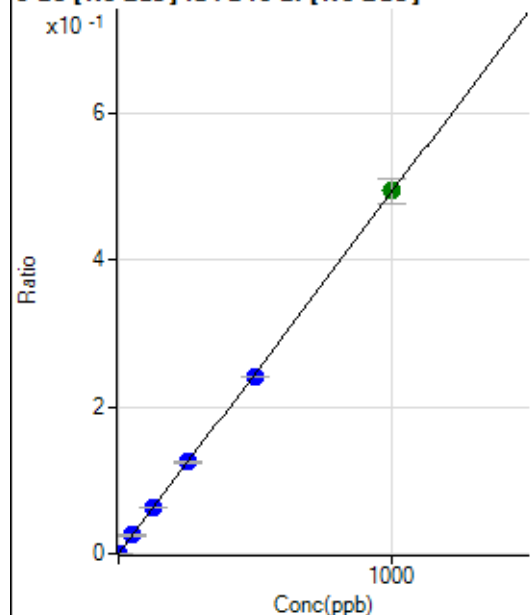


Calibration for 007CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8060424-MS1.b\
 Analysis File: P8060424-MS1.batch.bin
 DA Date-Time: 2024-06-05 10:45:18
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-06-04 16:15:43
2	005CALS.d	S02	2024-06-04 16:19:04
3	006CALS.d	S03	2024-06-04 16:22:27
4	007CALS.d	S04	2024-06-04 16:25:38
5	008CALS.d	S05	2024-06-04 16:28:42
6	009CALS.d	S06	2024-06-04 16:31:44
7	010CALS.d	S07	2024-06-04 16:34:48
8	011CALS.d	S08	2024-06-04 16:37:50

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	84.99	0.0000	P	20.8
2	☐	1.000	0.996	2039.06	0.0005	P	3.3
3	☐	50.000	51.212	99090.13	0.0252	P	6.8
4	☐	125.000	128.575	249779.05	0.0634	P	2.0
5	☐	250.000	253.974	484069.40	0.1251	P	3.0
6	☐	500.000	488.099	946738.27	0.2404	P	0.4
7	☐	1000.000	1004.449	1856404.15	0.4948	A	6.5
8	☐			1530.73	0.0004	P	1.8

$$y = 4.9256E-004 * x + 2.2299E-005$$

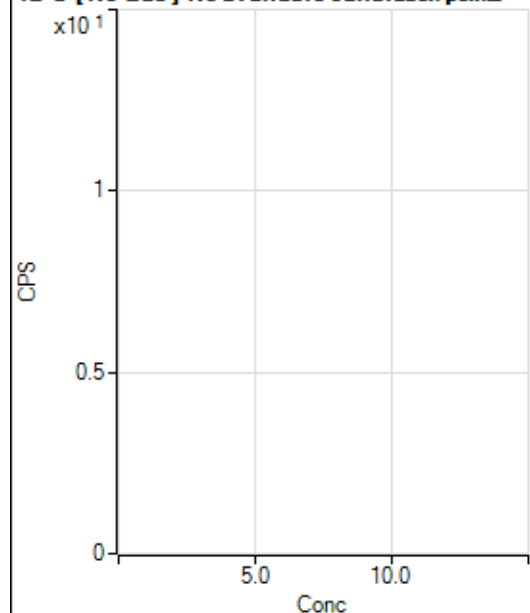
$$R = 0.9999$$

$$DL = 0.02823$$

$$BEC = 0.04527$$

Weight: <None>

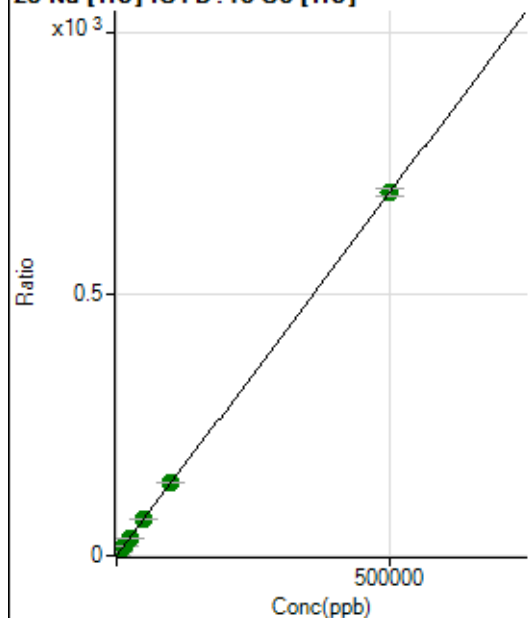
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			2184322.29		A	2.6
2	☐			2246832.36		A	1.0
3	☐			2393726.14		A	0.8
4	☐			2479439.63		A	2.7
5	☐			2533332.36		A	1.6
6	☐			2719207.93		A	3.7
7	☐			3114966.31		A	3.5
8	☐			2933509.58		A	2.9

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			24028.63		P	1.2
2	☐			25491.10		P	2.0
3	☐			27160.74		P	2.1
4	☐			29087.69		P	1.6
5	☐			30120.94		P	0.3
6	☐			32794.37		P	0.6
7	☐			39053.09		P	1.6
8	☐			40121.33		P	1.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	36890.96	0.1711	P	2.4
2	☐	500.000	468.349	181287.74	0.8212	P	3.5
3	☐	5000.000	5166.344	1611854.44	7.3415	A	2.4
4	☐	12500.000	12695.611	3902206.47	17.7914	A	2.0
5	☐	25000.000	24542.885	7581555.37	34.2343	A	3.2
6	☐	50000.000	49388.117	15081302.55	68.7170	A	1.0
7	☐	100000.00	100486.42	30807654.54	139.6365	A	0.6
8	☐	500000.00	499980.23	156096522.1	694.0949	A	2.0

$$y = 0.0014 * x + 0.1711$$

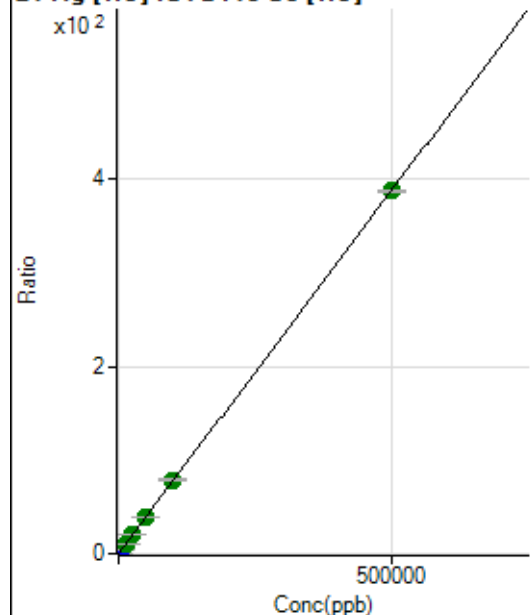
$$R = 1.0000$$

$$DL = 8.914$$

$$BEC = 123.3$$

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	200.00	0.0009	P	4.0
2	☐	500.000	483.282	82961.28	0.3757	P	3.0
3	☐	5000.000	5272.572	898050.40	4.0902	P	1.9
4	☐	12500.000	13158.855	2238345.80	10.2066	A	2.2
5	☐	25000.000	25811.939	4433356.39	20.0200	A	3.3
6	☐	50000.000	50291.062	8560561.82	39.0054	A	0.7
7	☐	100000.00	101476.95	17362061.13	78.7039	A	1.8
8	☐	500000.00	499615.72	87148575.37	387.4901	A	0.6

$$y = 7.7557\text{E-}004 * x + 9.2811\text{E-}004$$

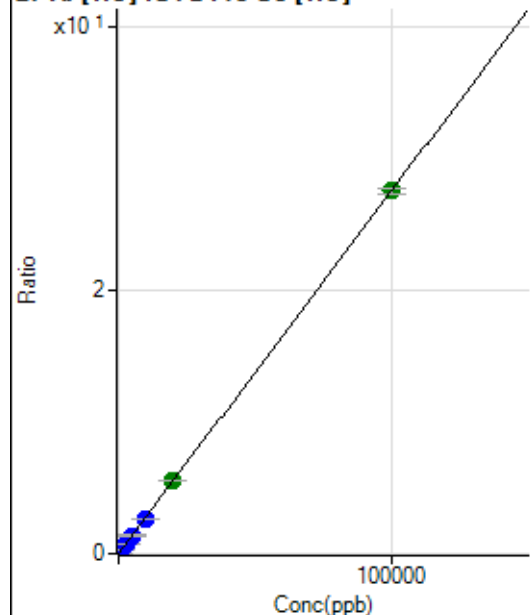
$$R = 1.0000$$

$$DL = 0.1443$$

$$BEC = 1.197$$

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	83.33	0.0004	P	22.6
2	☐	20.000	19.168	1252.29	0.0057	P	3.3
3	☐	1000.000	1021.976	61928.08	0.2821	P	1.9
4	☐	2500.000	2557.501	154659.26	0.7053	P	2.4
5	☐	5000.000	5017.771	306380.92	1.3833	P	2.2
6	☐	10000.000	9697.259	586621.59	2.6731	P	0.7
7	☐	20000.000	20166.382	1226315.48	5.5585	A	0.8
8	☐	100000.00	99994.452	6198864.98	27.5600	A	1.7

$$y = 2.7561\text{E-}004 * x + 3.8527\text{E-}004$$

$$R = 1.0000$$

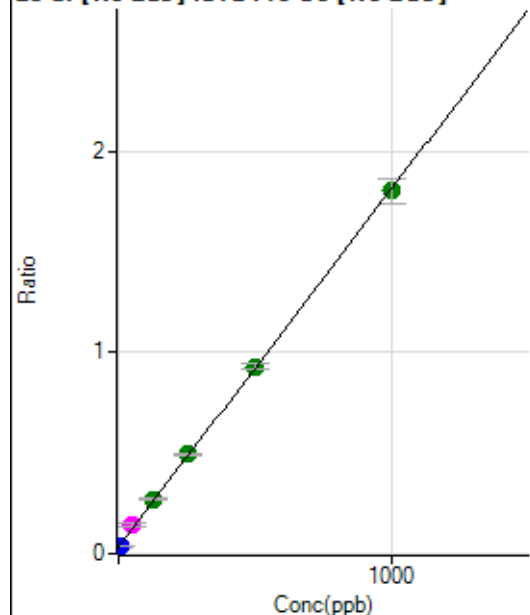
$$DL = 0.9464$$

$$BEC = 1.398$$

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	223444.63	0.0333	P	0.1
2	☐	10.000	1.976	252578.44	0.0369	P	0.6
3	☐	50.000	63.609	994378.64	0.1466	M	12.9
4	☐	125.000	134.057	1840198.86	0.2721	A	3.5
5	☐	250.000	257.992	3344620.19	0.4928	A	3.1
6	☐	500.000	503.828	6434066.29	0.9306	A	3.2
7	☐	1000.000	994.356	11994582.60	1.8042	A	7.0
8	☐			1044021.10	0.1581	A	9.9

$$y = 0.0018 * x + 0.0333$$

$$R = 0.9998$$

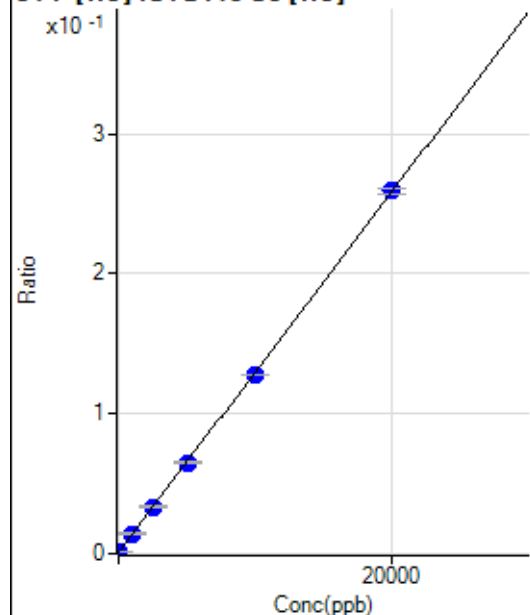
$$DL = 0.06688$$

$$BEC = 18.73$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-14.858	165.56	0.0008	P	10.7
2	☐	0.000	14.858	253.34	0.0011	P	11.3
3	☐	1000.000	1030.269	3123.70	0.0142	P	6.0
4	☐	2500.000	2519.767	7318.58	0.0334	P	3.5
5	☐	5000.000	4989.757	14430.62	0.0652	P	2.7
6	☐	10000.000	9847.671	28014.88	0.1277	P	0.4
7	☐	20000.000	20074.741	57186.80	0.2592	P	1.9
8	☐			224.45	0.0010	P	9.6

$$y = 1.2866E-005 * x + 9.5790E-004$$

$$R = 1.0000$$

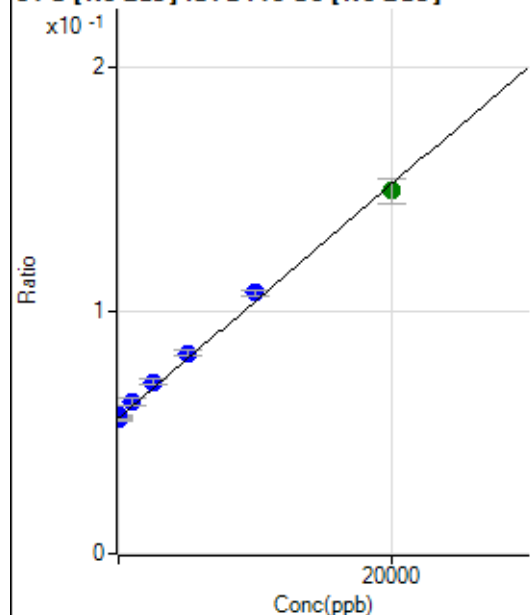
$$DL = 24.75$$

$$BEC = 74.46$$

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	166.621	379879.57	0.0567	P	0.9
2	☐	0.000	-166.621	377445.16	0.0551	P	0.4
3	☐	1000.000	1318.418	422517.88	0.0622	P	4.9
4	☐	2500.000	3103.867	479156.28	0.0708	P	3.2
5	☐	5000.000	5553.421	560834.12	0.0826	P	3.4
6	☐	10000.000	10721.066	743524.42	0.1075	P	2.1
7	☐	20000.000	19409.708	992945.92	0.1494	A	7.1
8	☐			334465.64	0.0506	P	3.0

$$y = 4.8155\text{E-}006 * x + 0.0559$$

$$R = 0.9982$$

$$DL = 226.3$$

$$BEC = 1.161\text{E}+04$$

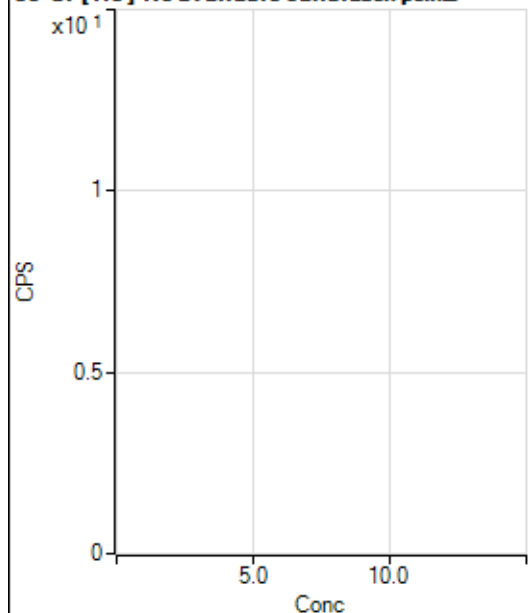
Weight: <None>

Min Conc: 0

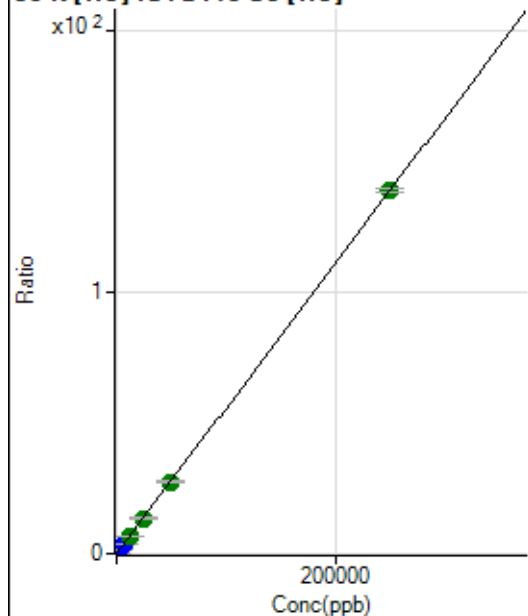
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			125025.49		P	1.4
2	☐			156309.56		P	1.6
3	☐			173913.92		P	1.2
4	☐			174668.84		P	1.5
5	☐			166014.65		P	3.0
6	☐			155460.61		P	2.1
7	☐			148874.61		P	1.4
8	☐			150754.56		P	1.2

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			901.15		P	6.1
2	☐			1143.39		P	2.4
3	☐			1217.84		P	6.2
4	☐			1146.72		P	5.3
5	☐			1192.29		P	3.1
6	☐			1106.72		P	6.9
7	☐			1067.83		P	7.0
8	☐			1105.61		P	3.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	15470.60	0.0718	P	1.1
2	☐	500.000	442.581	69988.74	0.3170	P	3.2
3	☐	2500.000	2429.486	311317.28	1.4180	P	2.4
4	☐	6250.000	6059.994	752121.64	3.4297	P	2.3
5	☐	12500.000	12253.877	1519581.26	6.8619	A	3.3
6	☐	25000.000	24215.235	2960425.51	13.4899	A	2.6
7	☐	50000.000	49056.915	6012006.23	27.2552	A	2.7
8	☐	250000.00	250284.97	31208662.59	138.7596	A	1.0

$$y = 5.5412E-004 * x + 0.0718$$

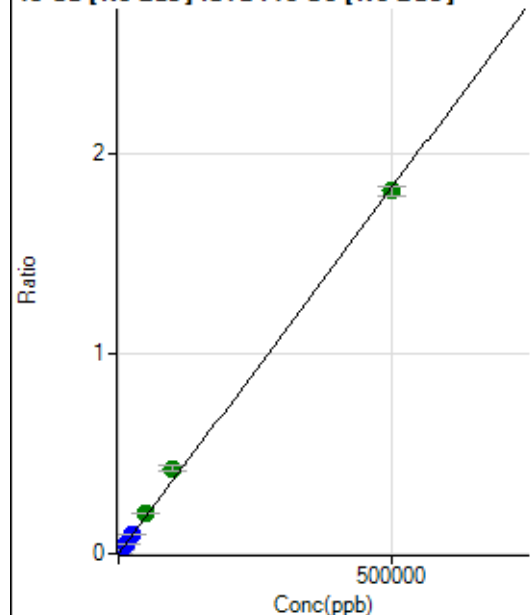
$$R = 1.0000$$

$$DL = 4.245$$

$$BEC = 129.5$$

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	285.56	0.0000	P	1.8
2	☐	500.000	446.643	11460.21	0.0017	P	0.9
3	☐	5000.000	5436.661	134930.20	0.0199	P	6.2
4	☐	12500.000	13647.948	337215.34	0.0499	P	2.7
5	☐	25000.000	26950.591	667809.93	0.0984	P	3.4
6	☐	50000.000	55854.106	1410301.86	0.2039	A	0.8
7	☐	100000.00	115920.13	2812767.84	0.4231	A	7.1
8	☐	500000.00	496100.02	11959927.60	1.8106	A	2.8

$$y = 3.6495\text{E-}006 * x + 4.2621\text{E-}005$$

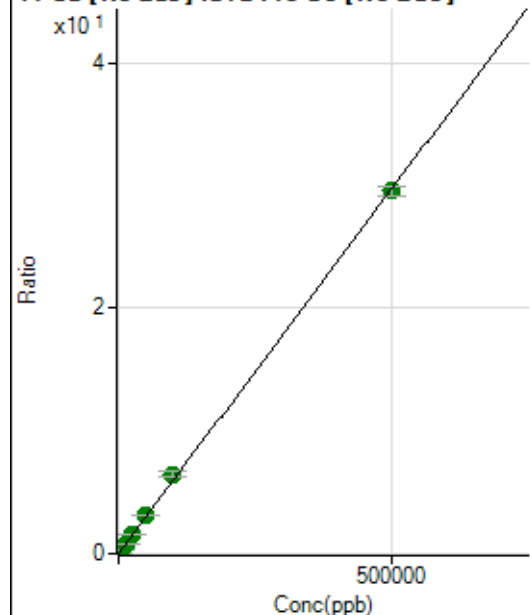
$$R = 0.9994$$

$$DL = 0.6376$$

$$BEC = 11.68$$

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	8562.62	0.0013	P	1.6
2	☐	500.000	450.780	192072.90	0.0280	P	0.8
3	☐	5000.000	5334.694	2156848.60	0.3179	A	7.2
4	☐	12500.000	13389.677	5385497.35	0.7961	A	2.6
5	☐	25000.000	26554.301	10707291.51	1.5775	A	3.1
6	☐	50000.000	52418.055	21530936.90	3.1128	A	0.5
7	☐	100000.00	109359.20	43174442.97	6.4928	A	6.6
8	☐	500000.00	497783.10	195185570.4	29.5496	A	3.0

$$y = 5.9360\text{E-}005 * x + 0.0013$$

$$R = 0.9998$$

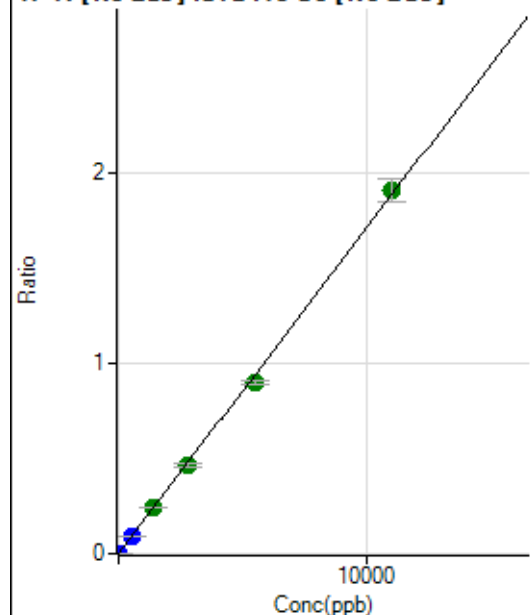
$$DL = 1.031$$

$$BEC = 21.53$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	92.22	0.0000	P	17.0
2	☐	5.000	4.457	5336.60	0.0008	P	0.6
3	☐	550.000	530.724	618347.19	0.0911	P	6.6
4	☐	1375.000	1402.580	1629249.70	0.2408	A	2.0
5	☐	2750.000	2713.888	3162804.36	0.4660	A	2.7
6	☐	5500.000	5257.961	6242151.37	0.9028	A	2.4
7	☐	11000.000	11127.564	12706145.23	1.9105	A	6.2
8	☐			9820.28	0.0015	P	5.6

$$y = 1.7169\text{E-}004 * x + 1.3748\text{E-}005$$

$$R = 0.9996$$

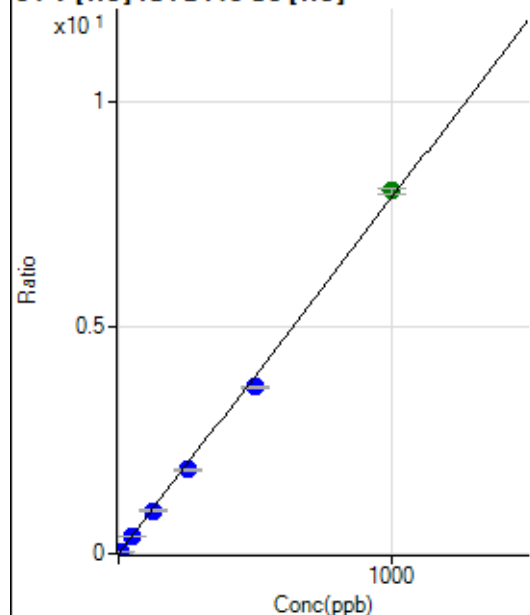
$$DL = 0.04073$$

$$BEC = 0.08008$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8.89	0.0000	P	21.8
2	☐	5.000	4.697	8155.73	0.0370	P	6.2
3	☐	50.000	48.955	84479.54	0.3848	P	2.7
4	☐	125.000	121.245	208949.06	0.9530	P	3.3
5	☐	250.000	237.055	412668.84	1.8632	P	2.0
6	☐	500.000	468.384	807889.13	3.6813	P	0.9
7	☐	1000.000	1019.567	1767853.65	8.0134	A	1.3
8	☐			1827.91	0.0081	P	4.0

$$y = 0.0079 * x + 4.1244\text{E-}005$$

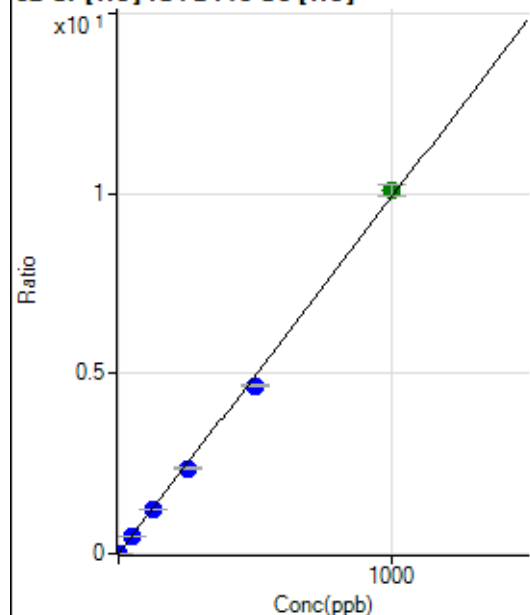
$$R = 0.9992$$

$$DL = 0.003431$$

$$BEC = 0.005248$$

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	1085.61	0.0050	P	8.4
2	☐	2.000	1.831	5109.85	0.0231	P	3.4
3	☐	50.000	49.632	108814.78	0.4957	P	2.9
4	☐	125.000	122.598	266877.95	1.2170	P	2.2
5	☐	250.000	238.843	524097.63	2.3661	P	1.5
6	☐	500.000	470.579	1022019.12	4.6569	P	1.0
7	☐	1000.000	1017.819	2220337.85	10.0665	A	3.1
8	☐			32551.48	0.1447	P	0.1

$$y = 0.0099 * x + 0.0050$$

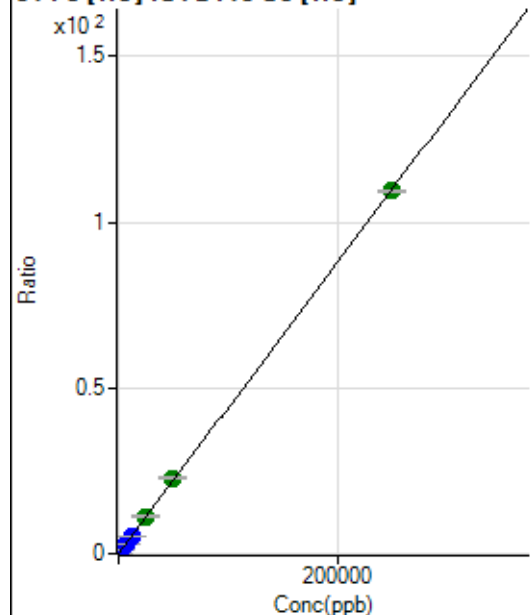
$$R = 0.9993$$

$$DL = 0.1285$$

$$BEC = 0.5098$$

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	368.90	0.0017	P	12.9
2	☐	50.000	49.596	5182.11	0.0235	P	3.0
3	☐	2500.000	2598.877	250697.42	1.1419	P	2.2
4	☐	6250.000	6400.510	616095.99	2.8097	P	2.8
5	☐	12500.000	12435.280	1208786.09	5.4572	P	1.4
6	☐	25000.000	25665.358	2471291.93	11.2613	A	1.4
7	☐	50000.000	52062.098	5038799.54	22.8418	A	1.9
8	☐	250000.00	249519.52	24619719.35	109.4679	A	0.8

