229742	63022706	62577168	1.53	cps
Lithium	6-1	2865631	2873066	2842692	2860463	0.55	cps
Magnesium	24-2	17050658	17104130	16986342	17047043	0.35	cps
Manganese	55-2	10573422	10695195	10390236	10552951	1.45	cps
Molybdenum	94-1	13729602	14109333	14350965	14063300	2.23	cps
Molybdenum	95-1	20073809	20568987	20870094	20504297	1.96	cps
Molybdenum	96-1	21689384	22598393	22529295	22272357	2.27	cps
Molybdenum	97-1	12382277	12927612	12871170	12727020	2.36	cps
Molybdenum	98-1	31735257	32623943	32901856	32420352	1.88	cps
Neodymium	150-1	547	600	493	547	9.76	cps
Neodymium	150-2	103	140	113	119	15.94	cps
Nickel	60-2	545341	542911	543047	543766	0.25	cps
Phosphorus	31-2	94231	91037	92144	92471	1.75	cps
Potassium	39-2	8442598	8475338	8564531	8494156	0.74	cps
Rhodium	103-1	7164729	7177852	7079425	7140669	0.75	cps
Rhodium	103-2	3472717	3464278	3423450	3453482	0.76	cps
Scandium	45-1	5920999	5894737	5791103	5868946	1.17	cps
Scandium	45-2	390855	389789	383089	387911	1.09	cps
Selenium	82-1	63281	65217	65611	64703	1.93	cps
Selenium	77-2	5321	5074	5108	5168	2.59	cps
Selenium	78-2	17258	17162	16641	17020	1.95	cps
Silicon	28-1	41080278	41897450	41895310	41624346	1.13	cps
Silver	107-1	4430124	4434678	4427765	4430856	0.08	cps
Silver	109-1	4154842	4236105	4309141	4233363	1.82	cps
Sodium	23-2	28626617	28163673	28529628	28439972	0.86	cps
Strontium	86-1	31904208	33769327	33681040	33118192	3.18	cps
Strontium	88-1	278140856	293021598	295147098	288769851	3.21	cps
Sulfur	34-1	733464	753522	745720	744235	1.36	cps
Terbium	159-1	10503779	10544769	10425628	10491392	0.58	cps
Terbium	159-2	5669790	5716188	5618228	5668069	0.86	cps
Thallium	203-1	3537585	3709622	3681322	3642843	2.53	cps
Thallium	205-1	8543513	8677161	8666966	8629213	0.86	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 11:47:06	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	2868252	3016003	2993650	2959301	2.69	cps
Titanium	47-1	6280409	6539704	6524383	6448166	2.26	cps
Uranium	238-1	11995205	12559799	12445387	12333464	2.42	cps
Vanadium	51-2	1269958	1272464	1265217	1269213	0.29	cps
Yttrium	89-1	13396103	13258237	13261954	13305431	0.59	cps
Yttrium	89-2	2632251	2587193	2549241	2589562	1.60	cps
Zinc	66-2	2279186	2310274	2275711	2288390	0.83	cps
Zirconium	90-1	6759688	7068831	6996183	6941567	2.33	cps
Zirconium	91-1	1483183	1544838	1585207	1537743	3.34	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 11:49:52	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3723079	3696104	3653888	3691024	0.94	cps
Antimony	121-1	6398714	6530914	6583227	6504285	1.46	cps
Arsenic	75-2	299423	301867	298773	300021	0.54	cps
Barium	135-1	9178398	9299468	9087361	9188409	1.16	cps
Barium	137-1	15696419	16116894	15808306	15873873	1.37	cps
Beryllium	9-1	1927739	1933223	1963773	1941578	1.00	cps
Bismuth	209-1	5989714	6032483	6078165	6033454	0.73	cps
Bismuth	209-2	4073179	3969348	4088517	4043681	1.60	cps
Boron	10-1	820287	875943	879708	858646	3.88	cps
Boron	11-1	3562024	3790097	3865798	3739307	4.23	cps
Bromine	81-1	24454	24780	25147	24794	1.40	cps
Bromine	81-2	120	100	100	107	10.83	cps
Cadmium	111-1	1646868	1662212	1654976	1654685	0.46	cps
Cadmium	106-1	202913	205144	206707	204921	0.93	cps
Cadmium	108-1	139080	143935	142028	141681	1.73	cps
Calcium	43-1	2853831	2938281	2926680	2906264	1.58	cps
Calcium	44-1	43437599	44173829	44695351	44102259	1.43	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2820457	2869892	2855210	2848520	0.89	cps
Cobalt	59-2	4236860	4222428	4156999	4205429	1.01	cps
Copper	63-2	28689677	29589276	29141606	29140187	1.54	cps
Dysprosium	156-1	717	608	575	633	11.69	cps
Dysprosium	156-2	467	390	400	419	9.95	cps
Erbium	164-1	158	158	200	172	13.97	cps
Erbium	164-2	137	83	103	108	25.00	cps
Gadolinium	160-1	333	358	442	378	15.02	cps
Gadolinium	160-2	460	447	373	427	10.94	cps
Holmium	165-1	9955080	9936055	9958053	9949729	0.12	cps
Holmium	165-2	5665161	5583591	5664380	5637711	0.83	cps
Indium	115-1	7489002	7613874	7625641	7576172	1.00	cps
Indium	115-2	2095873	2143846	2146457	2128725	1.34	cps
Iron	56-2	128015886	129442631	128427722	128628746	0.57	cps
Iron	57-2	3196489	3186607	3214734	3199277	0.45	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 11:49:52	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	7231596	7230286	7185150	7215677	0.37	cps
Krypton	83-1	333	340	317	330	3.64	cps
Lead	206-1	30204819	30631419	31070827	30635689	1.41	cps
Lead	207-1	27640857	27784275	27989385	27804839	0.63	cps
Lead	208-1	123270615	124882151	125601700	124584822	0.96	cps
Lithium	6-1	2744723	2754227	2783497	2760816	0.73	cps
Magnesium	24-2	34418755	34069613	34156103	34214823	0.53	cps
Manganese	55-2	21047111	21446773	21031943	21175276	1.11	cps
Molybdenum	94-1	28681015	29408532	29553946	29214498	1.60	cps
Molybdenum	95-1	41291159	42041472	42394895	41909175	1.34	cps
Molybdenum	96-1	45074527	45686795	45641764	45467695	0.75	cps
Molybdenum	97-1	25506484	26013141	26111623	25877083	1.25	cps
Molybdenum	98-1	65499549	66724899	67213424	66479291	1.33	cps
Neodymium	150-1	1387	1187	1260	1278	7.92	cps
Neodymium	150-2	253	210	243	236	9.63	cps
Nickel	60-2	1064915	1070642	1056650	1064069	0.66	cps
Phosphorus	31-2	185473	183962	178921	182786	1.88	cps
Potassium	39-2	16764754	16752685	16709258	16742232	0.17	cps
Rhodium	103-1	6846726	6919853	6895413	6887331	0.54	cps
Rhodium	103-2	3369991	3432697	3392448	3398379	0.93	cps
Scandium	45-1	5834280	5797802	5888865	5840316	0.78	cps
Scandium	45-2	392157	393836	390820	392271	0.39	cps
Selenium	82-1	125939	128823	127840	127534	1.15	cps
Selenium	77-2	10017	9850	9783	9883	1.22	cps
Selenium	78-2	33317	32922	33126	33121	0.60	cps
Silicon	28-1	113490503	117530319	115585778	115535533	1.75	cps
Silver	107-1	8588278	8688570	8660371	8645740	0.60	cps
Silver	109-1	8217646	8412823	8245874	8292114	1.27	cps
Sodium	23-2	56848454	56884617	56246512	56659861	0.63	cps
Strontium	86-1	65808426	67695406	67131366	66878399	1.45	cps
Strontium	88-1	570495179	582694630	580030796	577740202	1.11	cps
Sulfur	34-1	1222649	1216697	1264588	1234645	2.11	cps
Terbium	159-1	10325547	10352680	10561311	10413180	1.24	cps
Terbium	159-2	5813660	5640348	5753367	5735791	1.53	cps
Thallium	203-1	7145264	7298271	7421910	7288482	1.90	cps
Thallium	205-1	17032335	17363155	17427977	17274489	1.23	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 11:49:52	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	5759720	6024255	6066138	5950038	2.79	cps
Titanium	47-1	13031981	13337099	13410549	13259876	1.51	cps
Uranium	238-1	24668550	25436125	25569393	25224689	1.93	cps
Vanadium	51-2	2529331	2508159	2466151	2501214	1.29	cps
Yttrium	89-1	12975837	13190991	13010006	13058945	0.89	cps
Yttrium	89-2	2605190	2623253	2611629	2613357	0.35	cps
Zinc	66-2	4433901	4448937	4527112	4469983	1.12	cps
Zirconium	90-1	14125949	14552405	14401870	14360075	1.51	cps
Zirconium	91-1	3103377	3199877	3222416	3175223	1.99	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 11:52:37	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17852675	17705175	17806141	17787997	0.42	cps
Antimony	121-1	5601	5435	5293	5443	2.84	cps
Arsenic	75-2	124	111	106	114	8.37	cps
Barium	135-1	5643	6352	5518	5837	7.70	cps
Barium	137-1	10237	9754	9645	9879	3.19	cps
Beryllium	9-1	1137	1023	1157	1106	6.51	cps
Bismuth	209-1	5223063	5326415	5147328	5232268	1.72	cps
Bismuth	209-2	3631923	3624056	3627053	3627677	0.11	cps
Boron	10-1	35190	32735	30447	32791	7.23	cps
Boron	11-1	156769	142780	136423	145324	7.16	cps
Bromine	81-1	25139	24988	24980	25036	0.36	cps
Bromine	81-2	140	100	110	117	17.84	cps
Cadmium	111-1	1917	1720	1746	1794	5.98	cps
Cadmium	106-1	4918	5109	5218	5082	2.99	cps
Cadmium	108-1	113	133	146	131	12.90	cps
Calcium	43-1	11886901	11981621	11932465	11933662	0.40	cps
Calcium	44-1	191771865	193761678	189855654	191796399	1.02	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	17847	17754	17637	17746	0.59	cps
Cobalt	59-2	5011	4701	4764	4825	3.40	cps
Copper	63-2	9039	8436	8066	8514	5.77	cps
Dysprosium	156-1	1533	1758	1425	1572	10.82	cps
Dysprosium	156-2	900	873	877	883	1.65	cps
Erbium	164-1	108	117	183	136	30.20	cps
Erbium	164-2	90	57	50	66	32.69	cps
Gadolinium	160-1	1650	1600	1467	1572	6.03	cps
Gadolinium	160-2	1237	1177	1283	1232	4.34	cps
Holmium	165-1	9522979	9668334	9536018	9575777	0.84	cps
Holmium	165-2	5453410	5414235	5421403	5429682	0.38	cps
Indium	115-1	7052352	7101832	7059531	7071238	0.38	cps
Indium	115-2	2095492	2066872	2050775	2071046	1.09	cps
Iron	56-2	608053325	606789969	606250969	607031421	0.15	cps
Iron	57-2	15190016	15048447	15107863	15115442	0.47	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 11:52:37	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	33422989	33227018	33222267	33290758	0.34	cps
Krypton	83-1	320	327	373	340	8.55	cps
Lead	206-1	10248	9620	10844	10237	5.98	cps
Lead	207-1	9109	8592	8906	8869	2.94	cps
Lead	208-1	40852	39206	42175	40744	3.65	cps
Lithium	6-1	2663447	2495569	2494219	2551078	3.81	cps
Magnesium	24-2	168198270	167650793	167448598	167765887	0.23	cps
Manganese	55-2	25004	24700	24343	24683	1.34	cps
Molybdenum	94-1	12698	11004	10312	11338	10.82	cps
Molybdenum	95-1	16994	15267	13857	15372	10.22	cps
Molybdenum	96-1	29030	27218	25740	27329	6.03	cps
Molybdenum	97-1	10587	11096	9312	10332	8.90	cps
Molybdenum	98-1	26199	25089	23277	24855	5.93	cps
Neodymium	150-1	40	73	67	60	29.40	cps
Neodymium	150-2	47	17	33	32	46.65	cps
Nickel	60-2	7672	7272	7312	7419	2.97	cps
Phosphorus	31-2	2575	2517	2192	2428	8.51	cps
Potassium	39-2	83590154	83433450	82942825	83322143	0.41	cps
Rhodium	103-1	6277461	6283829	6162488	6241259	1.09	cps
Rhodium	103-2	3118782	3130414	3124168	3124455	0.19	cps
Scandium	45-1	5688423	5695416	5696509	5693449	0.08	cps
Scandium	45-2	389735	392084	392435	391418	0.38	cps
Selenium	82-1	254	246	214	238	8.83	cps
Selenium	77-2	0	13	3	6	124.93	cps
Selenium	78-2	219	228	196	214	7.55	cps
Silicon	28-1	1797470	1836362	1838292	1824041	1.26	cps
Silver	107-1	5109	4909	4542	4854	5.92	cps
Silver	109-1	4634	4776	4384	4598	4.31	cps
Sodium	23-2	273443112	276391812	271835745	273890223	0.84	cps
Strontium	86-1	29154	26992	25498	27215	6.76	cps
Strontium	88-1	247120	236987	219561	234556	5.94	cps
Sulfur	34-1	285190	289291	291183	288555	1.06	cps
Terbium	159-1	10076564	9784150	9617936	9826217	2.36	cps
Terbium	159-2	5498469	5490808	5501811	5497029	0.10	cps
Thallium	203-1	2034	1984	1784	1934	6.84	cps
Thallium	205-1	5426	4734	5737	5299	9.69	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 11:52:37	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	8194	8228	7419	7947	5.76	cps
Titanium	47-1	4626	4284	4768	4559	5.46	cps
Uranium	238-1	5303	4641	6017	5320	12.94	cps
Vanadium	51-2	810	773	747	777	4.09	cps
Yttrium	89-1	12561539	12720532	12474909	12585660	0.99	cps
Yttrium	89-2	2543340	2608695	2593990	2582009	1.33	cps
Zinc	66-2	4407	4117	4221	4248	3.46	cps
Zirconium	90-1	5901	5518	5051	5490	7.76	cps
Zirconium	91-1	1517	1108	1125	1250	18.49	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	ICV04	Instrumnet Name :	P7
Client Sample ID :	ICV04	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 12:14:35	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	95360	94288	94455	94701	0.61	cps
Antimony	121-1	1305839	1321728	1332836	1320135	1.03	cps
Arsenic	75-2	62075	62564	62421	62353	0.40	cps
Barium	135-1	184629	185777	187659	186022	0.82	cps
Barium	137-1	315662	321405	319716	318928	0.93	cps
Beryllium	9-1	204122	208093	206101	206105	0.96	cps
Bismuth	209-1	6510077	6356213	6323289	6396526	1.56	cps
Bismuth	209-2	4457202	4411353	4422904	4430486	0.54	cps
Boron	10-1	140559	147639	148102	145433	2.91	cps
Boron	11-1	646681	660606	669438	658909	1.74	cps
Bromine	81-1	25932	26283	25389	25868	1.74	cps
Bromine	81-2	100	80	110	97	15.80	cps
Cadmium	111-1	178679	184278	183667	182208	1.69	cps
Cadmium	106-1	42864	42780	40800	42148	2.77	cps
Cadmium	108-1	23415	23911	24400	23909	2.06	cps
Calcium	43-1	61132	62287	61408	61609	0.98	cps
Calcium	44-1	962321	969554	974805	968893	0.65	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	301697	299974	300163	300611	0.31	cps
Cobalt	59-2	455253	456416	456367	456012	0.14	cps
Copper	63-2	308317	306712	309827	308285	0.51	cps
Dysprosium	156-1	42	42	50	44	10.82	cps
Dysprosium	156-2	13	17	17	16	12.40	cps
Erbium	164-1	75	42	25	47	53.91	cps
Erbium	164-2	30	20	33	28	24.98	cps
Gadolinium	160-1	67	33	67	56	34.65	cps
Gadolinium	160-2	250	250	210	237	9.76	cps
Holmium	165-1	10579488	10254712	9944176	10259459	3.10	cps
Holmium	165-2	5943195	5734856	5813071	5830374	1.81	cps
Indium	115-1	8537707	8196334	8098048	8277363	2.79	cps
Indium	115-2	2304906	2317091	2286673	2302890	0.66	cps
Iron	56-2	5247078	5164739	5206606	5206141	0.79	cps
Iron	57-2	133794	135835	135762	135130	0.86	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	ICV04	Instrumnet Name :	P7
Client Sample ID :	ICV04	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 12:14:35	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	315938	310648	309597	312061	1.09	cps
Krypton	83-1	393	330	283	336	16.45	cps
Lead	206-1	1203712	1240284	1247101	1230366	1.90	cps
Lead	207-1	1029275	1044503	1054700	1042826	1.23	cps
Lead	208-1	4911733	4977611	5005596	4964980	0.97	cps
Lithium	6-1	2970221	2901726	2784547	2885498	3.25	cps
Magnesium	24-2	403072	399031	403461	401855	0.61	cps
Manganese	55-2	225904	225609	226492	226001	0.20	cps
Molybdenum	94-1	12918036	12970687	13090522	12993082	0.68	cps
Molybdenum	95-1	18433089	18834356	18347781	18538409	1.40	cps
Molybdenum	96-1	20059215	20551033	20335123	20315123	1.21	cps
Molybdenum	97-1	11626334	11684409	11694317	11668354	0.31	cps
Molybdenum	98-1	29542579	29961543	29689392	29731172	0.72	cps
Neodymium	150-1	27	27	40	31	24.74	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	122969	122855	123006	122943	0.06	cps
Phosphorus	31-2	2475	2259	2342	2359	4.63	cps
Potassium	39-2	779393	783773	785312	782826	0.39	cps
Rhodium	103-1	7964781	7668358	7617372	7750170	2.42	cps
Rhodium	103-2	3702153	3752577	3682450	3712393	0.97	cps
Scandium	45-1	6327419	6044028	5877500	6082982	3.74	cps
Scandium	45-2	407336	399609	403183	403376	0.96	cps
Selenium	82-1	26652	27040	27456	27049	1.49	cps
Selenium	77-2	2190	2180	2094	2155	2.47	cps
Selenium	78-2	7159	7139	7109	7136	0.35	cps
Silicon	28-1	4375980	4616758	4663120	4551952	3.39	cps
Silver	107-1	454937	468422	467286	463548	1.61	cps
Silver	109-1	433375	441101	442795	439090	1.14	cps
Sodium	23-2	1207794	1196367	1192599	1198920	0.66	cps
Strontium	86-1	1310389	1325536	1353925	1329950	1.66	cps
Strontium	88-1	11144574	11350408	11463030	11319337	1.43	cps