$$y = 4.3871E-004 * x + 0.0017$$

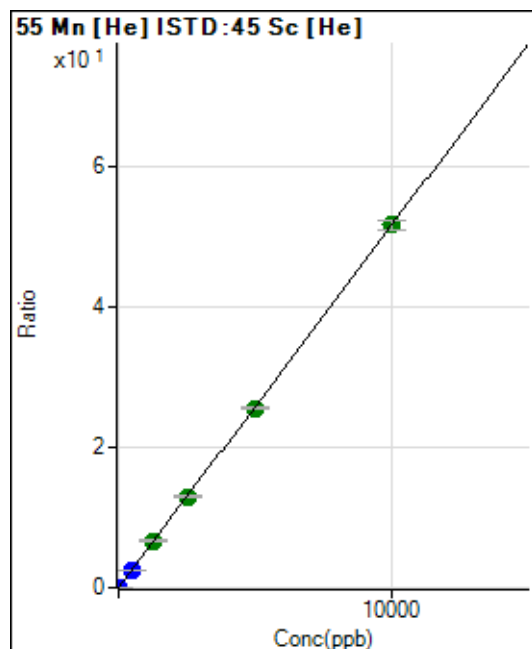
$$R = 1.0000$$

$$DL = 1.512$$

$$BEC = 3.903$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	152.23	0.0007	P	12.4
2	☐	1.000	0.927	1211.18	0.0055	P	1.8
3	☐	500.000	493.865	558779.10	2.5451	P	2.4
4	☐	1250.000	1275.868	1441237.34	6.5741	A	4.1
5	☐	2500.000	2511.519	2866611.07	12.9402	A	1.3
6	☐	5000.000	4960.508	5609143.94	25.5576	A	0.5
7	☐	10000.000	10013.940	11380567.68	51.5933	A	2.5
8	☐			13590.01	0.0604	P	7.6

$$y = 0.0052 * x + 7.0634E-004$$

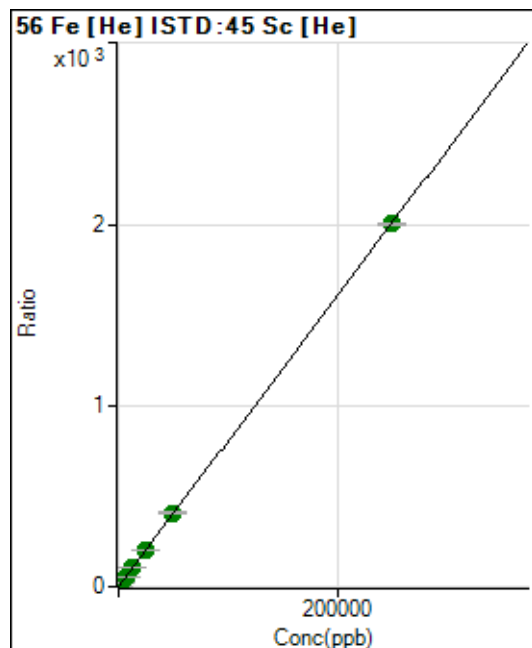
$$R = 1.0000$$

$$DL = 0.05111$$

$$BEC = 0.1371$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3789.43	0.0176	P	2.8
2	☐	50.000	47.327	87654.83	0.3970	P	2.7
3	☐	2500.000	2581.390	4547393.79	20.7114	A	2.1
4	☐	6250.000	6465.032	11367562.75	51.8449	A	3.2
5	☐	12500.000	12659.121	22485229.11	101.5001	A	1.2
6	☐	25000.000	25029.668	44040763.79	200.6693	A	0.6
7	☐	50000.000	50770.588	89787697.55	407.0228	A	1.9
8	☐	250000.00	249828.77	450435562.1	2.002.783	A	0.7

$$y = 0.0080 * x + 0.0176$$

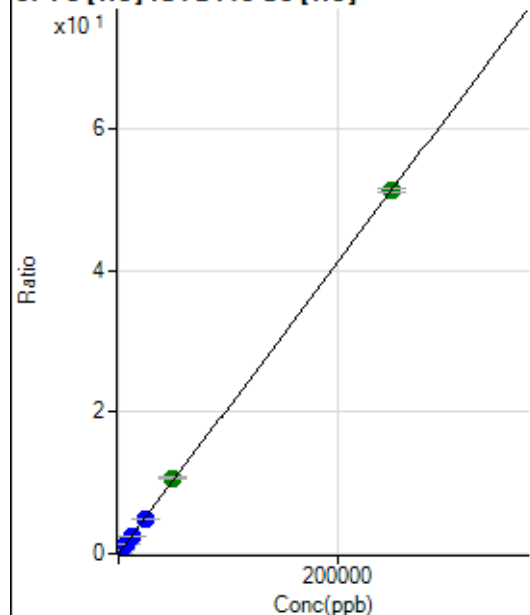
$$R = 1.0000$$

$$DL = 0.1811$$

$$BEC = 2.193$$

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	162.23	0.0008	P	28.0
2	☐	50.000	46.937	2292.43	0.0104	P	2.4
3	☐	2500.000	2543.975	114650.94	0.5222	P	2.3
4	☐	6250.000	6289.789	282856.46	1.2900	P	3.1
5	☐	12500.000	12231.319	555504.65	2.5079	P	1.5
6	☐	25000.000	24107.492	1084633.20	4.9422	P	0.7
7	☐	50000.000	52130.239	2357410.66	10.6863	A	1.6
8	☐	250000.00	249675.20	11510101.50	51.1785	A	1.2

$$y = 2.0498\text{E-}004 * x + 7.5541\text{E-}004$$

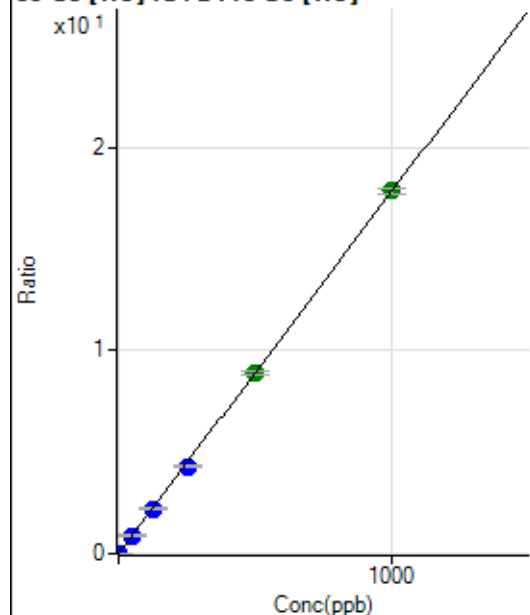
$$R = 0.9999$$

$$DL = 3.097$$

$$BEC = 3.685$$

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	155.56	0.0007	P	16.8
2	☐	1.000	1.003	4105.08	0.0186	P	2.6
3	☐	50.000	49.947	195472.68	0.8904	P	2.7
4	☐	125.000	124.051	484687.94	2.2103	P	2.6
5	☐	250.000	240.366	948417.86	4.2822	P	2.4
6	☐	500.000	499.742	1953901.85	8.9022	A	1.8
7	☐	1000.000	1002.659	3940037.20	17.8602	A	1.5
8	☐			11919.52	0.0530	P	2.4

$$y = 0.0178 * x + 7.2194\text{E-}004$$

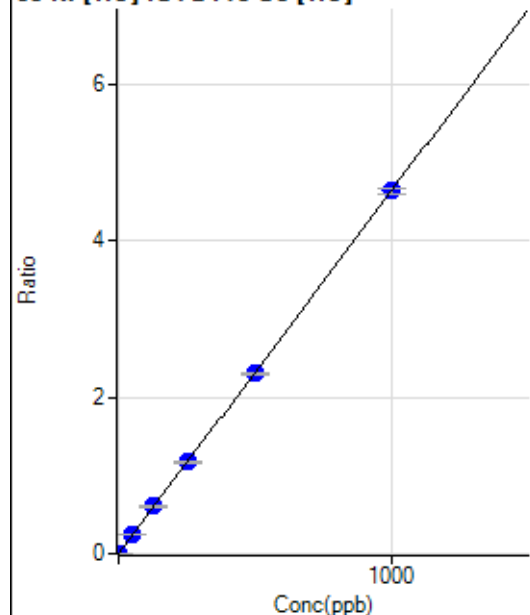
$$R = 0.9999$$

$$DL = 0.02042$$

$$BEC = 0.04053$$

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	254.45	0.0012	P	12.3
2	☐	1.000	0.971	1256.73	0.0057	P	0.5
3	☐	50.000	53.233	54514.15	0.2483	P	2.5
4	☐	125.000	131.719	134328.49	0.6127	P	3.4
5	☐	250.000	253.275	260680.43	1.1770	P	2.0
6	☐	500.000	496.799	506404.36	2.3075	P	1.1
7	☐	1000.000	999.780	1024187.33	4.6425	P	1.3
8	☐			12882.59	0.0573	P	2.3

$$y = 0.0046 * x + 0.0012$$

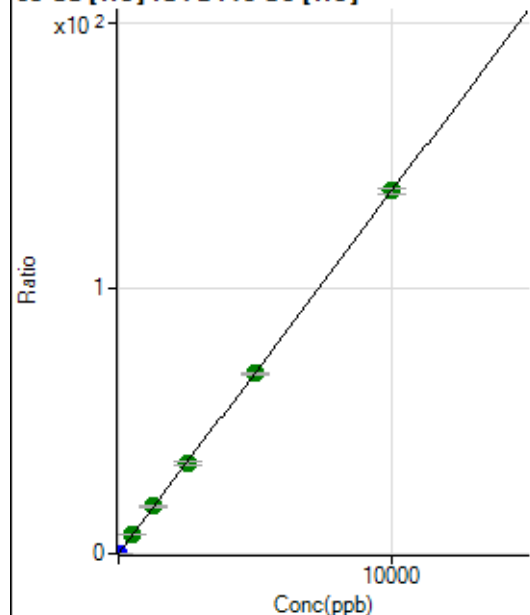
$$R = 1.0000$$

$$DL = 0.09374$$

$$BEC = 0.2543$$

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	1789.02	0.0083	P	4.0
2	☐	2.000	1.877	7494.26	0.0339	P	2.2
3	☐	500.000	533.671	1602352.39	7.2991	A	3.1
4	☐	1250.000	1304.195	3908611.68	17.8258	A	3.1
5	☐	2500.000	2493.703	7546523.64	34.0765	A	2.9
6	☐	5000.000	4962.243	14879582.42	67.8009	A	1.2
7	☐	10000.000	10011.995	30175182.33	136.7889	A	1.9
8	☐			28362.34	0.1261	P	9.2

$$y = 0.0137 * x + 0.0083$$

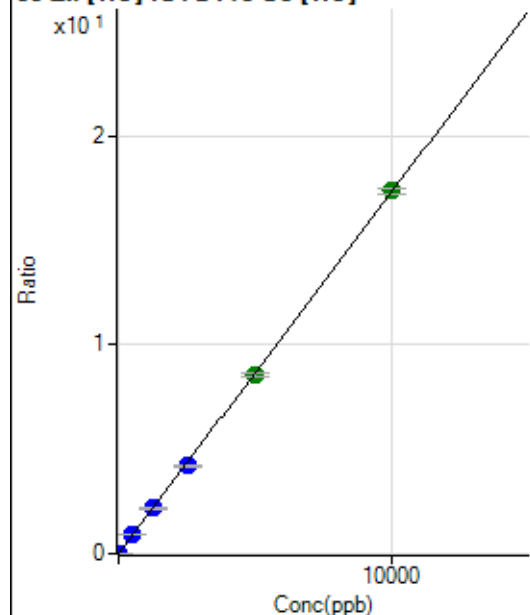
$$R = 1.0000$$

$$DL = 0.0732$$

$$BEC = 0.6069$$

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	398.90	0.0018	P	1.4
2	☐	2.000	4.464	2113.52	0.0096	P	4.4
3	☐	500.000	510.908	194508.89	0.8860	P	2.6
4	☐	1250.000	1254.172	476328.96	2.1722	P	2.7
5	☐	2500.000	2420.311	928123.73	4.1902	P	1.6
6	☐	5000.000	4967.160	1887051.06	8.5976	A	2.1
7	☐	10000.000	10035.275	3831560.81	17.3680	A	1.3
8	☐			4501.88	0.0200	P	6.0

$$y = 0.0017 * x + 0.0018$$

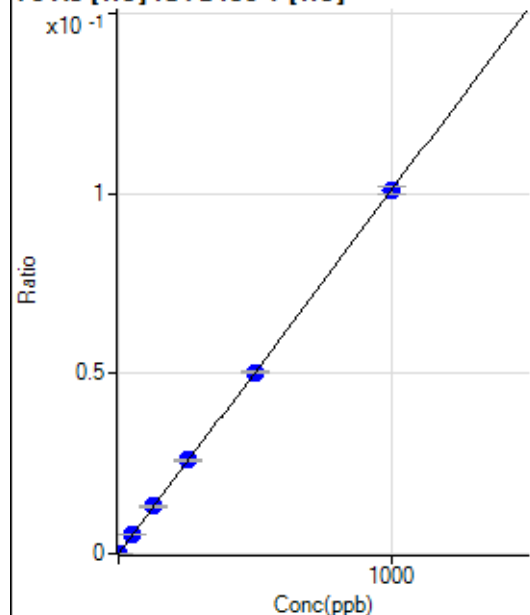
$$R = 1.0000$$

$$DL = 0.04621$$

$$BEC = 1.069$$

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	3.33	0.0000	P	173.2
2	☐	1.000	1.051	207.78	0.0001	P	11.8
3	☐	50.000	52.851	10053.66	0.0053	P	2.2
4	☐	125.000	130.328	24794.19	0.0131	P	2.5
5	☐	250.000	256.629	49510.08	0.0259	P	1.4
6	☐	500.000	498.508	96473.14	0.0503	P	0.9
7	☐	1000.000	998.280	197233.70	0.1007	P	2.2
8	☐			254.45	0.0001	P	13.6

$$y = 1.0082E-004 * x + 1.8144E-006$$

$$R = 1.0000$$

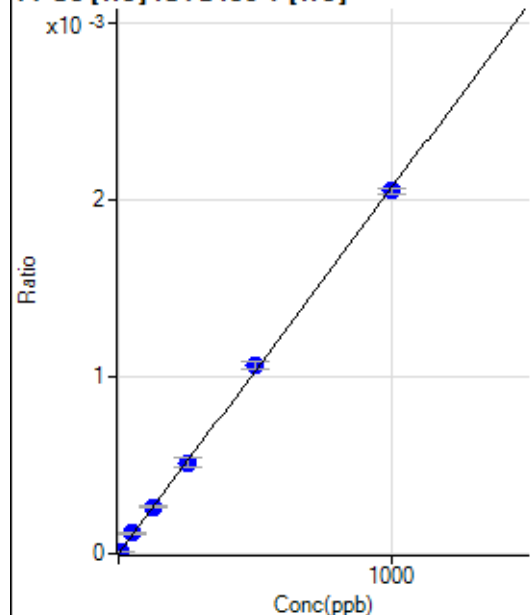
$$DL = 0.09351$$

$$BEC = 0.018$$

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	6.392	25.55	0.0000	P	13.7
3	☐	50.000	57.168	223.34	0.0001	P	8.7
4	☐	125.000	128.009	500.02	0.0003	P	4.2
5	☐	250.000	248.422	983.38	0.0005	P	9.8
6	☐	500.000	515.562	2049.06	0.0011	P	4.6
7	☐	1000.000	991.872	4025.07	0.0021	P	1.6
8	☐			8.89	0.0000	P	21.0

$$y = 2.0705\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9998$$

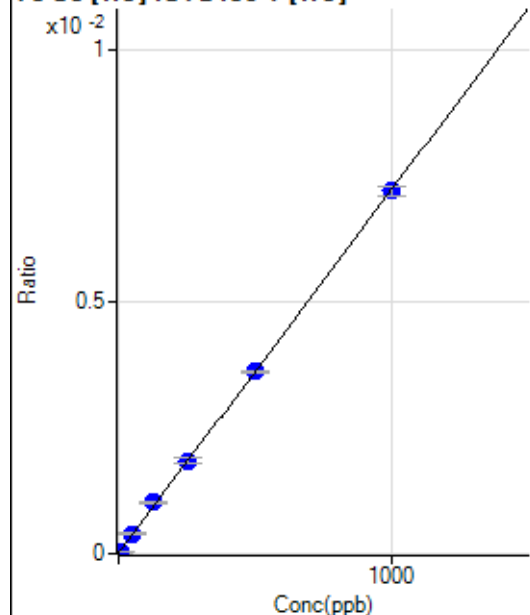
$$DL = 0$$

$$BEC = 0$$

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	20.00	0.0000	P	28.4
2	☐	5.000	4.716	86.67	0.0000	P	14.1
3	☐	50.000	53.417	746.69	0.0004	P	8.3
4	☐	125.000	139.011	1912.37	0.0010	P	3.3
5	☐	250.000	253.647	3520.48	0.0018	P	6.0
6	☐	500.000	499.911	6942.89	0.0036	P	1.0
7	☐	1000.000	997.212	14118.32	0.0072	P	2.4
8	☐			40.00	0.0000	P	29.4

$$y = 7.2141\text{E-}006 * x + 1.0783\text{E-}005$$

$$R = 0.9999$$

$$DL = 1.274$$

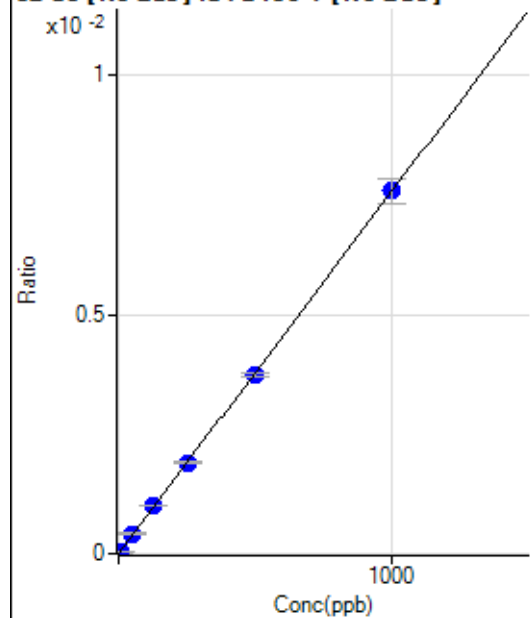
$$BEC = 1.495$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4434.08		P	1.1
2	☐			4375.17		P	1.9
3	☐			4378.51		P	0.5
4	☐			4284.03		P	1.5
5	☐			4264.03		P	4.2
6	☐			4408.53		P	0.6
7	☐			4374.06		P	5.1
8	☐			4334.04		P	9.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-57.78	0.0000	P	-101.
2	☐	5.000	5.143	603.36	0.0000	P	5.9
3	☐	50.000	53.736	6797.38	0.0004	P	9.0
4	☐	125.000	132.624	16780.39	0.0010	P	1.3
5	☐	250.000	250.791	32337.96	0.0019	P	1.7
6	☐	500.000	492.113	65219.82	0.0037	P	2.0
7	☐	1000.000	1002.606	129570.27	0.0076	P	7.1
8	☐			84.45	0.0000	P	119.4

$$y = 7.5702E-006 * x - 3.4002E-006$$

$$R = 0.9999$$

$$DL = 1.367$$

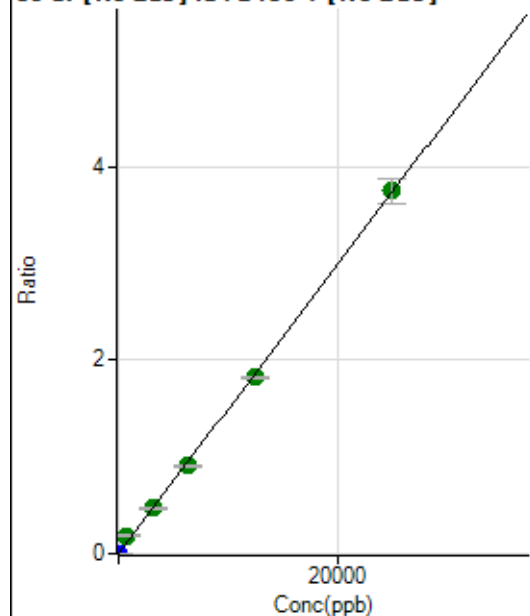
$$BEC = -0.4492$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			268.89		P	9.3
2	☐			227.78		P	22.2
3	☐			227.78		P	6.8
4	☐			187.78		P	16.0
5	☐			232.23		P	5.0
6	☐			245.56		P	6.7
7	☐			216.67		P	27.0
8	☐			226.67		P	10.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	486.68	0.0000	P	1.2
2	☐	1.000	0.888	2733.63	0.0002	P	1.6
3	☐	625.000	1256.415	3154866.72	0.1871	A	6.4
4	☐	3125.000	3134.229	7826371.62	0.4667	A	1.5
5	☐	6250.000	6122.626	15553212.68	0.9116	A	2.5
6	☐	12500.000	12215.196	31871591.75	1.8188	A	1.4
7	☐	25000.000	25157.306	63989402.38	3.7457	A	6.6
8	☐			49372.24	0.0029	P	7.4

$$y = 1.4889E-004 * x + 2.8785E-005$$

$$R = 0.9995$$

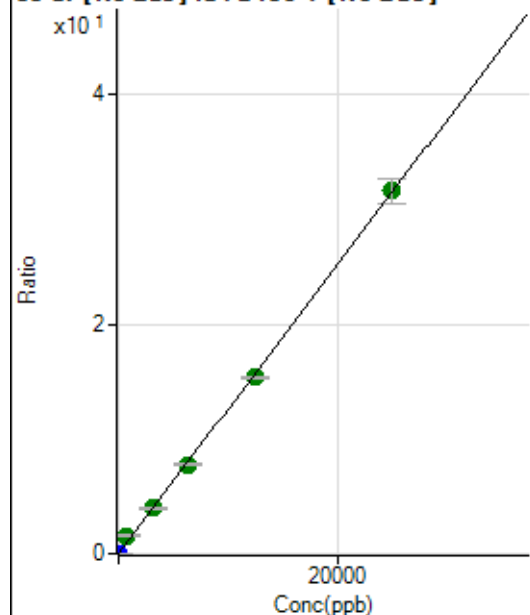
$$DL = 0.006905$$

$$BEC = 0.1933$$

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	927.82	0.0001	P	5.0
2	☐	1.000	0.909	20331.59	0.0012	P	2.1
3	☐	625.000	1244.946	26421414.05	1.5664	A	5.5
4	☐	3125.000	3151.494	66490362.34	3.9652	A	2.7
5	☐	6250.000	6184.536	132756013.5	7.7814	A	2.6
6	☐	12500.000	12217.039	269368695.9	15.3714	A	1.3
7	☐	25000.000	25139.036	540333538.6	31.6296	A	6.7
8	☐			417792.07	0.0248	P	5.3

$$y = 0.0013 * x + 5.4860E-005$$

$$R = 0.9996$$

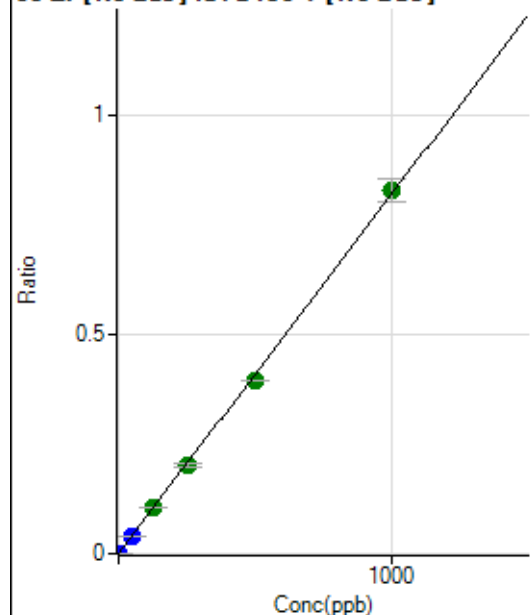
$$DL = 0.006602$$

$$BEC = 0.0436$$

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	610.02	0.0000	P	5.0
2	☐	1.000	0.849	12425.64	0.0007	P	2.5
3	☐	50.000	47.581	658717.24	0.0391	P	5.7
4	☐	125.000	126.851	1745348.57	0.1041	A	0.4
5	☐	250.000	246.524	3449834.15	0.2022	A	2.5
6	☐	500.000	481.865	6925875.24	0.3952	A	0.9
7	☐	1000.000	1009.826	14148715.48	0.8282	A	6.4
8	☐			15770.24	0.0009	P	4.0

$$y = 8.2008E-004 * x + 3.6082E-005$$

$$R = 0.9997$$

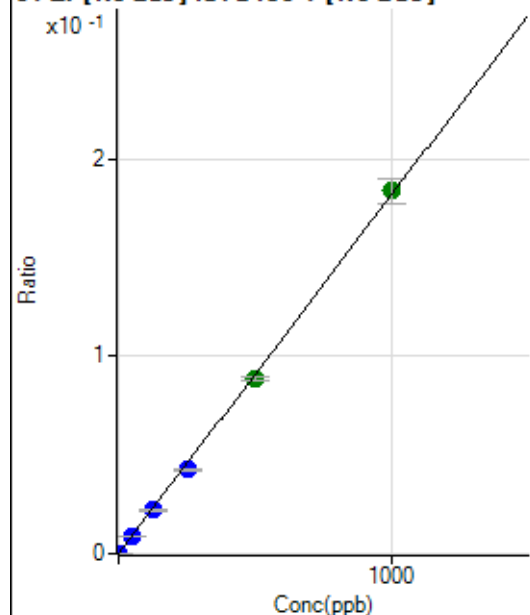
$$DL = 0.006631$$

$$BEC = 0.044$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	93.33	0.0000	P	17.9
2	☐	1.000	0.853	2725.85	0.0002	P	1.2
3	☐	50.000	47.406	145402.62	0.0086	P	5.2
4	☐	125.000	120.569	367484.64	0.0219	P	2.3
5	☐	250.000	234.802	728081.34	0.0427	P	2.4
6	☐	500.000	487.586	1552771.40	0.0886	A	1.8
7	☐	1000.000	1010.690	3137047.87	0.1837	A	7.0
8	☐			3529.39	0.0002	P	4.3