Sulfur	34-1	312980	306714	302764	307486	1.68	cps
Terbium	159-1	10979869	10672809	10385258	10679312	2.78	cps
Terbium	159-2	5871943	5841506	5901911	5871787	0.51	cps
Thallium	203-1	1532745	1524740	1551684	1536390	0.90	cps
Thallium	205-1	3758956	3789561	3783576	3777364	0.43	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	ICV04	Instrumnet Name :	P7
Client Sample ID :	ICV04	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 12:14:35	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	2924738	2940383	2939268	2934796	0.30	cps
Titanium	47-1	5913590	5949674	5943911	5935725	0.33	cps
Uranium	238-1	13028983	13045729	13084717	13053143	0.22	cps
Vanadium	51-2	253126	252162	253521	252936	0.28	cps
Yttrium	89-1	13945089	13535094	13615202	13698462	1.59	cps
Yttrium	89-2	2691281	2678598	2677049	2682309	0.29	cps
Zinc	66-2	96566	96086	96569	96407	0.29	cps
Zirconium	90-1	6663204	6688179	6813391	6721591	1.20	cps
Zirconium	91-1	1447779	1501025	1488503	1479103	1.88	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	LLICV1	Instrumnet Name :	P7
Client Sample ID :	LLICV1	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 12:27:32	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3667	3662	4228	3852	8.45	cps
Antimony	121-1	12222	12973	12831	12675	3.15	cps
Arsenic	75-2	302	280	317	299	6.23	cps
Barium	135-1	16101	16944	17127	16724	3.27	cps
Barium	137-1	27987	29573	29916	29158	3.53	cps
Beryllium	9-1	2224	2160	2284	2222	2.78	cps
Bismuth	209-1	6355714	6308325	6360792	6341611	0.46	cps
Bismuth	209-2	4411436	4363985	4353496	4376306	0.71	cps
Boron	10-1	6943	7552	7861	7452	6.26	cps
Boron	11-1	32460	34456	34999	33971	3.94	cps
Bromine	81-1	26216	26291	25915	26140	0.76	cps
Bromine	81-2	80	100	180	120	44.10	cps
Cadmium	111-1	2650	2752	2821	2741	3.14	cps
Cadmium	106-1	5568	5018	5184	5257	5.37	cps
Cadmium	108-1	204	146	154	168	18.77	cps
Calcium	43-1	13056	12714	13098	12956	1.63	cps
Calcium	44-1	258110	262975	263843	261643	1.18	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6551	6441	6615	6536	1.34	cps
Cobalt	59-2	4521	4494	4414	4476	1.24	cps
Copper	63-2	7802	7582	7415	7600	2.55	cps
Dysprosium	156-1	17	42	0	19	107.85	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	58	67	83	69	18.33	cps
Erbium	164-2	23	17	20	20	16.65	cps
Gadolinium	160-1	50	67	58	58	14.29	cps
Gadolinium	160-2	270	263	190	241	18.41	cps
Holmium	165-1	9854465	10023173	10141287	10006308	1.44	cps
Holmium	165-2	5738973	5722026	5661673	5707557	0.71	cps
Indium	115-1	7928334	8203140	8032054	8054510	1.72	cps
Indium	115-2	2335991	2329129	2341124	2335415	0.26	cps
Iron	56-2	140073	142608	143544	142075	1.26	cps
Iron	57-2	4256	4073	4234	4188	2.39	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	LLICV1	Instrumnet Name :	P7
Client Sample ID :	LLICV1	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 12:27:32	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	9202	9132	9142	9159	0.41	cps
Krypton	83-1	343	357	277	326	13.17	cps
Lead	206-1	5623	6085	5779	5829	4.03	cps
Lead	207-1	5251	5112	4918	5094	3.29	cps
Lead	208-1	23553	23681	23114	23449	1.27	cps
Lithium	6-1	2917111	2827403	2764191	2836235	2.71	cps
Magnesium	24-2	170270	168517	168337	169041	0.63	cps
Manganese	55-2	2430	2507	2700	2546	5.47	cps
Molybdenum	94-1	15033	15792	15542	15456	2.50	cps
Molybdenum	95-1	18370	18821	19088	18760	1.93	cps
Molybdenum	96-1	20390	20707	21583	20893	2.96	cps
Molybdenum	97-1	10929	11580	12197	11569	5.48	cps
Molybdenum	98-1	29464	30558	30157	30059	1.84	cps
Neodymium	150-1	20	0	13	11	91.66	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	1427	1357	1290	1358	5.03	cps
Phosphorus	31-2	2509	2600	2634	2581	2.51	cps
Potassium	39-2	240459	239275	238851	239528	0.35	cps
Rhodium	103-1	7488452	7366181	7368268	7407633	0.94	cps
Rhodium	103-2	3759472	3716838	3799036	3758449	1.09	cps
Scandium	45-1	5880667	5975653	5881311	5912544	0.92	cps
Scandium	45-2	410394	408881	406690	408655	0.46	cps
Selenium	82-1	574	551	691	605	12.44	cps
Selenium	77-2	73	53	57	61	17.53	cps
Selenium	78-2	352	363	343	352	2.89	cps
Silicon	28-1	1511659	1481734	1510157	1501183	1.12	cps
Silver	107-1	8695	8669	9495	8953	5.24	cps
Silver	109-1	8244	8311	8745	8433	3.22	cps
Sodium	23-2	360018	357676	358519	358738	0.33	cps
Strontium	86-1	2934	2809	3225	2989	7.15	cps
Strontium	88-1	22576	23127	22743	22815	1.24	cps
Sulfur	34-1	311171	314350	313230	312917	0.52	cps
Terbium	159-1	10355515	10250533	10312178	10306076	0.51	cps
Terbium	159-2	5887491	5920031	5807426	5871649	0.99	cps
Thallium	203-1	7119	6710	7394	7074	4.86	cps
Thallium	205-1	16077	15960	16051	16029	0.38	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	LLICV1	Instrumnet Name :	P7
Client Sample ID :	LLICV1	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 12:27:32	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	28979	29681	29130	29264	1.26	cps
Titanium	47-1	5693	6293	6176	6054	5.26	cps
Uranium	238-1	20932	20767	21185	20961	1.00	cps
Vanadium	51-2	12312	12215	12422	12316	0.84	cps
Yttrium	89-1	13299791	13323249	13358511	13327184	0.22	cps
Yttrium	89-2	2732052	2743398	2747653	2741034	0.29	cps
Zinc	66-2	1550	1557	1643	1583	3.29	cps
Zirconium	90-1	13365	13323	12931	13206	1.81	cps
Zirconium	91-1	2767	2925	3125	2939	6.11	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	ICB04	Instrumnet Name :	P7
Client Sample ID :	ICB04	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 12:30:26	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	222	122	128	157	35.70	cps
Antimony	121-1	83	67	92	81	15.80	cps
Arsenic	75-2	4	2	0	2	100.00	cps
Barium	135-1	33	42	25	33	25.01	cps
Barium	137-1	67	92	25	61	55.11	cps
Beryllium	9-1	167	127	163	152	14.58	cps
Bismuth	209-1	6312987	6293195	6283080	6296421	0.24	cps
Bismuth	209-2	4418408	4391228	4368688	4392775	0.57	cps
Boron	10-1	2017	1917	2025	1986	3.04	cps
Boron	11-1	9962	9487	9461	9637	2.93	cps
Bromine	81-1	26124	26800	25882	26269	1.81	cps
Bromine	81-2	160	130	110	133	18.88	cps
Cadmium	111-1	1081	1056	931	1023	7.84	cps
Cadmium	106-1	5418	5251	4709	5126	7.23	cps
Cadmium	108-1	21	4	21	15	62.96	cps
Calcium	43-1	242	242	275	253	7.61	cps
Calcium	44-1	50283	48753	47599	48878	2.75	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	880	830	823	844	3.67	cps
Cobalt	59-2	80	87	73	80	8.34	cps
Copper	63-2	1430	1367	1413	1403	2.34	cps
Dysprosium	156-1	17	50	33	33	50.00	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	92	33	67	64	45.81	cps
Erbium	164-2	20	33	30	28	24.98	cps
Gadolinium	160-1	17	42	42	33	43.30	cps
Gadolinium	160-2	207	253	280	247	15.05	cps
Holmium	165-1	10069134	9901837	10154326	10041766	1.28	cps
Holmium	165-2	5746408	5724161	5770713	5747094	0.41	cps
Indium	115-1	8085461	7863438	8069624	8006174	1.55	cps
Indium	115-2	2362724	2344038	2321214	2342659	0.89	cps
Iron	56-2	10493	10465	10776	10578	1.63	cps
Iron	57-2	567	594	500	554	8.77	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	ICB04	Instrumnet Name :	P7
Client Sample ID :	ICB04	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 12:30:26	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1962	1802	1832	1865	4.57	cps
Krypton	83-1	307	330	313	317	3.80	cps
Lead	206-1	356	244	333	311	18.90	cps
Lead	207-1	133	267	256	219	33.85	cps
Lead	208-1	1150	1106	1250	1169	6.33	cps
Lithium	6-1	2919115	2855945	2840539	2871866	1.45	cps
Magnesium	24-2	933	844	839	872	6.08	cps
Manganese	55-2	247	233	287	256	10.86	cps
Molybdenum	94-1	192	192	175	186	5.17	cps
Molybdenum	95-1	133	142	92	122	21.92	cps
Molybdenum	96-1	117	267	150	178	44.30	cps
Molybdenum	97-1	58	25	100	61	61.49	cps
Molybdenum	98-1	175	108	167	150	24.22	cps
Neodymium	150-1	0	7	20	9	114.55	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	280	383	340	334	15.51	cps
Phosphorus	31-2	2117	2475	2367	2320	7.92	cps
Potassium	39-2	65316	63474	63918	64236	1.50	cps
Rhodium	103-1	7461731	7456256	7580142	7499376	0.93	cps
Rhodium	103-2	3692889	3747103	3709171	3716388	0.75	cps
Scandium	45-1	6070626	5934452	6025782	6010287	1.15	cps
Scandium	45-2	405973	408555	406771	407099	0.32	cps
Selenium	82-1	18	-8	-2	3	507.49	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	189	215	150	185	17.68	cps
Silicon	28-1	1439961	1469981	1481955	1463966	1.48	cps
Silver	107-1	125	217	142	161	30.31	cps
Silver	109-1	100	67	125	97	30.10	cps
Sodium	23-2	83324	84184	83474	83661	0.55	cps
Strontium	86-1	558	483	475	506	9.08	cps
Strontium	88-1	550	567	592	569	3.68	cps
Sulfur	34-1	311375	308790	311391	310519	0.48	cps
Terbium	159-1	10425403	10476232	10410213	10437283	0.33	cps
Terbium	159-2	5838239	5790489	5759300	5796009	0.69	cps
Thallium	203-1	108	100	150	119	22.43	cps
Thallium	205-1	308	350	317	325	6.78	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	ICB04	Instrumnet Name :	P7
Client Sample ID :	ICB04	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 12:30:26	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	625	475	617	572	14.73	cps
Titanium	47-1	225	233	200	219	7.90	cps
Uranium	238-1	2	27	10	13	100.29	cps
Vanadium	51-2	13	7	10	10	33.30	cps
Yttrium	89-1	13458654	13127267	13361690	13315870	1.28	cps
Yttrium	89-2	2723477	2711691	2693335	2709501	0.56	cps
Zinc	66-2	550	547	620	572	7.24	cps
Zirconium	90-1	508	475	550	511	7.35	cps
Zirconium	91-1	75	142	75	97	39.59	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	ICSA04	Instrumnet Name :	P7
Client Sample ID :	ICSA04	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 12:33:18	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17243264	17114965	17042185	17133471	0.59	cps
Antimony	121-1	7027	7119	7402	7183	2.72	cps
Arsenic	75-2	122	93	89	101	18.05	cps
Barium	135-1	2742	2459	2717	2639	5.94	cps
Barium	137-1	4367	4301	4467	4379	1.92	cps
Beryllium	9-1	613	653	643	637	3.27	cps
Bismuth	209-1	5698992	5833167	5820013	5784057	1.28	cps
Bismuth	209-2	3954259	3996528	4038964	3996584	1.06	cps
Boron	10-1	2009	1942	1917	1956	2.42	cps
Boron	11-1	9020	8986	8886	8964	0.77	cps
Bromine	81-1	27151	27343	28002	27498	1.62	cps
Bromine	81-2	531	621	450	534	15.95	cps
Cadmium	111-1	1800	1880	1826	1835	2.23	cps
Cadmium	106-1	4868	4843	4426	4712	5.27	cps
Cadmium	108-1	1783	1567	1621	1657	6.81	cps
Calcium	43-1	2505989	2513705	2524627	2514774	0.37	cps
Calcium	44-1	40325915	40477321	40020270	40274502	0.58	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	58212	56766	57686	57555	1.27	cps
Cobalt	59-2	5258	5304	5241	5268	0.62	cps
Copper	63-2	22600	23054	22641	22765	1.10	cps
Dysprosium	156-1	67	83	33	61	41.67	cps
Dysprosium	156-2	40	13	20	24	56.78	cps
Erbium	164-1	75	100	58	78	26.96	cps
Erbium	164-2	40	43	50	44	11.46	cps
Gadolinium	160-1	67	67	100	78	24.74	cps
Gadolinium	160-2	237	197	277	237	16.90	cps
Holmium	165-1	9706708	9816549	9784999	9769419	0.58	cps
Holmium	165-2	5657651	5651875	5708568	5672698	0.55	cps
Indium	115-1	7392548	7558892	7556598	7502679	1.27	cps
Indium	115-2	2210153	2185907	2194898	2196986	0.56	cps
Iron	56-2	250452744	247403450	250775306	249543833	0.75	cps
Iron	57-2	6186634	6227835	6290301	6234923	0.84	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	ICSA04	Instrumnet Name :	P7
Client Sample ID :	ICSA04	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 12:33:18	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	13636497	13546377	13542097	13574990	0.39	cps
Krypton	83-1	333	333	330	332	0.58	cps
Lead	206-1	26270	26270	25407	25983	1.92	cps
Lead	207-1	21133	20738	20304	20725	2.00	cps
Lead	208-1	97858	98199	96874	97644	0.70	cps
Lithium	6-1	2718345	2801861	2733024	2751077	1.62	cps
Magnesium	24-2	31558497	31414803	31399028	31457443	0.28	cps
Manganese	55-2	17417	17303	17006	17242	1.23	cps
Molybdenum	94-1	4014408	4099582	4071143	4061711	1.07	cps
Molybdenum	95-1	7154487	7071567	7166190	7130748	0.72	cps
Molybdenum	96-1	7472859	7618183	7657428	7582823	1.28	cps
Molybdenum	97-1	4363211	4512560	4392790	4422854	1.79	cps
Molybdenum	98-1	11126281	11399306	11376874	11300820	1.34	cps
Neodymium	150-1	53	73	40	56	30.20	cps
Neodymium	150-2	33	10	20	21	55.45	cps
Nickel	60-2	5975	5825	5951	5917	1.36	cps
Phosphorus	31-2	887066	874917	877038	879674	0.74	cps
Potassium	39-2	32463794	32620433	32232890	32439039	0.60	cps
Rhodium	103-1	6633098	6793073	6727367	6717846	1.20	cps
Rhodium	103-2	3420047	3433135	3376325	3409836	0.87	cps
Scandium	45-1	5645750	5731502	5777243	5718165	1.17	cps
Scandium	45-2	392834	391713	397665	394071	0.80	cps
Selenium	82-1	27	41	45	38	25.01	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	181	200	163	181	10.20	cps
Silicon	28-1	1586002	1588397	1579226	1584542	0.30	cps
Silver	107-1	475	483	442	467	4.72	cps
Silver	109-1	442	542	367	450	19.51	cps
Sodium	23-2	54711814	54303212	54445428	54486818	0.38	cps
Strontium	86-1	87929	88063	92046	89346	2.62	cps
Strontium	88-1	756177	780399	775789	770789	1.67	cps
Sulfur	34-1	4499506	4509255	4437773	4482178	0.86	cps
Terbium	159-1	10067814	10384582	10165079	10205825	1.59	cps
Terbium	159-2	5785043	5791747	5718272	5765021	0.70	cps
Thallium	203-1	325	442	258	342	27.16	cps
Thallium	205-1	792	792	708	764	6.30	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	ICSA04	Instrumnet Name :	P7
Client Sample ID :	ICSA04	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 12:33:18	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	1433	1400	1233	1356	7.90	cps
Titanium	47-1	2386857	2378918	2393764	2386513	0.31	cps
Uranium	238-1	-188	-254	63	-126	-132.76	cps
Vanadium	51-2	540	443	500	494	9.82	cps
Yttrium	89-1	12460890	12814986	12989972	12755283	2.11	cps
Yttrium	89-2	2624328	2650950	2643549	2639609	0.52	cps
Zinc	66-2	5408	5431	5628	5489	2.20	cps
Zirconium	90-1	800	692	633	708	11.94	cps
Zirconium	91-1	125	92	125	114	16.90	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	ICSAB04	Instrumnet Name :	P7
Client Sample ID :	ICSAB04	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 12:36:11	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17004742	17180153	16967946	17050947	0.67	cps
Antimony	121-1	129961	139608	141233	136934	4.45	cps
Arsenic	75-2	5994	5968	6086	6016	1.04	cps
Barium	135-1	37792	39230	38687	38570	1.88	cps
Barium	137-1	65317	66473	67854	66548	1.91	cps
Beryllium	9-1	39624	40900	40175	40233	1.59	cps
Bismuth	209-1	6166179	6021890	6067322	6085131	1.21	cps
Bismuth	209-2	4106728	4083522	4067705	4085985	0.48	cps
Boron	10-1	17010	17861	17861	17577	2.80	cps
Boron	11-1	77788	80945	81289	80007	2.41	cps
Bromine	81-1	26508	26591	26992	26697	0.97	cps
Bromine	81-2	170	240	220	210	17.17	cps
Cadmium	111-1	33906	34156	34786	34283	1.32	cps
Cadmium	106-1	10146	10946	10279	10457	4.10	cps
Cadmium	108-1	4463	5026	4622	4704	6.17	cps
Calcium	43-1	2506428	2509315	2520197	2511980	0.29	cps
Calcium	44-1	39783294	40644168	40820897	40416119	1.37	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	114215	114567	114396	114393	0.15	cps
Cobalt	59-2	90145	90404	90675	90408	0.29	cps
Copper	63-2	79064	79389	80790	79747	1.15	cps
Dysprosium	156-1	42	42	67	50	28.87	cps
Dysprosium	156-2	23	37	13	24	47.91	cps
Erbium	164-1	67	33	67	56	34.65	cps
Erbium	164-2	37	63	33	44	36.99	cps
Gadolinium	160-1	83	83	67	78	12.37	cps
Gadolinium	160-2	287	190	247	241	20.15	cps
Holmium	165-1	10412248	10161704	10462060	10345337	1.56	cps
Holmium	165-2	5736590	5704107	5728279	5722992	0.29	cps
Indium	115-1	8051109	7987910	7896991	7978670	0.97	cps
Indium	115-2	2224390	2177971	2226059	2209473	1.24	cps
Iron	56-2	250995756	249073728	250691611	250253698	0.41	cps
Iron	57-2	6237236	6155517	6196330	6196361	0.66	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	ICSAB04	Instrumnet Name :	P7
Client Sample ID :	ICSAB04	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 12:36:11	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	13728262	13709578	13709562	13715801	0.08	cps
Krypton	83-1	337	320	413	357	13.96	cps
Lead	206-1	164636	170763	171355	168918	2.20	cps
Lead	207-1	142322	145986	147963	145424	1.97	cps
Lead	208-1	648501	670080	674015	664199	2.07	cps
Lithium	6-1	2931200	2759166	2780862	2823742	3.32	cps
Magnesium	24-2	31745793	31547311	31483127	31592077	0.43	cps
Manganese	55-2	59611	59504	60722	59945	1.13	cps
Molybdenum	94-1	4412080	4567687	4591416	4523728	2.15	cps
Molybdenum	95-1	7242282	7481437	7646098	7456605	2.72	cps
Molybdenum	96-1	7801201	7984590	8094937	7960243	1.86	cps
Molybdenum	97-1	4538519	4739170	4700362	4659350	2.28	cps
Molybdenum	98-1	11553274	11811959	12093076	11819436	2.28	cps
Neodymium	150-1	53	47	60	53	12.50	cps
Neodymium	150-2	10	27	7	14	74.18	cps
Nickel	60-2	27512	27248	27171	27310	0.65	cps
Phosphorus	31-2	881578	876910	870934	876474	0.61	cps
Potassium	39-2	32592905	32478697	32080573	32384058	0.83	cps
Rhodium	103-1	7263963	6970856	7113269	7116030	2.06	cps
Rhodium	103-2	3478559	3434276	3522738	3478524	1.27	cps
Scandium	45-1	6143275	5984721	5967693	6031896	1.61	cps
Scandium	45-2	399730	396075	399254	398353	0.50	cps
Selenium	82-1	2562	2537	2545	2548	0.51	cps
Selenium	77-2	163	217	240	207	19.01	cps
Selenium	78-2	826	769	874	823	6.42	cps
Silicon	28-1	1930583	1905229	1942715	1926175	0.99	cps
Silver	107-1	161206	169043	171176	167142	3.14	cps
Silver	109-1	154528	159504	161989	158674	2.39	cps
Sodium	23-2	54978572	55188635	54775837	54981015	0.38	cps
Strontium	86-1	244158	251038	252132	249109	1.74	cps
Strontium	88-1	2091930	2117227	2121705	2110287	0.76	cps
Sulfur	34-1	4452377	4610167	4538011	4533518	1.74	cps
Terbium	159-1	10922074	10593289	10750565	10755309	1.53	cps
Terbium	159-2	5782771	5772913	5862330	5806005	0.84	cps
Thallium	203-1	135999	140545	140200	138915	1.82	cps
Thallium	205-1	320062	326819	332974	326618	1.98	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	ICSAB04	Instrumnet Name :	P7
Client Sample ID :	ICSAB04	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 12:36:11	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	333185	345990	346597	341924	2.22	cps
Titanium	47-1	2435010	2497368	2489456	2473945	1.37	cps
Uranium	238-1	1345785	1385884	1380451	1370707	1.59	cps
Vanadium	51-2	49675	49712	50140	49842	0.52	cps
Yttrium	89-1	13796627	13203006	13350604	13450079	2.30	cps
Yttrium	89-2	2659313	2663241	2663926	2662160	0.09	cps
Zinc	66-2	14631	14067	14430	14376	1.99	cps
Zirconium	90-1	806156	826651	834050	822286	1.76	cps
Zirconium	91-1	176698	179641	183090	179809	1.78	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P7
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 12:39:28	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9330683	9290970	9276458	9299370	0.30	cps
Antimony	121-1	3148201	3174716	3156418	3159778	0.43	cps
Arsenic	75-2	148877	149926	147646	148817	0.77	cps
Barium	135-1	4534263	4610203	4664713	4603060	1.42	cps
Barium	137-1	7720744	7885199	8057059	7887667	2.13	cps
Beryllium	9-1	911975	949700	951213	937630	2.37	cps
Bismuth	209-1	5836143	5833832	5867028	5845668	0.32	cps
Bismuth	209-2	3887411	3960503	3966434	3938116	1.12	cps
Boron	10-1	374144	392004	409796	391981	4.55	cps
Boron	11-1	1683033	1731698	1781353	1732028	2.84	cps
Bromine	81-1	25339	24846	26032	25406	2.34	cps
Bromine	81-2	100	100	100	100	0.00	cps
Cadmium	111-1	848202	866760	871441	862134	1.43	cps
Cadmium	106-1	106590	107219	109251	107687	1.29	cps
Cadmium	108-1	71508	73225	72794	72509	1.23	cps
Calcium	43-1	6260961	6468666	6479136	6402921	1.92	cps
Calcium	44-1	99875608	102322254	101302338	101166733	1.21	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1424435	1438528	1438928	1433964	0.58	cps
Cobalt	59-2	2109857	2103834	2104089	2105926	0.16	cps
Copper	63-2	15127900	15103175	15064024	15098366	0.21	cps
Dysprosium	156-1	983	942	942	956	2.52	cps
Dysprosium	156-2	583	597	563	581	2.89	cps
Erbium	164-1	225	150	167	181	21.81	cps
Erbium	164-2	73	117	90	93	23.42	cps
Gadolinium	160-1	942	775	825	847	10.09	cps
Gadolinium	160-2	720	720	757	732	2.89	cps
Holmium	165-1	10250690	10004510	10160712	10138637	1.23	cps
Holmium	165-2	5624633	5793265	5787584	5735161	1.67	cps
Indium	115-1	7675790	7652148	7558495	7628811	0.81	cps
Indium	115-2	2188412	2180186	2205253	2191284	0.58	cps
Iron	56-2	321093763	324736663	326735852	324188759	0.88	cps
Iron	57-2	7935934	8069200	7969483	7991539	0.87	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P7
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 12:39:28	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	17471193	17799484	17673851	17648176	0.94	cps
Krypton	83-1	437	407	377	407	7.38	cps
Lead	206-1	14373911	14793548	14916160	14694540	1.94	cps
Lead	207-1	13113854	13506944	13596853	13405884	1.92	cps
Lead	208-1	58730093	60362239	60620842	59904391	1.71	cps
Lithium	6-1	2673572	2658550	2673679	2668600	0.33	cps
Magnesium	24-2	87831891	87508863	86997846	87446200	0.48	cps
Manganese	55-2	10482866	10671515	10773338	10642573	1.38	cps
Molybdenum	94-1	14270293	14598690	14980222	14616402	2.43	cps
Molybdenum	95-1	20888770	21078628	21400089	21122496	1.22	cps
Molybdenum	96-1	22395091	23261607	23003851	22886849	1.94	cps
Molybdenum	97-1	12711509	13413013	13204329	13109617	2.75	cps
Molybdenum	98-1	32705144	33830308	33858212	33464555	1.97	cps
Neodymium	150-1	547	627	540	571	8.45	cps
Neodymium	150-2	130	127	113	123	7.15	cps
Nickel	60-2	556697	561077	560176	559317	0.41	cps
Phosphorus	31-2	96260	94415	94390	95022	1.13	cps
Potassium	39-2	42838006	42917403	43398100	43051170	0.70	cps
Rhodium	103-1	6803758	6830093	6847199	6827017	0.32	cps
Rhodium	103-2	3367798	3426714	3413116	3402543	0.91	cps
Scandium	45-1	5939343	5994334	5914314	5949331	0.69	cps
Scandium	45-2	404082	409397	406212	406564	0.66	cps
Selenium	82-1	64577	66346	65678	65534	1.36	cps
Selenium	77-2	5221	5151	5284	5219	1.28	cps
Selenium	78-2	17190	17614	16967	17257	1.90	cps
Silicon	28-1	61104831	61961020	61357828	61474560	0.72	cps
Silver	107-1	4474182	4507135	4532448	4504588	0.65	cps
Silver	109-1	4215794	4344413	4305702	4288636	1.54	cps
Sodium	23-2	139630792	141704570	140886445	140740602	0.74	cps
Strontium	86-1	32732381	33908863	33543653	33394966	1.80	cps
Strontium	88-1	285254240	290084973	290723898	288687704	1.04	cps
Sulfur	34-1	730209	744626	742295	739043	1.05	cps
Terbium	159-1	10389032	10578117	10441082	10469410	0.93	cps
Terbium	159-2	5739077	5967650	5854255	5853661	1.95	cps
Thallium	203-1	3461441	3522020	3575032	3519497	1.61	cps
Thallium	205-1	8177754	8382705	8480032	8346830	1.85	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P7
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 12:39:28	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	2884167	2937685	2916231	2912695	0.92	cps
Titanium	47-1	6547393	6780497	6747400	6691763	1.88	cps
Uranium	238-1	11965843	12449056	12404030	12272976	2.17	cps
Vanadium	51-2	1287293	1291189	1279633	1286038	0.46	cps
Yttrium	89-1	13373802	13379654	13171853	13308436	0.89	cps
Yttrium	89-2	2647200	2699448	2714690	2687113	1.32	cps
Zinc	66-2	2321232	2341017	2307039	2323096	0.73	cps
Zirconium	90-1	6965936	7186018	7261436	7137796	2.15	cps
Zirconium	91-1	1552980	1588635	1610994	1584203	1.85	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P7
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 12:44:18	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	339	300	289	309	8.49	cps
Antimony	121-1	958	1025	1042	1008	4.37	cps
Arsenic	75-2	7	11	11	10	21.63	cps
Barium	135-1	175	92	183	150	33.79	cps
Barium	137-1	250	250	225	242	5.97	cps
Beryllium	9-1	260	267	327	284	12.91	cps
Bismuth	209-1	6785877	6521398	6615323	6640866	2.02	cps
Bismuth	209-2	4482447	4451000	4410417	4447954	0.81	cps
Boron	10-1	6402	6235	6176	6271	1.86	cps
Boron	11-1	29036	29170	28001	28736	2.23	cps
Bromine	81-1	27652	27526	26015	27064	3.37	cps
Bromine	81-2	100	110	70	93	22.30	cps
Cadmium	111-1	1010	1046	1003	1020	2.28	cps
Cadmium	106-1	4901	5193	4793	4962	4.17	cps
Cadmium	108-1	29	25	8	21	52.93	cps
Calcium	43-1	400	417	1317	711	73.79	cps
Calcium	44-1	53602	54380	64740	57574	10.80	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	877	857	830	854	2.74	cps
Cobalt	59-2	97	147	100	114	24.43	cps
Copper	63-2	1987	2023	1793	1935	6.39	cps
Dysprosium	156-1	17	33	0	17	99.99	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	33	58	33	42	34.64	cps
Erbium	164-2	23	37	17	26	39.85	cps
Gadolinium	160-1	42	75	33	50	44.10	cps
Gadolinium	160-2	303	240	217	253	17.70	cps
Holmium	165-1	10675642	10323644	10187419	10395568	2.42	cps
Holmium	165-2	5867534	5866962	5769531	5834676	0.97	cps
Indium	115-1	8397625	8316383	8248913	8320974	0.89	cps
Indium	115-2	2351599	2372071	2326068	2349913	0.98	cps
Iron	56-2	18423	17911	17282	17872	3.20	cps
Iron	57-2	728	822	644	732	12.16	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P7
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 12:44:18	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2012	2242	2242	2166	6.14	cps
Krypton	83-1	370	347	297	338	11.09	cps
Lead	206-1	889	767	1050	902	15.76	cps
Lead	207-1	967	939	806	904	9.53	cps
Lead	208-1	3967	3567	3884	3806	5.55	cps
Lithium	6-1	2923390	2838406	2835728	2865841	1.74	cps
Magnesium	24-2	2328	2028	2000	2119	8.58	cps
Manganese	55-2	520	477	457	484	6.68	cps
Molybdenum	94-1	1083	850	992	975	12.06	cps
Molybdenum	95-1	1183	1158	1175	1172	1.09	cps
Molybdenum	96-1	1250	1267	1383	1300	5.59	cps
Molybdenum	97-1	942	575	658	725	26.51	cps
Molybdenum	98-1	1984	1642	1684	1770	10.53	cps
Neodymium	150-1	0	20	0	7	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	277	300	240	272	11.11	cps
Phosphorus	31-2	1934	2367	2200	2167	10.09	cps
Potassium	39-2	68488	68798	68387	68557	0.31	cps
Rhodium	103-1	7928287	7607301	7562684	7699424	2.59	cps
Rhodium	103-2	3787580	3779018	3740875	3769157	0.66	cps
Scandium	45-1	6293337	6072462	6095669	6153823	1.97	cps
Scandium	45-2	403165	400072	405230	402822	0.64	cps
Selenium	82-1	-39	15	48	8	555.70	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	213	193	217	207	6.25	cps
Silicon	28-1	1490570	1434562	1472047	1465726	1.95	cps
Silver	107-1	442	308	450	400	19.87	cps
Silver	109-1	333	392	325	350	10.38	cps
Sodium	23-2	111315	111663	109586	110855	1.00	cps
Strontium	86-1	1300	1250	1984	1511	27.13	cps
Strontium	88-1	7861	7302	16834	10666	50.16	cps
Sulfur	34-1	306895	306300	306231	306475	0.12	cps
Terbium	159-1	11006814	10575694	10482786	10688432	2.62	cps
Terbium	159-2	5909253	5980869	5908484	5932869	0.70	cps
Thallium	203-1	342	300	350	331	8.10	cps
Thallium	205-1	867	675	683	742	14.61	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P7
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 12:44:18	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	1009	892	850	917	8.96	cps
Titanium	47-1	542	400	1435	792	70.81	cps
Uranium	238-1	329	215	205	249	27.66	cps
Vanadium	51-2	47	27	27	33	34.64	cps
Yttrium	89-1	13711449	13448188	13559237	13572958	0.97	cps
Yttrium	89-2	2745208	2694981	2726330	2722173	0.93	cps
Zinc	66-2	613	680	580	624	8.15	cps
Zirconium	90-1	742	592	858	731	18.30	cps
Zirconium	91-1	142	175	200	172	16.99	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 12:47:11	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3951	3884	4128	3988	3.17	cps
Antimony	121-1	12422	13398	13799	13206	5.36	cps
Arsenic	75-2	302	304	341	315	6.95	cps
Barium	135-1	17578	17311	18354	17748	3.05	cps
Barium	137-1	30149	32028	33223	31800	4.87	cps
Beryllium	9-1	2290	2207	2340	2279	2.96	cps
Bismuth	209-1	6392614	6477610	6558881	6476368	1.28	cps
Bismuth	209-2	4517869	4482822	4437722	4479471	0.90	cps
Boron	10-1	9111	9937	9453	9500	4.37	cps
Boron	11-1	41440	41941	43830	42403	2.97	cps
Bromine	81-1	26082	26007	26449	26179	0.90	cps
Bromine	81-2	140	160	130	143	10.66	cps
Cadmium	111-1	2752	2805	3090	2882	6.31	cps
Cadmium	106-1	5376	5443	5943	5587	5.55	cps
Cadmium	108-1	188	192	158	179	10.14	cps
Calcium	43-1	13398	13840	14015	13751	2.31	cps
Calcium	44-1	263703	271420	270047	268390	1.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6755	6725	6391	6624	3.05	cps
Cobalt	59-2	4517	4624	4457	4533	1.86	cps
Copper	63-2	7925	7709	8092	7909	2.43	cps
Dysprosium	156-1	8	0	42	17	132.30	cps
Dysprosium	156-2	7	13	3	8	65.47	cps
Erbium	164-1	42	42	67	50	28.87	cps
Erbium	164-2	17	10	7	11	45.82	cps
Gadolinium	160-1	25	33	42	33	25.01	cps
Gadolinium	160-2	213	257	197	222	13.94	cps
Holmium	165-1	9946692	10279513	10314779	10180328	2.00	cps
Holmium	165-2	5896472	5959017	5813033	5889507	1.24	cps
Indium	115-1	8089370	8263191	8216077	8189546	1.10	cps
Indium	115-2	2378552	2359783	2366641	2368325	0.40	cps
Iron	56-2	149272	149754	149972	149666	0.24	cps
Iron	57-2	4040	4006	4095	4047	1.11	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 12:47:11	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	9573	9613	9613	9600	0.24	cps
Krypton	83-1	353	340	297	330	8.98	cps
Lead	206-1	6107	6135	6029	6090	0.90	cps
Lead	207-1	5485	5707	5729	5640	2.40	cps
Lead	208-1	24498	25226	26027	25251	3.03	cps
Lithium	6-1	2770287	2722909	2883523	2792240	2.96	cps
Magnesium	24-2	174467	174235	174730	174477	0.14	cps
Manganese	55-2	2684	2660	2660	2668	0.51	cps
Molybdenum	94-1	15976	16259	16960	16398	3.09	cps
Molybdenum	95-1	19997	19956	19780	19911	0.58	cps
Molybdenum	96-1	21608	22493	21383	21828	2.69	cps
Molybdenum	97-1	12547	12239	12806	12531	2.27	cps
Molybdenum	98-1	31117	32261	31075	31485	2.14	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1500	1330	1513	1448	7.06	cps
Phosphorus	31-2	2817	2459	2567	2614	7.03	cps
Potassium	39-2	247842	249936	246809	248196	0.64	cps