$$y = 1.8172\text{E-}004 * x + 5.5123\text{E-}006$$

$$R = 0.9998$$

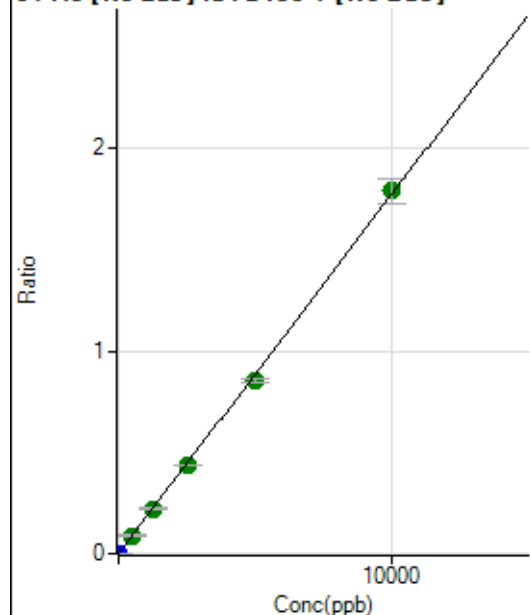
$$DL = 0.01631$$

$$BEC = 0.03033$$

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	232.23	0.0000	P	12.9
2	☐	5.000	4.783	14602.22	0.0009	P	3.9
3	☐	500.000	502.272	1499866.14	0.0889	A	5.6
4	☐	1250.000	1249.413	3708685.33	0.2212	A	2.8
5	☐	2500.000	2461.204	7434376.41	0.4357	A	1.8
6	☐	5000.000	4811.148	14923964.91	0.8517	A	1.7
7	☐	10000.000	10104.085	30553133.99	1.7886	A	6.7
8	☐			30276.28	0.0018	P	4.7

$$y = 1.7702\text{E-}004 * x + 1.3748\text{E-}005$$

$$R = 0.9997$$

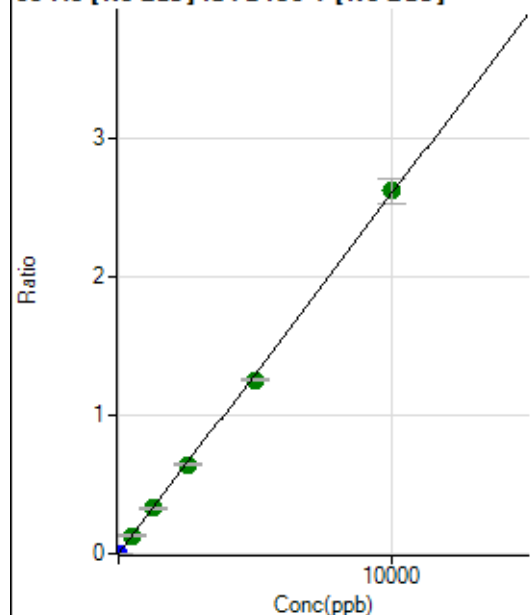
$$DL = 0.03016$$

$$BEC = 0.07766$$

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	101.11	0.0000	P	23.3
2	☐	5.000	4.046	17911.60	0.0011	P	1.4
3	☐	500.000	501.334	2193282.17	0.1300	A	5.6
4	☐	1250.000	1263.084	5493590.41	0.3276	A	2.4
5	☐	2500.000	2473.909	10949878.10	0.6417	A	2.1
6	☐	5000.000	4837.856	21988037.17	1.2548	A	2.0
7	☐	10000.000	10085.893	44682177.67	2.6160	A	7.0
8	☐			43663.04	0.0026	P	8.6

$$y = 2.5937\text{E-}004 * x + 5.9687\text{E-}006$$

$$R = 0.9998$$

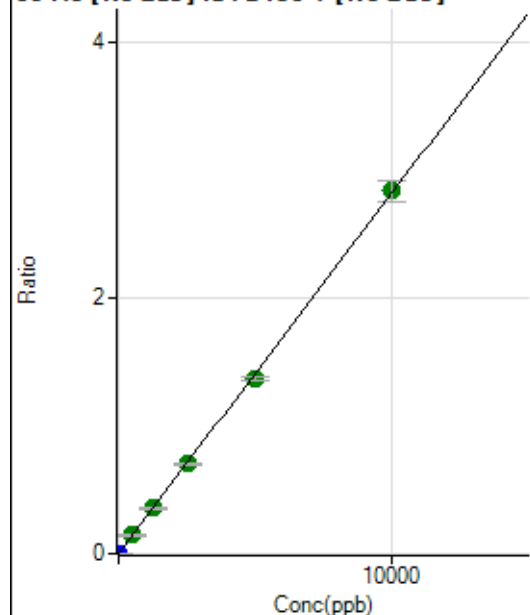
$$DL = 0.01609$$

$$BEC = 0.02301$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	124.45	0.0000	P	16.2
2	☐	5.000	4.121	19840.99	0.0012	P	2.4
3	☐	500.000	510.174	2425504.81	0.1438	A	6.3
4	☐	1250.000	1257.445	5944590.88	0.3545	A	1.7
5	☐	2500.000	2485.541	11955862.46	0.7007	A	2.0
6	☐	5000.000	4865.585	24035232.70	1.3716	A	2.4
7	☐	10000.000	10069.383	48511027.61	2.8386	A	5.7
8	☐			48810.91	0.0029	P	7.8

$$y = 2.8190\text{E-}004 * x + 7.3507\text{E-}006$$

$$R = 0.9999$$

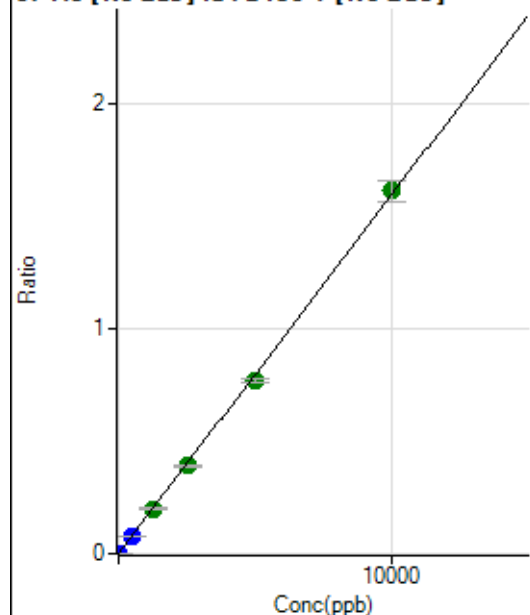
$$DL = 0.01268$$

$$BEC = 0.02608$$

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	46.67	0.0000	P	7.3
2	☐	5.000	4.096	11147.90	0.0007	P	3.8
3	☐	500.000	485.005	1306423.51	0.0775	P	6.0
4	☐	1250.000	1257.305	3367828.87	0.2008	A	0.6
5	☐	2500.000	2439.739	6648097.54	0.3896	A	2.4
6	☐	5000.000	4803.430	13442782.44	0.7671	A	2.1
7	☐	10000.000	10113.187	27598208.76	1.6151	A	6.0
8	☐			26768.72	0.0016	P	7.0

$$y = 1.5971\text{E-}004 * x + 2.7603\text{E-}006$$

$$R = 0.9997$$

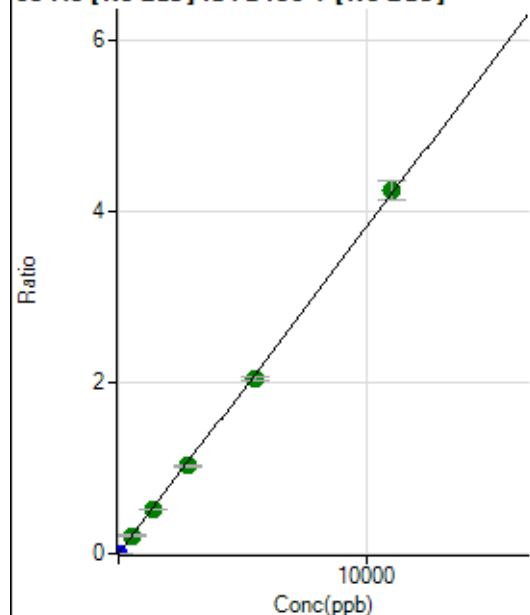
$$DL = 0.003798$$

$$BEC = 0.01728$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	103.33	0.0000	P	32.4
2	☐	5.000	4.421	28792.17	0.0017	P	2.9
3	☐	550.000	548.808	3540697.41	0.2099	A	5.4
4	☐	1375.000	1366.895	8766235.63	0.5227	A	1.6
5	☐	2750.000	2693.109	17569907.52	1.0298	A	2.3
6	☐	5500.000	5335.017	35748260.58	2.0400	A	1.8
7	☐	11000.000	11097.787	72526732.81	4.2435	A	5.4
8	☐			69989.79	0.0042	P	7.8

$$y = 3.8237\text{E-}004 * x + 6.1262\text{E-}006$$

$$R = 0.9998$$

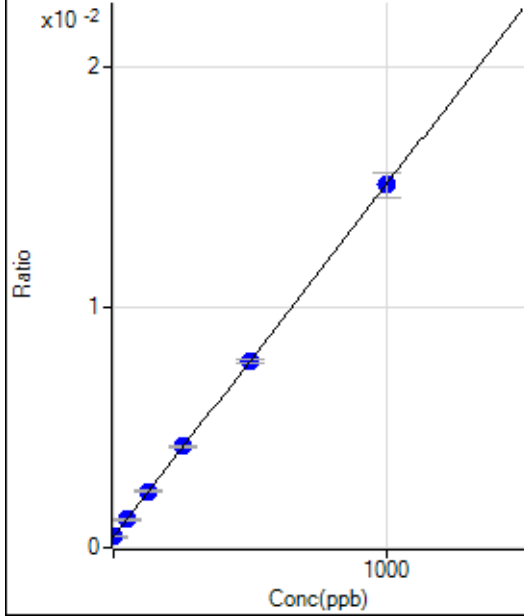
$$DL = 0.01557$$

$$BEC = 0.01602$$

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	5956.92	0.0004	P	2.7
2	☐	1.000	0.582	6172.58	0.0005	P	2.5
3	☐	50.000	49.858	16088.38	0.0012	P	4.1
4	☐	125.000	130.175	32216.54	0.0024	P	1.0
5	☐	250.000	256.578	58097.42	0.0042	P	2.8
6	☐	500.000	498.189	109275.65	0.0077	P	2.4
7	☐	1000.000	998.622	213159.17	0.0151	P	7.0
8	☐			5653.44	0.0004	P	3.1

$$y = 1.4658\text{E-}005 * x + 4.4536\text{E-}004$$

$$R = 1.0000$$

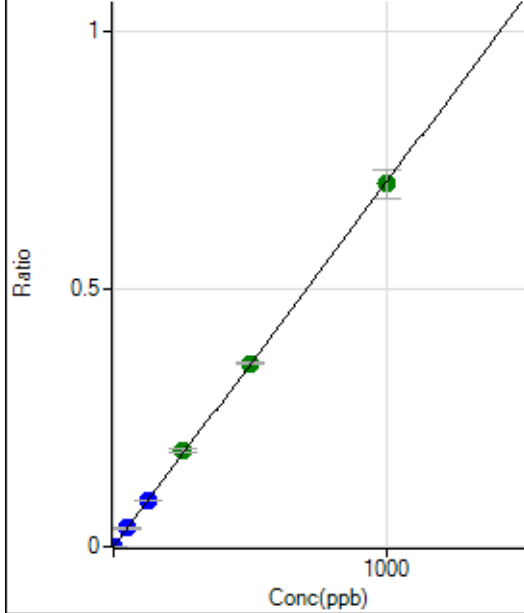
$$DL = 2.445$$

$$BEC = 30.38$$

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	96.67	0.0000	P	20.6
2	☐	1.000	0.892	8685.01	0.0006	P	1.1
3	☐	50.000	50.996	493389.24	0.0361	P	6.1
4	☐	125.000	127.587	1235630.43	0.0903	P	2.1
5	☐	250.000	263.342	2573589.13	0.1863	A	3.1
6	☐	500.000	502.304	5013303.43	0.3554	A	1.5
7	☐	1000.000	995.140	9946847.91	0.7041	A	7.9
8	☐			6977.45	0.0005	P	5.1

$$y = 7.0757\text{E-}004 * x + 7.2281\text{E-}006$$

$$R = 0.9999$$

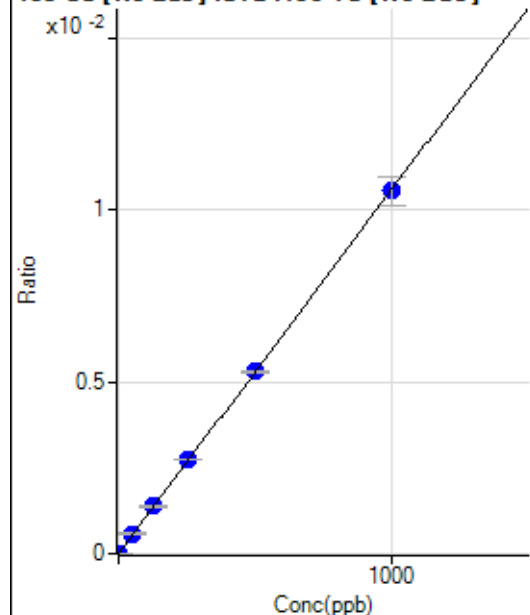
$$DL = 0.006309$$

$$BEC = 0.01022$$

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	24.44	0.0000	P	7.6
2	☐	1.000	1.053	176.67	0.0000	P	20.3
3	☐	50.000	53.723	7798.95	0.0006	P	6.4
4	☐	125.000	130.266	18893.05	0.0014	P	3.9
5	☐	250.000	258.017	37765.14	0.0027	P	0.8
6	☐	500.000	499.872	74658.80	0.0053	P	1.9
7	☐	1000.000	997.215	149118.19	0.0106	P	8.2
8	☐			200.00	0.0000	P	11.1

$$y = 1.0585E-005 * x + 1.8274E-006$$

$$R = 1.0000$$

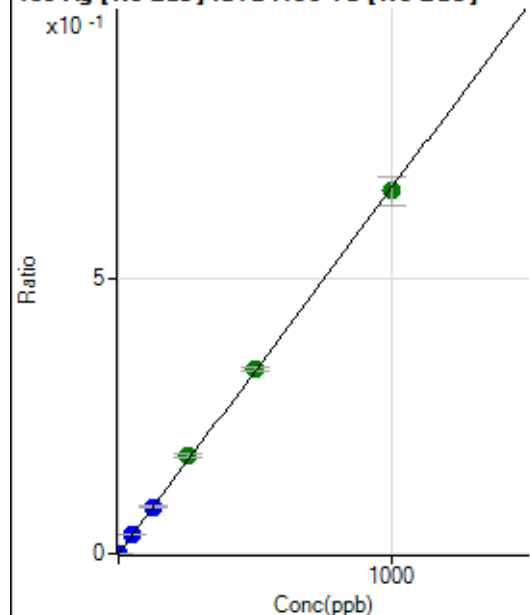
$$DL = 0.03923$$

$$BEC = 0.1726$$

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	34.44	0.0000	P	40.0
2	☐	1.000	0.930	8470.46	0.0006	P	0.4
3	☐	50.000	51.874	472986.09	0.0346	P	6.4
4	☐	125.000	128.291	1170916.30	0.0856	P	3.0
5	☐	250.000	266.280	2452443.68	0.1776	A	4.0
6	☐	500.000	505.827	4758755.14	0.3374	A	1.6
7	☐	1000.000	992.511	9351518.05	0.6620	A	7.7
8	☐			6737.34	0.0005	P	4.8

$$y = 6.6695E-004 * x + 2.5739E-006$$

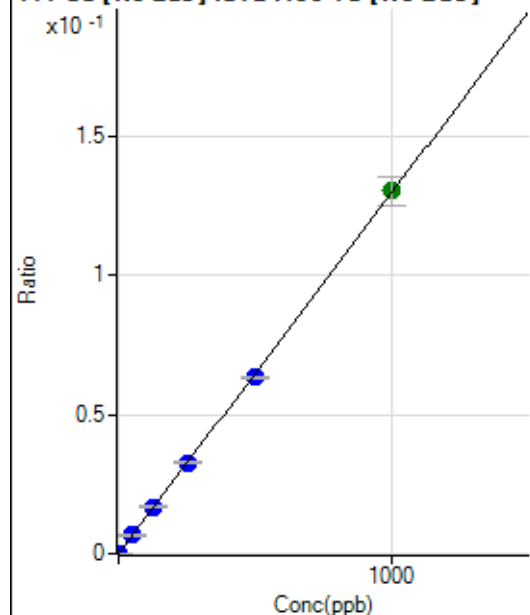
$$R = 0.9998$$

$$DL = 0.004626$$

$$BEC = 0.003859$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	596.36	0.0000	P	2.5
2	☐	1.000	0.989	2352.63	0.0002	P	2.6
3	☐	50.000	51.600	92178.02	0.0067	P	5.2
4	☐	125.000	129.141	229975.68	0.0168	P	2.6
5	☐	250.000	251.627	451679.10	0.0327	P	2.7
6	☐	500.000	487.683	893340.49	0.0633	P	1.8
7	☐	1000.000	1005.154	1843125.38	0.1305	A	8.3
8	☐			1849.88	0.0001	P	3.3

$$y = 1.2978\text{E-}004 * x + 4.4589\text{E-}005$$

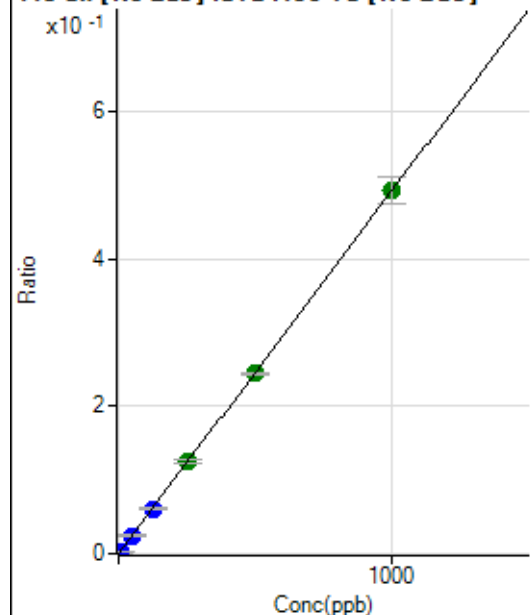
$$R = 0.9999$$

$$DL = 0.02592$$

$$BEC = 0.3436$$

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	1868.39	0.0001	P	5.5
2	☐	5.000	4.346	30978.57	0.0023	P	1.8
3	☐	50.000	49.690	336096.59	0.0246	P	6.7
4	☐	125.000	124.418	839791.57	0.0614	P	2.0
5	☐	250.000	253.630	1725537.06	0.1249	A	3.4
6	☐	500.000	496.148	3445634.33	0.2443	A	1.4
7	☐	1000.000	1001.110	6961700.63	0.4927	A	7.6
8	☐			10491.79	0.0008	P	2.4

$$y = 4.9205\text{E-}004 * x + 1.3973\text{E-}004$$

$$R = 1.0000$$

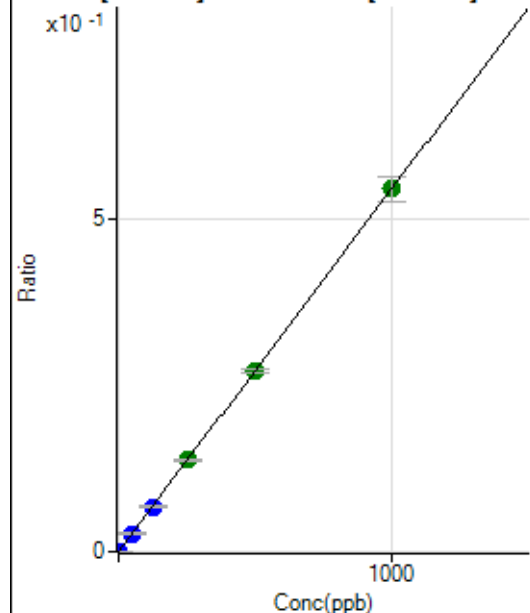
$$DL = 0.04644$$

$$BEC = 0.284$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	54.44	0.0000	P	29.7
2	☐	2.000	1.818	13543.48	0.0010	P	0.9
3	☐	50.000	49.490	369195.60	0.0270	P	5.9
4	☐	125.000	124.623	930588.62	0.0680	P	2.3
5	☐	250.000	252.815	1905055.09	0.1379	A	3.3
6	☐	500.000	497.539	3828477.10	0.2715	A	2.8
7	☐	1000.000	1000.600	7714980.02	0.5459	A	7.1
8	☐			9803.63	0.0007	P	0.5

$$y = 5.4559\text{E-}004 * x + 4.0674\text{E-}006$$

$$R = 1.0000$$

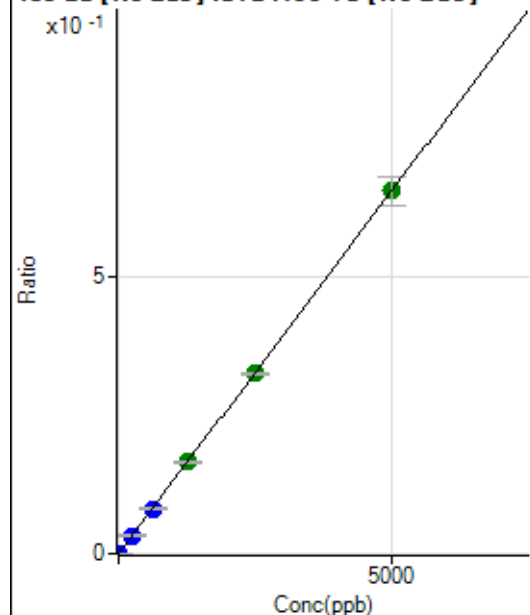
$$DL = 0.006653$$

$$BEC = 0.007455$$

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	50.00	0.0000	P	6.6
2	☐	10.000	9.181	16438.96	0.0012	P	3.6
3	☐	250.000	249.432	447621.99	0.0327	P	6.4
4	☐	625.000	617.211	1108803.84	0.0810	P	2.7
5	☐	1250.000	1268.730	2300535.94	0.1665	A	2.5
6	☐	2500.000	2485.394	4602213.86	0.3263	A	1.0
7	☐	5000.000	5003.624	9279367.99	0.6568	A	7.7
8	☐			9044.28	0.0007	P	3.5

$$y = 1.3127\text{E-}004 * x + 3.7386\text{E-}006$$

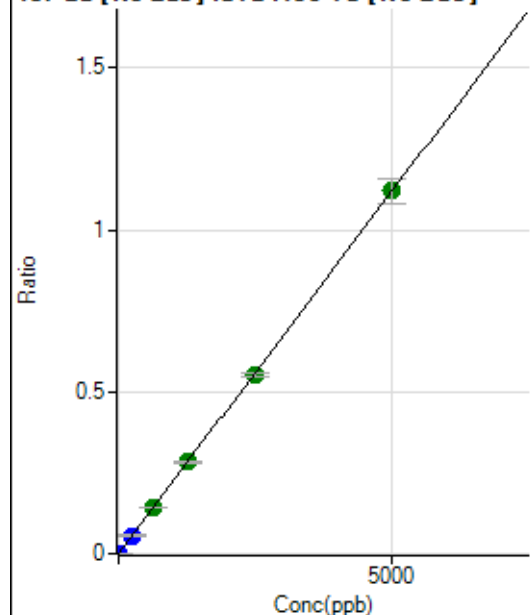
$$R = 1.0000$$

$$DL = 0.005672$$

$$BEC = 0.02848$$

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	88.89	0.0000	P	20.6
2	☐	10.000	9.331	28447.80	0.0021	P	1.4
3	☐	250.000	251.648	768622.84	0.0562	P	7.1
4	☐	625.000	635.233	1942506.43	0.1420	A	3.2
5	☐	1250.000	1265.588	3906009.46	0.2828	A	3.0
6	☐	2500.000	2464.856	7769418.01	0.5508	A	2.1
7	☐	5000.000	5012.315	15827224.76	1.1200	A	7.2
8	☐			15033.08	0.0011	P	1.3

$$y = 2.2346E-004 * x + 6.6473E-006$$

$$R = 1.0000$$

$$DL = 0.01843$$

$$BEC = 0.02975$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			12.22		P	56.8
2	☐			12.22		P	68.7
3	☐			34.44		P	34.0
4	☐			77.78		P	6.5
5	☐			151.11		P	5.5
6	☐			311.12		P	8.6
7	☐			556.68		P	9.6
8	☐			167.78		P	18.0

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐			2.22		P	86.6
3	☐			5.55		P	124.9
4	☐			3.33		P	0.0
5	☐			11.11		P	91.7
6	☐			25.56		P	19.9
7	☐			43.34		P	13.3
8	☐			51.11		P	13.6

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			71.11		P	5.4
2	☐			78.89		P	38.3
3	☐			81.11		P	2.4
4	☐			91.11		P	34.6
5	☐			96.67		P	29.5
6	☐			158.89		P	4.8
7	☐			224.45		P	10.4
8	☐			320.01		P	5.4

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	50.0
2	☐			3.33		P	100.1
3	☐			13.33		P	66.1
4	☐			25.55		P	41.9
5	☐			45.56		P	18.4
6	☐			57.78		P	14.5
7	☐			162.23		P	14.6
8	☐			111.11		P	15.1

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			95.55		P	17.6
2	☐			100.00		P	5.8
3	☐			115.56		P	4.4
4	☐			98.89		P	19.8
5	☐			123.34		P	9.7
6	☐			120.00		P	5.6
7	☐			157.78		P	20.3
8	☐			353.34		P	5.7

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			201.12		P	8.3
2	☐			221.12		P	11.3
3	☐			262.23		P	11.5
4	☐			268.90		P	13.6
5	☐			255.56		P	7.5
6	☐			255.56		P	8.7
7	☐			294.45		P	3.3
8	☐			378.90		P	6.4

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			115.56		P	6.0
2	☐			91.11		P	10.6
3	☐			100.00		P	20.3
4	☐			124.45		P	24.2
5	☐			116.67		P	2.9
6	☐			156.67		P	14.7
7	☐			173.34		P	13.9
8	☐			326.67		P	2.7

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			32.22		P	26.0
2	☐			50.00		P	54.6
3	☐			52.22		P	36.3
4	☐			51.11		P	22.9
5	☐			51.11		P	10.0
6	☐			68.89		P	27.5
7	☐			93.33		P	12.9
8	☐			173.34		P	3.8

172 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			80.00		P	11.0
2	☐			64.45		P	26.0
3	☐			94.44		P	8.9
4	☐			94.45		P	8.9
5	☐			111.11		P	31.2
6	☐			107.78		P	4.7
7	☐			181.12		P	24.0
8	☐			432.24		P	4.2

172 Yb [He] No available calibration points

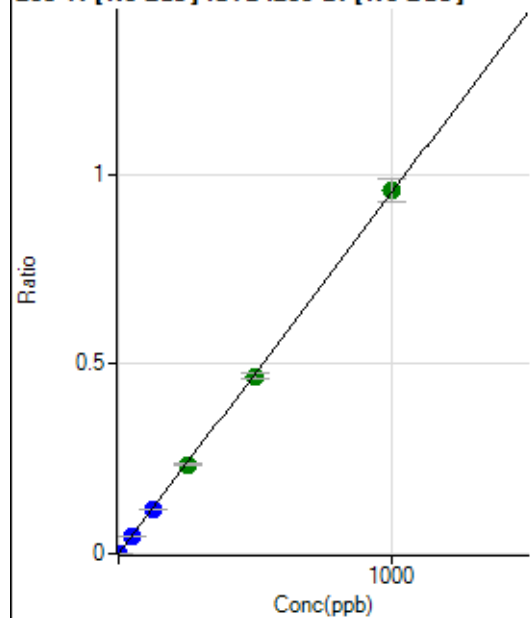
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			47.78		P	29.0
2	☐			57.78		P	33.3
3	☐			45.56		P	40.3
4	☐			62.22		P	11.1
5	☐			61.11		P	12.6
6	☐			82.22		P	29.9
7	☐			83.33		P	24.3
8	☐			222.23		P	12.5

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2217.99		P	10.5
2	☐			2171.31		P	3.1
3	☐			3753.91		P	3.6
4	☐			6168.18		P	3.8
5	☐			10378.63		P	1.7
6	☐			19325.33		P	0.6
7	☐			36840.22		P	0.6
8	☐			2226.88		P	8.7

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			21273.15		P	4.9
2	☐			21939.82		P	4.1
3	☐			22537.39		P	2.3
4	☐			23957.55		P	2.3
5	☐			26391.01		P	1.7
6	☐			30425.20		P	2.2
7	☐			38813.73		P	1.6
8	☐			23228.43		P	4.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	106.67	0.0000	P	5.0
2	☐	1.000	0.881	7275.44	0.0009	P	4.8
3	☐	50.000	48.579	392726.75	0.0462	P	7.2
4	☐	125.000	121.708	981625.05	0.1157	P	2.7
5	☐	250.000	247.074	2006632.92	0.2349	A	2.3
6	☐	500.000	492.241	4018441.15	0.4681	A	3.3
7	☐	1000.000	1005.094	8046010.29	0.9557	A	6.3
8	☐			5987.04	0.0008	P	4.0

$$y = 9.5085E-004 * x + 1.2724E-005$$

$$R = 0.9999$$

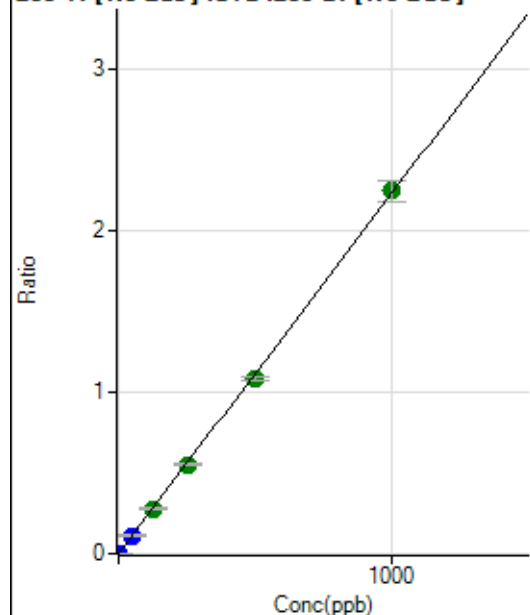
$$DL = 0.00199$$

$$BEC = 0.01338$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	263.34	0.0000	P	13.9
2	☐	1.000	0.899	17452.95	0.0020	P	5.3
3	☐	50.000	49.077	931589.58	0.1096	P	6.7
4	☐	125.000	124.457	2356745.97	0.2779	A	3.0
5	☐	250.000	247.329	4715465.21	0.5522	A	3.1
6	☐	500.000	486.420	9325607.22	1.0859	A	1.4
7	☐	1000.000	1007.572	18942795.55	2.2493	A	5.5
8	☐			13738.92	0.0018	P	7.6

$$y = 0.0022 * x + 3.1428E-005$$

$$R = 0.9999$$

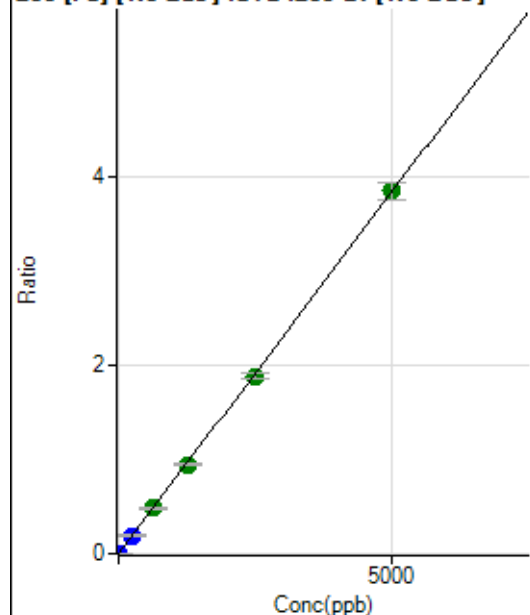
$$DL = 0.00585$$

$$BEC = 0.01408$$

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	506.68	0.0001	P	6.2
2	☐	1.000	0.883	6302.70	0.0007	P	1.6
3	☐	250.000	246.662	1605909.13	0.1889	P	6.4
4	☐	625.000	626.855	4071209.77	0.4800	A	1.8
5	☐	1250.000	1235.947	8082155.29	0.9462	A	2.2
6	☐	2500.000	2461.596	16180337.26	1.8846	A	2.8
7	☐	5000.000	5022.650	32388033.13	3.8452	A	5.0
8	☐			29507.76	0.0039	P	2.1

$$y = 7.6556E-004 * x + 6.0430E-005$$

$$R = 1.0000$$

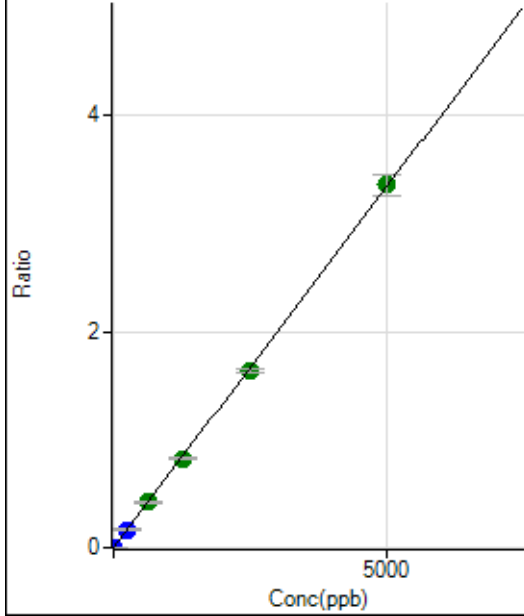
$$DL = 0.01473$$

$$BEC = 0.07894$$

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	436.68	0.0001	P	5.2
2	☐	1.000	0.912	5662.41	0.0007	P	1.9
3	☐	250.000	247.329	1404737.49	0.1652	P	6.6
4	☐	625.000	629.020	3564443.77	0.4202	A	1.2
5	☐	1250.000	1237.912	7061980.24	0.8268	A	2.7
6	☐	2500.000	2447.701	14038904.93	1.6349	A	1.6
7	☐	5000.000	5028.803	28284885.41	3.3588	A	5.6
8	☐			25624.95	0.0033	P	4.8

$$y = 6.6790E-004 * x + 5.2106E-005$$

$$R = 0.9999$$

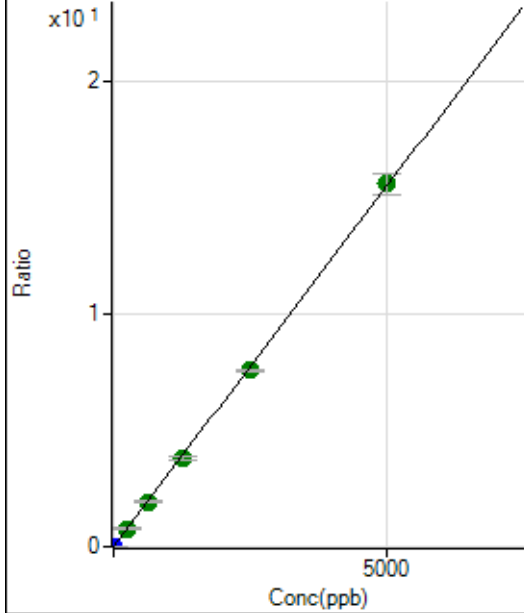
$$DL = 0.0121$$

$$BEC = 0.07801$$

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	1983.42	0.0002	P	2.9
2	☐	1.000	0.892	25631.31	0.0030	P	2.4
3	☐	250.000	247.398	6504070.15	0.7650	A	6.4
4	☐	625.000	624.330	16373270.21	1.9303	A	1.8
5	☐	1250.000	1227.210	32402339.30	3.7940	A	2.7
6	☐	2500.000	2442.503	64838163.34	7.5508	A	1.9
7	☐	5000.000	5034.660	131067119.7	15.5641	A	5.6
8	☐			117034.34	0.0153	P	1.7

$$y = 0.0031 * x + 2.3665E-004$$

$$R = 0.9999$$

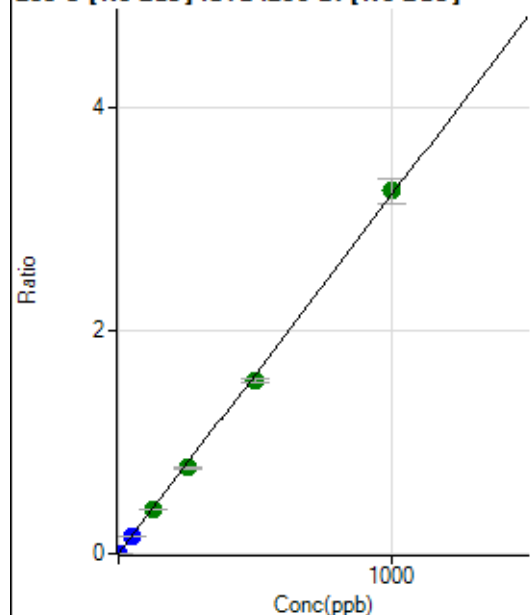
$$DL = 0.006571$$

$$BEC = 0.07655$$

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	82.22	0.0000	P	27.6
2	☐	1.000	0.858	23672.09	0.0028	P	3.4
3	☐	50.000	47.684	1302332.19	0.1532	P	6.0
4	☐	125.000	123.121	3354192.45	0.3955	A	2.5
5	☐	250.000	239.072	6557242.61	0.7679	A	3.6
6	☐	500.000	482.334	13302648.42	1.5492	A	2.1
7	☐	1000.000	1011.916	27357038.76	3.2502	A	6.8
8	☐			18792.47	0.0025	P	6.7

$$y = 0.0032 * x + 9.8072E-006$$

$$R = 0.9997$$

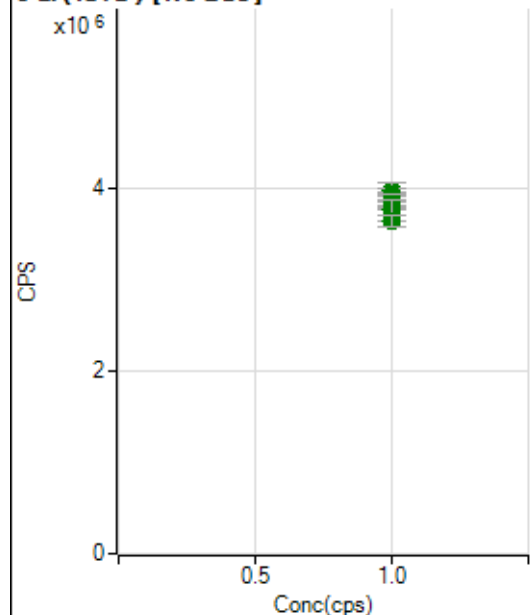
$$DL = 0.002526$$

$$BEC = 0.003053$$

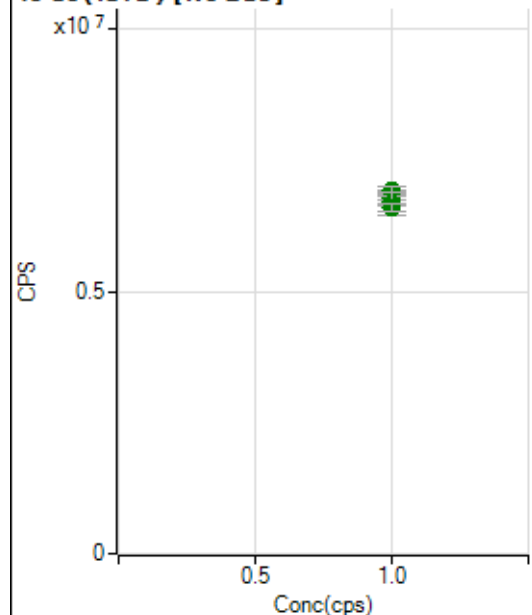
Weight: <None>

Min Conc: 0

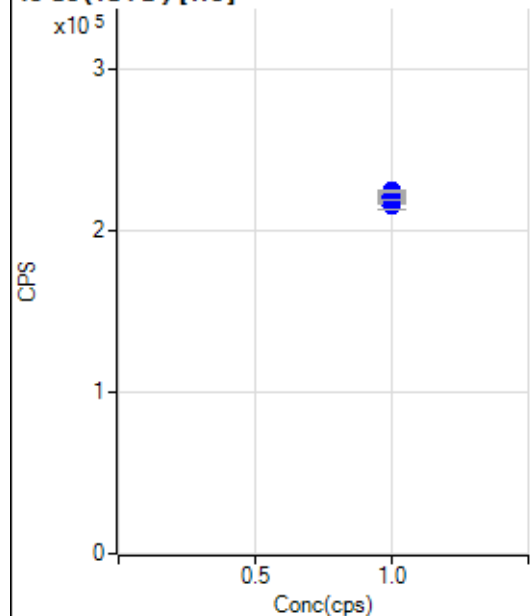
6 Li (ISTD) [No Gas]



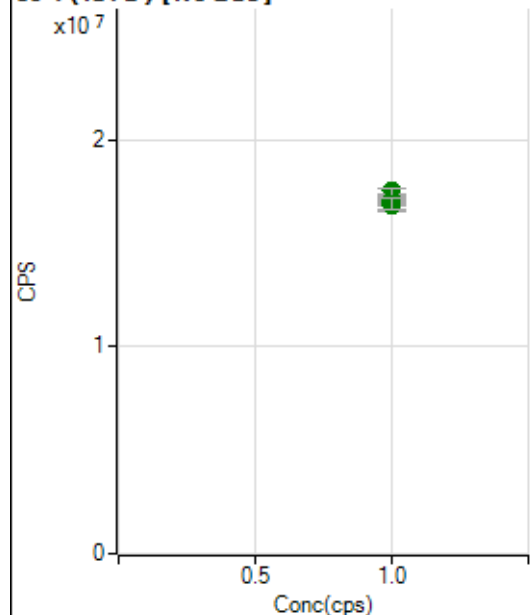
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3821099.79		A	2.3
2	☐	1.000		3976937.37		A	1.5
3	☐	1.000		3936653.78		A	6.7
4	☐	1.000		3943397.21		A	1.5
5	☐	1.000		3871076.02		A	3.0
6	☐	1.000		3937519.74		A	0.1
7	☐	1.000		3763002.86		A	6.7
8	☐	1.000		3642252.95		A	3.7

45 Sc (ISTD) [No Gas]

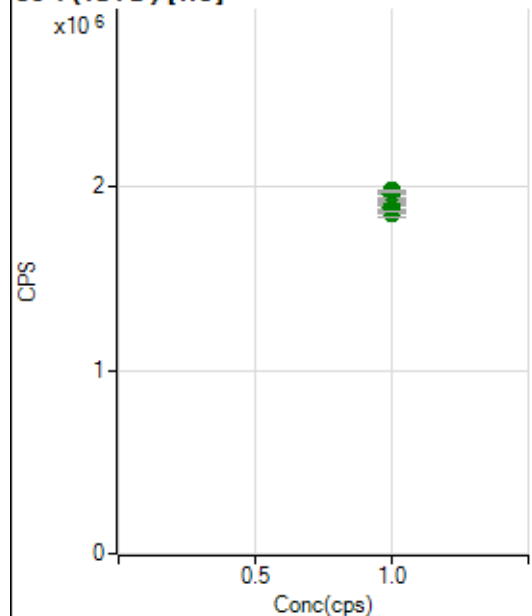
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6700376.77		A	1.1
2	☐	1.000		6851146.98		A	0.8
3	☐	1.000		6797459.62		A	4.2
4	☐	1.000		6767879.14		A	2.9
5	☐	1.000		6791359.07		A	3.1
6	☐	1.000		6917171.08		A	2.3
7	☐	1.000		6667886.29		A	6.3
8	☐	1.000		6608557.13		A	2.5

45 Sc (ISTD) [He]

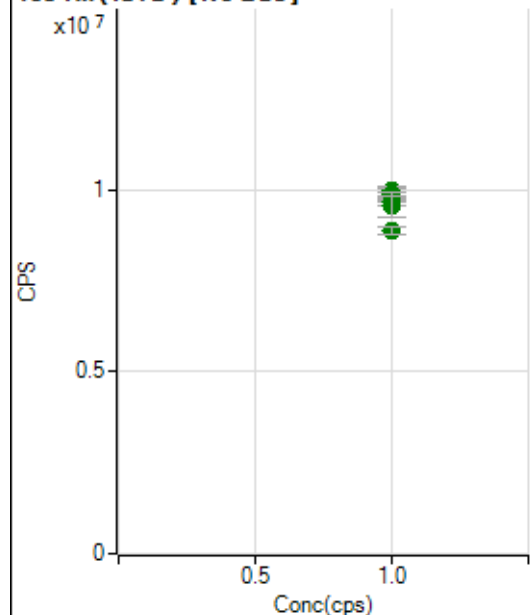
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		215630.03		P	2.4
2	☐	1.000		220918.51		P	2.9
3	☐	1.000		219616.77		P	2.0
4	☐	1.000		219382.40		P	2.6
5	☐	1.000		221548.97		P	2.1
6	☐	1.000		219465.36		P	0.8
7	☐	1.000		220640.27		P	1.6
8	☐	1.000		224911.18		P	0.6

89 Y (ISTD) [No Gas]

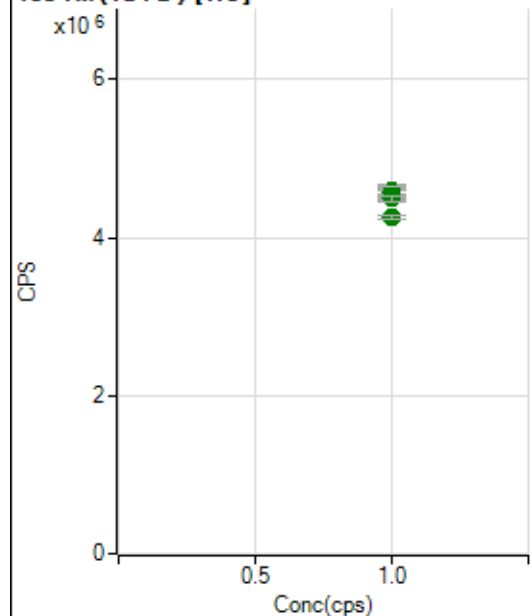
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		16909176.97		A	1.2
2	☐	1.000		16974312.80		A	1.5
3	☐	1.000		16889994.61		A	3.9
4	☐	1.000		16772568.08		A	1.6
5	☐	1.000		17066734.05		A	2.0
6	☐	1.000		17526389.74		A	1.6
7	☐	1.000		17129188.91		A	6.2
8	☐	1.000		16875159.33		A	3.3

89 Y (ISTD) [He]

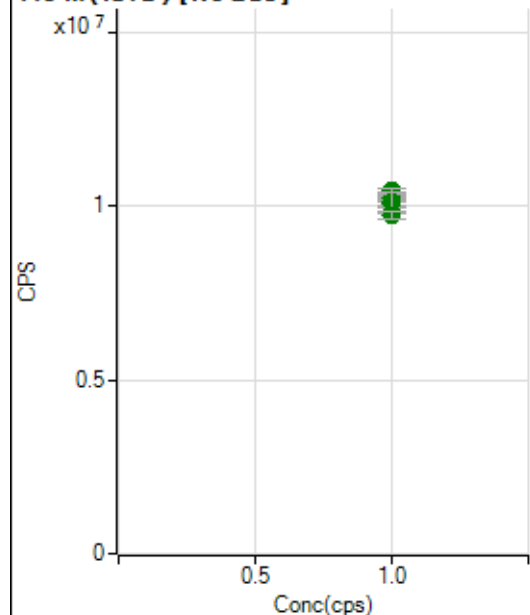
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1852462.04		A	2.0
2	☐	1.000		1929063.37		A	3.0
3	☐	1.000		1886969.09		A	3.2
4	☐	1.000		1887328.77		A	2.5
5	☐	1.000		1913340.96		A	1.2
6	☐	1.000		1919363.43		A	0.4
7	☐	1.000		1960087.83		A	2.0
8	☐	1.000		1977145.47		A	0.8

103 Rh (ISTD) [No Gas]

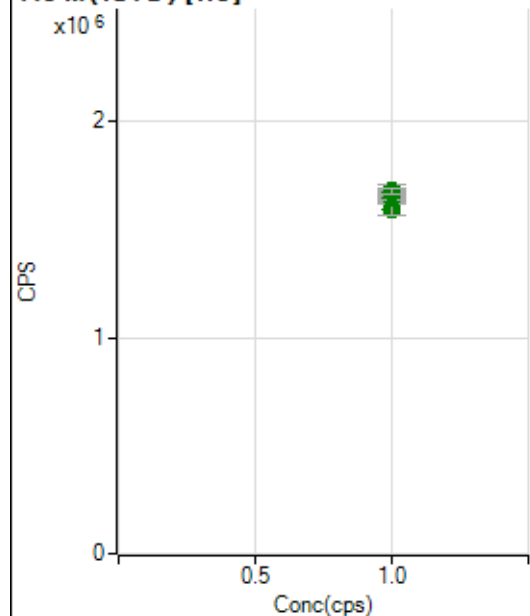
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9737289.02		A	0.9
2	☐	1.000		9974119.29		A	1.2
3	☐	1.000		9883041.45		A	4.3
4	☐	1.000		9648800.55		A	1.6
5	☐	1.000		9662002.98		A	2.4
6	☐	1.000		9882479.50		A	1.4
7	☐	1.000		9547799.30		A	6.1
8	☐	1.000		8881127.16		A	2.7

103 Rh (ISTD) [He]

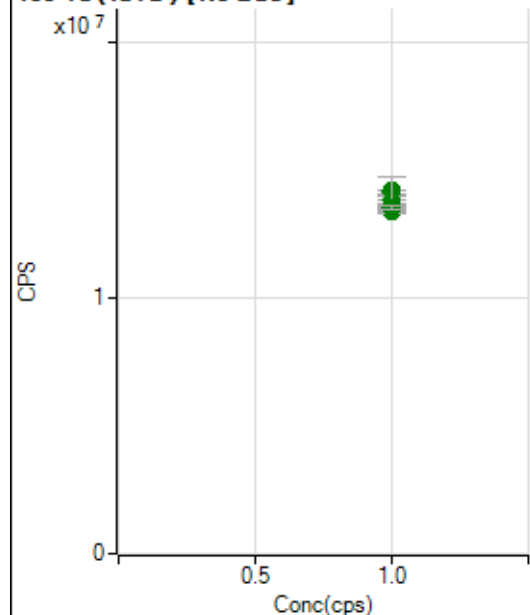
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4556044.38		A	3.2
2	☐	1.000		4590460.63		A	2.7
3	☐	1.000		4582677.74		A	3.4
4	☐	1.000		4536067.75		A	2.5
5	☐	1.000		4578103.68		A	2.8
6	☐	1.000		4518343.26		A	1.0
7	☐	1.000		4491838.16		A	1.6
8	☐	1.000		4258811.67		A	1.2

115 In (ISTD) [No Gas]

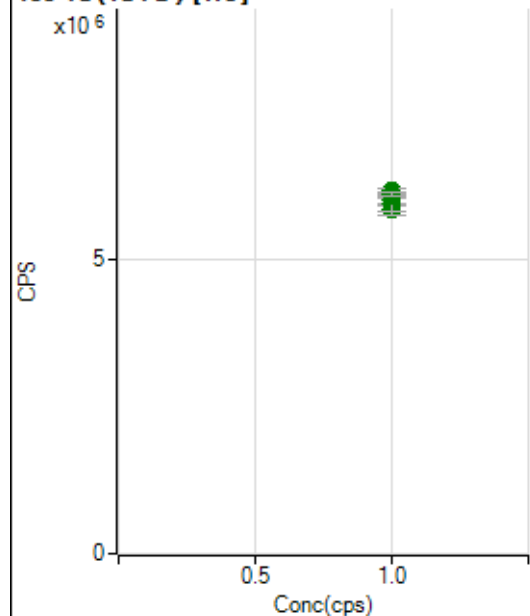
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10016089.40		A	0.1
2	☐	1.000		10250692.47		A	1.0
3	☐	1.000		10225221.73		A	3.7
4	☐	1.000		10056318.73		A	2.1
5	☐	1.000		10251383.57		A	2.9
6	☐	1.000		10432130.74		A	1.9
7	☐	1.000		10096002.55		A	5.7
8	☐	1.000		9727447.04		A	2.0

115 In (ISTD) [He]

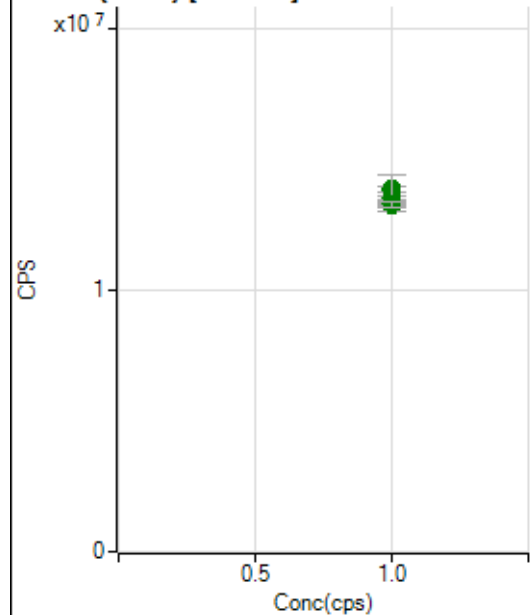
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1596397.53		A	3.9
2	☐	1.000		1680100.78		A	3.4
3	☐	1.000		1655044.97		A	2.4
4	☐	1.000		1652187.19		A	3.8
5	☐	1.000		1644736.26		A	1.7
6	☐	1.000		1654234.02		A	0.5
7	☐	1.000		1651304.47		A	1.9
8	☐	1.000		1678309.27		A	1.5

159 Tb (ISTD) [No Gas]

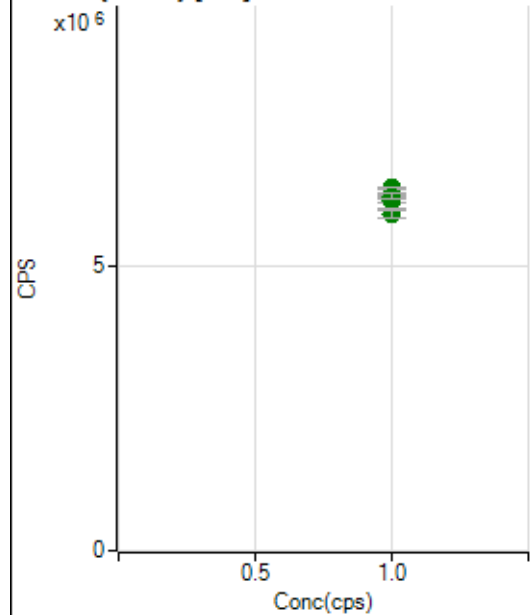
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13374066.33		A	0.7
2	☐	1.000		13599621.88		A	0.7
3	☐	1.000		13692285.21		A	4.1
4	☐	1.000		13690212.02		A	2.1
5	☐	1.000		13819865.07		A	3.1
6	☐	1.000		14107409.79		A	1.6
7	☐	1.000		14181619.93		A	7.4
8	☐	1.000		13540020.49		A	1.4