Rhodium	103-1	7369444	7573194	7601985	7514874	1.69	cps
Rhodium	103-2	3827687	3779667	3873638	3826997	1.23	cps
Scandium	45-1	5923634	6112024	6049746	6028468	1.59	cps
Scandium	45-2	410365	415238	409406	411670	0.76	cps
Selenium	82-1	616	654	705	658	6.77	cps
Selenium	77-2	67	57	63	62	8.18	cps
Selenium	78-2	356	367	374	365	2.55	cps
Silicon	28-1	1531077	1525153	1538954	1531728	0.45	cps
Silver	107-1	8786	9111	9470	9123	3.75	cps
Silver	109-1	8511	8661	8878	8683	2.12	cps
Sodium	23-2	385628	382860	386081	384857	0.45	cps
Strontium	86-1	3225	3134	3159	3173	1.49	cps
Strontium	88-1	24855	24821	26041	25239	2.75	cps
Sulfur	34-1	307301	304829	306204	306112	0.40	cps
Terbium	159-1	10389727	10643517	10685427	10572890	1.51	cps
Terbium	159-2	5989506	6004734	5957473	5983904	0.40	cps
Thallium	203-1	7152	7202	7394	7249	1.76	cps
Thallium	205-1	16727	17553	17186	17156	2.41	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 12:47:11	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	29982	31142	31259	30795	2.29	cps
Titanium	47-1	6385	6335	6427	6382	0.72	cps
Uranium	238-1	22241	22761	23220	22741	2.16	cps
Vanadium	51-2	12816	12645	12625	12695	0.82	cps
Yttrium	89-1	12911135	13574219	13616849	13367401	2.96	cps
Yttrium	89-2	2778643	2756081	2750962	2761896	0.53	cps
Zinc	66-2	1787	1753	1480	1673	10.06	cps
Zirconium	90-1	13849	14249	13873	13990	1.60	cps
Zirconium	91-1	2967	3451	3150	3189	7.65	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	N5682-01ADLX100	Instrumnet Name :	P7
Client Sample ID :	MH0AB9TA	Dilution Factor :	100
Date & Time Acquired :	2022-12-06 12:50:09	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	394	294	433	374	19.15	cps
Antimony	121-1	192	342	358	297	30.88	cps
Arsenic	75-2	761	817	776	785	3.67	cps
Barium	135-1	10304	11196	10838	10779	4.17	cps
Barium	137-1	17720	18963	19447	18710	4.76	cps
Beryllium	9-1	147	160	183	163	11.36	cps
Bismuth	209-1	6011234	6085616	6056063	6050971	0.62	cps
Bismuth	209-2	4081712	4150683	4131827	4121407	0.86	cps
Boron	10-1	25113	25797	26966	25958	3.61	cps
Boron	11-1	113656	118318	122768	118247	3.85	cps
Bromine	81-1	49868	59294	62474	57212	11.46	cps
Bromine	81-2	5587	5306	5797	5563	4.43	cps
Cadmium	111-1	1028	1045	1042	1038	0.86	cps
Cadmium	106-1	4876	4893	5026	4932	1.67	cps
Cadmium	108-1	38	13	25	25	50.00	cps
Calcium	43-1	280893	286772	291543	286403	1.86	cps
Calcium	44-1	4154763	4336899	4340890	4277517	2.49	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	947	927	777	883	10.52	cps
Cobalt	59-2	520	563	533	539	4.12	cps
Copper	63-2	2023	1940	2127	2030	4.61	cps
Dysprosium	156-1	25	25	58	36	53.29	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	58	58	42	53	18.23	cps
Erbium	164-2	20	10	13	14	35.26	cps
Gadolinium	160-1	25	42	42	36	26.65	cps
Gadolinium	160-2	213	203	233	217	7.05	cps
Holmium	165-1	10162752	10053750	10274366	10163623	1.09	cps
Holmium	165-2	5757674	5837377	5902706	5832585	1.25	cps
Indium	115-1	7908476	7872210	8006204	7928963	0.87	cps
Indium	115-2	2273697	2266444	2313202	2284447	1.10	cps
Iron	56-2	12672	12761	12956	12796	1.13	cps
Iron	57-2	3173	3356	3245	3258	2.84	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	N5682-01ADLX100	Instrumnet Name :	P7
Client Sample ID :	MH0AB9TA	Dilution Factor :	100
Date & Time Acquired :	2022-12-06 12:50:09	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1822	1622	1782	1742	6.08	cps
Krypton	83-1	263	387	300	317	20.00	cps
Lead	206-1	928	989	944	954	3.31	cps
Lead	207-1	922	867	1017	935	8.11	cps
Lead	208-1	3834	4073	3995	3967	3.07	cps
Lithium	6-1	2794608	2810507	2728449	2777854	1.57	cps
Magnesium	24-2	2007998	1995655	1981354	1995003	0.67	cps
Manganese	55-2	11414	11077	11074	11189	1.75	cps
Molybdenum	94-1	6227	6618	5618	6154	8.19	cps
Molybdenum	95-1	9804	10696	10354	10284	4.38	cps
Molybdenum	96-1	10112	11463	11705	11093	7.74	cps
Molybdenum	97-1	6577	6810	6277	6554	4.08	cps
Molybdenum	98-1	16059	16944	16251	16418	2.83	cps
Neodymium	150-1	7	27	13	16	65.47	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	377	447	490	438	13.06	cps
Phosphorus	31-2	2300	2500	2467	2422	4.42	cps
Potassium	39-2	29838885	30121310	30021165	29993787	0.48	cps
Rhodium	103-1	7020088	7086408	7062739	7056412	0.48	cps
Rhodium	103-2	3609568	3604339	3595304	3603070	0.20	cps
Scandium	45-1	6012805	5993087	5966685	5990859	0.39	cps
Scandium	45-2	403125	405632	404803	404520	0.32	cps
Selenium	82-1	106	12	74	64	74.49	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	194	202	217	204	5.54	cps
Silicon	28-1	3704118	3702988	3722867	3709991	0.30	cps
Silver	107-1	525	692	642	619	13.81	cps
Silver	109-1	608	592	492	564	11.19	cps
Sodium	23-2	147816570	149569070	147381520	148255720	0.78	cps
Strontium	86-1	657937	671271	673871	667693	1.28	cps
Strontium	88-1	5509235	5744988	5804463	5686229	2.75	cps
Sulfur	34-1	550577	547297	555457	551111	0.75	cps
Terbium	159-1	10586397	10345845	10490128	10474123	1.16	cps
Terbium	159-2	5874178	5943333	5991478	5936330	0.99	cps
Thallium	203-1	450	450	417	439	4.39	cps
Thallium	205-1	1133	1017	950	1033	8.98	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	N5682-01ADLX100	Instrumnet Name :	P7
Client Sample ID :	MH0AB9TA	Dilution Factor :	100
Date & Time Acquired :	2022-12-06 12:50:09	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	758	592	575	642	15.80	cps
Titanium	47-1	467	525	483	492	6.11	cps
Uranium	238-1	2047	2003	1988	2013	1.52	cps
Vanadium	51-2	463	520	523	502	6.71	cps
Yttrium	89-1	13093962	13171478	13320641	13195360	0.87	cps
Yttrium	89-2	2722630	2751207	2720624	2731487	0.63	cps
Zinc	66-2	683	580	700	654	9.93	cps
Zirconium	90-1	525	533	425	494	12.19	cps
Zirconium	91-1	133	92	175	133	31.25	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	N5750-01ADLX100	Instrumnet Name :	P7
Client Sample ID :	MH0AB9DA	Dilution Factor :	100
Date & Time Acquired :	2022-12-06 12:53:03	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	222	194	306	241	24.02	cps
Antimony	121-1	217	283	208	236	17.41	cps
Arsenic	75-2	141	176	122	146	18.65	cps
Barium	135-1	10337	10563	10446	10449	1.08	cps
Barium	137-1	18195	18129	17670	17998	1.59	cps
Beryllium	9-1	150	150	177	159	9.69	cps
Bismuth	209-1	6020870	6065844	6067426	6051380	0.44	cps
Bismuth	209-2	4181922	4206750	4192765	4193812	0.30	cps
Boron	10-1	24645	25446	26064	25385	2.80	cps
Boron	11-1	110201	120745	120332	117092	5.10	cps
Bromine	81-1	53406	59177	63763	58782	8.83	cps
Bromine	81-2	5487	5837	5777	5700	3.29	cps
Cadmium	111-1	4558	4688	4802	4683	2.61	cps
Cadmium	106-1	5218	5368	5776	5454	5.30	cps
Cadmium	108-1	254	296	279	276	7.59	cps
Calcium	43-1	270438	281314	277388	276380	1.99	cps
Calcium	44-1	4071138	4152648	4242871	4155552	2.07	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	843	960	860	888	7.11	cps
Cobalt	59-2	533	623	537	564	9.04	cps
Copper	63-2	1960	1893	1900	1918	1.91	cps
Dysprosium	156-1	33	25	17	25	33.32	cps
Dysprosium	156-2	7	0	10	6	91.64	cps
Erbium	164-1	42	75	58	58	28.57	cps
Erbium	164-2	20	13	37	23	51.52	cps
Gadolinium	160-1	83	50	50	61	31.50	cps
Gadolinium	160-2	243	223	233	233	4.29	cps
Holmium	165-1	10131069	10257686	10318687	10235814	0.93	cps
Holmium	165-2	5859604	5819724	5849424	5842917	0.35	cps
Indium	115-1	7750347	7868213	7965843	7861467	1.37	cps
Indium	115-2	2305757	2282543	2271708	2286670	0.76	cps
Iron	56-2	12144	12133	12205	12161	0.32	cps
Iron	57-2	3095	3428	3067	3197	6.29	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	N5750-01ADLX100	Instrumnet Name :	P7
Client Sample ID :	MH0AB9DA	Dilution Factor :	100
Date & Time Acquired :	2022-12-06 12:53:03	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2032	1582	1962	1859	13.04	cps
Krypton	83-1	383	387	377	382	1.33	cps
Lead	206-1	761	1056	856	891	16.88	cps
Lead	207-1	644	700	733	693	6.48	cps
Lead	208-1	3295	3606	3256	3385	5.67	cps
Lithium	6-1	2791704	2780487	2719824	2764005	1.40	cps
Magnesium	24-2	1941435	1960796	1951516	1951249	0.50	cps
Manganese	55-2	11037	11141	10724	10967	1.98	cps
Molybdenum	94-1	5785	6302	5910	5999	4.50	cps
Molybdenum	95-1	9995	10946	10087	10343	5.07	cps
Molybdenum	96-1	10929	10946	11121	10999	0.97	cps
Molybdenum	97-1	6251	6485	6727	6488	3.66	cps
Molybdenum	98-1	15292	16043	16126	15820	2.90	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	473	443	450	456	3.46	cps
Phosphorus	31-2	2342	2675	2384	2467	7.36	cps
Potassium	39-2	29391379	29671626	29200739	29421248	0.81	cps
Rhodium	103-1	7066617	7091970	7158114	7105567	0.66	cps
Rhodium	103-2	3571916	3509509	3559108	3546844	0.93	cps
Scandium	45-1	5937213	5913333	5994797	5948448	0.70	cps
Scandium	45-2	409455	405744	409450	408217	0.52	cps
Selenium	82-1	40	39	-20	20	173.38	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	233	209	228	223	5.64	cps
Silicon	28-1	3624970	3739687	3718429	3694362	1.65	cps
Silver	107-1	367	400	417	394	6.46	cps
Silver	109-1	458	325	425	403	17.23	cps
Sodium	23-2	146082514	146366331	145890298	146113048	0.16	cps
Strontium	86-1	628662	651060	647953	642558	1.89	cps
Strontium	88-1	5453907	5667521	5601223	5574217	1.96	cps
Sulfur	34-1	535818	549469	547151	544146	1.34	cps
Terbium	159-1	10496137	10526592	10517636	10513455	0.15	cps
Terbium	159-2	5854837	5899414	6023906	5926052	1.48	cps
Thallium	203-1	325	292	333	317	6.96	cps
Thallium	205-1	942	1000	983	975	3.08	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	N5750-01ADLX100	Instrumnet Name :	P7
Client Sample ID :	MH0AB9DA	Dilution Factor :	100
Date & Time Acquired :	2022-12-06 12:53:03	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	667	642	675	661	2.62	cps
Titanium	47-1	500	692	708	633	18.28	cps
Uranium	238-1	1673	1940	1675	1763	8.71	cps
Vanadium	51-2	380	383	407	390	3.73	cps
Yttrium	89-1	13255335	13255091	13257194	13255873	0.01	cps
Yttrium	89-2	2649336	2718587	2736340	2701421	1.70	cps
Zinc	66-2	743	703	680	709	4.52	cps
Zirconium	90-1	533	558	592	561	5.22	cps
Zirconium	91-1	117	75	100	97	21.57	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P7
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 12:55:53	DataFile Name :	023CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9439241	9563454	9418058	9473584	0.83	cps
Antimony	121-1	3156722	3274588	3226240	3219184	1.84	cps
Arsenic	75-2	149771	149273	148144	149063	0.56	cps
Barium	135-1	4642103	4693420	4651939	4662487	0.58	cps
Barium	137-1	7930582	8013799	7987397	7977259	0.53	cps
Beryllium	9-1	951831	980657	984560	972349	1.84	cps
Bismuth	209-1	6026239	6060600	5981577	6022805	0.66	cps
Bismuth	209-2	4011659	4011180	4018693	4013844	0.10	cps
Boron	10-1	389418	421233	417801	409484	4.26	cps
Boron	11-1	1707823	1857947	1841388	1802386	4.57	cps
Bromine	81-1	29789	29572	28570	29310	2.22	cps
Bromine	81-2	390	310	370	357	11.67	cps
Cadmium	111-1	857773	885610	877701	873695	1.64	cps
Cadmium	106-1	107841	109267	110460	109189	1.20	cps
Cadmium	108-1	72379	73945	73870	73398	1.20	cps
Calcium	43-1	6398464	6535994	6480041	6471500	1.07	cps
Calcium	44-1	99913825	103641000	103616018	102390281	2.09	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1428181	1433118	1427475	1429591	0.22	cps
Cobalt	59-2	2123612	2130193	2116213	2123340	0.33	cps
Copper	63-2	15164055	15327039	15189616	15226903	0.58	cps
Dysprosium	156-1	892	1033	850	925	10.39	cps
Dysprosium	156-2	657	590	610	619	5.53	cps
Erbium	164-1	225	142	100	156	40.92	cps
Erbium	164-2	70	110	93	91	22.05	cps
Gadolinium	160-1	925	758	925	869	11.07	cps
Gadolinium	160-2	800	813	717	777	6.75	cps
Holmium	165-1	10472335	10409713	10181872	10354640	1.48	cps
Holmium	165-2	5753309	5749877	5900589	5801258	1.48	cps
Indium	115-1	7824758	7697928	7697700	7740129	0.95	cps
Indium	115-2	2198582	2203073	2214486	2205380	0.37	cps
Iron	56-2	325430396	324550263	322422296	324134318	0.48	cps
Iron	57-2	8047206	8026900	8055059	8043055	0.18	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P7
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 12:55:53	DataFile Name :	023CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	17686520	17698794	17644429	17676581	0.16	cps
Krypton	83-1	353	427	383	388	9.51	cps
Lead	206-1	14532245	15194659	15136634	14954513	2.45	cps
Lead	207-1	13331451	13622718	13672495	13542221	1.36	cps
Lead	208-1	59567164	61401242	61522781	60830396	1.80	cps
Lithium	6-1	2766215	2686568	2776940	2743241	1.80	cps
Magnesium	24-2	89326569	89323127	88173227	88940974	0.75	cps
Manganese	55-2	10522317	10659288	10713102	10631569	0.93	cps
Molybdenum	94-1	14461396	14640313	14689299	14597003	0.82	cps
Molybdenum	95-1	21187762	21550982	21331391	21356711	0.86	cps
Molybdenum	96-1	22716208	23383074	23107280	23068854	1.45	cps
Molybdenum	97-1	13075878	13212361	13237786	13175342	0.66	cps
Molybdenum	98-1	33602813	34235710	33898464	33912329	0.93	cps
Neodymium	150-1	700	520	567	596	15.69	cps
Neodymium	150-2	93	100	120	104	13.29	cps
Nickel	60-2	562785	567846	561902	564178	0.57	cps
Phosphorus	31-2	93183	95892	94659	94578	1.43	cps
Potassium	39-2	43491531	43208190	43289313	43329678	0.34	cps
Rhodium	103-1	7120884	6950171	6873956	6981670	1.81	cps
Rhodium	103-2	3386203	3429942	3398273	3404806	0.66	cps
Scandium	45-1	6178674	6061952	5991784	6077470	1.55	cps
Scandium	45-2	410106	406507	409151	408588	0.46	cps
Selenium	82-1	65145	67070	66341	66185	1.47	cps
Selenium	77-2	5174	5378	5184	5245	2.19	cps
Selenium	78-2	17481	17238	17688	17469	1.29	cps
Silicon	28-1	61667814	63453695	63470235	62863915	1.65	cps
Silver	107-1	4506191	4629474	4565256	4566974	1.35	cps
Silver	109-1	4273487	4358900	4354114	4328834	1.11	cps
Sodium	23-2	144624825	142097181	143282737	143334914	0.88	cps
Strontium	86-1	33179153	33742729	33633658	33518513	0.89	cps
Strontium	88-1	287362606	291608590	294996557	291322584	1.31	cps
Sulfur	34-1	743157	754479	762163	753267	1.27	cps
Terbium	159-1	10567808	10669091	10688563	10641821	0.61	cps
Terbium	159-2	5944423	5955895	5919562	5939960	0.31	cps
Thallium	203-1	3506680	3638728	3613483	3586297	1.95	cps
Thallium	205-1	8263544	8703020	8598202	8521589	2.69	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P7
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 12:55:53	DataFile Name :	023CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	2908445	3009529	2958276	2958750	1.71	cps
Titanium	47-1	6645066	6804678	6877891	6775878	1.76	cps
Uranium	238-1	12058440	12691543	12455799	12401927	2.58	cps
Vanadium	51-2	1294231	1303546	1286633	1294803	0.65	cps
Yttrium	89-1	13744868	13451171	13422235	13539425	1.32	cps
Yttrium	89-2	2688901	2720510	2701877	2703763	0.59	cps
Zinc	66-2	2323549	2336768	2314850	2325056	0.47	cps
Zirconium	90-1	7089264	7376881	7153650	7206599	2.09	cps
Zirconium	91-1	1580691	1631976	1595819	1602829	1.64	cps

LB Number : LB123132 Operator : Jaswal
 Lab Sample ID : CCB16 Instrumnet Name : P7
 Client Sample ID : CCB16 Dilution Factor : 1
 Date & Time Acquired : 2022-12-06 13:01:22 DataFile Name : 024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	217	328	272	272	20.41	cps
Antimony	121-1	850	1092	958	967	12.52	cps
Arsenic	75-2	11	13	6	10	38.99	cps
Barium	135-1	142	150	67	119	38.42	cps
Barium	137-1	183	183	108	158	27.35	cps
Beryllium	9-1	303	283	247	278	10.35	cps
Bismuth	209-1	6526477	6661671	6607435	6598528	1.03	cps
Bismuth	209-2	4550960	4518785	4461364	4510370	1.01	cps
Boron	10-1	6552	6477	5676	6235	7.78	cps
Boron	11-1	28494	27759	26841	27698	2.99	cps
Bromine	81-1	26274	26700	26641	26538	0.87	cps
Bromine	81-2	110	80	110	100	17.32	cps
Cadmium	111-1	980	976	1049	1002	4.10	cps
Cadmium	106-1	4793	4901	5043	4912	2.55	cps
Cadmium	108-1	17	29	25	24	26.95	cps
Calcium	43-1	350	317	417	361	14.10	cps
Calcium	44-1	48618	49714	47382	48571	2.40	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	797	887	887	857	6.07	cps
Cobalt	59-2	93	80	137	103	28.67	cps
Copper	63-2	1863	1817	1787	1822	2.12	cps
Dysprosium	156-1	25	0	8	11	114.58	cps
Dysprosium	156-2	7	17	7	10	57.72	cps
Erbium	164-1	50	42	50	47	10.18	cps
Erbium	164-2	23	23	17	21	18.21	cps
Gadolinium	160-1	42	50	33	42	20.00	cps
Gadolinium	160-2	227	240	270	246	9.04	cps
Holmium	165-1	10191613	10413487	10340267	10315122	1.10	cps
Holmium	165-2	5957664	5862063	5848967	5889565	1.01	cps
Indium	115-1	8374011	8302962	8282360	8319777	0.58	cps
Indium	115-2	2412208	2417957	2395748	2408637	0.48	cps
Iron	56-2	16081	16131	15753	15988	1.28	cps
Iron	57-2	739	689	578	669	12.34	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P7
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 13:01:22	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1872	1852	2022	1915	4.86	cps
Krypton	83-1	290	313	313	306	4.41	cps
Lead	206-1	811	789	739	780	4.74	cps
Lead	207-1	783	700	678	720	7.72	cps
Lead	208-1	3528	3167	3100	3265	7.05	cps
Lithium	6-1	2866541	2904565	2915344	2895483	0.89	cps
Magnesium	24-2	1733	1778	1656	1722	3.59	cps
Manganese	55-2	433	373	380	396	8.31	cps
Molybdenum	94-1	733	725	617	692	9.41	cps
Molybdenum	95-1	1075	925	750	917	17.75	cps
Molybdenum	96-1	933	908	633	825	20.18	cps
Molybdenum	97-1	475	533	367	458	18.45	cps
Molybdenum	98-1	1200	1083	925	1070	12.91	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	290	280	260	277	5.52	cps
Phosphorus	31-2	2425	2400	2217	2347	4.85	cps
Potassium	39-2	70212	71485	71485	71060	1.03	cps
Rhodium	103-1	7668533	7467556	7658726	7598271	1.49	cps
Rhodium	103-2	3906254	3861409	3845583	3871082	0.81	cps
Scandium	45-1	6045079	6120881	6048540	6071500	0.70	cps
Scandium	45-2	409454	410830	407639	409308	0.39	cps
Selenium	82-1	52	-10	46	29	115.41	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	181	206	198	195	6.32	cps
Silicon	28-1	1517994	1503102	1493966	1505021	0.81	cps
Silver	107-1	317	325	208	283	22.97	cps
Silver	109-1	233	192	258	228	14.79	cps
Sodium	23-2	127545	127220	124526	126430	1.31	cps
Strontium	86-1	1025	1142	917	1028	10.95	cps
Strontium	88-1	5468	4334	4126	4643	15.56	cps
Sulfur	34-1	316479	312938	310993	313470	0.89	cps
Terbium	159-1	10561368	10880539	10682460	10708122	1.50	cps
Terbium	159-2	6028431	6025840	6001936	6018736	0.24	cps
Thallium	203-1	292	242	367	300	20.97	cps
Thallium	205-1	658	775	708	714	8.20	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P7
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 13:01:22	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	633	667	767	689	10.07	cps
Titanium	47-1	542	375	533	483	19.43	cps
Uranium	238-1	139	142	167	149	10.20	cps
Vanadium	51-2	27	17	23	22	22.91	cps
Yttrium	89-1	13318131	13498545	13676546	13497741	1.33	cps
Yttrium	89-2	2766743	2782344	2774356	2774481	0.28	cps
Zinc	66-2	617	577	557	583	5.24	cps
Zirconium	90-1	817	617	617	683	16.90	cps
Zirconium	91-1	75	125	133	111	28.40	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	N5317-11DL3X10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL3	Dilution Factor :	10
Date & Time Acquired :	2022-12-06 13:24:29	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2558024	2579607	2620172	2585934	1.22	cps
Antimony	121-1	429352	446322	452919	442864	2.75	cps
Arsenic	75-2	101625	101407	101446	101493	0.11	cps
Barium	135-1	1180273	1230088	1228132	1212831	2.33	cps
Barium	137-1	2065487	2096251	2136986	2099575	1.71	cps
Beryllium	9-1	459611	475810	477054	470825	2.07	cps
Bismuth	209-1	7292878	6748291	6617758	6886309	5.20	cps
Bismuth	209-2	4566673	4688569	4577121	4610788	1.47	cps
Boron	10-1	117796	132213	135329	128446	7.28	cps
Boron	11-1	548449	605703	630804	594985	7.09	cps
Bromine	81-1	27819	29363	28011	28398	2.96	cps
Bromine	81-2	280	300	270	284	5.39	cps
Cadmium	111-1	396646	416985	415999	409877	2.80	cps
Cadmium	106-1	42722	45263	45305	44430	3.33	cps
Cadmium	108-1	28378	29075	29551	29001	2.03	cps
Calcium	43-1	237102	249409	250485	245665	3.03	cps
Calcium	44-1	3515737	3744461	3657081	3639093	3.17	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	317452	316293	315927	316557	0.25	cps
Cobalt	59-2	697258	696101	695010	696123	0.16	cps
Copper	63-2	683081	682001	678651	681244	0.34	cps
Dysprosium	156-1	28045	29415	27978	28479	2.85	cps
Dysprosium	156-2	17094	17715	17478	17429	1.80	cps
Erbium	164-1	17478	18821	19456	18585	5.43	cps
Erbium	164-2	10941	10631	10611	10728	1.73	cps
Gadolinium	160-1	21526	22285	22886	22232	3.07	cps
Gadolinium	160-2	13807	14524	14057	14129	2.58	cps
Holmium	165-1	11890679	10827098	11001448	11239742	5.08	cps
Holmium	165-2	6244486	6245877	6223288	6237884	0.20	cps
Indium	115-1	9260632	8691304	8498862	8816933	4.49	cps
Indium	115-2	2488152	2512000	2397656	2465936	2.45	cps
Iron	56-2	60842090	60119008	60892786	60617962	0.71	cps
Iron	57-2	1507663	1493124	1488179	1496322	0.68	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	N5317-11DL3X10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL3	Dilution Factor :	10
Date & Time Acquired :	2022-12-06 13:24:29	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3325023	3321886	3308896	3318601	0.26	cps
Krypton	83-1	440	377	457	424	9.94	cps
Lead	206-1	1954449	1990532	2044030	1996337	2.26	cps
Lead	207-1	1587069	1650126	1657933	1631709	2.38	cps
Lead	208-1	7604808	7904588	7908269	7805889	2.23	cps
Lithium	6-1	3802366	3627428	3594697	3674831	3.04	cps
Magnesium	24-2	2411993	2382877	2377593	2390821	0.77	cps
Manganese	55-2	2724354	2745465	2743314	2737711	0.42	cps
Molybdenum	94-1	548275	575695	573630	565867	2.70	cps
Molybdenum	95-1	921775	968453	972061	954096	2.94	cps
Molybdenum	96-1	993539	1033812	1049517	1025623	2.82	cps
Molybdenum	97-1	574784	601642	608195	594874	2.98	cps
Molybdenum	98-1	1427242	1480295	1509038	1472192	2.82	cps
Neodymium	150-1	48437	51654	50182	50091	3.22	cps
Neodymium	150-2	25533	24789	24545	24955	2.06	cps
Nickel	60-2	564776	560424	562918	562706	0.39	cps
Phosphorus	31-2	11788	11830	11738	11785	0.39	cps
Potassium	39-2	1180201	1186520	1191940	1186220	0.50	cps
Rhodium	103-1	8621209	7832930	7807700	8087280	5.72	cps
Rhodium	103-2	3960854	3997084	3926904	3961614	0.89	cps
Scandium	45-1	6965322	6502930	6372558	6613604	4.71	cps
Scandium	45-2	444155	441830	441615	442533	0.32	cps
Selenium	82-1	28724	29863	30123	29570	2.52	cps
Selenium	77-2	2417	2427	2340	2395	1.98	cps
Selenium	78-2	8058	7976	8067	8034	0.62	cps
Silicon	28-1	4641901	4816544	4107904	4522117	8.16	cps
Silver	107-1	378170	390433	393787	387463	2.12	cps
Silver	109-1	367957	377641	386078	377225	2.40	cps
Sodium	23-2	3725801	3687309	3732412	3715174	0.66	cps
Strontium	86-1	486709	509503	509411	501874	2.62	cps
Strontium	88-1	4064984	4279111	4360410	4234835	3.60	cps
Sulfur	34-1	317548	315276	316879	316568	0.37	cps
Terbium	159-1	12096988	11305876	11066976	11489947	4.69	cps
Terbium	159-2	6276813	6328018	6149730	6251520	1.47	cps
Thallium	203-1	2308332	2388180	2420060	2372191	2.43	cps
Thallium	205-1	5428488	5665799	5635152	5576480	2.31	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	N5317-11DL3X10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL3	Dilution Factor :	10
Date & Time Acquired :	2022-12-06 13:24:29	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	908406	960454	952111	940324	2.97	cps
Titanium	47-1	702842	749054	748771	733556	3.63	cps
Uranium	238-1	1509481	1714693	1601290	1608488	6.39	cps
Vanadium	51-2	472413	470967	469703	471028	0.29	cps
Yttrium	89-1	15538284	14826180	14630605	14998356	3.19	cps
Yttrium	89-2	3027559	3004002	2996780	3009447	0.53	cps
Zinc	66-2	102357	102666	102082	102368	0.29	cps
Zirconium	90-1	59320	59212	60794	59775	1.48	cps
Zirconium	91-1	13223	14626	12981	13610	6.52	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	N5317-11DL2X5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	5
Date & Time Acquired :	2022-12-06 13:32:25	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4967200	5015895	4957324	4980139	0.63	cps
Antimony	121-1	857230	876769	893112	875704	2.05	cps
Arsenic	75-2	207251	208230	207585	207689	0.24	cps
Barium	135-1	2653792	2724016	2714726	2697511	1.41	cps
Barium	137-1	4561881	4714741	4698954	4658525	1.80	cps
Beryllium	9-1	878691	899631	907541	895288	1.67	cps
Bismuth	209-1	6868043	6880218	6876326	6874863	0.09	cps
Bismuth	209-2	4596954	4545091	4553416	4565154	0.61	cps
Boron	10-1	268078	275939	288041	277353	3.63	cps
Boron	11-1	1206018	1235481	1283946	1241815	3.17	cps
Bromine	81-1	31142	30875	30858	30958	0.51	cps
Bromine	81-2	330	390	390	370	9.36	cps
Cadmium	111-1	837205	863132	870533	856957	2.04	cps
Cadmium	106-1	85133	88988	88419	87513	2.38	cps
Cadmium	108-1	58723	60329	60977	60010	1.93	cps
Calcium	43-1	488937	498589	501226	496251	1.30	cps
Calcium	44-1	7234619	7449657	7481593	7388623	1.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	626621	626335	632051	628336	0.51	cps
Cobalt	59-2	1395558	1400105	1401177	1398946	0.21	cps
Copper	63-2	1364234	1371548	1367537	1367773	0.27	cps
Dysprosium	156-1	54331	56188	57367	55962	2.74	cps
Dysprosium	156-2	33807	34352	34198	34119	0.82	cps
Erbium	164-1	37000	37685	39389	38025	3.24	cps
Erbium	164-2	21684	21573	21774	21677	0.46	cps
Gadolinium	160-1	44998	46202	46754	45985	1.95	cps
Gadolinium	160-2	27193	28031	27587	27604	1.52	cps
Holmium	165-1	11194175	11145678	11290939	11210264	0.66	cps
Holmium	165-2	6284709	6176584	6293020	6251438	1.04	cps
Indium	115-1	8630776	8651299	8558469	8613515	0.57	cps
Indium	115-2	2432525	2412455	2414779	2419920	0.45	cps
Iron	56-2	114557653	114113047	114616108	114428936	0.24	cps
Iron	57-2	2815895	2851551	2826753	2831400	0.65	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	N5317-11DL2X5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	5
Date & Time Acquired :	2022-12-06 13:32:25	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	6297055	6345344	6299324	6313907	0.43	cps
Krypton	83-1	673	783	717	724	7.65	cps
Lead	206-1	4149231	4204407	4340291	4231310	2.32	cps
Lead	207-1	3667388	3709364	3705103	3693952	0.63	cps
Lead	208-1	16628549	16913892	16997660	16846700	1.15	cps
Lithium	6-1	3982812	4002054	3901042	3961969	1.35	cps
Magnesium	24-2	4831990	4747379	4791466	4790278	0.88	cps
Manganese	55-2	5432458	5473038	5407261	5437586	0.61	cps
Molybdenum	94-1	1139760	1182814	1187518	1170031	2.25	cps
Molybdenum	95-1	1909238	1936532	1962504	1936091	1.38	cps
Molybdenum	96-1	2046169	2057689	2101848	2068569	1.42	cps
Molybdenum	97-1	1195492	1240785	1244509	1226929	2.22	cps
Molybdenum	98-1	3018907	3097728	3072447	3063028	1.31	cps
Neodymium	150-1	98931	101584	103598	101371	2.31	cps
Neodymium	150-2	48369	48540	48858	48589	0.51	cps
Nickel	60-2	1136743	1128961	1128922	1131542	0.40	cps
Phosphorus	31-2	20698	20865	20598	20720	0.65	cps
Potassium	39-2	2112404	2154648	2140305	2135786	1.01	cps
Rhodium	103-1	7875968	7866599	8018047	7920205	1.07	cps
Rhodium	103-2	3965960	3966293	3928782	3953678	0.55	cps
Scandium	45-1	6607881	6503981	6354606	6488823	1.96	cps
Scandium	45-2	434167	434786	438365	435772	0.52	cps
Selenium	82-1	59608	61360	61987	60985	2.02	cps
Selenium	77-2	4781	4781	4657	4740	1.50	cps
Selenium	78-2	16294	16144	16315	16251	0.57	cps
Silicon	28-1	7622346	8387667	8051487	8020500	4.78	cps
Silver	107-1	871149	897056	897977	888727	1.71	cps
Silver	109-1	833249	853866	867769	851628	2.04	cps
Sodium	23-2	7265604	7312421	7399470	7325832	0.93	cps
Strontium	86-1	1009322	1048858	1052904	1037028	2.32	cps
Strontium	88-1	8656851	9026984	8856505	8846780	2.09	cps
Sulfur	34-1	310942	311980	308091	310338	0.65	cps
Terbium	159-1	11463790	11367239	11535800	11455610	0.74	cps
Terbium	159-2	6376782	6308621	6257435	6314279	0.95	cps
Thallium	203-1	4826502	5041174	5036150	4967942	2.47	cps
Thallium	205-1	11539768	11788285	11966263	11764772	1.82	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	N5317-11DL2X5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	5
Date & Time Acquired :	2022-12-06 13:32:25	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	1951834	2005609	1992640	1983361	1.41	cps
Titanium	47-1	1457668	1514193	1523676	1498513	2.38	cps
Uranium	238-1	3455578	3664857	3653005	3591147	3.27	cps
Vanadium	51-2	935396	934720	937947	936021	0.18	cps
Yttrium	89-1	15191671	14935436	14934311	15020472	0.99	cps
Yttrium	89-2	2996177	3052859	3000204	3016413	1.05	cps
Zinc	66-2	205325	203119	204321	204255	0.54	cps
Zirconium	90-1	122317	132000	128666	127661	3.85	cps
Zirconium	91-1	26783	28737	28695	28072	3.98	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	N5317-11DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	2
Date & Time Acquired :	2022-12-06 13:37:49	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12303258	12182553	12288443	12258085	0.54	cps
Antimony	121-1	2096594	2189814	2199508	2161972	2.63	cps
Arsenic	75-2	511132	514704	513489	513108	0.35	cps
Barium	135-1	6666761	6876545	6911530	6818279	1.94	cps
Barium	137-1	11400791	11897933	11842715	11713813	2.33	cps
Beryllium	9-1	2191255	2176371	2180264	2182630	0.35	cps
Bismuth	209-1	6850894	6793703	6846003	6830200	0.46	cps
Bismuth	209-2	4449522	4376722	4495454	4440566	1.35	cps
Boron	10-1	567451	605742	655551	609581	7.25	cps
Boron	11-1	2492357	2623730	2902935	2673007	7.84	cps
Bromine	81-1	32002	32236	32520	32253	0.80	cps
Bromine	81-2	701	621	661	661	6.06	cps
Cadmium	111-1	2006798	2092982	2088418	2062733	2.35	cps
Cadmium	106-1	203337	210028	209963	207776	1.85	cps
Cadmium	108-1	145349	150113	151885	149116	2.27	cps
Calcium	43-1	1216370	1161931	1254028	1210776	3.82	cps
Calcium	44-1	18030583	18559023	18730499	18440035	1.98	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1532908	1527271	1522169	1527450	0.35	cps