159 Tb (ISTD) [He]

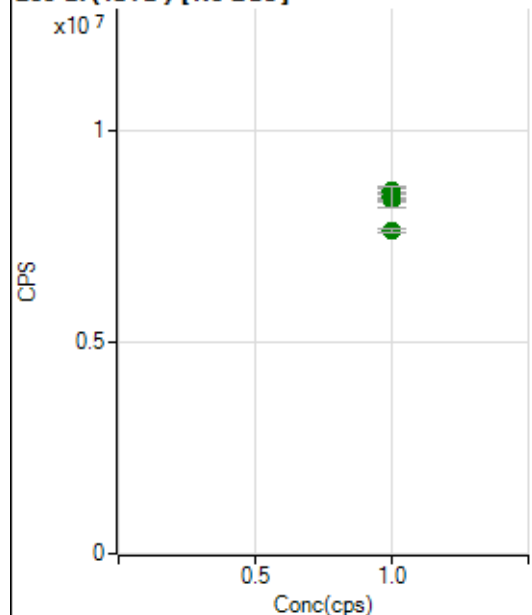
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5854211.89		A	3.4
2	☐	1.000		6024781.37		A	3.6
3	☐	1.000		6029817.97		A	1.7
4	☐	1.000		5952723.73		A	3.4
5	☐	1.000		6097179.36		A	1.3
6	☐	1.000		6125434.29		A	1.1
7	☐	1.000		6184371.09		A	1.0
8	☐	1.000		6143019.84		A	1.1

165 Ho (ISTD) [No Gas]

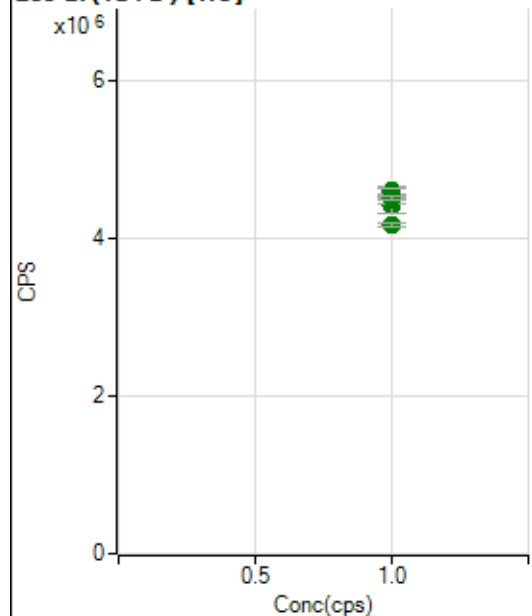
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13282401.61		A	1.2
2	☐	1.000		13409880.91		A	0.8
3	☐	1.000		13341142.44		A	4.7
4	☐	1.000		13328262.02		A	0.6
5	☐	1.000		13571355.35		A	3.0
6	☐	1.000		13896398.40		A	1.4
7	☐	1.000		13847562.85		A	8.5
8	☐	1.000		13301753.41		A	1.7

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5895207.69		A	2.7
2	☐	1.000		6180569.49		A	2.8
3	☐	1.000		6145842.83		A	1.3
4	☐	1.000		6119686.99		A	3.9
5	☐	1.000		6156353.31		A	1.5
6	☐	1.000		6178623.73		A	0.4
7	☐	1.000		6359491.64		A	0.9
8	☐	1.000		6210955.26		A	1.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8382253.49		A	0.8
2	☐	1.000		8562845.64		A	1.6
3	☐	1.000		8516335.91		A	4.1
4	☐	1.000		8484634.73		A	2.1
5	☐	1.000		8544415.22		A	2.7
6	☐	1.000		8589243.90		A	2.2
7	☐	1.000		8439551.75		A	5.9
8	☐	1.000		7653858.43		A	1.3

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4429418.13		A	4.5
2	☐	1.000		4607359.48		A	2.4
3	☐	1.000		4543008.30		A	1.5
4	☐	1.000		4495089.90		A	2.8
5	☐	1.000		4602129.31		A	1.3
6	☐	1.000		4515924.83		A	0.6
7	☐	1.000		4520846.15		A	0.7
8	☐	1.000		4169227.78		A	1.0

US EPA Tune Check Report

Operator Name

Jaswal

Acq/Data Batch

D:\Agilent\ICPMH\1\DATA\P8060424-MS1.b

Acq. Date-Time

2024-06-04 15:26:00

Report Comment

Instrument Name

G8403A SG19224459

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		14070	140704.09			0.906	5.000
24		107075	1070746.64			0.722	5.000
25		14936	149356.77			0.848	5.000
26		17248	172478.14			1.373	5.000
59		108936	1089361.00			2.128	5.000
113		12926	129258.55			1.392	5.000
115		161398	1613982.69			1.368	5.000
206		38889	388886.64			1.185	5.000
207		34797	347972.23			1.685	5.000
208		83379	833785.21			1.557	5.000
220		0	1.70			39.460	

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

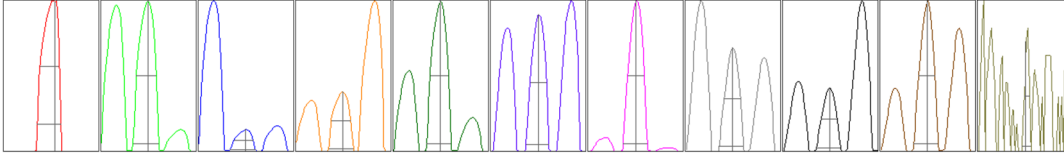
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	13853	14152	14122	14161	14064
24	107578	108171	106778	106396	106450
25	14725	15006	14915	14987	15045
26	16839	17310	17303	17330	17457
59	105636	110008	108854	108249	111933
113	12704	13128	12827	12880	13091
115	158532	163046	159515	162618	163280
206	38171	39347	38875	38817	39233
207	33884	35400	34631	34898	35173
208	81375	83777	83008	84857	83877

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	23480.60	9.15	8.90 - 9.10	Fail
24	183603.83	24.00	23.90 - 24.10	
25	25812.23	25.00	24.90 - 25.10	
26	30326.44	26.00	25.90 - 26.10	
59	201390.43	59.00	58.90 - 59.10	
113	26172.61	113.05	112.90 - 113.10	
115	322537.85	115.05	114.90 - 115.10	
206	78260.20	206.00	205.90 - 206.10	
207	70993.25	207.00	206.90 - 207.10	
208	168810.52	208.00	207.90 - 208.10	
220	0.40	220.05	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.60	0.747	0.900	
24	0.62	0.821	0.900	
25	0.61	0.811	0.900	
26	0.61	0.785	0.900	
59	0.57	0.775	0.900	
113	0.52	0.711	0.900	
115	0.52	0.761	0.900	
206	0.51	0.769	0.900	
207	0.50	0.772	0.900	
208	0.51	0.771	0.900	
220	0.18	0.289		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.85 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	-6.0 V	Omega Lens	12.3 V	Deflect	14.6 V
Extract 2	-220.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-75 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	4.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	120 V		

QP Parameters

Mass Gain	126	Axis Gain	0.9993	QP Bias	-4.0 V
Mass Offset	125	Axis Offset	0.04		

Hardware Settings

Torch

Torch H	0.9 mm	Torch V	-0.8 mm
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EM

Discriminator	3.9 mV	Analog HV	2129 V	Pulse HV	940 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		24503	245030.25			1.161	
89		18710	187096.31			1.315	
205		30106	301057.82			1.201	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	24616	24063	24454	24840	24542
89	18890	18429	18500	19005	18724
205	30286	29808	29686	30575	30174

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.85 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	-6.0 V	Omega Lens	12.3 V	Deflect	3.6 V
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US EPA Tune Check Report

Extract 2	-220.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-75 V	Cell Exit	-70 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		
QP Parameters					
Mass Gain	126	Axis Gain	0.9993	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	0.04		
Hardware Settings					
Torch					
Torch H	0.9 mm	Torch V	-0.8 mm		
EM					
Discriminator	3.9 mV	Analog HV	2129 V	Pulse HV	940 V

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 16:15:43	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.17	0.19	-0.36	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.04	-0.02	-0.02	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	-0.01	0.01	0.00	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.00	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Cadmium	106-1	0.88	-0.14	-0.74	0.00	N/A	ppb
Cadmium	111-1	0.01	-0.01	0.00	0.00	N/A	ppb
Calcium	43-1	0.17	0.06	-0.24	0.00	N/A	ppb
Calcium	44-1	0.40	-0.22	-0.18	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	-0.05	0.02	0.00	N/A	ppb
Cobalt	59-2	-0.01	0.00	0.01	0.00	N/A	ppb
Copper	63-2	0.01	0.02	-0.03	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	0.54	-0.46	-0.08	0.00	N/A	ppb
Iron	56-2	0.03	-0.07	0.04	0.00	N/A	ppb
Iron	57-2	-0.44	-0.74	1.18	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 16:15:43	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.00	-0.05	0.05	0.00	N/A	ppb
Manganese	55-2	0.02	-0.01	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	-0.01	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	-0.02	-0.01	0.00	N/A	ppb
Phosphorus	31-2	-19.17	-7.55	-17.86	-14.86		ppb
Potassium	39-2	1.06	-1.61	0.55	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.51	0.14	0.37	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.49	0.21	0.28	0.00	N/A	ppb
Silicon	28-1	0.01	-0.03	0.02	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	1.35	-3.41	2.06	0.00	N/A	ppb
Strontium	86-1	0.00	0.00	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	226.82	44.64	228.39	166.62	63.40	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.02	0.00	0.02	0.00	N/A	ppb
Titanium	47-1	-0.02	0.01	0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 16:15:43	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.00	0.01	-0.02	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	0.00	-0.01	0.00	N/A	ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 16:19:04	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.93	18.64	19.93	19.17	3.53	ppb
Antimony	121-1	1.80	1.84	1.82	1.82	0.91	ppb
Arsenic	75-2	1.10	0.91	1.14	1.05	11.98	ppb
Barium	135-1	8.80	9.31	9.43	9.18	3.62	ppb
Barium	137-1	9.26	9.25	9.49	9.33	1.44	ppb
Beryllium	9-1	0.97	1.03	0.99	1.00	3.47	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Cadmium	108-1	1.28	0.78	1.10	1.05	23.68	ppb
Cadmium	106-1	0.98	1.08	-0.31	0.58	132.97	ppb
Cadmium	111-1	0.95	1.00	1.02	0.99	3.45	ppb
Calcium	43-1	442.68	451.17	446.08	446.64	0.96	ppb
Calcium	44-1	453.43	446.65	452.26	450.78	0.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.90	1.74	1.85	1.83	4.30	ppb
Cobalt	59-2	1.03	0.99	0.98	1.00	2.69	ppb
Copper	63-2	1.93	1.88	1.82	1.88	2.93	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				101		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				105		%
Iron	54-2	51.45	48.86	48.48	49.60	3.26	ppb
Iron	56-2	48.82	46.34	46.83	47.33	2.77	ppb
Iron	57-2	46.56	45.96	48.29	46.94	2.58	ppb
Krypton	83-1						cps
Lead	206-1	0.87	0.88	0.90	0.88	1.74	ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 16:19:04	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.89	0.93	0.91	0.91	2.11	ppb
Lead	208-1	0.87	0.90	0.91	0.89	2.57	ppb
Lithium	6-1				104		%
Magnesium	24-2	499.92	472.07	477.86	483.28	3.04	ppb
Manganese	55-2	0.95	0.93	0.91	0.93	2.09	ppb
Molybdenum	94-1	4.71	5.00	4.64	4.78	3.92	ppb
Molybdenum	95-1	4.02	4.11	4.01	4.05	1.37	ppb
Molybdenum	96-1	4.03	4.22	4.11	4.12	2.38	ppb
Molybdenum	97-1	3.92	4.22	4.15	4.10	3.82	ppb
Molybdenum	98-1	4.27	4.50	4.49	4.42	2.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.97	0.98	0.96	0.97	0.69	ppb
Phosphorus	31-2	26.21	11.64	6.72	14.86	68.20	ppb
Potassium	39-2	463.84	434.01	429.89	442.58	4.19	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	5.43	5.11	4.89	5.14	5.35	ppb
Selenium	77-2	6.05	5.74	7.39	6.39	13.69	ppb
Selenium	78-2	3.72	5.33	5.10	4.72	18.51	ppb
Silicon	28-1	2.13	1.87	1.93	1.98	6.76	ppb
Silver	107-1	0.88	0.89	0.90	0.89	1.13	ppb
Silver	109-1	0.93	0.93	0.93	0.93	0.44	ppb
Sodium	23-2	491.78	452.29	460.98	468.35	4.43	ppb
Strontium	86-1	0.88	0.88	0.91	0.89	1.98	ppb
Strontium	88-1	0.90	0.93	0.89	0.91	2.21	ppb
Sulfur	34-1	-119.33	-209.48	-171.06	-166.62		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.85	0.93	0.87	0.88	4.83	ppb
Thallium	205-1	0.84	0.93	0.93	0.90	5.38	ppb
Tin	118-1	4.26	4.43	4.34	4.35	1.96	ppb
Titanium	47-1	4.48	4.47	4.42	4.46	0.65	ppb
Uranium	238-1	0.82	0.87	0.88	0.86	3.43	ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 16:19:04	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	5.03	4.58	4.48	4.70	6.25	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				104		%
Zinc	66-2	4.74	4.38	4.27	4.46	5.48	ppb
Zirconium	90-1	0.82	0.86	0.86	0.85	2.61	ppb
Zirconium	91-1	0.85	0.86	0.84	0.85	1.24	ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 16:22:27	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1009.05	1044.09	1012.79	1021.98	1.88	ppb
Antimony	121-1	47.07	48.66	52.75	49.49	5.92	ppb
Arsenic	75-2	52.06	54.22	52.28	52.85	2.25	ppb
Barium	135-1	235.61	245.60	267.08	249.43	6.45	ppb
Barium	137-1	236.76	246.90	271.29	251.65	7.05	ppb
Beryllium	9-1	47.62	51.46	54.55	51.21	6.78	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Cadmium	108-1	50.57	53.20	57.40	53.72	6.41	ppb
Cadmium	106-1	46.76	49.50	53.31	49.86	6.60	ppb
Cadmium	111-1	49.21	51.03	54.56	51.60	5.27	ppb
Calcium	43-1	5098.72	5439.46	5771.80	5436.66	6.19	ppb
Calcium	44-1	4991.73	5262.43	5749.92	5334.69	7.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	48.60	51.31	48.99	49.63	2.95	ppb
Cobalt	59-2	49.12	51.49	49.23	49.95	2.68	ppb
Copper	63-2	524.17	552.90	523.94	533.67	3.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	54-2	2549.14	2663.13	2584.35	2598.88	2.25	ppb
Iron	56-2	2561.66	2641.86	2540.65	2581.39	2.07	ppb
Iron	57-2	2494.56	2610.19	2527.17	2543.97	2.34	ppb
Krypton	83-1						cps
Lead	206-1	232.54	243.69	263.75	246.66	6.41	ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 16:22:27	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	232.79	244.06	265.14	247.33	6.64	ppb
Lead	208-1	232.95	244.94	264.31	247.40	6.40	ppb
Lithium	6-1				103		%
Magnesium	24-2	5179.53	5381.97	5256.22	5272.57	1.94	ppb
Manganese	55-2	483.78	506.74	491.07	493.86	2.38	ppb
Molybdenum	94-1	478.57	494.58	533.67	502.27	5.64	ppb
Molybdenum	95-1	479.79	491.26	532.95	501.33	5.58	ppb
Molybdenum	96-1	483.42	501.38	545.72	510.17	6.29	ppb
Molybdenum	97-1	460.36	477.51	517.14	485.01	6.00	ppb
Molybdenum	98-1	517.38	552.64	576.41	548.81	5.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.67	54.75	52.28	53.23	2.49	ppb
Phosphorus	31-2	1095.72	964.04	1031.04	1030.27	6.39	ppb
Potassium	39-2	2372.44	2493.63	2422.39	2429.49	2.51	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	82-1	51.84	50.16	59.21	53.74	8.96	ppb
Selenium	77-2	52.01	57.59	61.91	57.17	8.68	ppb
Selenium	78-2	55.56	56.48	48.21	53.42	8.49	ppb
Silicon	28-1	64.26	52.64	73.92	63.61	16.76	ppb
Silver	107-1	48.26	50.34	54.39	51.00	6.12	ppb
Silver	109-1	48.84	51.36	55.42	51.87	6.40	ppb
Sodium	23-2	5132.05	5306.10	5060.88	5166.34	2.44	ppb
Strontium	86-1	1203.21	1217.03	1349.00	1256.42	6.41	ppb
Strontium	88-1	1187.37	1226.20	1321.27	1244.95	5.53	ppb
Sulfur	34-1	731.51	1224.48	1999.27	1318.42	48.47	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	45.47	47.92	52.35	48.58	7.18	ppb
Thallium	205-1	46.35	48.13	52.75	49.08	6.73	ppb
Tin	118-1	46.82	48.85	53.40	49.69	6.78	ppb
Titanium	47-1	495.75	530.37	566.05	530.72	6.62	ppb
Uranium	238-1	44.99	47.36	50.71	47.68	6.03	ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 16:22:27	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	48.06	50.45	48.35	48.95	2.66	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	501.06	525.93	505.73	510.91	2.59	ppb
Zirconium	90-1	45.52	46.55	50.68	47.58	5.74	ppb
Zirconium	91-1	45.59	46.44	50.18	47.41	5.16	ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 16:25:38	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2498.47	2619.09	2554.95	2557.50	2.36	ppb
Antimony	121-1	121.38	125.44	127.05	124.62	2.35	ppb
Arsenic	75-2	129.07	134.05	127.86	130.33	2.52	ppb
Barium	135-1	598.84	620.60	632.19	617.21	2.74	ppb
Barium	137-1	614.28	636.39	655.03	635.23	3.21	ppb
Beryllium	9-1	127.27	126.99	131.47	128.58	1.95	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	125.50	129.69	135.61	130.27	3.90	ppb
Cadmium	106-1	129.17	129.28	132.08	130.18	1.27	ppb
Cadmium	111-1	125.83	129.14	132.45	129.14	2.56	ppb
Calcium	43-1	13483.29	13390.81	14069.74	13647.95	2.70	ppb
Calcium	44-1	13005.99	13472.64	13690.41	13389.68	2.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	119.85	125.37	122.58	122.60	2.25	ppb
Cobalt	59-2	120.72	127.21	124.22	124.05	2.62	ppb
Copper	63-2	1267.30	1347.91	1297.37	1304.19	3.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				103		%
Iron	54-2	6230.66	6590.60	6380.27	6400.51	2.83	ppb
Iron	56-2	6241.07	6648.92	6505.10	6465.03	3.20	ppb
Iron	57-2	6080.54	6463.76	6325.07	6289.79	3.08	ppb
Krypton	83-1						cps
Lead	206-1	618.10	623.25	639.21	626.85	1.76	ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 16:25:38	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	621.11	630.34	635.61	629.02	1.17	ppb
Lead	208-1	614.52	621.87	636.60	624.33	1.80	ppb
Lithium	6-1				103		%
Magnesium	24-2	12915.28	13475.20	13086.09	13158.85	2.18	ppb
Manganese	55-2	1227.01	1330.61	1269.99	1275.87	4.08	ppb
Molybdenum	94-1	1211.89	1256.30	1280.04	1249.41	2.77	ppb
Molybdenum	95-1	1232.75	1262.73	1293.77	1263.08	2.42	ppb
Molybdenum	96-1	1237.56	1255.28	1279.50	1257.45	1.67	ppb
Molybdenum	97-1	1253.23	1252.47	1266.22	1257.31	0.61	ppb
Molybdenum	98-1	1369.54	1343.64	1387.50	1366.89	1.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	126.68	135.40	133.08	131.72	3.43	ppb
Phosphorus	31-2	2470.18	2625.62	2463.50	2519.77	3.64	ppb
Potassium	39-2	5916.88	6201.18	6061.92	6059.99	2.35	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	82-1	130.70	133.55	133.62	132.62	1.25	ppb
Selenium	77-2	121.96	129.88	132.19	128.01	4.19	ppb
Selenium	78-2	133.72	141.07	142.24	139.01	3.32	ppb
Silicon	28-1	131.19	130.75	140.23	134.06	3.99	ppb
Silver	107-1	124.57	128.46	129.73	127.59	2.11	ppb
Silver	109-1	124.04	129.51	131.32	128.29	2.95	ppb
Sodium	23-2	12603.11	12986.92	12496.80	12695.61	2.03	ppb
Strontium	86-1	3080.45	3165.51	3156.73	3134.23	1.49	ppb
Strontium	88-1	3055.84	3211.71	3186.93	3151.49	2.66	ppb
Sulfur	34-1	2780.16	2896.08	3635.36	3103.87	14.95	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	118.41	121.63	125.08	121.71	2.74	ppb
Thallium	205-1	120.20	126.06	127.11	124.46	2.99	ppb
Tin	118-1	121.97	124.32	126.96	124.42	2.01	ppb
Titanium	47-1	1389.59	1383.64	1434.51	1402.58	1.98	ppb
Uranium	238-1	120.09	123.09	126.18	123.12	2.47	ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 16:25:38	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	117.38	125.27	121.09	121.25	3.26	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				102		%
Zinc	66-2	1224.53	1291.38	1246.60	1254.17	2.72	ppb
Zirconium	90-1	126.24	127.33	126.98	126.85	0.44	ppb
Zirconium	91-1	117.36	121.76	122.59	120.57	2.33	ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 16:28:42	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4956.91	4950.70	5145.70	5017.77	2.21	ppb
Antimony	121-1	255.45	259.41	243.58	252.81	3.26	ppb
Arsenic	75-2	260.16	252.75	256.98	256.63	1.45	ppb
Barium	135-1	1297.38	1275.16	1233.65	1268.73	2.55	ppb
Barium	137-1	1281.85	1293.02	1221.90	1265.59	3.02	ppb
Beryllium	9-1	255.47	260.63	245.81	253.97	2.96	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Cadmium	108-1	260.19	257.87	255.99	258.02	0.81	ppb
Cadmium	106-1	261.47	261.03	247.23	256.58	3.16	ppb
Cadmium	111-1	253.74	257.05	244.09	251.63	2.68	ppb
Calcium	43-1	26988.54	27837.22	26026.01	26950.59	3.36	ppb
Calcium	44-1	26377.05	27450.35	25835.50	26554.30	3.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	237.59	236.11	242.83	238.84	1.48	ppb
Cobalt	59-2	239.86	234.86	246.38	240.37	2.40	ppb
Copper	63-2	2440.88	2464.12	2576.11	2493.70	2.90	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				102		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	54-2	12303.60	12363.49	12638.75	12435.28	1.44	ppb
Iron	56-2	12737.53	12488.03	12751.80	12659.12	1.17	ppb
Iron	57-2	12089.35	12164.38	12440.22	12231.32	1.51	ppb
Krypton	83-1						cps
Lead	206-1	1227.43	1266.61	1213.80	1235.95	2.22	ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 16:28:42	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1222.83	1276.07	1214.83	1237.91	2.69	ppb
Lead	208-1	1220.65	1262.59	1198.40	1227.21	2.66	ppb
Lithium	6-1				101		%
Magnesium	24-2	25402.36	25251.55	26781.91	25811.94	3.27	ppb
Manganese	55-2	2472.89	2529.98	2531.69	2511.52	1.33	ppb
Molybdenum	94-1	2504.35	2463.43	2415.83	2461.20	1.80	ppb
Molybdenum	95-1	2533.89	2451.41	2436.43	2473.91	2.12	ppb
Molybdenum	96-1	2533.02	2489.95	2433.65	2485.54	2.00	ppb
Molybdenum	97-1	2487.81	2456.42	2374.99	2439.74	2.39	ppb
Molybdenum	98-1	2736.13	2720.42	2622.77	2693.11	2.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	251.34	249.38	259.11	253.28	2.03	ppb
Phosphorus	31-2	4842.83	5019.63	5106.81	4989.76	2.70	ppb
Potassium	39-2	12186.38	11885.24	12690.02	12253.88	3.32	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	82-1	254.80	251.26	246.32	250.79	1.70	ppb
Selenium	77-2	232.22	236.68	276.37	248.42	9.78	ppb
Selenium	78-2	256.01	237.35	267.58	253.65	6.01	ppb
Silicon	28-1	261.03	264.73	248.21	257.99	3.36	ppb
Silver	107-1	268.80	267.15	254.08	263.34	3.06	ppb
Silver	109-1	269.63	274.72	254.48	266.28	3.95	ppb
Sodium	23-2	23756.91	24537.11	25334.64	24542.89	3.21	ppb
Strontium	86-1	6164.40	6250.89	5952.59	6122.63	2.51	ppb
Strontium	88-1	6258.17	6294.55	6000.89	6184.54	2.59	ppb
Sulfur	34-1	5713.65	6038.89	4907.72	5553.42	10.49	ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	246.72	252.96	241.54	247.07	2.31	ppb
Thallium	205-1	245.48	255.69	240.82	247.33	3.07	ppb
Tin	118-1	261.74	254.47	244.68	253.63	3.38	ppb
Titanium	47-1	2714.60	2786.09	2640.98	2713.89	2.67	ppb
Uranium	238-1	236.29	248.67	232.26	239.07	3.58	ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 16:28:42	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	234.43	234.17	242.56	237.06	2.01	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				103		%
Zinc	66-2	2395.67	2399.67	2465.59	2420.31	1.62	ppb
Zirconium	90-1	249.45	250.65	239.47	246.52	2.49	ppb
Zirconium	91-1	233.96	240.80	229.64	234.80	2.40	ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 16:31:44	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9667.78	9779.76	9644.24	9697.26	0.75	ppb
Antimony	121-1	491.40	487.87	513.34	497.54	2.77	ppb
Arsenic	75-2	494.79	503.52	497.22	498.51	0.90	ppb
Barium	135-1	2492.26	2456.95	2506.97	2485.39	1.03	ppb
Barium	137-1	2504.38	2407.40	2482.79	2464.86	2.07	ppb
Beryllium	9-1	489.35	486.04	488.92	488.10	0.37	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Cadmium	108-1	495.08	493.74	510.80	499.87	1.90	ppb
Cadmium	106-1	493.65	488.20	512.72	498.19	2.58	ppb
Cadmium	111-1	485.68	480.12	497.25	487.68	1.79	ppb
Calcium	43-1	56320.71	55462.66	55778.95	55854.11	0.78	ppb
Calcium	44-1	52583.09	52129.20	52541.88	52418.06	0.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	465.13	473.57	473.03	470.58	1.00	ppb
Cobalt	59-2	495.97	493.08	510.17	499.74	1.83	ppb
Copper	63-2	4900.23	5014.19	4972.31	4962.24	1.16	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				105		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	54-2	25527.58	26074.63	25393.87	25665.36	1.41	ppb
Iron	56-2	24884.08	25012.64	25192.28	25029.67	0.62	ppb
Iron	57-2	23921.02	24268.93	24132.52	24107.49	0.73	ppb
Krypton	83-1						cps
Lead	206-1	2467.37	2389.89	2527.52	2461.60	2.80	ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 16:31:44	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2450.70	2406.12	2486.28	2447.70	1.64	ppb
Lead	208-1	2452.15	2391.36	2484.01	2442.50	1.93	ppb
Lithium	6-1				103		%
Magnesium	24-2	50618.91	49881.03	50373.24	50291.06	0.75	ppb
Manganese	55-2	4943.63	4946.48	4991.42	4960.51	0.54	ppb
Molybdenum	94-1	4854.68	4716.56	4862.20	4811.15	1.70	ppb
Molybdenum	95-1	4856.19	4731.45	4925.93	4837.86	2.04	ppb
Molybdenum	96-1	4839.33	4763.59	4993.83	4865.58	2.41	ppb
Molybdenum	97-1	4801.58	4702.41	4906.30	4803.43	2.12	ppb
Molybdenum	98-1	5320.52	5245.83	5438.70	5335.02	1.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	490.38	500.97	499.05	496.80	1.14	ppb
Phosphorus	31-2	9839.87	9893.51	9809.63	9847.67	0.43	ppb
Potassium	39-2	23525.93	24760.15	24359.62	24215.24	2.60	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	498.80	481.01	496.52	492.11	1.97	ppb
Selenium	77-2	492.35	514.31	540.02	515.56	4.63	ppb
Selenium	78-2	495.82	498.67	505.24	499.91	0.97	ppb
Silicon	28-1	492.01	496.79	522.68	503.83	3.28	ppb
Silver	107-1	498.69	497.22	511.00	502.30	1.51	ppb
Silver	109-1	510.04	496.72	510.72	505.83	1.56	ppb
Sodium	23-2	48852.23	49461.70	49850.41	49388.12	1.02	ppb
Strontium	86-1	12328.66	12023.81	12293.12	12215.20	1.36	ppb
Strontium	88-1	12306.20	12036.66	12308.26	12217.04	1.28	ppb
Sulfur	34-1	10687.89	10269.41	11205.89	10721.07	4.38	ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	488.99	478.05	509.68	492.24	3.26	ppb
Thallium	205-1	481.70	483.15	494.41	486.42	1.43	ppb
Tin	118-1	488.77	496.57	503.10	496.15	1.45	ppb
Titanium	47-1	5185.70	5181.90	5406.28	5257.96	2.44	ppb
Uranium	238-1	482.08	472.49	492.43	482.33	2.07	ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 16:31:44	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	466.17	473.15	465.83	468.38	0.88	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	4909.21	4903.17	5089.09	4967.16	2.13	ppb
Zirconium	90-1	482.88	477.01	485.70	481.87	0.92	ppb
Zirconium	91-1	486.75	479.44	496.56	487.59	1.76	ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 16:34:48	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20231.77	20290.09	19977.28	20166.38	0.82	ppb
Antimony	121-1	1056.14	1024.81	920.85	1000.60	7.08	ppb
Arsenic	75-2	995.45	1021.30	978.10	998.28	2.18	ppb
Barium	135-1	5337.92	5087.64	4585.31	5003.62	7.66	ppb
Barium	137-1	5341.72	5070.28	4624.94	5012.31	7.22	ppb
Beryllium	9-1	1044.52	1040.29	928.54	1004.45	6.55	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Cadmium	108-1	1063.42	1022.36	905.87	997.22	8.20	ppb
Cadmium	106-1	1057.29	1021.03	917.54	998.62	7.26	ppb
Cadmium	111-1	1063.37	1042.05	910.04	1005.15	8.26	ppb
Calcium	43-1	122898.32	117957.81	106904.28	115920.14	7.06	ppb
Calcium	44-1	114722.41	112173.33	101181.87	109359.20	6.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1023.84	1046.10	983.52	1017.82	3.12	ppb
Cobalt	59-2	1005.12	1016.61	986.25	1002.66	1.53	ppb
Copper	63-2	9988.32	10208.47	9839.19	10011.99	1.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				108		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	54-2	51837.90	53159.45	51188.94	52062.10	1.93	ppb
Iron	56-2	50969.27	51594.93	49747.56	50770.59	1.85	ppb
Iron	57-2	52400.36	52814.34	51176.01	52130.24	1.63	ppb
Krypton	83-1						cps
Lead	206-1	5206.22	5126.45	4735.28	5022.65	5.02	ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 16:34:48	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	5204.05	5178.82	4703.55	5028.80	5.61	ppb
Lead	208-1	5230.06	5162.02	4711.89	5034.66	5.59	ppb
Lithium	6-1				98		%
Magnesium	24-2	101029.59	103448.68	99952.59	101476.95	1.76	ppb
Manganese	55-2	10102.00	10207.13	9732.68	10013.94	2.49	ppb
Molybdenum	94-1	10515.42	10474.99	9321.84	10104.08	6.71	ppb
Molybdenum	95-1	10468.22	10520.08	9269.38	10085.89	7.02	ppb
Molybdenum	96-1	10354.98	10441.08	9412.09	10069.38	5.67	ppb
Molybdenum	97-1	10488.07	10437.90	9413.59	10113.19	6.00	ppb
Molybdenum	98-1	11442.65	11448.75	10401.97	11097.79	5.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	994.62	1014.16	990.56	999.78	1.26	ppb
Phosphorus	31-2	19868.25	20511.47	19844.50	20074.74	1.88	ppb
Potassium	39-2	48510.77	50561.92	48098.06	49056.91	2.69	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	82-1	1049.01	1038.72	920.08	1002.61	7.15	ppb
Selenium	77-2	975.06	1006.28	994.28	991.87	1.59	ppb
Selenium	78-2	983.62	1024.83	983.19	997.21	2.40	ppb
Silicon	28-1	1057.64	1007.63	917.80	994.36	7.13	ppb
Silver	107-1	1061.95	1014.34	909.13	995.14	7.86	ppb
Silver	109-1	1061.04	1007.17	909.32	992.51	7.75	ppb
Sodium	23-2	100816.00	100837.63	99805.65	100486.43	0.59	ppb
Strontium	86-1	26048.46	26173.07	23250.39	25157.31	6.57	ppb
Strontium	88-1	25912.64	26296.62	23207.85	25139.04	6.70	ppb
Sulfur	34-1	21199.57	20094.93	16934.63	19409.71	11.40	ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	1054.53	1026.74	934.02	1005.09	6.28	ppb
Thallium	205-1	1041.42	1037.69	943.60	1007.57	5.50	ppb
Tin	118-1	1058.22	1029.85	915.26	1001.11	7.56	ppb
Titanium	47-1	11624.78	11419.54	10338.37	11127.56	6.21	ppb
Uranium	238-1	1064.62	1037.34	933.78	1011.92	6.82	ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 16:34:48	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	1012.52	1035.23	1010.94	1019.57	1.33	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				106		%
Zinc	66-2	9990.35	10184.85	9930.62	10035.27	1.32	ppb
Zirconium	90-1	1056.26	1037.30	935.93	1009.83	6.41	ppb
Zirconium	91-1	1062.22	1039.88	929.97	1010.69	7.00	ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 16:37:50	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98869.17	99171.75	101942.44	99994.45	1.69	ppb
Antimony	121-1	1.31	1.32	1.32	1.32	0.55	ppb
Arsenic	75-2	1.07	1.30	1.41	1.26	13.84	ppb
Barium	135-1	5.14	5.18	4.86	5.06	3.47	ppb
Barium	137-1	5.01	4.90	4.90	4.94	1.33	ppb
Beryllium	9-1	0.82	0.79	0.81	0.81	1.89	ppb
Bismuth	209-1				91		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Cadmium	108-1	1.38	1.22	1.07	1.22	12.65	ppb
Cadmium	106-1	-1.77	-1.07	-2.83	-1.89		ppb
Cadmium	111-1	0.73	0.73	0.67	0.71	4.86	ppb
Calcium	43-1	489056.24	512036.21	487207.61	496100.02	2.79	ppb
Calcium	44-1	491153.03	514822.62	487373.65	497783.10	2.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14.13	14.14	14.12	14.13	0.07	ppb
Cobalt	59-2	2.86	3.00	2.95	2.93	2.42	ppb
Copper	63-2	7.65	9.21	9.02	8.62	9.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				105		%
Indium	115-1				97		%
Indium	115-2				105		%
Iron	54-2	249315.55	251618.10	247624.94	249519.53	0.80	ppb
Iron	56-2	249365.14	251680.10	248441.08	249828.77	0.67	ppb
Iron	57-2	251034.27	251802.21	246189.13	249675.20	1.22	ppb
Krypton	83-1						cps
Lead	206-1	5.07	4.93	4.87	4.96	2.08	ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 16:37:50	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	5.19	4.90	4.71	4.93	4.90	ppb
Lead	208-1	4.96	4.86	4.79	4.87	1.68	ppb
Lithium	6-1				95		%
Magnesium	24-2	499778.77	502658.97	496409.43	499615.73	0.63	ppb
Manganese	55-2	10.60	12.30	11.88	11.59	7.64	ppb
Molybdenum	94-1	10.45	10.23	9.53	10.07	4.78	ppb
Molybdenum	95-1	10.45	10.49	8.98	9.97	8.64	ppb
Molybdenum	96-1	10.83	10.58	9.34	10.25	7.77	ppb
Molybdenum	97-1	10.57	10.02	9.19	9.93	6.99	ppb
Molybdenum	98-1	11.74	10.73	10.06	10.84	7.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.90	12.42	11.94	12.09	2.37	ppb
Phosphorus	31-2	-3.12	11.39	1.14	3.14	237.72	ppb
Potassium	39-2	247551.54	251114.63	252188.74	250284.97	0.97	ppb
Rhodium	103-1				91		%
Rhodium	103-2				93		%
Scandium	45-1				99		%
Scandium	45-2				104		%
Selenium	82-1	1.32	0.24	1.73	1.10	70.50	ppb
Selenium	77-2	2.44	1.64	2.43	2.17	21.04	ppb
Selenium	78-2	1.54	0.39	1.99	1.31	63.06	ppb
Silicon	28-1	61.07	78.55	70.61	70.08	12.49	ppb
Silver	107-1	0.72	0.75	0.68	0.72	5.15	ppb
Silver	109-1	0.77	0.75	0.70	0.74	4.83	ppb
Sodium	23-2	500017.27	509969.34	489954.11	499980.24	2.00	ppb
Strontium	86-1	20.56	20.07	17.83	19.49	7.47	ppb
Strontium	88-1	20.16	20.35	18.46	19.66	5.31	ppb
Sulfur	34-1	-1075.31	-786.24	-1415.95	-1092.50		ppb
Terbium	159-1				101		%
Terbium	159-2				105		%
Thallium	203-1	0.85	0.80	0.78	0.81	4.10	ppb
Thallium	205-1	0.86	0.77	0.74	0.79	7.77	ppb
Tin	118-1	1.33	1.27	1.27	1.29	2.95	ppb
Titanium	47-1	9.00	8.69	8.05	8.58	5.65	ppb
Uranium	238-1	0.81	0.77	0.71	0.76	6.69	ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 16:37:50	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.99	1.03	1.07	1.03	3.98	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				107		%
Zinc	66-2	9.70	10.82	10.97	10.50	6.61	ppb
Zirconium	90-1	1.09	1.15	1.05	1.10	4.20	ppb
Zirconium	91-1	1.14	1.16	1.07	1.12	4.40	ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 16:52:07	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	497.70	504.46	519.48	507.22	2.20	ppb
Antimony	121-1	196.28	218.16	192.13	202.19	6.92	ppb
Arsenic	75-2	200.97	205.55	207.15	204.55	1.57	ppb
Barium	135-1	99.99	105.98	98.83	101.60	3.77	ppb
Barium	137-1	101.22	106.41	98.49	102.04	3.94	ppb
Beryllium	9-1	99.38	106.66	97.52	101.19	4.78	ppb
Bismuth	209-1				101		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Cadmium	108-1	172.24	189.56	171.72	177.84	5.71	ppb
Cadmium	106-1	176.04	188.94	173.21	179.40	4.68	ppb
Cadmium	111-1	104.55	112.11	102.99	106.55	4.58	ppb
Calcium	43-1	2142.47	2251.01	2094.87	2162.78	3.70	ppb
Calcium	44-1	2010.78	2129.34	1986.83	2042.32	3.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	95.84	96.73	101.09	97.89	2.87	ppb
Cobalt	59-2	97.04	98.43	101.78	99.09	2.45	ppb
Copper	63-2	97.48	98.98	102.80	99.76	2.75	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				100		%
Holmium	165-2				108		%
Indium	115-1				102		%
Indium	115-2				107		%
Iron	54-2	2025.57	2012.44	2076.22	2038.08	1.65	ppb
Iron	56-2	1992.21	2047.79	2082.61	2040.87	2.23	ppb
Iron	57-2	1918.74	1950.82	1994.93	1954.83	1.96	ppb
Krypton	83-1						cps
Lead	206-1	201.73	207.34	196.69	201.92	2.64	ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 16:52:07	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	194.87	201.69	193.43	196.66	2.24	ppb
Lead	208-1	201.36	206.58	197.09	201.68	2.36	ppb
Lithium	6-1				104		%
Magnesium	24-2	1132.24	1134.39	1179.07	1148.56	2.30	ppb
Manganese	55-2	94.96	95.77	99.42	96.72	2.46	ppb
Molybdenum	94-1	4441.48	4663.05	4466.65	4523.73	2.68	ppb
Molybdenum	95-1	4385.39	4621.68	4442.20	4483.09	2.75	ppb
Molybdenum	96-1	4451.60	4734.11	4510.33	4565.35	3.27	ppb
Molybdenum	97-1	4391.22	4577.87	4426.42	4465.17	2.22	ppb
Molybdenum	98-1	4818.50	5066.85	4840.71	4908.69	2.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	102.87	102.12	107.87	104.29	3.00	ppb
Phosphorus	31-2	-18.10	-42.66	0.15	-20.20		ppb
Potassium	39-2	1837.04	1844.05	1918.13	1866.41	2.41	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				101		%
Scandium	45-2				105		%
Selenium	82-1	203.60	215.00	205.90	208.17	2.90	ppb
Selenium	77-2	200.93	219.00	212.01	210.65	4.33	ppb
Selenium	78-2	205.72	206.95	221.08	211.25	4.04	ppb
Silicon	28-1	195.77	205.47	191.50	197.58	3.62	ppb
Silver	107-1	50.25	53.54	49.95	51.24	3.88	ppb
Silver	109-1	50.59	54.29	50.50	51.79	4.18	ppb
Sodium	23-2	1919.13	1919.08	2003.12	1947.11	2.49	ppb
Strontium	86-1	498.96	523.25	496.20	506.14	2.94	ppb
Strontium	88-1	527.89	546.73	518.93	531.18	2.67	ppb
Sulfur	34-1	-602.55	-175.07	-1067.06	-614.89		ppb
Terbium	159-1				101		%
Terbium	159-2				108		%
Thallium	203-1	197.23	205.94	197.03	200.06	2.54	ppb
Thallium	205-1	207.70	213.21	203.81	208.24	2.27	ppb
Tin	118-1	534.76	568.53	518.07	540.45	4.76	ppb
Titanium	47-1	4869.04	5115.45	4776.76	4920.42	3.56	ppb
Uranium	238-1	527.20	541.96	517.57	528.91	2.32	ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 16:52:07	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	93.30	92.04	95.83	93.72	2.06	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				107		%
Zinc	66-2	192.57	191.50	198.18	194.08	1.85	ppb
Zirconium	90-1	504.78	521.55	492.09	506.14	2.92	ppb
Zirconium	91-1	503.63	532.18	489.84	508.55	4.25	ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 17:08:47	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.26	17.82	20.04	19.71	8.84	ppb
Antimony	121-1	1.85	1.87	1.87	1.86	0.65	ppb
Arsenic	75-2	1.02	1.13	1.09	1.08	5.21	ppb
Barium	135-1	9.17	9.13	9.36	9.22	1.31	ppb
Barium	137-1	9.26	9.18	9.39	9.28	1.15	ppb
Beryllium	9-1	0.99	1.04	0.94	0.99	5.09	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Cadmium	108-1	0.64	1.05	0.78	0.83	25.25	ppb
Cadmium	106-1	-4.24	-4.45	-5.15	-4.61		ppb
Cadmium	111-1	1.06	0.98	1.00	1.01	4.29	ppb
Calcium	43-1	440.59	451.07	458.60	450.09	2.01	ppb
Calcium	44-1	443.25	445.20	448.73	445.73	0.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.89	1.84	1.89	1.87	1.42	ppb
Cobalt	59-2	0.95	0.92	1.05	0.97	7.25	ppb
Copper	63-2	1.90	1.84	1.90	1.88	1.79	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				103		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	54-2	50.83	46.70	50.11	49.22	4.48	ppb
Iron	56-2	48.90	46.93	49.64	48.49	2.90	ppb
Iron	57-2	45.54	47.06	48.32	46.97	2.96	ppb
Krypton	83-1						cps
Lead	206-1	0.86	0.97	0.91	0.91	6.21	ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 17:08:47	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.94	0.95	0.94	0.95	0.64	ppb
Lead	208-1	0.91	0.94	0.92	0.92	1.86	ppb
Lithium	6-1				107		%
Magnesium	24-2	489.53	465.02	492.11	482.22	3.10	ppb
Manganese	55-2	0.88	0.91	1.04	0.94	8.79	ppb
Molybdenum	94-1	5.03	5.02	4.91	4.99	1.36	ppb
Molybdenum	95-1	4.19	4.26	4.19	4.21	1.00	ppb
Molybdenum	96-1	4.39	4.24	4.19	4.27	2.39	ppb
Molybdenum	97-1	4.23	4.42	4.13	4.26	3.48	ppb
Molybdenum	98-1	4.58	4.62	4.45	4.55	1.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.97	0.96	1.01	0.98	2.69	ppb
Phosphorus	31-2	-1.53	5.13	19.08	7.56	139.15	ppb
Potassium	39-2	467.07	446.41	475.69	463.06	3.25	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	4.79	5.27	6.03	5.36	11.70	ppb
Selenium	77-2	5.15	4.95	4.34	4.81	8.73	ppb
Selenium	78-2	5.65	7.50	3.49	5.55	36.20	ppb
Silicon	28-1	1.83	2.17	1.93	1.98	8.90	ppb
Silver	107-1	0.90	0.90	0.92	0.91	1.36	ppb
Silver	109-1	0.91	0.92	0.96	0.93	3.11	ppb
Sodium	23-2	493.45	461.04	496.51	483.67	4.06	ppb
Strontium	86-1	0.82	0.95	0.91	0.90	7.13	ppb
Strontium	88-1	0.93	0.94	0.92	0.93	0.88	ppb
Sulfur	34-1	-76.31	-8.60	-68.42	-51.11		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.88	0.91	0.89	0.89	1.32	ppb
Thallium	205-1	0.90	0.91	0.88	0.90	1.19	ppb
Tin	118-1	4.32	4.32	4.37	4.33	0.71	ppb
Titanium	47-1	4.48	4.48	4.55	4.50	0.91	ppb
Uranium	238-1	0.85	0.87	0.86	0.86	1.31	ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 17:08:47	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.56	4.14	4.95	4.55	8.96	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	5.18	4.30	4.85	4.78	9.31	ppb
Zirconium	90-1	0.87	0.87	0.87	0.87	0.32	ppb
Zirconium	91-1	0.81	0.88	0.89	0.86	5.02	ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 17:16:16	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.45	-0.35	-0.43	-0.41		ppb
Antimony	121-1	0.01	0.01	0.01	0.01	22.20	ppb
Arsenic	75-2	0.00	0.00	-0.02	-0.01		ppb
Barium	135-1	0.00	0.02	0.00	0.00	235.01	ppb
Barium	137-1	0.01	0.01	0.01	0.01	39.45	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	20.60	ppb
Bismuth	209-1				101		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Cadmium	108-1	0.13	-0.10	-0.06	-0.01		ppb
Cadmium	106-1	-3.53	-4.48	-4.40	-4.14		ppb
Cadmium	111-1	-0.05	-0.05	-0.05	-0.05		ppb
Calcium	43-1	-3.44	-1.88	-4.28	-3.20		ppb
Calcium	44-1	-3.11	-3.71	-2.05	-2.96		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.04	0.02	-0.01		ppb
Cobalt	59-2	-0.02	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.07	-0.07	-0.10	-0.08		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				105		%
Iron	54-2	1.01	-0.03	-0.19	0.26	248.95	ppb
Iron	56-2	-0.13	-0.13	-0.05	-0.11		ppb
Iron	57-2	-0.01	1.20	0.43	0.54	112.42	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.02	0.02	0.02	12.63	ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 17:16:16	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.02	0.03	0.02	0.02	38.61	ppb
Lead	208-1	0.03	0.03	0.02	0.02	25.21	ppb
Lithium	6-1				109		%
Magnesium	24-2	0.89	0.68	0.96	0.84	17.30	ppb
Manganese	55-2	0.04	0.01	0.00	0.02	95.07	ppb
Molybdenum	94-1	0.04	0.04	0.03	0.04	22.74	ppb
Molybdenum	95-1	0.02	0.03	0.02	0.02	41.01	ppb
Molybdenum	96-1	0.02	0.03	0.02	0.02	46.78	ppb
Molybdenum	97-1	0.02	0.03	0.01	0.02	43.46	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	9.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	0.09	0.02	0.06	62.90	ppb
Phosphorus	31-2	-6.25	-29.69	-30.73	-22.22		ppb
Potassium	39-2	7.91	11.57	7.99	9.16	22.84	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	0.55	0.98	0.32	0.62	54.16	ppb
Selenium	77-2	0.00	0.84	0.00	0.28	173.21	ppb
Selenium	78-2	-0.51	-1.25	0.20	-0.52		ppb
Silicon	28-1	-0.62	-0.17	-0.63	-0.47		ppb
Silver	107-1	0.00	0.01	0.00	0.00	114.05	ppb
Silver	109-1	0.00	0.00	0.01	0.00	71.68	ppb
Sodium	23-2	5.52	3.72	1.66	3.64	53.08	ppb
Strontium	86-1	-0.02	-0.01	-0.05	-0.03		ppb
Strontium	88-1	-0.01	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-284.98	225.23	-91.63	-50.46		ppb
Terbium	159-1				101		%
Terbium	159-2				104		%
Thallium	203-1	0.00	0.01	0.00	0.00	25.14	ppb
Thallium	205-1	0.00	0.01	0.00	0.01	42.80	ppb
Tin	118-1	-0.02	-0.04	-0.03	-0.03		ppb
Titanium	47-1	0.00	0.02	0.00	0.01	169.45	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 17:16:16	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.02	0.00	0.01	159.06	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				103		%
Zinc	66-2	-0.09	-0.13	-0.14	-0.12		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	655.52	ppb
Zirconium	91-1	0.01	0.03	0.01	0.02	88.42	ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 17:19:37	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	103146.13	97952.63	97416.47	99505.08	3.18	ppb
Antimony	121-1	1.05	1.04	1.11	1.07	3.66	ppb
Arsenic	75-2	0.39	0.27	0.35	0.34	18.42	ppb
Barium	135-1	1.33	1.39	1.57	1.43	8.70	ppb
Barium	137-1	1.37	1.39	1.46	1.41	3.45	ppb
Beryllium	9-1	0.25	0.29	0.30	0.28	8.47	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	14.47	12.50	15.04	14.00	9.52	ppb
Cadmium	106-1	-3.90	-4.31	-4.65	-4.29		ppb
Cadmium	111-1	0.47	0.54	0.48	0.50	8.03	ppb
Calcium	43-1	98555.28	98621.64	99500.24	98892.38	0.53	ppb
Calcium	44-1	96096.87	97084.63	98064.81	97082.10	1.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.82	19.69	19.12	19.54	1.92	ppb
Cobalt	59-2	1.22	1.15	1.14	1.17	3.69	ppb
Copper	63-2	7.94	7.74	7.51	7.73	2.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	54-2	106445.64	102803.53	99677.35	102975.51	3.29	ppb
Iron	56-2	103364.97	101272.03	98788.30	101141.77	2.27	ppb
Iron	57-2	106570.52	100755.40	98265.41	101863.78	4.18	ppb
Krypton	83-1						cps
Lead	206-1	6.42	5.60	5.58	5.87	8.22	ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 17:19:37	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	5.92	5.24	5.29	5.48	6.90	ppb
Lead	208-1	6.04	5.35	5.37	5.59	7.05	ppb
Lithium	6-1				98		%
Magnesium	24-2	100170.75	94170.22	93412.74	95917.90	3.86	ppb
Manganese	55-2	7.97	7.66	7.45	7.69	3.39	ppb
Molybdenum	94-1	1417.51	1423.78	1525.38	1455.56	4.16	ppb
Molybdenum	95-1	1696.63	1696.12	1847.28	1746.67	4.99	ppb
Molybdenum	96-1	1653.43	1688.88	1818.55	1720.29	5.05	ppb
Molybdenum	97-1	1660.73	1729.26	1806.33	1732.11	4.21	ppb
Molybdenum	98-1	1849.68	1890.05	2005.58	1915.11	4.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.23	5.46	5.27	5.32	2.28	ppb
Phosphorus	31-2	101862.43	99715.00	97314.05	99630.49	2.28	ppb
Potassium	39-2	100152.51	97274.90	93296.56	96907.99	3.55	ppb
Rhodium	103-1				98		%
Rhodium	103-2				94		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	82-1	0.42	0.63	0.26	0.44	41.70	ppb
Selenium	77-2	0.00	0.00	0.85	0.28	173.21	ppb
Selenium	78-2	0.06	0.25	1.20	0.50	121.48	ppb
Silicon	28-1	9.44	9.01	9.69	9.38	3.67	ppb
Silver	107-1	0.02	0.02	0.03	0.02	19.40	ppb
Silver	109-1	0.02	0.03	0.03	0.03	15.10	ppb
Sodium	23-2	105237.31	99839.88	98139.04	101072.08	3.67	ppb
Strontium	86-1	31.43	31.38	34.14	32.32	4.88	ppb
Strontium	88-1	31.69	31.94	34.42	32.68	4.62	ppb
Sulfur	34-1	90343.89	90048.96	90444.98	90279.28	0.23	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.10	0.10	0.09	0.10	7.72	ppb
Thallium	205-1	0.10	0.10	0.10	0.10	2.77	ppb
Tin	118-1	0.15	0.27	0.20	0.21	28.46	ppb
Titanium	47-1	2007.76	2002.79	1995.88	2002.14	0.30	ppb
Uranium	238-1	0.01	0.01	0.02	0.02	13.98	ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 17:19:37	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.19	0.13	0.17	0.16	19.11	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	10.88	11.47	10.48	10.94	4.58	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	15.95	ppb
Zirconium	91-1	0.02	0.02	0.03	0.02	15.90	ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 17:22:48	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	101686.05	100479.35	98477.09	100214.16	1.62	ppb
Antimony	121-1	20.52	19.83	20.94	20.43	2.75	ppb
Arsenic	75-2	21.72	21.06	21.26	21.35	1.57	ppb
Barium	135-1	20.67	20.58	21.17	20.81	1.54	ppb
Barium	137-1	21.07	20.65	21.26	20.99	1.49	ppb
Beryllium	9-1	20.53	20.16	21.06	20.58	2.18	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	34.99	33.20	35.17	34.45	3.16	ppb
Cadmium	106-1	19.86	19.50	22.19	20.52	7.12	ppb
Cadmium	111-1	19.56	19.52	20.41	19.83	2.54	ppb
Calcium	43-1	98868.16	96333.91	97025.21	97409.09	1.34	ppb
Calcium	44-1	97528.80	93569.56	97663.21	96253.86	2.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.62	40.20	38.96	39.93	2.15	ppb
Cobalt	59-2	21.69	21.41	21.03	21.38	1.53	ppb
Copper	63-2	28.33	27.77	27.60	27.90	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				104		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	54-2	105378.72	106117.53	100763.65	104086.63	2.79	ppb
Iron	56-2	106077.86	103967.97	103789.67	104611.83	1.22	ppb
Iron	57-2	107557.79	104111.73	103304.42	104991.31	2.15	ppb
Krypton	83-1						cps
Lead	206-1	26.67	25.74	27.61	26.67	3.50	ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 17:22:48	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	25.87	24.34	26.64	25.62	4.56	ppb
Lead	208-1	25.80	24.64	26.63	25.69	3.89	ppb
Lithium	6-1				95		%
Magnesium	24-2	97017.50	96235.04	96257.34	96503.30	0.46	ppb
Manganese	55-2	27.68	27.85	26.99	27.51	1.65	ppb
Molybdenum	94-1	1561.96	1515.45	1589.07	1555.49	2.39	ppb
Molybdenum	95-1	1809.69	1740.05	1849.16	1799.63	3.07	ppb
Molybdenum	96-1	1801.68	1669.03	1852.62	1774.44	5.34	ppb
Molybdenum	97-1	1788.83	1724.38	1849.00	1787.40	3.49	ppb
Molybdenum	98-1	2006.04	1911.64	2056.45	1991.38	3.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.88	26.77	25.35	26.34	3.24	ppb
Phosphorus	31-2	101976.72	101048.37	99925.14	100983.41	1.02	ppb
Potassium	39-2	100544.42	100079.93	98577.03	99733.79	1.03	ppb
Rhodium	103-1				100		%
Rhodium	103-2				95		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	82-1	19.79	19.12	21.01	19.97	4.80	ppb
Selenium	77-2	21.41	20.24	21.99	21.21	4.20	ppb
Selenium	78-2	18.74	20.77	20.59	20.03	5.63	ppb
Silicon	28-1	31.72	30.59	32.94	31.75	3.70	ppb
Silver	107-1	18.42	18.27	19.03	18.57	2.17	ppb
Silver	109-1	18.92	18.34	19.23	18.83	2.39	ppb
Sodium	23-2	103118.47	103748.70	101930.07	102932.41	0.90	ppb
Strontium	86-1	78.98	79.38	82.78	80.38	2.60	ppb
Strontium	88-1	87.22	83.30	87.61	86.04	2.77	ppb
Sulfur	34-1	89887.81	86073.21	88791.99	88251.01	2.23	ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	21.34	20.46	22.08	21.29	3.81	ppb
Thallium	205-1	21.51	20.65	22.51	21.56	4.31	ppb
Tin	118-1	48.18	46.81	49.62	48.20	2.91	ppb
Titanium	47-1	2055.20	1980.12	2024.65	2019.99	1.87	ppb
Uranium	238-1	49.16	47.67	51.41	49.41	3.81	ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 17:22:48	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	20.11	20.24	19.78	20.04	1.16	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	30.72	29.45	31.36	30.51	3.18	ppb
Zirconium	90-1	46.36	45.42	47.26	46.35	1.99	ppb
Zirconium	91-1	47.01	45.30	46.46	46.26	1.89	ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 17:26:31	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52807.52	52963.23	52853.88	52874.88	0.15	ppb
Antimony	121-1	490.40	511.52	496.15	499.36	2.19	ppb
Arsenic	75-2	515.57	527.84	505.13	516.18	2.20	ppb
Barium	135-1	2472.77	2623.41	2571.01	2555.73	2.99	ppb
Barium	137-1	2508.79	2651.32	2519.83	2559.98	3.10	ppb
Beryllium	9-1	485.72	510.33	507.92	501.32	2.71	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	482.79	493.31	484.70	486.93	1.15	ppb
Cadmium	106-1	465.84	488.54	485.06	479.81	2.55	ppb
Cadmium	111-1	471.03	484.94	474.01	476.66	1.54	ppb
Calcium	43-1	251626.01	265186.78	258461.05	258424.61	2.62	ppb
Calcium	44-1	248371.68	262526.34	254153.16	255017.06	2.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	510.54	513.62	504.92	509.69	0.87	ppb
Cobalt	59-2	528.25	530.58	520.55	526.46	1.00	ppb
Copper	63-2	5429.34	5461.34	5462.73	5451.14	0.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	54-2	133147.66	133459.47	128589.55	131732.23	2.07	ppb
Iron	56-2	131554.04	133325.69	129928.37	131602.70	1.29	ppb
Iron	57-2	131401.16	133560.17	129643.07	131534.80	1.49	ppb
Krypton	83-1						cps
Lead	206-1	2588.08	2591.87	2573.12	2584.36	0.38	ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 17:26:31	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2584.64	2581.86	2572.39	2579.63	0.25	ppb
Lead	208-1	2552.84	2575.73	2562.71	2563.76	0.45	ppb
Lithium	6-1				97		%
Magnesium	24-2	263272.18	269598.09	262417.51	265095.93	1.48	ppb
Manganese	55-2	5310.67	5276.00	5155.09	5247.25	1.56	ppb
Molybdenum	94-1	4881.47	5068.84	5016.45	4988.92	1.94	ppb
Molybdenum	95-1	4946.64	5231.90	5016.54	5065.03	2.94	ppb
Molybdenum	96-1	4937.83	5183.71	5051.12	5057.55	2.43	ppb
Molybdenum	97-1	4959.27	5035.57	4989.51	4994.78	0.77	ppb
Molybdenum	98-1	5424.22	5591.17	5532.80	5516.06	1.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	515.62	514.79	508.78	513.06	0.73	ppb
Phosphorus	31-2	10765.51	10753.91	10466.12	10661.85	1.59	ppb
Potassium	39-2	127770.70	132395.28	128269.45	129478.48	1.96	ppb
Rhodium	103-1				99		%
Rhodium	103-2				95		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	468.10	475.54	479.88	474.51	1.26	ppb
Selenium	77-2	478.63	496.24	543.08	505.98	6.58	ppb
Selenium	78-2	492.68	529.81	504.50	509.00	3.73	ppb
Silicon	28-1	520.78	542.85	525.10	529.58	2.21	ppb
Silver	107-1	488.06	501.09	489.74	492.96	1.44	ppb
Silver	109-1	487.84	499.21	492.68	493.24	1.16	ppb
Sodium	23-2	262461.78	259415.63	259181.39	260352.93	0.70	ppb
Strontium	86-1	12293.13	12512.57	12493.53	12433.08	0.98	ppb
Strontium	88-1	12575.10	12639.24	12695.22	12636.52	0.48	ppb
Sulfur	34-1	9944.22	10919.44	10276.31	10379.99	4.78	ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	528.55	517.26	515.93	520.58	1.33	ppb
Thallium	205-1	509.84	511.53	514.19	511.85	0.43	ppb
Tin	118-1	490.69	516.43	499.50	502.21	2.60	ppb
Titanium	47-1	5473.75	5630.92	5607.84	5570.84	1.52	ppb
Uranium	238-1	518.67	518.20	521.13	519.33	0.30	ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 17:26:31	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	504.35	519.54	503.84	509.24	1.75	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	5328.78	5359.37	5309.78	5332.64	0.47	ppb
Zirconium	90-1	492.35	504.05	507.69	501.37	1.60	ppb
Zirconium	91-1	495.79	520.79	507.72	508.10	2.46	ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 17:41:49	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.36	2.19	2.27	2.27	3.77	ppb
Antimony	121-1	0.03	0.04	0.05	0.04	20.25	ppb
Arsenic	75-2	0.02	0.02	-0.02	0.01	387.95	ppb
Barium	135-1	0.09	0.11	0.04	0.08	47.86	ppb
Barium	137-1	0.06	0.07	0.06	0.07	10.49	ppb
Beryllium	9-1	0.03	0.06	0.03	0.04	31.21	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Cadmium	108-1	0.00	0.04	-0.06	-0.01		ppb
Cadmium	106-1	-6.98	-6.49	-6.80	-6.76		ppb
Cadmium	111-1	-0.04	-0.06	-0.07	-0.06		ppb
Calcium	43-1	7.11	5.59	6.49	6.40	11.89	ppb
Calcium	44-1	8.02	8.10	6.00	7.37	16.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.06	-0.01	-0.01	0.01	305.42	ppb
Cobalt	59-2	0.01	-0.01	-0.01	0.00		ppb
Copper	63-2	0.14	0.18	0.15	0.16	14.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	54-2	7.08	5.75	4.07	5.63	26.79	ppb
Iron	56-2	5.60	4.38	4.50	4.83	13.92	ppb
Iron	57-2	6.04	4.30	4.53	4.96	19.01	ppb
Krypton	83-1						cps
Lead	206-1	0.17	0.18	0.14	0.16	12.56	ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 17:41:49	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.14	0.14	0.11	0.13	10.90	ppb
Lead	208-1	0.15	0.15	0.13	0.14	10.12	ppb
Lithium	6-1				97		%
Magnesium	24-2	10.14	7.63	7.53	8.43	17.51	ppb
Manganese	55-2	0.11	0.10	0.14	0.12	17.51	ppb
Molybdenum	94-1	0.26	0.25	0.23	0.25	7.42	ppb
Molybdenum	95-1	0.25	0.24	0.18	0.22	16.76	ppb
Molybdenum	96-1	0.25	0.21	0.20	0.22	12.44	ppb
Molybdenum	97-1	0.27	0.22	0.20	0.23	16.97	ppb
Molybdenum	98-1	0.27	0.25	0.22	0.25	9.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.01	-0.01	-0.01		ppb
Phosphorus	31-2	-9.80	4.79	-8.36	-4.46		ppb
Potassium	39-2	25.87	25.41	26.77	26.02	2.65	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	0.30	0.20	0.23	0.24	20.36	ppb
Selenium	77-2	0.86	0.00	0.00	0.29	173.21	ppb
Selenium	78-2	-0.76	-0.78	1.04	-0.16		ppb
Silicon	28-1	-1.55	-0.79	-1.70	-1.34		ppb
Silver	107-1	0.08	0.06	0.05	0.06	21.36	ppb
Silver	109-1	0.05	0.06	0.06	0.06	5.77	ppb
Sodium	23-2	28.26	23.14	27.06	26.15	10.24	ppb
Strontium	86-1	0.32	0.36	0.29	0.32	9.63	ppb
Strontium	88-1	0.37	0.35	0.30	0.34	10.51	ppb
Sulfur	34-1	-629.86	-217.45	-900.76	-582.69		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.08	0.08	0.08	0.08	1.83	ppb
Thallium	205-1	0.08	0.08	0.08	0.08	3.42	ppb
Tin	118-1	-0.04	-0.01	-0.01	-0.02		ppb
Titanium	47-1	0.25	0.18	0.22	0.22	15.00	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	11.29	ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 17:41:49	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.00	0.01	0.01	51.57	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	0.13	-0.02	0.15	0.09	102.54	ppb
Zirconium	90-1	0.02	0.03	0.02	0.02	14.25	ppb
Zirconium	91-1	0.04	0.05	0.04	0.04	18.33	ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 18:00:06	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.40	18.20	18.22	18.61	3.67	ppb
Antimony	121-1	1.90	1.88	1.83	1.87	1.89	ppb
Arsenic	75-2	1.03	0.93	1.16	1.04	10.85	ppb
Barium	135-1	9.18	9.35	9.21	9.25	1.00	ppb
Barium	137-1	9.19	9.43	9.29	9.30	1.30	ppb
Beryllium	9-1	1.02	0.97	0.98	0.99	2.48	ppb
Bismuth	209-1				103		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Cadmium	108-1	0.89	0.54	0.89	0.77	26.14	ppb
Cadmium	106-1	-4.23	-3.48	-3.05	-3.59		ppb
Cadmium	111-1	0.88	0.92	0.85	0.88	4.10	ppb
Calcium	43-1	455.91	465.84	457.79	459.85	1.15	ppb
Calcium	44-1	451.77	455.89	451.70	453.12	0.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.87	1.92	1.78	1.86	3.95	ppb
Cobalt	59-2	1.00	1.02	1.04	1.02	1.65	ppb
Copper	63-2	1.89	2.02	1.92	1.94	3.44	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				102		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				105		%
Iron	54-2	50.82	50.44	48.53	49.93	2.46	ppb
Iron	56-2	48.53	47.94	48.56	48.35	0.72	ppb
Iron	57-2	48.48	47.16	49.75	48.46	2.67	ppb
Krypton	83-1						cps
Lead	206-1	0.97	0.94	0.92	0.94	2.66	ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 18:00:06	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.00	0.98	0.95	0.98	2.29	ppb
Lead	208-1	0.95	0.93	0.91	0.93	2.30	ppb
Lithium	6-1				102		%
Magnesium	24-2	493.48	482.89	489.73	488.70	1.10	ppb
Manganese	55-2	0.95	0.92	0.92	0.93	1.99	ppb
Molybdenum	94-1	5.00	4.85	4.85	4.90	1.75	ppb
Molybdenum	95-1	4.07	4.02	3.83	3.97	3.25	ppb
Molybdenum	96-1	4.16	4.18	4.01	4.12	2.22	ppb
Molybdenum	97-1	3.86	3.92	4.01	3.93	1.91	ppb
Molybdenum	98-1	4.41	4.42	4.37	4.40	0.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.89	1.04	0.92	0.95	8.30	ppb
Phosphorus	31-2	-1.41	20.98	17.74	12.44	97.31	ppb
Potassium	39-2	469.74	466.25	472.43	469.47	0.66	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	6.56	5.24	4.87	5.55	15.95	ppb
Selenium	77-2	8.33	6.75	3.37	6.15	41.21	ppb
Selenium	78-2	3.77	3.83	6.00	4.53	28.09	ppb
Silicon	28-1	0.92	0.89	0.92	0.91	1.62	ppb
Silver	107-1	0.94	0.96	0.96	0.95	0.74	ppb
Silver	109-1	0.93	0.93	0.92	0.93	0.99	ppb
Sodium	23-2	486.59	481.56	489.53	485.89	0.83	ppb
Strontium	86-1	0.93	0.93	0.83	0.90	6.01	ppb
Strontium	88-1	0.95	0.89	0.89	0.91	4.08	ppb
Sulfur	34-1	-72.96	-213.69	-227.38	-171.34		ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	0.94	0.98	0.91	0.94	3.44	ppb
Thallium	205-1	0.96	0.95	0.93	0.94	1.32	ppb
Tin	118-1	4.38	4.30	4.36	4.35	0.85	ppb
Titanium	47-1	4.46	4.66	4.49	4.53	2.37	ppb
Uranium	238-1	0.86	0.85	0.83	0.85	1.64	ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 18:00:06	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.58	4.60	4.52	4.57	0.88	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	5.17	5.01	4.75	4.98	4.24	ppb
Zirconium	90-1	0.90	0.87	0.84	0.87	3.59	ppb
Zirconium	91-1	0.80	0.83	0.88	0.84	4.61	ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	P2252-10	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 18:09:38	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	82038.88	82401.69	86649.97	83696.85	3.06	ppb
Antimony	121-1	298.79	320.51	313.89	311.06	3.58	ppb
Arsenic	75-2	3034.67	2759.84	3077.77	2957.43	5.83	ppb
Barium	135-1	7446.39	8051.17	7828.56	7775.37	3.93	ppb
Barium	137-1	7531.25	8086.71	7807.31	7808.43	3.56	ppb
Beryllium	9-1	178.46	177.81	167.62	174.63	3.48	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Cadmium	108-1	1757.11	1854.61	1793.80	1801.84	2.73	ppb
Cadmium	106-1	1708.89	1830.60	1747.69	1762.39	3.53	ppb
Cadmium	111-1	2138.50	2215.15	2225.76	2193.14	2.17	ppb
Calcium	43-1	180533.92	188167.19	186578.40	185093.17	2.18	ppb
Calcium	44-1	183578.18	188940.01	183112.13	185210.10	1.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1694.33	1567.60	1777.45	1679.79	6.29	ppb
Cobalt	59-2	1689.08	1627.18	1754.90	1690.39	3.78	ppb
Copper	63-2	1948.17	1869.62	2003.63	1940.47	3.47	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				109		%
Holmium	165-2				108		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	54-2	146663.46	138218.20	150694.35	145192.00	4.39	ppb
Iron	56-2	144000.17	138717.94	149556.23	144091.45	3.76	ppb
Iron	57-2	149606.33	139486.06	149373.20	146155.19	3.95	ppb
Krypton	83-1						cps
Lead	206-1	801.76	849.60	821.55	824.30	2.92	ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	P2252-10	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 18:09:38	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	774.26	815.59	793.50	794.45	2.60	ppb
Lead	208-1	782.93	827.62	797.59	802.71	2.84	ppb
Lithium	6-1				205		%
Magnesium	24-2	150811.39	145853.15	155470.12	150711.55	3.19	ppb
Manganese	55-2	8333.90	8109.59	8682.91	8375.46	3.45	ppb
Molybdenum	94-1	1386.39	1438.49	1431.19	1418.69	1.99	ppb
Molybdenum	95-1	1586.73	1654.30	1657.54	1632.86	2.45	ppb
Molybdenum	96-1	1593.65	1650.38	1665.81	1636.62	2.32	ppb
Molybdenum	97-1	1580.51	1645.49	1651.32	1625.77	2.42	ppb
Molybdenum	98-1	1746.73	1854.67	1833.25	1811.55	3.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1927.12	1846.16	2026.93	1933.40	4.68	ppb
Phosphorus	31-2	5857.85	5682.05	6216.51	5918.80	4.60	ppb
Potassium	39-2	26423.67	24810.58	27913.99	26382.75	5.88	ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				102		%
Scandium	45-2				95		%
Selenium	82-1	2162.66	2271.23	2268.27	2234.05	2.77	ppb
Selenium	77-2	2307.50	2209.85	2535.30	2350.88	7.10	ppb
Selenium	78-2	2340.09	2134.55	2302.75	2259.13	4.85	ppb
Silicon	28-1	1828.21	1852.13	1744.37	1808.24	3.13	ppb
Silver	107-1	784.10	831.48	785.70	800.43	3.36	ppb
Silver	109-1	780.38	829.12	804.59	804.70	3.03	ppb
Sodium	23-2	102259.06	100143.61	107909.69	103437.45	3.88	ppb
Strontium	86-1	2127.41	2232.98	2153.86	2171.42	2.53	ppb
Strontium	88-1	2106.80	2242.74	2173.41	2174.32	3.13	ppb
Sulfur	34-1	-1747.37	-1694.08	-1974.81	-1805.42		ppb
Terbium	159-1				112		%
Terbium	159-2				105		%
Thallium	203-1	1683.20	1781.78	1711.10	1725.36	2.95	ppb
Thallium	205-1	1693.22	1760.62	1735.76	1729.87	1.97	ppb
Tin	118-1	607.13	648.68	632.90	629.57	3.33	ppb
Titanium	47-1	4355.32	4493.72	4274.60	4374.55	2.53	ppb
Uranium	238-1	411.62	431.51	423.67	422.27	2.37	ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	P2252-10	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 18:09:38	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	3054.72	2835.59	3128.77	3006.36	5.07	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				106		%
Zinc	66-2	3122.98	2969.48	3237.13	3109.87	4.32	ppb
Zirconium	90-1	30.15	31.55	31.63	31.11	2.67	ppb
Zirconium	91-1	30.93	32.99	32.57	32.16	3.38	ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	P2252-10DLX5	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired ::	2024-06-04 18:18:57	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17949.65	17832.56	17689.36	17823.86	0.73	ppb
Antimony	121-1	60.27	63.11	59.05	60.81	3.43	ppb
Arsenic	75-2	648.56	646.17	635.38	643.37	1.09	ppb
Barium	135-1	1615.76	1673.11	1520.78	1603.22	4.80	ppb
Barium	137-1	1574.39	1670.97	1549.18	1598.18	4.02	ppb
Beryllium	9-1	64.89	69.40	64.50	66.26	4.10	ppb
Bismuth	209-1				110		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Cadmium	108-1	370.74	397.23	362.87	376.95	4.78	ppb
Cadmium	106-1	364.55	384.04	348.26	365.62	4.90	ppb
Cadmium	111-1	437.20	458.50	427.35	441.02	3.61	ppb
Calcium	43-1	36061.04	39329.95	35532.12	36974.37	5.56	ppb
Calcium	44-1	37064.38	40293.14	36456.94	37938.15	5.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	329.81	329.35	325.22	328.12	0.77	ppb
Cobalt	59-2	340.83	339.48	342.15	340.82	0.39	ppb
Copper	63-2	404.84	405.31	400.34	403.50	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				110		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				102		%
Iron	54-2	30782.40	30905.82	30888.07	30858.76	0.22	ppb
Iron	56-2	30437.95	30407.24	30767.53	30537.57	0.65	ppb
Iron	57-2	29575.25	29521.53	29225.86	29440.88	0.64	ppb
Krypton	83-1						cps
Lead	206-1	150.72	163.24	149.88	154.61	4.84	ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	P2252-10DLX5	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired ::	2024-06-04 18:18:57	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	146.26	157.69	145.75	149.90	4.50	ppb
Lead	208-1	151.54	161.60	149.27	154.14	4.26	ppb
Lithium	6-1				120		%
Magnesium	24-2	32738.97	32543.59	31783.43	32355.33	1.56	ppb
Manganese	55-2	1781.65	1810.90	1802.40	1798.32	0.84	ppb
Molybdenum	94-1	277.26	300.46	272.54	283.42	5.27	ppb
Molybdenum	95-1	338.83	363.94	341.48	348.08	3.96	ppb
Molybdenum	96-1	344.36	370.49	339.77	351.54	4.71	ppb
Molybdenum	97-1	319.26	348.79	318.08	328.71	5.29	ppb
Molybdenum	98-1	372.34	399.63	373.30	381.75	4.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	389.19	389.70	381.97	386.95	1.12	ppb
Phosphorus	31-2	1271.84	1216.90	1231.27	1240.00	2.30	ppb
Potassium	39-2	5294.26	5297.28	5208.05	5266.53	0.96	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				96		%
Selenium	82-1	472.31	519.03	468.98	486.77	5.75	ppb
Selenium	77-2	542.97	520.96	521.96	528.63	2.35	ppb
Selenium	78-2	510.83	472.61	514.35	499.27	4.64	ppb
Silicon	28-1	367.69	388.65	348.98	368.44	5.39	ppb
Silver	107-1	171.30	181.30	167.36	173.32	4.14	ppb
Silver	109-1	170.38	183.54	164.92	172.95	5.53	ppb
Sodium	23-2	21669.78	21821.90	21637.40	21709.69	0.45	ppb
Strontium	86-1	427.79	459.82	418.17	435.26	5.01	ppb
Strontium	88-1	453.50	488.05	442.63	461.40	5.14	ppb
Sulfur	34-1	-2110.45	-1386.80	-2330.02	-1942.42		ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	330.18	362.65	326.98	339.94	5.81	ppb
Thallium	205-1	321.32	356.09	325.43	334.28	5.68	ppb
Tin	118-1	123.18	130.64	120.38	124.73	4.25	ppb
Titanium	47-1	856.21	915.47	828.18	866.62	5.14	ppb
Uranium	238-1	78.89	86.09	79.36	81.45	4.94	ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	P2252-10DLX5	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired ::	2024-06-04 18:18:57	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	597.42	592.49	597.61	595.84	0.49	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				103		%
Zinc	66-2	682.69	679.51	670.65	677.62	0.92	ppb
Zirconium	90-1	6.33	6.93	6.34	6.54	5.21	ppb
Zirconium	91-1	6.38	6.91	6.29	6.53	5.16	ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	PB161320BL	Instrumnet Name :	P8
Client Sample ID :	PB161320BL	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 18:34:04	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.45	1.01	0.97	1.14	23.12	ppb
Antimony	121-1	0.01	0.00	0.00	0.01	98.33	ppb
Arsenic	75-2	0.05	0.07	0.09	0.07	25.39	ppb
Barium	135-1	0.24	0.05	0.05	0.11	98.75	ppb
Barium	137-1	0.23	0.06	0.06	0.12	86.16	ppb
Beryllium	9-1	0.05	0.03	0.04	0.04	16.11	ppb
Bismuth	209-1				104		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Cadmium	108-1	-0.06	-0.05	-0.01	-0.04		ppb
Cadmium	106-1	-7.09	-8.69	-8.31	-8.03		ppb
Cadmium	111-1	0.00	-0.07	-0.08	-0.05		ppb
Calcium	43-1	3.01	-2.94	-2.69	-0.87		ppb
Calcium	44-1	1.54	-3.51	-3.33	-1.77		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.07	0.04	-0.06	0.02	379.05	ppb
Cobalt	59-2	0.02	0.01	0.03	0.02	41.33	ppb
Copper	63-2	0.01	-0.02	0.00	0.00		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				105		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	54-2	1.31	3.03	2.28	2.21	38.99	ppb
Iron	56-2	1.69	1.84	1.57	1.70	7.91	ppb
Iron	57-2	2.05	3.18	2.61	2.61	21.49	ppb
Krypton	83-1						cps
Lead	206-1	0.16	0.12	0.14	0.14	15.17	ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	PB161320BL	Instrumnet Name :	P8
Client Sample ID :	PB161320BL	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 18:34:04	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.17	0.14	0.14	0.15	11.07	ppb
Lead	208-1	0.17	0.13	0.13	0.14	14.24	ppb
Lithium	6-1				95		%
Magnesium	24-2	1.98	2.41	2.51	2.30	12.16	ppb
Manganese	55-2	0.13	0.18	0.20	0.17	22.48	ppb
Molybdenum	94-1	0.06	0.00	0.02	0.02	128.84	ppb
Molybdenum	95-1	0.05	0.01	0.01	0.02	80.70	ppb
Molybdenum	96-1	0.08	0.02	0.02	0.04	85.72	ppb
Molybdenum	97-1	0.06	0.01	0.00	0.02	130.33	ppb
Molybdenum	98-1	0.07	0.02	0.02	0.04	84.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.04	-0.05	-0.04		ppb
Phosphorus	31-2	-19.85	-22.93	-37.62	-26.80		ppb
Potassium	39-2	-6.65	-9.12	-4.98	-6.92		ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	82-1	0.11	0.13	0.13	0.12	9.09	ppb
Selenium	77-2	0.00	0.00	0.88	0.29	173.21	ppb
Selenium	78-2	-0.74	-0.76	-0.24	-0.58		ppb
Silicon	28-1	-2.21	-2.02	-1.67	-1.97		ppb
Silver	107-1	0.03	0.00	0.00	0.01	125.73	ppb
Silver	109-1	0.02	0.01	0.00	0.01	130.64	ppb
Sodium	23-2	19.40	17.21	16.79	17.80	7.88	ppb
Strontium	86-1	0.04	-0.05	-0.02	-0.01		ppb
Strontium	88-1	0.05	-0.02	-0.01	0.01	532.95	ppb
Sulfur	34-1	-779.08	-683.42	-735.65	-732.72		ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	0.13	0.09	0.09	0.11	21.73	ppb
Thallium	205-1	0.14	0.09	0.10	0.11	23.28	ppb
Tin	118-1	-0.02	-0.01	-0.02	-0.02		ppb
Titanium	47-1	0.10	0.03	0.06	0.06	52.62	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	491.05	ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	PB161320BL	Instrumnet Name :	P8
Client Sample ID :	PB161320BL	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 18:34:04	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.06	0.04	0.05	0.05	16.51	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	-0.14	-0.13	-0.10	-0.12		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	219.57	ppb
Zirconium	91-1	0.02	0.01	0.02	0.02	41.92	ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	PB161320BS	Instrumnet Name :	P8
Client Sample ID :	PB161320BS	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 18:39:43	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10059.38	10063.42	10127.33	10083.38	0.38	ppb
Antimony	121-1	497.51	520.48	491.11	503.03	3.07	ppb
Arsenic	75-2	509.68	506.29	504.18	506.72	0.55	ppb
Barium	135-1	2492.29	2567.20	2541.14	2533.55	1.50	ppb
Barium	137-1	2500.27	2560.55	2446.63	2502.48	2.28	ppb
Beryllium	9-1	485.82	502.39	499.07	495.76	1.77	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Cadmium	108-1	486.85	512.77	492.00	497.21	2.76	ppb
Cadmium	106-1	476.72	501.89	480.78	486.46	2.78	ppb
Cadmium	111-1	481.63	495.77	483.05	486.82	1.60	ppb
Calcium	43-1	55488.10	57222.56	57552.82	56754.49	1.95	ppb
Calcium	44-1	52614.25	54042.17	52927.55	53194.66	1.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	487.36	490.11	499.65	492.37	1.31	ppb
Cobalt	59-2	527.40	531.47	540.23	533.03	1.23	ppb
Copper	63-2	5170.31	5326.04	5312.30	5269.55	1.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				107		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	54-2	26837.55	26656.04	27486.03	26993.21	1.62	ppb
Iron	56-2	25907.29	26317.93	26739.16	26321.46	1.58	ppb
Iron	57-2	24889.80	25420.69	25539.66	25283.39	1.37	ppb
Krypton	83-1						cps
Lead	206-1	2485.89	2498.28	2508.65	2497.61	0.46	ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	PB161320BS	Instrumnet Name :	P8
Client Sample ID :	PB161320BS	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 18:39:43	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2497.57	2519.10	2511.44	2509.37	0.43	ppb
Lead	208-1	2497.90	2502.93	2502.23	2501.02	0.11	ppb
Lithium	6-1				97		%
Magnesium	24-2	53124.70	53188.53	52972.71	53095.31	0.21	ppb
Manganese	55-2	5099.60	5174.40	5222.36	5165.46	1.20	ppb
Molybdenum	94-1	4984.30	5073.83	4907.32	4988.48	1.67	ppb
Molybdenum	95-1	4915.81	5061.25	4958.70	4978.59	1.50	ppb
Molybdenum	96-1	5027.49	5144.06	4966.89	5046.14	1.78	ppb
Molybdenum	97-1	4964.51	5086.74	4885.28	4978.85	2.04	ppb
Molybdenum	98-1	5525.85	5577.93	5383.45	5495.74	1.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	514.35	512.62	529.62	518.87	1.80	ppb
Phosphorus	31-2	9933.87	10122.95	10097.90	10051.58	1.02	ppb
Potassium	39-2	25197.57	25186.28	25651.22	25345.02	1.05	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	82-1	496.90	519.26	493.63	503.26	2.77	ppb
Selenium	77-2	477.80	466.26	466.89	470.32	1.38	ppb
Selenium	78-2	523.40	487.53	522.28	511.07	3.99	ppb
Silicon	28-1	506.08	499.28	500.34	501.90	0.73	ppb
Silver	107-1	497.62	524.55	506.91	509.69	2.68	ppb
Silver	109-1	499.49	524.27	509.47	511.08	2.44	ppb
Sodium	23-2	52155.05	52163.76	52491.20	52270.00	0.37	ppb
Strontium	86-1	12594.60	12778.46	12446.93	12606.66	1.32	ppb
Strontium	88-1	12892.86	12997.43	12278.87	12723.05	3.05	ppb
Sulfur	34-1	10499.81	10787.40	10235.70	10507.63	2.63	ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	496.35	504.03	494.76	498.38	0.99	ppb
Thallium	205-1	496.88	503.17	494.75	498.27	0.88	ppb
Tin	118-1	497.69	509.21	488.58	498.49	2.07	ppb
Titanium	47-1	5416.97	5502.16	5400.27	5439.80	1.00	ppb
Uranium	238-1	492.72	503.74	490.09	495.52	1.46	ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	PB161320BS	Instrumnet Name :	P8
Client Sample ID :	PB161320BS	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 18:39:43	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	483.78	490.73	494.24	489.59	1.09	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	5285.73	5310.64	5302.75	5299.70	0.24	ppb
Zirconium	90-1	492.88	505.74	487.29	495.30	1.91	ppb
Zirconium	91-1	504.10	513.99	492.66	503.59	2.12	ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 18:42:35	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48823.88	50627.00	51596.63	50349.17	2.79	ppb
Antimony	121-1	527.10	493.84	503.77	508.23	3.36	ppb
Arsenic	75-2	493.70	495.16	506.73	498.53	1.43	ppb
Barium	135-1	2663.83	2526.08	2599.80	2596.57	2.65	ppb
Barium	137-1	2668.30	2508.48	2585.37	2587.38	3.09	ppb
Beryllium	9-1	510.93	489.30	509.17	503.14	2.39	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	521.21	479.95	492.45	497.87	4.25	ppb
Cadmium	106-1	506.41	464.73	485.20	485.44	4.29	ppb
Cadmium	111-1	497.74	465.28	481.05	481.35	3.37	ppb
Calcium	43-1	261675.46	256312.68	267625.41	261871.18	2.16	ppb
Calcium	44-1	261588.59	254584.37	264197.08	260123.35	1.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	484.52	491.56	498.09	491.39	1.38	ppb
Cobalt	59-2	504.23	512.43	515.20	510.62	1.12	ppb
Copper	63-2	5186.46	5343.40	5319.57	5283.15	1.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				107		%
Indium	115-1				98		%
Indium	115-2				101		%
Iron	54-2	125204.34	127906.02	128952.25	127354.20	1.52	ppb
Iron	56-2	126380.17	127980.51	129133.03	127831.24	1.08	ppb
Iron	57-2	127015.85	127345.12	130342.84	128234.60	1.43	ppb
Krypton	83-1						cps
Lead	206-1	2645.97	2636.46	2590.63	2624.35	1.13	ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 18:42:35	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2654.26	2564.47	2586.26	2601.66	1.80	ppb
Lead	208-1	2662.26	2575.15	2576.73	2604.71	1.91	ppb
Lithium	6-1				95		%
Magnesium	24-2	249696.13	258325.98	263397.07	257139.73	2.69	ppb
Manganese	55-2	5005.29	5081.09	5282.02	5122.80	2.79	ppb
Molybdenum	94-1	5207.93	5023.79	5226.33	5152.68	2.17	ppb
Molybdenum	95-1	5298.49	5078.51	5148.19	5175.07	2.17	ppb
Molybdenum	96-1	5443.76	5160.98	5157.54	5254.09	3.13	ppb
Molybdenum	97-1	5312.49	5041.34	5146.17	5166.67	2.65	ppb
Molybdenum	98-1	5838.50	5619.03	5669.96	5709.17	2.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	490.71	503.35	508.02	500.70	1.79	ppb
Phosphorus	31-2	9903.20	9989.28	10440.74	10111.07	2.86	ppb
Potassium	39-2	121117.85	122340.96	127716.88	123725.23	2.84	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	484.59	472.68	479.75	479.01	1.25	ppb
Selenium	77-2	474.24	500.82	489.73	488.26	2.73	ppb
Selenium	78-2	499.50	482.28	496.71	492.83	1.87	ppb
Silicon	28-1	551.63	531.29	559.04	547.32	2.63	ppb
Silver	107-1	517.85	486.38	500.58	501.60	3.14	ppb
Silver	109-1	524.81	486.01	500.36	503.73	3.89	ppb
Sodium	23-2	241030.31	255101.33	260751.74	252294.46	4.03	ppb
Strontium	86-1	13070.97	12352.18	12798.65	12740.60	2.85	ppb
Strontium	88-1	13362.54	12674.54	12989.25	13008.77	2.65	ppb
Sulfur	34-1	10965.99	9932.94	10728.43	10542.45	5.13	ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	553.65	532.35	519.03	535.01	3.26	ppb
Thallium	205-1	533.75	525.46	514.29	524.50	1.86	ppb
Tin	118-1	523.90	484.15	502.54	503.53	3.95	ppb
Titanium	47-1	5823.66	5606.06	5779.18	5736.30	2.00	ppb
Uranium	238-1	536.45	525.89	529.33	530.55	1.02	ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 18:42:35	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	479.96	496.12	504.48	493.52	2.53	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	5253.69	5377.91	5327.40	5319.67	1.17	ppb
Zirconium	90-1	524.39	500.27	512.53	512.40	2.35	ppb
Zirconium	91-1	526.72	507.87	525.42	520.00	2.02	ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 18:57:46	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.61	1.93	1.65	1.40	50.02	ppb
Antimony	121-1	0.06	0.07	0.09	0.07	21.98	ppb
Arsenic	75-2	0.05	0.02	0.00	0.02	109.34	ppb
Barium	135-1	0.13	0.14	0.12	0.13	8.49	ppb
Barium	137-1	0.12	0.11	0.15	0.13	16.85	ppb
Beryllium	9-1	0.07	0.06	0.07	0.07	9.59	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	-0.13	0.05	-0.01	-0.03		ppb
Cadmium	106-1	-7.39	-7.09	-7.09	-7.19		ppb
Cadmium	111-1	-0.04	-0.05	-0.03	-0.04		ppb
Calcium	43-1	4.75	3.50	4.64	4.30	16.09	ppb
Calcium	44-1	2.58	3.38	3.60	3.19	16.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	0.07	-0.02	0.01	472.44	ppb
Cobalt	59-2	0.01	0.02	0.02	0.02	15.72	ppb
Copper	63-2	0.18	0.24	0.20	0.21	13.02	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				100		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	54-2	4.80	5.31	4.92	5.01	5.36	ppb
Iron	56-2	4.16	5.31	4.93	4.80	12.14	ppb
Iron	57-2	5.32	5.76	4.27	5.12	15.00	ppb
Krypton	83-1						cps
Lead	206-1	0.15	0.16	0.18	0.16	10.41	ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 18:57:46	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.16	0.18	0.17	0.17	5.66	ppb
Lead	208-1	0.15	0.17	0.17	0.16	3.99	ppb
Lithium	6-1				97		%
Magnesium	24-2	10.32	10.35	11.46	10.71	6.08	ppb
Manganese	55-2	0.25	0.28	0.32	0.29	11.90	ppb
Molybdenum	94-1	0.30	0.25	0.27	0.27	9.94	ppb
Molybdenum	95-1	0.29	0.22	0.25	0.25	13.76	ppb
Molybdenum	96-1	0.28	0.24	0.28	0.27	9.04	ppb
Molybdenum	97-1	0.26	0.22	0.30	0.26	14.80	ppb
Molybdenum	98-1	0.30	0.26	0.31	0.29	8.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	0.01	-0.04	-0.03		ppb
Phosphorus	31-2	-29.07	-11.07	-19.41	-19.85		ppb
Potassium	39-2	6.81	17.81	11.02	11.88	46.74	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				94		%
Selenium	82-1	0.27	0.17	0.34	0.26	33.73	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.50	1.43	-0.48	0.15	745.03	ppb
Silicon	28-1	-1.58	-2.28	-2.05	-1.97		ppb
Silver	107-1	0.12	0.13	0.18	0.14	23.28	ppb
Silver	109-1	0.12	0.12	0.18	0.14	23.77	ppb
Sodium	23-2	22.10	31.51	29.60	27.74	17.92	ppb
Strontium	86-1	0.39	0.44	0.50	0.44	12.66	ppb
Strontium	88-1	0.41	0.47	0.54	0.48	13.09	ppb
Sulfur	34-1	-754.34	-981.62	-804.70	-846.89		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.11	0.10	0.12	0.11	9.50	ppb
Thallium	205-1	0.11	0.10	0.11	0.10	6.43	ppb
Tin	118-1	-0.02	-0.03	0.00	-0.02		ppb
Titanium	47-1	0.19	0.16	0.28	0.21	28.35	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	10.20	ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 18:57:46	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.02	0.03	0.02	0.02	34.01	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	0.17	0.24	0.25	0.22	19.80	ppb
Zirconium	90-1	0.02	0.03	0.03	0.03	17.47	ppb
Zirconium	91-1	0.04	0.03	0.02	0.03	42.09	ppb