Cobalt	59-2	3458459	3463527	3437280	3453089	0.40	cps
Copper	63-2	3388776	3398813	3377799	3388463	0.31	cps
Dysprosium	156-1	137266	143942	142874	141361	2.54	cps
Dysprosium	156-2	84130	83590	85253	84324	1.01	cps
Erbium	164-1	98413	97498	97775	97895	0.48	cps
Erbium	164-2	52967	53927	53924	53606	1.03	cps
Gadolinium	160-1	112283	116761	117305	115450	2.39	cps
Gadolinium	160-2	68229	67890	69729	68616	1.43	cps
Holmium	165-1	11444300	11094532	11132602	11223811	1.71	cps
Holmium	165-2	6276912	6218942	6325732	6273862	0.85	cps
Indium	115-1	8499458	8520373	8594308	8538046	0.58	cps
Indium	115-2	2397646	2434171	2417748	2416522	0.76	cps
Iron	56-2	279626695	286549840	282994401	283056979	1.22	cps
Iron	57-2	6983956	6993636	6905195	6960929	0.70	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	N5317-11DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	2
Date & Time Acquired :	2022-12-06 13:37:49	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	15669678	15573650	15509554	15584294	0.52	cps
Krypton	83-1	850	727	913	830	11.44	cps
Lead	206-1	10357484	10577282	10636953	10523906	1.40	cps
Lead	207-1	9063827	9200991	9232218	9165679	0.98	cps
Lead	208-1	41372887	42251441	42358249	41994192	1.29	cps
Lithium	6-1	5861115	5901025	5991644	5917928	1.13	cps
Magnesium	24-2	11853752	11686082	11667062	11735632	0.88	cps
Manganese	55-2	13500510	13423403	13469648	13464520	0.29	cps
Molybdenum	94-1	2787967	2863608	2924892	2858823	2.40	cps
Molybdenum	95-1	4783583	4827876	4830652	4814037	0.55	cps
Molybdenum	96-1	5082641	5189966	5163991	5145533	1.09	cps
Molybdenum	97-1	2956128	3026649	3076917	3019898	2.01	cps
Molybdenum	98-1	7376945	7739085	7789598	7635209	2.95	cps
Neodymium	150-1	248098	257636	258552	254762	2.27	cps
Neodymium	150-2	120244	121918	120227	120797	0.80	cps
Nickel	60-2	2822451	2787295	2770781	2793509	0.94	cps
Phosphorus	31-2	47817	45878	47391	47028	2.17	cps
Potassium	39-2	5198125	5130400	5147614	5158713	0.68	cps
Rhodium	103-1	7693465	7791875	7901531	7795624	1.34	cps
Rhodium	103-2	3888235	3879796	3986943	3918325	1.52	cps
Scandium	45-1	6619947	6616948	6743327	6660074	1.08	cps
Scandium	45-2	446145	446350	448008	446835	0.23	cps
Selenium	82-1	148495	154589	153656	152247	2.16	cps
Selenium	77-2	12065	12192	12452	12236	1.61	cps
Selenium	78-2	39467	39935	39556	39653	0.63	cps
Silicon	28-1	16433639	17781697	18873088	17696142	6.91	cps
Silver	107-1	2126967	2147160	2193128	2155752	1.57	cps
Silver	109-1	2015525	2098653	2101889	2072022	2.36	cps
Sodium	23-2	17827785	17688529	18011957	17842757	0.91	cps
Strontium	86-1	2543977	2623822	2631802	2599867	1.87	cps
Strontium	88-1	21930333	22354637	22635393	22306788	1.59	cps
Sulfur	34-1	324144	320927	323573	322881	0.53	cps
Terbium	159-1	11455923	11438911	11794416	11563083	1.73	cps
Terbium	159-2	6438539	6328431	6373759	6380243	0.87	cps
Thallium	203-1	12067044	12341127	12527150	12311774	1.88	cps
Thallium	205-1	28757201	29994439	29996999	29582879	2.42	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	N5317-11DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	2
Date & Time Acquired :	2022-12-06 13:37:49	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	4798853	5079321	4964893	4947689	2.85	cps
Titanium	47-1	3745507	3779525	3807753	3777595	0.83	cps
Uranium	238-1	8890240	9261182	9087522	9079648	2.04	cps
Vanadium	51-2	2316188	2289155	2292217	2299187	0.64	cps
Yttrium	89-1	15586294	15575110	15898998	15686800	1.17	cps
Yttrium	89-2	3194165	3138379	3170608	3167718	0.88	cps
Zinc	66-2	498701	496922	493788	496470	0.50	cps
Zirconium	90-1	301876	316312	317687	311958	2.81	cps
Zirconium	91-1	70110	70663	72136	70969	1.48	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	N5317-11	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 13:41:03	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24448974	24715405	24469525	24544635	0.60	cps
Antimony	121-1	4235401	4474164	4467634	4392400	3.10	cps
Arsenic	75-2	1029783	1027450	1025255	1027496	0.22	cps
Barium	135-1	13223994	13917111	13981819	13707641	3.06	cps
Barium	137-1	23256717	23963624	24060795	23760378	1.85	cps
Beryllium	9-1	4119279	4278264	4248592	4215378	2.01	cps
Bismuth	209-1	7129941	6953310	6861862	6981704	1.95	cps
Bismuth	209-2	4397742	4447420	4420073	4421745	0.56	cps
Boron	10-1	1056445	1137569	1137506	1110507	4.22	cps
Boron	11-1	4784316	5293479	5458852	5178882	6.79	cps
Bromine	81-1	34123	35652	37290	35688	4.44	cps
Bromine	81-2	1061	1432	1351	1281	15.21	cps
Cadmium	111-1	3980269	4167426	4241498	4129731	3.26	cps
Cadmium	106-1	388031	406824	414672	403176	3.40	cps
Cadmium	108-1	282394	301421	303752	295856	3.96	cps
Calcium	43-1	2222654	2371213	2374392	2322753	3.73	cps
Calcium	44-1	35876718	37986091	37860398	37241069	3.18	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3098506	3055762	3019496	3057921	1.29	cps
Cobalt	59-2	6867517	6818478	6814989	6833661	0.43	cps
Copper	63-2	6670796	6566409	6550849	6596018	0.99	cps
Dysprosium	156-1	275379	295334	293114	287943	3.80	cps
Dysprosium	156-2	170533	171621	169749	170634	0.55	cps
Erbium	164-1	189322	199731	197998	195684	2.85	cps
Erbium	164-2	108451	108192	108622	108422	0.20	cps
Gadolinium	160-1	226335	241126	241866	236443	3.71	cps
Gadolinium	160-2	137430	137780	137922	137711	0.18	cps
Holmium	165-1	12228552	11567962	11696771	11831095	2.96	cps
Holmium	165-2	6375106	6436603	6412145	6407951	0.48	cps
Indium	115-1	8974641	8559336	8627220	8720399	2.55	cps
Indium	115-2	2331225	2368602	2347589	2349139	0.80	cps
Iron	56-2	559809890	561895657	562712513	561472687	0.27	cps
Iron	57-2	14017956	13955784	13886935	13953558	0.47	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	N5317-11	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 13:41:03	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	30826212	31073153	30828222	30909196	0.46	cps
Krypton	83-1	1247	1203	1130	1193	4.94	cps
Lead	206-1	20290773	21396265	21494845	21060628	3.17	cps
Lead	207-1	17700687	18676098	18991575	18456120	3.65	cps
Lead	208-1	81431509	86202092	85700641	84444747	3.10	cps
Lithium	6-1	8815179	9071801	8929069	8938683	1.44	cps
Magnesium	24-2	23173511	23438963	23397637	23336704	0.61	cps
Manganese	55-2	26847194	26790266	26589765	26742408	0.51	cps
Molybdenum	94-1	5529007	5775382	5898368	5734252	3.28	cps
Molybdenum	95-1	9503616	9862672	9987624	9784637	2.57	cps
Molybdenum	96-1	10152578	10692853	10563514	10469648	2.69	cps
Molybdenum	97-1	5809797	6154707	6241019	6068508	3.76	cps
Molybdenum	98-1	15059593	15388909	16040598	15496366	3.22	cps
Neodymium	150-1	498735	523943	529342	517340	3.16	cps
Neodymium	150-2	243303	242664	243452	243139	0.17	cps
Nickel	60-2	5510677	5479928	5516439	5502348	0.36	cps
Phosphorus	31-2	92252	91305	91363	91640	0.58	cps
Potassium	39-2	10205610	10177788	10156095	10179831	0.24	cps
Rhodium	103-1	8139196	7728169	7814859	7894074	2.74	cps
Rhodium	103-2	3858409	3835056	3818020	3837162	0.53	cps
Scandium	45-1	7389078	7081148	7000105	7156777	2.87	cps
Scandium	45-2	468435	469474	468826	468912	0.11	cps
Selenium	82-1	294909	310239	311499	305549	3.02	cps
Selenium	77-2	24100	24403	24060	24188	0.78	cps
Selenium	78-2	78806	78534	78796	78712	0.20	cps
Silicon	28-1	33649302	36084077	36766784	35500054	4.62	cps
Silver	107-1	4126236	4314771	4378082	4273029	3.07	cps
Silver	109-1	3994718	4144322	4159392	4099477	2.22	cps
Sodium	23-2	35614992	35422221	35299160	35445458	0.45	cps
Strontium	86-1	5022614	5222285	5297868	5180922	2.74	cps
Strontium	88-1	43358069	45295600	46346506	45000058	3.37	cps
Sulfur	34-1	356686	363619	362503	360936	1.03	cps
Terbium	159-1	12553758	11919902	11996137	12156599	2.85	cps
Terbium	159-2	6424719	6473540	6520801	6473020	0.74	cps
Thallium	203-1	24200942	25327666	25742409	25090339	3.18	cps
Thallium	205-1	57558978	60785962	60506633	59617191	3.00	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	N5317-11	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 13:41:03	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	9550103	10049321	10235718	9945047	3.56	cps
Titanium	47-1	7281854	7615423	7577441	7491573	2.44	cps
Uranium	238-1	17938344	18908818	19117634	18654932	3.37	cps
Vanadium	51-2	4619585	4592245	4599805	4603878	0.31	cps
Yttrium	89-1	17903965	17332514	17513483	17583321	1.66	cps
Yttrium	89-2	3463490	3468479	3464240	3465403	0.08	cps
Zinc	66-2	973020	967346	967116	969161	0.35	cps
Zirconium	90-1	602965	647378	648270	632871	4.09	cps
Zirconium	91-1	135489	142134	147244	141622	4.16	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	N5317-11DL4REX20	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL4RE	Dilution Factor :	20
Date & Time Acquired :	2022-12-06 13:49:06	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1195983	1201045	1210918	1202649	0.63	cps
Antimony	121-1	221601	229298	231687	227529	2.32	cps
Arsenic	75-2	50195	49614	49147	49652	1.06	cps
Barium	135-1	611521	625408	622952	619960	1.20	cps
Barium	137-1	1045294	1067675	1077588	1063519	1.56	cps
Beryllium	9-1	206768	213805	215118	211897	2.12	cps
Bismuth	209-1	6786439	7005631	6944902	6912324	1.64	cps
Bismuth	209-2	4670837	4719079	4633063	4674327	0.92	cps
Boron	10-1	68502	70419	73408	70776	3.49	cps
Boron	11-1	313866	329849	340826	328180	4.13	cps
Bromine	81-1	28954	29096	29255	29102	0.52	cps
Bromine	81-2	170	190	170	177	6.54	cps
Cadmium	111-1	207742	211389	215189	211440	1.76	cps
Cadmium	106-1	24405	24738	25832	24992	2.99	cps
Cadmium	108-1	14253	14975	14904	14710	2.70	cps
Calcium	43-1	120106	123803	122046	121985	1.52	cps
Calcium	44-1	1810721	1861953	1868921	1847198	1.72	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	153421	155337	154178	154312	0.63	cps
Cobalt	59-2	345852	344050	342134	344012	0.54	cps
Copper	63-2	337917	337435	335611	336988	0.36	cps
Dysprosium	156-1	14758	14458	14349	14522	1.46	cps
Dysprosium	156-2	8960	8713	8773	8815	1.46	cps
Erbium	164-1	9687	10129	10021	9945	2.32	cps
Erbium	164-2	5408	5451	5504	5454	0.89	cps
Gadolinium	160-1	11655	11463	11355	11491	1.32	cps
Gadolinium	160-2	7192	7129	6962	7094	1.68	cps
Holmium	165-1	10717180	11028250	11158355	10967929	2.07	cps
Holmium	165-2	6236041	6204091	6222182	6220772	0.26	cps
Indium	115-1	8579740	8651927	8806495	8679387	1.33	cps
Indium	115-2	2431845	2467795	2461016	2453552	0.78	cps
Iron	56-2	29672034	29196169	29102725	29323643	1.04	cps
Iron	57-2	749466	753472	752659	751866	0.28	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	N5317-11DL4REX20	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL4RE	Dilution Factor :	20
Date & Time Acquired :	2022-12-06 13:49:06	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1664077	1605807	1620512	1630132	1.86	cps
Krypton	83-1	477	583	507	522	10.53	cps
Lead	206-1	956507	983429	993212	977716	1.94	cps
Lead	207-1	823473	841594	851292	838786	1.68	cps
Lead	208-1	3917560	4016839	4058433	3997610	1.81	cps
Lithium	6-1	2664990	2768701	2666436	2700042	2.20	cps
Magnesium	24-2	1146277	1132364	1140919	1139853	0.62	cps
Manganese	55-2	1356421	1344873	1343197	1348164	0.53	cps
Molybdenum	94-1	280104	288294	291206	286535	2.01	cps
Molybdenum	95-1	468837	481938	487586	479454	2.01	cps
Molybdenum	96-1	502039	523088	520245	515124	2.22	cps
Molybdenum	97-1	292851	299084	300469	297468	1.36	cps
Molybdenum	98-1	745302	765404	767577	759428	1.62	cps
Neodymium	150-1	25470	26178	25991	25880	1.42	cps
Neodymium	150-2	12089	12152	12332	12191	1.04	cps
Nickel	60-2	279476	276309	276452	277412	0.64	cps
Phosphorus	31-2	6818	6643	6535	6666	2.15	cps
Potassium	39-2	600960	603250	599690	601300	0.30	cps
Rhodium	103-1	7879758	8022293	7856160	7919404	1.13	cps
Rhodium	103-2	3971820	4036947	4007997	4005588	0.81	cps
Scandium	45-1	6174512	6271909	6365873	6270765	1.53	cps
Scandium	45-2	423171	425059	424184	424138	0.22	cps
Selenium	82-1	14459	14799	14821	14693	1.38	cps
Selenium	77-2	1203	1033	1247	1161	9.71	cps
Selenium	78-2	4010	4047	4265	4107	3.36	cps
Silicon	28-1	3042444	2758508	2877006	2892653	4.93	cps
Silver	107-1	192085	199246	201063	197465	2.40	cps
Silver	109-1	185307	189739	196848	190631	3.05	cps
Sodium	23-2	1837643	1834867	1790455	1820988	1.45	cps
Strontium	86-1	245888	253017	250030	249645	1.43	cps
Strontium	88-1	2155225	2156863	2125868	2145986	0.81	cps
Sulfur	34-1	291057	291126	291192	291125	0.02	cps
Terbium	159-1	11335994	11563609	11545996	11481866	1.10	cps
Terbium	159-2	6265077	6332769	6202587	6266811	1.04	cps
Thallium	203-1	1138503	1176593	1187864	1167653	2.22	cps
Thallium	205-1	2841392	2931330	2914345	2895689	1.65	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	N5317-11DL4REX20	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL4RE	Dilution Factor :	20
Date & Time Acquired :	2022-12-06 13:49:06	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	476224	481358	494956	484179	2.00	cps
Titanium	47-1	354323	368212	364126	362220	1.97	cps
Uranium	238-1	778303	801356	805163	794941	1.83	cps
Vanadium	51-2	227048	230016	228334	228466	0.65	cps
Yttrium	89-1	14290007	14469655	14447908	14402523	0.68	cps
Yttrium	89-2	2947907	2872869	2918596	2913124	1.30	cps
Zinc	66-2	51475	50886	50923	51095	0.65	cps
Zirconium	90-1	30382	30039	31125	30516	1.82	cps
Zirconium	91-1	6877	6893	6468	6746	3.57	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	N5317-11DL4X20	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL4	Dilution Factor :	20
Date & Time Acquired :	2022-12-06 13:51:54	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1225594	1207270	1214459	1215774	0.76	cps
Antimony	121-1	213220	224636	219526	219127	2.61	cps
Arsenic	75-2	51825	51217	52111	51718	0.88	cps
Barium	135-1	659320	687957	687796	678358	2.43	cps
Barium	137-1	1132943	1189170	1181041	1167718	2.60	cps
Beryllium	9-1	212807	221890	221325	218674	2.33	cps
Bismuth	209-1	7008857	7046756	6968419	7008011	0.56	cps
Bismuth	209-2	4667403	4645509	4595456	4636123	0.80	cps
Boron	10-1	67188	71893	72521	70534	4.13	cps
Boron	11-1	309284	330786	334113	324728	4.15	cps
Bromine	81-1	28194	29430	29522	29049	2.55	cps
Bromine	81-2	210	160	130	167	24.25	cps
Cadmium	111-1	213978	221628	220263	218623	1.87	cps
Cadmium	106-1	25606	26483	26024	26038	1.68	cps
Cadmium	108-1	15283	15926	15421	15543	2.18	cps
Calcium	43-1	120477	124710	125751	123646	2.26	cps
Calcium	44-1	1848938	1860020	1862456	1857138	0.39	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	156044	156401	156667	156371	0.20	cps
Cobalt	59-2	351297	349258	353623	351393	0.62	cps
Copper	63-2	343373	348986	346534	346298	0.81	cps
Dysprosium	156-1	14241	14141	14583	14321	1.62	cps
Dysprosium	156-2	8583	8216	8423	8407	2.19	cps
Erbium	164-1	9745	9887	9679	9770	1.09	cps
Erbium	164-2	5288	5234	5411	5311	1.71	cps