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 16:15:43	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	93	97	60	83	24.33	cps
Antimony	121-1	73	47	43	54	30.20	cps
Arsenic	75-2	10	0	0	3	173.21	cps
Barium	135-1	53	47	50	50	6.66	cps
Barium	137-1	70	107	90	89	20.65	cps
Beryllium	9-1	71	81	102	85	18.78	cps
Bismuth	209-1	8463696	8331867	8351197	8382253	0.85	cps
Bismuth	209-2	4468808	4608049	4211397	4429418	4.54	cps
Bromine	81-1	4491	4404	4407	4434	1.11	cps
Cadmium	108-1	23	27	23	24	7.89	cps
Cadmium	106-1	6155	5951	5765	5957	3.28	cps
Cadmium	111-1	616	586	587	596	2.83	cps
Calcium	43-1	287	290	280	286	1.78	cps
Calcium	44-1	8626	8563	8499	8563	0.74	cps
Carbon	12-1	2123349	2234000	2195618	2184322	2.57	cps
Carbon	12-2	23699	24137	24250	24029	1.21	cps
Chlorine	35-1	123024	125929	126124	125025	1.39	cps
Chlorine	35-2	917	947	840	901	6.11	cps
Chromium	52-2	1157	1007	1093	1086	6.94	cps
Cobalt	59-2	127	167	173	156	16.23	cps
Copper	63-2	1813	1887	1667	1789	6.26	cps
Dysprosium	156-1	73	67	73	71	5.41	cps
Dysprosium	156-2	10	3	7	7	50.03	cps
Erbium	164-1	113	110	123	116	6.01	cps
Erbium	164-2	33	23	40	32	26.04	cps
Gadolinium	160-1	80	93	113	96	17.56	cps
Gadolinium	160-2	183	203	217	201	8.34	cps
Holmium	165-1	13189916	13460338	13196951	13282402	1.16	cps
Holmium	165-2	5826112	6079265	5780247	5895208	2.73	cps
Indium	115-1	10030052	10003865	10014351	10016089	0.13	cps
Indium	115-2	1581711	1665447	1542034	1596398	3.95	cps
Iron	54-2	420	333	353	369	12.30	cps
Iron	56-2	3847	3757	3764	3789	1.32	cps
Iron	57-2	143	133	210	162	25.69	cps
Krypton	83-1	283	283	240	269	9.31	cps
Lead	206-1	543	503	473	507	6.93	cps