Gadolinium	160-1	11522	11372	11663	11519	1.27	cps
Gadolinium	160-2	7022	7062	7172	7085	1.10	cps
Holmium	165-1	11161787	11298469	11186112	11215456	0.65	cps
Holmium	165-2	6279123	6168634	6217798	6221852	0.89	cps
Indium	115-1	8894964	8739689	8704183	8779612	1.16	cps
Indium	115-2	2445930	2450822	2475839	2457530	0.65	cps
Iron	56-2	28394401	28426371	28333965	28384912	0.17	cps
Iron	57-2	729892	735796	733673	733120	0.41	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	N5317-11DL4X20	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL4	Dilution Factor :	20
Date & Time Acquired :	2022-12-06 13:51:54	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1557553	1559674	1582221	1566483	0.87	cps
Krypton	83-1	530	437	500	489	9.75	cps
Lead	206-1	989003	1031857	1029163	1016674	2.36	cps
Lead	207-1	855947	884838	886051	875612	1.95	cps
Lead	208-1	4063866	4230750	4207585	4167400	2.17	cps
Lithium	6-1	2746095	2800050	2796000	2780715	1.08	cps
Magnesium	24-2	1179272	1167773	1165624	1170890	0.63	cps
Manganese	55-2	1369555	1367413	1374868	1370612	0.28	cps
Molybdenum	94-1	286955	298441	295476	293624	2.03	cps
Molybdenum	95-1	480336	502281	496452	493023	2.31	cps
Molybdenum	96-1	519296	535446	535910	530217	1.78	cps
Molybdenum	97-1	298419	311913	306884	305739	2.23	cps
Molybdenum	98-1	766319	799080	787166	784188	2.11	cps
Neodymium	150-1	24088	25730	26438	25419	4.74	cps
Neodymium	150-2	11962	12252	12275	12163	1.44	cps
Nickel	60-2	284176	283580	285368	284375	0.32	cps
Phosphorus	31-2	6818	6418	6818	6685	3.46	cps
Potassium	39-2	618268	612463	619160	616630	0.59	cps
Rhodium	103-1	7946674	8133072	7882846	7987531	1.63	cps
Rhodium	103-2	3956327	4009980	4067001	4011103	1.38	cps
Scandium	45-1	6330012	6284648	6168052	6260904	1.33	cps
Scandium	45-2	422200	420296	423355	421951	0.37	cps
Selenium	82-1	14517	15194	15617	15109	3.67	cps
Selenium	77-2	1077	1100	1170	1116	4.35	cps
Selenium	78-2	4177	4260	4097	4178	1.95	cps
Silicon	28-1	2816832	3058358	3391912	3089034	9.35	cps
Silver	107-1	221252	227753	227691	225565	1.66	cps
Silver	109-1	210956	217319	218564	215613	1.89	cps
Sodium	23-2	1837284	1845190	1856204	1846226	0.51	cps
Strontium	86-1	256084	266087	263797	261990	2.00	cps
Strontium	88-1	2141067	2251145	2267633	2219949	3.10	cps
Sulfur	34-1	290039	295227	290649	291972	0.97	cps
Terbium	159-1	11589371	11478286	11456204	11507954	0.62	cps
Terbium	159-2	6303439	6279780	6262279	6281833	0.33	cps
Thallium	203-1	1187670	1234899	1222681	1215083	2.02	cps
Thallium	205-1	2875496	3049046	2990787	2971776	2.97	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	N5317-11DL4X20	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL4	Dilution Factor :	20
Date & Time Acquired :	2022-12-06 13:51:54	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	491294	510260	510821	504125	2.20	cps
Titanium	47-1	363733	381790	383876	376466	2.94	cps
Uranium	238-1	810629	845161	834273	830021	2.13	cps
Vanadium	51-2	230468	231864	231245	231192	0.30	cps
Yttrium	89-1	14509497	14415288	14372169	14432318	0.49	cps
Yttrium	89-2	2884199	2896393	2877874	2886155	0.33	cps
Zinc	66-2	52830	50930	51291	51684	1.95	cps
Zirconium	90-1	31452	36943	30783	33059	10.22	cps
Zirconium	91-1	6418	6802	7227	6816	5.94	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P7
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 13:55:00	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9091679	9059299	9207584	9119521	0.85	cps
Antimony	121-1	3299130	3362387	3418019	3359845	1.77	cps
Arsenic	75-2	150607	150368	150856	150610	0.16	cps
Barium	135-1	4843450	4920624	4947480	4903851	1.10	cps
Barium	137-1	8300521	8490635	8600508	8463888	1.79	cps
Beryllium	9-1	858910	887024	886069	877334	1.82	cps
Bismuth	209-1	6106907	6166346	6151444	6141566	0.50	cps
Bismuth	209-2	4064750	4150017	4080900	4098556	1.11	cps
Boron	10-1	367017	391378	398411	385602	4.27	cps
Boron	11-1	1672261	1740930	1751044	1721412	2.49	cps
Bromine	81-1	28152	27276	27593	27674	1.60	cps
Bromine	81-2	90	90	150	110	31.49	cps
Cadmium	111-1	877317	891873	895134	888108	1.07	cps
Cadmium	106-1	109134	110411	113416	110987	1.98	cps
Cadmium	108-1	73975	74486	76417	74959	1.72	cps
Calcium	43-1	6551386	6549377	6515946	6538903	0.30	cps
Calcium	44-1	102741979	104361386	104753197	103952187	1.03	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1433045	1447396	1422605	1434349	0.87	cps
Cobalt	59-2	2158797	2131151	2133866	2141271	0.71	cps
Copper	63-2	15051531	15193327	15075436	15106765	0.50	cps
Dysprosium	156-1	783	917	1042	914	14.14	cps
Dysprosium	156-2	683	663	597	648	7.01	cps
Erbium	164-1	208	133	183	175	21.82	cps
Erbium	164-2	127	87	93	102	20.97	cps
Gadolinium	160-1	925	942	967	945	2.22	cps
Gadolinium	160-2	707	740	830	759	8.41	cps
Holmium	165-1	10484593	10771815	10979259	10745222	2.31	cps
Holmium	165-2	5999297	6088131	6079229	6055552	0.81	cps
Indium	115-1	7812870	8009521	8068677	7963689	1.68	cps
Indium	115-2	2247840	2249813	2258558	2252071	0.25	cps
Iron	56-2	321775229	324583018	320034896	322131048	0.71	cps
Iron	57-2	8112430	8070408	7965285	8049374	0.94	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P7
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 13:55:00	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	17669160	17813387	17707261	17729936	0.42	cps
Krypton	83-1	460	513	510	494	6.04	cps
Lead	206-1	15418192	15917123	15905856	15747057	1.81	cps
Lead	207-1	13909829	14430289	14431667	14257262	2.11	cps
Lead	208-1	62611098	64571930	64058910	63747313	1.60	cps
Lithium	6-1	2230098	2367001	2365426	2320842	3.39	cps
Magnesium	24-2	86844438	85596730	87140938	86527369	0.95	cps
Manganese	55-2	10446263	10600089	10564584	10536979	0.76	cps
Molybdenum	94-1	14945320	15367766	15368361	15227149	1.60	cps
Molybdenum	95-1	21664265	21843275	21787942	21765160	0.42	cps
Molybdenum	96-1	23640799	23711190	24053723	23801904	0.93	cps
Molybdenum	97-1	13607636	13729475	13885419	13740843	1.01	cps
Molybdenum	98-1	34475005	34962853	34887497	34775118	0.76	cps
Neodymium	150-1	747	687	593	676	11.44	cps
Neodymium	150-2	100	143	117	120	18.22	cps
Nickel	60-2	559129	559336	554997	557820	0.44	cps
Phosphorus	31-2	92806	92882	92873	92853	0.04	cps
Potassium	39-2	42744641	42697584	42939534	42793920	0.30	cps
Rhodium	103-1	6942837	7067003	7117603	7042481	1.28	cps
Rhodium	103-2	3485998	3508175	3566934	3520369	1.19	cps
Scandium	45-1	5958066	6001566	6042654	6000762	0.70	cps
Scandium	45-2	407052	404598	407773	406474	0.41	cps
Selenium	82-1	65737	66907	66734	66459	0.95	cps
Selenium	77-2	5158	4948	5124	5076	2.22	cps
Selenium	78-2	17010	16982	16850	16947	0.50	cps
Silicon	28-1	61616064	61577828	61647624	61613839	0.06	cps
Silver	107-1	4555838	4581986	4653154	4596993	1.10	cps
Silver	109-1	4364833	4396574	4360356	4373921	0.45	cps
Sodium	23-2	140386792	140634075	140775775	140598881	0.14	cps
Strontium	86-1	34238733	34868640	35148454	34751942	1.34	cps
Strontium	88-1	297190748	300282265	301855665	299776226	0.79	cps
Sulfur	34-1	749892	754275	748847	751005	0.38	cps
Terbium	159-1	10708223	10920027	11176277	10934842	2.14	cps
Terbium	159-2	6127648	6134070	6080349	6114023	0.48	cps
Thallium	203-1	3719548	3811832	3823849	3785076	1.51	cps
Thallium	205-1	8770442	8858234	8861763	8830147	0.59	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P7
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 13:55:00	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	3090130	3127104	3070061	3095765	0.93	cps
Titanium	47-1	6754306	6863394	6833519	6817073	0.83	cps
Uranium	238-1	12450570	12712007	12838989	12667189	1.56	cps
Vanadium	51-2	1301887	1290910	1292892	1295230	0.45	cps
Yttrium	89-1	13541305	13672552	13957724	13723860	1.55	cps
Yttrium	89-2	2717038	2811965	2697329	2742110	2.24	cps
Zinc	66-2	2280149	2315142	2291005	2295432	0.78	cps
Zirconium	90-1	7321073	7595776	7567191	7494680	2.02	cps
Zirconium	91-1	1638637	1624238	1658113	1640329	1.04	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P7
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 14:07:20	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	172	139	211	174	20.77	cps
Antimony	121-1	167	242	225	211	18.65	cps
Arsenic	75-2	17	7	13	12	37.75	cps
Barium	135-1	92	42	50	61	43.83	cps
Barium	137-1	42	50	75	56	31.22	cps
Beryllium	9-1	613	563	600	592	4.37	cps
Bismuth	209-1	6852517	7024258	6887461	6921412	1.31	cps
Bismuth	209-2	4682471	4648547	4625446	4652155	0.62	cps
Boron	10-1	6910	6760	6768	6813	1.24	cps
Boron	11-1	32610	31842	31842	32098	1.38	cps
Bromine	81-1	27192	26382	27201	26925	1.75	cps
Bromine	81-2	70	170	130	123	40.81	cps
Cadmium	111-1	1050	1023	1004	1026	2.27	cps
Cadmium	106-1	5059	4951	5009	5007	1.08	cps
Cadmium	108-1	17	13	21	17	24.99	cps
Calcium	43-1	233	275	200	236	15.91	cps
Calcium	44-1	40077	40729	39927	40244	1.06	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	907	817	863	862	5.22	cps
Cobalt	59-2	133	117	103	118	12.77	cps
Copper	63-2	1767	1807	1500	1691	9.86	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	3	7	10	7	50.03	cps
Erbium	164-1	67	50	50	56	17.32	cps
Erbium	164-2	23	20	17	20	16.65	cps
Gadolinium	160-1	50	42	33	42	20.00	cps
Gadolinium	160-2	193	240	233	222	11.36	cps
Holmium	165-1	10777343	10906857	10972053	10885418	0.91	cps
Holmium	165-2	6202700	6178280	6101018	6160666	0.86	cps
Indium	115-1	8514342	8625399	8488723	8542821	0.85	cps
Indium	115-2	2519835	2465313	2438431	2474526	1.68	cps
Iron	56-2	12589	11949	12116	12218	2.71	cps
Iron	57-2	600	633	683	639	6.57	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P7
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 14:07:20	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1722	1922	1832	1825	5.49	cps
Krypton	83-1	337	407	433	392	12.73	cps
Lead	206-1	772	856	856	828	5.81	cps
Lead	207-1	639	556	672	622	9.66	cps
Lead	208-1	2961	3084	3234	3093	4.41	cps
Lithium	6-1	2533207	2600266	2502287	2545254	1.97	cps
Magnesium	24-2	844	767	689	767	10.14	cps
Manganese	55-2	273	347	293	304	12.45	cps
Molybdenum	94-1	250	350	308	303	16.59	cps
Molybdenum	95-1	150	100	117	122	20.83	cps
Molybdenum	96-1	242	217	125	194	31.59	cps
Molybdenum	97-1	83	58	92	78	22.31	cps
Molybdenum	98-1	167	175	100	147	27.92	cps
Neodymium	150-1	13	13	20	16	24.76	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	227	277	277	260	11.10	cps
Phosphorus	31-2	2284	1867	2017	2056	10.27	cps
Potassium	39-2	66922	68521	67475	67639	1.20	cps
Rhodium	103-1	7761645	8038382	7879249	7893092	1.76	cps
Rhodium	103-2	4006787	4029893	3955959	3997546	0.95	cps
Scandium	45-1	6152370	6076723	6184210	6137768	0.90	cps
Scandium	45-2	419000	417699	422407	419702	0.58	cps
Selenium	82-1	5	-93	-99	-62	-94.11	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	228	170	194	198	14.59	cps
Silicon	28-1	1480366	1458511	1450464	1463114	1.06	cps
Silver	107-1	108	142	92	114	22.35	cps
Silver	109-1	58	83	50	64	27.16	cps
Sodium	23-2	85944	86402	86418	86255	0.31	cps
Strontium	86-1	758	625	633	672	11.11	cps
Strontium	88-1	517	483	608	536	12.07	cps
Sulfur	34-1	310465	309096	312275	310612	0.51	cps
Terbium	159-1	11147191	11376984	11270574	11264917	1.02	cps
Terbium	159-2	6156471	6191415	6230284	6192723	0.60	cps
Thallium	203-1	583	617	650	617	5.41	cps
Thallium	205-1	1417	1308	1442	1389	5.10	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P7
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 14:07:20	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	442	508	525	492	8.97	cps
Titanium	47-1	233	250	250	244	3.94	cps
Uranium	238-1	10	0	-9	0	3799.36	cps
Vanadium	51-2	10	17	10	12	31.50	cps
Yttrium	89-1	13770266	14092541	14064697	13975835	1.28	cps
Yttrium	89-2	2850242	2875640	2851790	2859224	0.50	cps
Zinc	66-2	600	480	500	527	12.21	cps
Zirconium	90-1	550	608	458	539	14.03	cps
Zirconium	91-1	50	133	150	111	48.22	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	PB148642BL	Instrumnet Name :	P7
Client Sample ID :	PB148642BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 14:10:12	DataFile Name :	039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	328	478	511	439	22.25	cps
Antimony	121-1	100	167	133	133	25.00	cps
Arsenic	75-2	9	9	9	9	0.00	cps
Barium	135-1	25	33	8	22	57.29	cps
Barium	137-1	58	67	50	58	14.29	cps
Beryllium	9-1	543	500	520	521	4.16	cps
Bismuth	209-1	7031063	7038348	6985485	7018299	0.41	cps
Bismuth	209-2	4660910	4625113	4676602	4654208	0.57	cps
Boron	10-1	5818	6451	5885	6051	5.75	cps
Boron	11-1	27108	27416	27166	27230	0.60	cps
Bromine	81-1	28670	27518	27702	27963	2.21	cps
Bromine	81-2	150	100	80	110	32.78	cps
Cadmium	111-1	1051	1082	1034	1056	2.31	cps
Cadmium	106-1	5159	5368	5034	5187	3.25	cps
Cadmium	108-1	21	29	8	19	53.95	cps
Calcium	43-1	192	267	217	225	16.97	cps
Calcium	44-1	40303	39108	39426	39612	1.56	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	957	930	870	919	4.83	cps
Cobalt	59-2	97	63	80	80	20.84	cps
Copper	63-2	1817	1743	1723	1761	2.79	cps
Dysprosium	156-1	17	25	17	19	24.73	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	50	67	25	47	44.41	cps
Erbium	164-2	20	10	30	20	50.00	cps
Gadolinium	160-1	33	17	17	22	43.28	cps
Gadolinium	160-2	220	193	277	230	18.50	cps
Holmium	165-1	11146975	10909640	10850430	10969015	1.43	cps
Holmium	165-2	6208056	6243494	6070993	6174181	1.48	cps
Indium	115-1	8907050	8791484	8722973	8807169	1.06	cps
Indium	115-2	2490888	2475708	2467441	2478012	0.48	cps
Iron	56-2	12083	12094	11816	11998	1.31	cps
Iron	57-2	617	533	617	589	8.17	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	PB148642BL	Instrumnet Name :	P7
Client Sample ID :	PB148642BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 14:10:12	DataFile Name :	039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1662	1662	1672	1665	0.35	cps
Krypton	83-1	410	350	410	390	8.88	cps
Lead	206-1	806	783	600	730	15.46	cps
Lead	207-1	561	633	678	624	9.44	cps
Lead	208-1	2939	3156	2800	2965	6.05	cps
Lithium	6-1	2605055	2524047	2562467	2563857	1.58	cps
Magnesium	24-2	672	856	850	793	13.16	cps
Manganese	55-2	313	340	337	330	4.40	cps
Molybdenum	94-1	225	208	158	197	17.59	cps
Molybdenum	95-1	58	158	33	83	79.38	cps
Molybdenum	96-1	117	158	92	122	27.56	cps
Molybdenum	97-1	67	42	67	58	24.74	cps
Molybdenum	98-1	192	117	150	153	24.60	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	320	253	250	274	14.39	cps
Phosphorus	31-2	2125	2192	2109	2142	2.06	cps
Potassium	39-2	66990	68848	69668	68502	2.00	cps
Rhodium	103-1	8208182	7985694	7939446	8044441	1.79	cps
Rhodium	103-2	4055878	4004787	4029086	4029917	0.63	cps
Scandium	45-1	6369559	6325583	6231101	6308748	1.12	cps
Scandium	45-2	417108	417471	418991	417857	0.24	cps
Selenium	82-1	-26	-9	-98	-44	-105.92	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	193	170	202	188	8.59	cps
Silicon	28-1	1466207	1431537	1489517	1462420	1.99	cps
Silver	107-1	167	167	108	147	22.87	cps
Silver	109-1	75	50	58	61	20.83	cps
Sodium	23-2	85045	84284	84072	84467	0.61	cps
Strontium	86-1	625	675	608	636	5.45	cps
Strontium	88-1	567	650	608	608	6.85	cps
Sulfur	34-1	315097	313653	310706	313152	0.71	cps
Terbium	159-1	11527388	11218507	11223651	11323182	1.56	cps
Terbium	159-2	6174366	6340336	6208615	6241105	1.40	cps
Thallium	203-1	508	475	542	508	6.56	cps
Thallium	205-1	1250	1242	1258	1250	0.67	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	PB148642BL	Instrumnet Name :	P7
Client Sample ID :	PB148642BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 14:10:12	DataFile Name :	039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	575	600	575	583	2.47	cps
Titanium	47-1	200	225	275	233	16.37	cps
Uranium	238-1	1	299	-7	98	178.51	cps
Vanadium	51-2	10	17	20	16	32.73	cps
Yttrium	89-1	14523712	14390183	14215523	14376473	1.08	cps
Yttrium	89-2	2886774	2845612	2887899	2873429	0.84	cps
Zinc	66-2	643	517	613	591	11.20	cps
Zirconium	90-1	542	550	492	528	5.98	cps
Zirconium	91-1	117	100	125	114	11.18	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	PB148642BS	Instrumnet Name :	P7
Client Sample ID :	PB148642BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 14:13:05	DataFile Name :	040LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1896547	1909574	1892324	1899482	0.47	cps
Antimony	121-1	3433734	3531005	3565521	3510087	1.95	cps
Arsenic	75-2	155986	158492	156444	156974	0.85	cps
Barium	135-1	4928662	5042419	5090796	5020626	1.66	cps
Barium	137-1	8453636	8812397	8706208	8657413	2.13	cps
Beryllium	9-1	921316	950545	959104	943655	2.10	cps
Bismuth	209-1	6632763	6620984	6820613	6691453	1.67	cps
Bismuth	209-2	4490688	4454101	4447982	4464257	0.52	cps
Boron	10-1	275242	293937	315319	294833	6.80	cps
Boron	11-1	1232631	1322158	1351229	1302006	4.75	cps
Bromine	81-1	28261	26842	26908	27337	2.93	cps
Bromine	81-2	120	110	90	107	14.32	cps
Cadmium	111-1	876717	906087	915497	899434	2.25	cps
Cadmium	106-1	108320	113905	117146	113123	3.95	cps
Cadmium	108-1	75286	76986	76056	76109	1.12	cps
Calcium	43-1	1515401	1494634	1516510	1508848	0.82	cps
Calcium	44-1	22479312	23167106	23486797	23044405	2.23	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1507912	1492716	1488135	1496255	0.69	cps
Cobalt	59-2	2290280	2234626	2264115	2263007	1.23	cps
Copper	63-2	15946253	15756191	15581865	15761436	1.16	cps
Dysprosium	156-1	317	325	242	294	15.59	cps
Dysprosium	156-2	257	237	170	221	20.52	cps
Erbium	164-1	75	117	167	119	38.43	cps
Erbium	164-2	67	50	50	56	17.32	cps
Gadolinium	160-1	108	192	183	161	28.49	cps
Gadolinium	160-2	360	343	357	353	2.50	cps
Holmium	165-1	10974131	11041213	11151817	11055720	0.81	cps
Holmium	165-2	6096004	6091124	6174696	6120608	0.77	cps
Indium	115-1	8323506	8527025	8419869	8423466	1.21	cps
Indium	115-2	2326009	2337371	2364276	2342552	0.84	cps
Iron	56-2	68663810	68112886	67772920	68183205	0.66	cps
Iron	57-2	1688074	1698401	1699181	1695218	0.37	cps

LB Number : LB123132 Operator : Jaswal
 Lab Sample ID : PB148642BS Instrumnet Name : P7
 Client Sample ID : PB148642BS Dilution Factor : 1
 Date & Time Acquired : 2022-12-06 14:13:05 DataFile Name : 040LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3745032	3821402	3751230	3772555	1.12	cps
Krypton	83-1	363	417	447	409	10.32	cps
Lead	206-1	16545713	16626357	17018458	16730176	1.51	cps
Lead	207-1	14698130	15279052	15206421	15061201	2.10	cps
Lead	208-1	66219626	67850674	68537032	67535777	1.76	cps
Lithium	6-1	2574971	2649015	2566828	2596938	1.74	cps
Magnesium	24-2	17849315	17649559	17854743	17784539	0.66	cps
Manganese	55-2	11160433	11130888	10957948	11083090	0.99	cps
Molybdenum	94-1	14948776	15019706	15343748	15104077	1.39	cps
Molybdenum	95-1	21788797	21760145	22115262	21888068	0.90	cps
Molybdenum	96-1	23288778	23861978	24057506	23736087	1.68	cps
Molybdenum	97-1	13346857	13857537	13894648	13699681	2.23	cps
Molybdenum	98-1	33822782	35107936	35173193	34701304	2.19	cps
Neodymium	150-1	627	580	627	611	4.41	cps
Neodymium	150-2	103	133	100	112	16.36	cps
Nickel	60-2	568952	563117	561360	564476	0.70	cps
Phosphorus	31-2	93410	93493	93746	93550	0.19	cps
Potassium	39-2	8868410	8756275	8820890	8815192	0.64	cps
Rhodium	103-1	7713168	7659708	7663533	7678803	0.39	cps
Rhodium	103-2	3801773	3749261	3757595	3769543	0.75	cps
Scandium	45-1	6185793	6265183	6328078	6259685	1.14	cps
Scandium	45-2	408461	408284	406741	407829	0.23	cps
Selenium	82-1	66281	67903	68052	67412	1.46	cps
Selenium	77-2	5191	5024	4908	5041	2.83	cps
Selenium	78-2	17221	17058	17258	17179	0.62	cps
Silicon	28-1	42361924	43052180	42961912	42792005	0.88	cps
Silver	107-1	4682678	4770322	4816503	4756501	1.43	cps
Silver	109-1	4531491	4538461	4567636	4545863	0.42	cps
Sodium	23-2	29890327	29460757	29141399	29497494	1.27	cps
Strontium	86-1	34840968	35546227	35929261	35438819	1.56	cps
Strontium	88-1	296083940	308487665	309868790	304813465	2.49	cps
Sulfur	34-1	765144	782291	778121	775185	1.15	cps
Terbium	159-1	11282010	11292206	11296017	11290078	0.06	cps
Terbium	159-2	6154424	6211901	6336411	6234246	1.49	cps
Thallium	203-1	3866812	3916235	4063787	3948945	2.60	cps
Thallium	205-1	9217017	9150131	9499070	9288739	1.99	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	PB148642BS	Instrumnet Name :	P7
Client Sample ID :	PB148642BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 14:13:05	DataFile Name :	040LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	3135664	3213172	3236263	3195033	1.65	cps
Titanium	47-1	6684344	6903705	6843733	6810594	1.66	cps
Uranium	238-1	12408941	12879720	13143237	12810633	2.90	cps
Vanadium	51-2	1293847	1319611	1289809	1301089	1.24	cps
Yttrium	89-1	14157015	14317801	14219566	14231461	0.57	cps
Yttrium	89-2	2836287	2784936	2758787	2793337	1.41	cps
Zinc	66-2	2407872	2418555	2416887	2414438	0.24	cps
Zirconium	90-1	7331330	7518015	7481216	7443520	1.33	cps
Zirconium	91-1	1604716	1629735	1647723	1627391	1.33	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P7
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 14:17:49	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9482131	9437013	9344025	9421056	0.75	cps
Antimony	121-1	3254155	3353883	3376846	3328295	1.96	cps
Arsenic	75-2	150287	149795	149503	149862	0.26	cps
Barium	135-1	4670720	4750071	4854773	4758521	1.94	cps
Barium	137-1	7974114	8258169	8323258	8185180	2.27	cps
Beryllium	9-1	874711	910643	922615	902656	2.76	cps
Bismuth	209-1	6254131	6254110	6213402	6240547	0.38	cps
Bismuth	209-2	4113304	4106790	4099631	4106575	0.17	cps
Boron	10-1	373038	395179	404255	390824	4.11	cps
Boron	11-1	1659808	1791743	1819992	1757181	4.87	cps
Bromine	81-1	26800	26157	25615	26191	2.26	cps
Bromine	81-2	130	120	190	147	25.81	cps
Cadmium	111-1	829804	859583	867821	852403	2.35	cps
Cadmium	106-1	104400	109671	111014	108362	3.23	cps
Cadmium	108-1	71098	72609	73112	72273	1.45	cps
Calcium	43-1	6249800	6617384	6529808	6465664	2.97	cps
Calcium	44-1	99928493	104628533	104314755	102957260	2.55	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1444513	1459667	1494845	1466342	1.76	cps
Cobalt	59-2	2141041	2161907	2156795	2153248	0.51	cps
Copper	63-2	15075471	15287678	15262344	15208498	0.76	cps
Dysprosium	156-1	933	950	1100	995	9.23	cps
Dysprosium	156-2	620	633	573	609	5.17	cps
Erbium	164-1	167	200	200	189	10.19	cps
Erbium	164-2	97	107	80	94	14.27	cps
Gadolinium	160-1	1075	875	842	931	13.56	cps
Gadolinium	160-2	750	750	840	780	6.66	cps
Holmium	165-1	10838497	10588429	10712434	10713120	1.17	cps
Holmium	165-2	6050215	6056086	6074425	6060242	0.21	cps
Indium	115-1	8082446	7911737	8017872	8004019	1.08	cps
Indium	115-2	2264890	2290545	2273739	2276392	0.57	cps
Iron	56-2	325805741	323444207	323849874	324366607	0.39	cps
Iron	57-2	8173626	8211171	8091427	8158741	0.75	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P7
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 14:17:49	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	17849036	17840645	17854777	17848153	0.04	cps
Krypton	83-1	410	373	330	371	10.79	cps
Lead	206-1	15084601	15425451	15615372	15375141	1.75	cps
Lead	207-1	13445316	13978624	14042011	13821983	2.37	cps
Lead	208-1	60400729	62884458	62891171	62058786	2.31	cps
Lithium	6-1	2494037	2447945	2513269	2485084	1.35	cps
Magnesium	24-2	89317566	90471910	89166066	89651847	0.80	cps
Manganese	55-2	10734631	10706617	10715624	10718957	0.13	cps
Molybdenum	94-1	14627934	15066956	15193528	14962806	1.98	cps
Molybdenum	95-1	20857278	21794415	21874412	21508702	2.63	cps
Molybdenum	96-1	22640935	23667436	23652890	23320420	2.52	cps
Molybdenum	97-1	13038671	13420335	13597696	13352234	2.14	cps
Molybdenum	98-1	33278318	34389630	34743628	34137192	2.24	cps
Neodymium	150-1	533	480	653	556	15.98	cps
Neodymium	150-2	137	123	117	126	8.11	cps
Nickel	60-2	551530	555160	549519	552070	0.52	cps
Phosphorus	31-2	92093	94667	94701	93821	1.59	cps
Potassium	39-2	44194573	43376646	42766027	43445749	1.65	cps
Rhodium	103-1	7137218	7038019	7081074	7085437	0.70	cps
Rhodium	103-2	3530966	3583900	3510298	3541721	1.07	cps
Scandium	45-1	6248226	6071790	6186578	6168865	1.45	cps
Scandium	45-2	412053	413529	411827	412470	0.22	cps
Selenium	82-1	63158	64813	65948	64640	2.17	cps
Selenium	77-2	5158	5108	5011	5092	1.46	cps
Selenium	78-2	16841	17071	17004	16972	0.70	cps
Silicon	28-1	60634893	63419795	62097762	62050817	2.25	cps
Silver	107-1	4416986	4590751	4556310	4521349	2.03	cps
Silver	109-1	4194973	4327815	4322245	4281678	1.75	cps
Sodium	23-2	143423050	144021998	143545592	143663547	0.22	cps
Strontium	86-1	33190586	34279376	34080414	33850125	1.71	cps
Strontium	88-1	287908356	301834098	298904123	296215526	2.48	cps
Sulfur	34-1	740593	747749	760617	749653	1.35	cps
Terbium	159-1	11177065	11102370	11141408	11140281	0.34	cps
Terbium	159-2	6078190	6108458	6119162	6101937	0.35	cps
Thallium	203-1	3643342	3730971	3783121	3719145	1.90	cps
Thallium	205-1	8611658	8770154	8841064	8740958	1.34	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P7
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 14:17:49	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	2969372	3054847	3078945	3034388	1.90	cps
Titanium	47-1	6520323	6935295	6931025	6795548	3.51	cps
Uranium	238-1	12383278	12430051	12485889	12433073	0.41	cps
Vanadium	51-2	1287031	1315351	1304375	1302252	1.10	cps
Yttrium	89-1	13979258	13873719	13905084	13919354	0.39	cps
Yttrium	89-2	2786419	2773965	2764232	2774872	0.40	cps
Zinc	66-2	2294618	2350746	2327271	2324212	1.21	cps
Zirconium	90-1	7136984	7389354	7372402	7299580	1.93	cps
Zirconium	91-1	1582340	1626271	1630004	1612871	1.64	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P7
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 14:26:44	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	317	283	339	313	8.94	cps
Antimony	121-1	742	733	783	753	3.56	cps
Arsenic	75-2	11	15	7	11	33.30	cps
Barium	135-1	50	75	33	53	39.74	cps
Barium	137-1	100	100	108	103	4.68	cps
Beryllium	9-1	557	480	487	508	8.36	cps
Bismuth	209-1	6889022	6808167	6925443	6874210	0.87	cps
Bismuth	209-2	4655020	4674105	4553208	4627444	1.40	cps
Boron	10-1	6510	6752	6502	6588	2.16	cps
Boron	11-1	30205	30714	29621	30180	1.81	cps
Bromine	81-1	26341	27760	27217	27106	2.64	cps
Bromine	81-2	80	100	120	100	20.00	cps
Cadmium	111-1	1041	988	983	1004	3.21	cps
Cadmium	106-1	4943	4859	4901	4901	0.85	cps
Cadmium	108-1	8	25	38	24	61.98	cps
Calcium	43-1	342	275	342	319	12.05	cps
Calcium	44-1	38465	39643	38615	38907	1.65	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	783	803	833	807	3.12	cps
Cobalt	59-2	87	130	110	109	19.92	cps
Copper	63-2	1690	1723	1793	1736	3.04	cps
Dysprosium	156-1	0	8	25	11	114.58	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	67	42	33	47	36.74	cps
Erbium	164-2	17	23	27	22	22.91	cps
Gadolinium	160-1	17	33	17	22	43.28	cps
Gadolinium	160-2	193	260	230	228	14.66	cps
Holmium	165-1	10743964	10756564	10908059	10802862	0.85	cps
Holmium	165-2	6076427	6108948	6057954	6081110	0.42	cps
Indium	115-1	8476186	8622734	8684566	8594495	1.25	cps
Indium	115-2	2475181	2433978	2442828	2450662	0.89	cps
Iron	56-2	13245	13606	13790	13547	2.05	cps
Iron	57-2	606	622	750	659	11.99	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P7
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 14:26:44	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1732	1932	2082	1915	9.18	cps
Krypton	83-1	313	367	370	350	9.09	cps
Lead	206-1	544	678	667	630	11.75	cps
Lead	207-1	711	539	544	598	16.36	cps
Lead	208-1	2733	2745	2739	2739	0.20	cps
Lithium	6-1	2665493	2602463	2559596	2609184	2.04	cps
Magnesium	24-2	1083	1150	1178	1137	4.27	cps
Manganese	55-2	363	360	297	340	11.05	cps
Molybdenum	94-1	483	417	383	428	11.90	cps
Molybdenum	95-1	558	333	167	353	55.72	cps
Molybdenum	96-1	592	467	350	469	25.75	cps
Molybdenum	97-1	342	208	192	247	33.26	cps
Molybdenum	98-1	917	492	517	642	37.17	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	230	253	253	246	5.49	cps
Phosphorus	31-2	2084	2167	1967	2072	4.85	cps
Potassium	39-2	68546	68873	67792	68404	0.81	cps
Rhodium	103-1	7868757	7905023	7878284	7884021	0.24	cps
Rhodium	103-2	3984434	3975504	4012963	3990967	0.49	cps
Scandium	45-1	6104905	6094226	6142266	6113799	0.41	cps
Scandium	45-2	419084	414497	412517	415366	0.81	cps
Selenium	82-1	5	-44	16	-8	-425.25	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	204	211	204	206	2.07	cps
Silicon	28-1	1529267	1492972	1484210	1502150	1.59	cps
Silver	107-1	133	250	183	189	30.99	cps
Silver	109-1	125	108	175	136	25.49	cps
Sodium	23-2	88212	89190	87698	88366	0.86	cps
Strontium	86-1	817	758	700	758	7.69	cps
Strontium	88-1	2159	1658	1717	1845	14.82	cps
Sulfur	34-1	313500	316381	313050	314311	0.58	cps
Terbium	159-1	11197645	11160241	11158908	11172265	0.20	cps
Terbium	159-2	6234884	6227674	6232424	6231661	0.06	cps
Thallium	203-1	442	375	450	422	9.74	cps
Thallium	205-1	858	942	1067	956	10.97	cps

LB Number :	LB123132	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P7
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired :	2022-12-06 14:26:44	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	592	542	592	575	5.02	cps
Titanium	47-1	300	508	242	350	40.06	cps
Uranium	238-1	94	35	60	63	47.12	cps
Vanadium	51-2	17	17	10	14	26.66	cps
Yttrium	89-1	13982829	13967798	13867410	13939345	0.45	cps
Yttrium	89-2	2896621	2827761	2847470	2857284	1.24	cps
Zinc	66-2	580	650	650	627	6.45	cps
Zirconium	90-1	508	583	692	594	15.51	cps
Zirconium	91-1	100	117	142	119	17.56	cps