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 16:15:43	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	427	460	423	437	4.64	cps
Lead	208-1	1967	2037	1947	1983	2.38	cps
Lithium	6-1	3833637	3901820	3727842	3821100	2.29	cps
Magnesium	24-2	200	197	203	200	1.67	cps
Manganese	55-2	173	140	143	152	12.06	cps
Molybdenum	94-1	220	213	263	232	11.69	cps
Molybdenum	95-1	110	120	73	101	24.30	cps
Molybdenum	96-1	140	133	100	124	17.22	cps
Molybdenum	97-1	50	43	47	47	7.15	cps
Molybdenum	98-1	80	90	140	103	31.11	cps
Neodymium	150-1	7	20	10	12	56.76	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	290	237	237	254	12.10	cps
Phosphorus	31-2	153	190	153	166	12.78	cps
Potassium	39-2	15595	15642	15175	15471	1.66	cps
Rhodium	103-1	9772904	9805612	9633351	9737289	0.94	cps
Rhodium	103-2	4523478	4714853	4429802	4556044	3.19	cps
Scandium	45-1	6627359	6767945	6705827	6700377	1.05	cps
Scandium	45-2	215576	220728	210587	215630	2.35	cps
Selenium	82-1	-123	-40	-10	-58	-101.63	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	13	23	23	20	28.87	cps
Silicon	28-1	221119	225393	223822	223445	0.97	cps
Silver	107-1	117	77	97	97	20.69	cps
Silver	109-1	50	23	30	34	40.30	cps
Sodium	23-2	37297	36733	36643	36891	0.96	cps
Strontium	86-1	487	487	487	487	0.00	cps
Strontium	88-1	987	913	883	928	5.73	cps
Sulfur	34-1	377681	379755	382203	379880	0.60	cps
Terbium	159-1	13432640	13424046	13265513	13374066	0.70	cps
Terbium	159-2	5838372	6060585	5663679	5854212	3.40	cps
Thallium	203-1	110	100	110	107	5.41	cps
Thallium	205-1	250	303	237	263	13.40	cps
Tin	118-1	1774	1877	1954	1868	4.83	cps
Titanium	47-1	73	103	100	92	17.83	cps
Uranium	238-1	90	100	57	82	27.59	cps

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 16:15:43	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	7	10	10	9	21.63	cps
Ytterbium	172-1	73	77	90	80	11.02	cps
Ytterbium	172-2	63	43	37	48	29.04	cps
Ytterbium	176-1	2164	2474	2017	2218	10.51	cps
Ytterbium	176-2	21041	22403	20376	21273	4.86	cps
Yttrium	89-1	17001527	17046329	16679675	16909177	1.18	cps
Yttrium	89-2	1837118	1893961	1826307	1852462	1.96	cps
Zinc	66-2	400	413	383	399	3.77	cps
Zirconium	90-1	637	580	613	610	4.67	cps
Zirconium	91-1	107	100	73	93	18.90	cps

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 16:19:04	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1197	1247	1313	1252	4.67	cps
Antimony	121-1	13510	13563	13557	13543	0.21	cps
Arsenic	75-2	210	183	230	208	11.27	cps
Barium	135-1	15866	16537	16914	16439	3.23	cps
Barium	137-1	28417	27962	28964	28448	1.76	cps
Beryllium	9-1	1996	2079	2042	2039	2.03	cps
Bismuth	209-1	8707652	8426385	8554500	8562846	1.64	cps
Bismuth	209-2	4485701	4696435	4639942	4607359	2.37	cps
Bromine	81-1	4451	4287	4387	4375	1.88	cps
Cadmium	108-1	210	137	183	177	21.01	cps
Cadmium	106-1	6292	6222	6005	6173	2.42	cps
Cadmium	111-1	2299	2357	2402	2353	2.20	cps
Calcium	43-1	11264	11672	11445	11460	1.78	cps
Calcium	44-1	191525	192026	192668	192073	0.30	cps
Carbon	12-1	2236313	2273513	2230671	2246832	1.04	cps
Carbon	12-2	25439	26016	25018	25491	1.97	cps
Chlorine	35-1	153568	156873	158487	156310	1.60	cps
Chlorine	35-2	1120	1137	1173	1143	2.39	cps
Chromium	52-2	5088	5031	5211	5110	1.80	cps
Cobalt	59-2	4087	4157	4071	4105	1.12	cps
Copper	63-2	7412	7655	7415	7494	1.86	cps
Dysprosium	156-1	47	83	107	79	38.34	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	97	97	80	91	10.56	cps
Erbium	164-2	20	73	57	50	54.57	cps
Gadolinium	160-1	97	97	107	100	5.77	cps
Gadolinium	160-2	207	207	250	221	11.32	cps
Holmium	165-1	13520726	13308782	13400135	13409881	0.79	cps
Holmium	165-2	5980387	6292021	6269301	6180569	2.81	cps
Indium	115-1	10200356	10363236	10188486	10250692	0.95	cps
Indium	115-2	1617416	1728193	1694693	1680101	3.38	cps
Iron	54-2	5188	5224	5134	5182	0.87	cps
Iron	56-2	87355	87808	87801	87655	0.30	cps
Iron	57-2	2200	2297	2380	2292	3.93	cps
Krypton	83-1	170	250	263	228	22.16	cps
Lead	206-1	6312	6195	6402	6303	1.64	cps

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 16:19:04	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	5641	5675	5671	5662	0.32	cps
Lead	208-1	25360	25523	26011	25631	1.32	cps
Lithium	6-1	4002326	3909113	4019374	3976937	1.49	cps
Magnesium	24-2	83028	82847	83009	82961	0.12	cps
Manganese	55-2	1193	1237	1203	1211	1.87	cps
Molybdenum	94-1	14594	15028	14184	14602	2.89	cps
Molybdenum	95-1	18072	17932	17731	17912	0.96	cps
Molybdenum	96-1	19677	20038	19808	19841	0.92	cps
Molybdenum	97-1	10831	11318	11295	11148	2.46	cps
Molybdenum	98-1	28242	28867	29268	28792	1.79	cps
Neodymium	150-1	13	20	3	12	68.66	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	1217	1290	1263	1257	2.95	cps
Phosphorus	31-2	277	250	233	253	8.63	cps
Potassium	39-2	70237	70478	69252	69989	0.93	cps
Rhodium	103-1	10109867	9893776	9918715	9974119	1.19	cps
Rhodium	103-2	4452223	4690367	4628792	4590461	2.69	cps
Scandium	45-1	6793235	6909611	6850595	6851147	0.85	cps
Scandium	45-2	213629	225709	223417	220919	2.90	cps
Selenium	82-1	650	590	570	603	6.90	cps
Selenium	77-2	23	23	30	26	15.07	cps
Selenium	78-2	70	97	93	87	16.77	cps
Silicon	28-1	252262	253426	252048	252578	0.29	cps
Silver	107-1	8636	8629	8790	8685	1.04	cps
Silver	109-1	8496	8389	8526	8470	0.85	cps
Sodium	23-2	182372	180314	181178	181288	0.57	cps
Strontium	86-1	2744	2674	2784	2734	2.04	cps
Strontium	88-1	20545	20502	19948	20332	1.64	cps
Sulfur	34-1	375810	379249	377277	377445	0.46	cps
Terbium	159-1	13685261	13491915	13621689	13599622	0.72	cps
Terbium	159-2	5800069	6230643	6043632	6024781	3.58	cps
Thallium	203-1	7112	7542	7172	7275	3.20	cps
Thallium	205-1	16671	17719	17969	17453	3.95	cps
Tin	118-1	30628	31323	30985	30979	1.12	cps
Titanium	47-1	5318	5394	5298	5337	0.96	cps
Uranium	238-1	23131	23722	24163	23672	2.19	cps

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 16:19:04	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	8456	8139	7872	8156	3.58	cps
Ytterbium	172-1	47	80	67	64	26.03	cps
Ytterbium	172-2	47	80	47	58	33.30	cps
Ytterbium	176-1	2230	2187	2097	2171	3.13	cps
Ytterbium	176-2	20907	22623	22289	21940	4.15	cps
Yttrium	89-1	17224598	16730464	16967877	16974313	1.46	cps
Yttrium	89-2	1862011	1963622	1961558	1929063	3.01	cps
Zinc	66-2	2147	2130	2064	2114	2.09	cps
Zirconium	90-1	12252	12452	12572	12426	1.30	cps
Zirconium	91-1	2764	2720	2694	2726	1.30	cps

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 16:22:27	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	62038	61831	61915	61928	0.17	cps
Antimony	121-1	360141	371844	375601	369196	2.18	cps
Arsenic	75-2	10077	9937	10147	10054	1.06	cps
Barium	135-1	433728	451571	457567	447622	2.77	cps
Barium	137-1	741920	772755	791194	768623	3.24	cps
Beryllium	9-1	99089	98750	99431	99090	0.34	cps
Bismuth	209-1	8775237	8655722	8118049	8516336	4.11	cps
Bismuth	209-2	4608168	4468847	4552010	4543008	1.54	cps
Bromine	81-1	4357	4374	4404	4379	0.54	cps
Cadmium	108-1	7532	7912	7952	7799	2.97	cps
Cadmium	106-1	15856	16400	16009	16088	1.74	cps
Cadmium	111-1	90178	93379	92977	92178	1.89	cps
Calcium	43-1	131341	136662	136787	134930	2.30	cps
Calcium	44-1	2095665	2154648	2220232	2156849	2.89	cps
Carbon	12-1	2396388	2412040	2372750	2393726	0.83	cps
Carbon	12-2	27603	26504	27376	27161	2.14	cps
Chlorine	35-1	171585	175065	175091	173914	1.16	cps
Chlorine	35-2	1150	1300	1203	1218	6.24	cps
Chromium	52-2	108142	109919	108384	108815	0.89	cps
Cobalt	59-2	195059	196952	194407	195473	0.68	cps
Copper	63-2	1597091	1622633	1587333	1602352	1.14	cps
Dysprosium	156-1	80	83	80	81	2.37	cps
Dysprosium	156-2	23	10	7	13	66.12	cps
Erbium	164-1	110	113	77	100	20.27	cps
Erbium	164-2	73	37	47	52	36.29	cps
Gadolinium	160-1	117	120	110	116	4.41	cps
Gadolinium	160-2	267	230	290	262	11.54	cps
Holmium	165-1	13718749	13693845	12610834	13341142	4.74	cps
Holmium	165-2	6239672	6099270	6098586	6145843	1.32	cps
Indium	115-1	10552687	10313815	9809163	10225222	3.71	cps
Indium	115-2	1674482	1609317	1681336	1655045	2.40	cps
Iron	54-2	249508	251070	251514	250697	0.42	cps
Iron	56-2	4578589	4548286	4515306	4547394	0.70	cps
Iron	57-2	114075	114969	114908	114651	0.44	cps
Krypton	83-1	237	237	210	228	6.76	cps
Lead	206-1	1562753	1615305	1639669	1605909	2.45	cps

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 16:22:27	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1364803	1411376	1438033	1404737	2.64	cps
Lead	208-1	6321303	6555966	6634941	6504070	2.51	cps
Lithium	6-1	4220280	3892367	3697314	3936654	6.71	cps
Magnesium	24-2	895086	895884	903182	898050	0.50	cps
Manganese	55-2	555401	560369	560567	558779	0.52	cps
Molybdenum	94-1	1458744	1516749	1524105	1499866	2.39	cps
Molybdenum	95-1	2142598	2207280	2229969	2193282	2.07	cps
Molybdenum	96-1	2346325	2448423	2481766	2425505	2.91	cps
Molybdenum	97-1	1265860	1321060	1332350	1306424	2.72	cps
Molybdenum	98-1	3406079	3660515	3555498	3540697	3.61	cps
Neodymium	150-1	23	47	33	34	34.00	cps
Neodymium	150-2	0	3	13	6	124.93	cps
Nickel	60-2	54735	54789	54019	54514	0.79	cps
Phosphorus	31-2	3354	2867	3150	3124	7.83	cps
Potassium	39-2	308838	311899	313216	311317	0.72	cps
Rhodium	103-1	10204548	10049093	9395484	9883041	4.34	cps
Rhodium	103-2	4715028	4410269	4622736	4582678	3.41	cps
Scandium	45-1	7042211	6869486	6480682	6797460	4.23	cps
Scandium	45-2	222767	214581	221503	219617	2.01	cps
Selenium	82-1	6698	6518	7175	6797	4.99	cps
Selenium	77-2	207	217	247	223	9.32	cps
Selenium	78-2	790	760	690	747	6.87	cps
Silicon	28-1	1040804	873037	1069295	994379	10.66	cps
Silver	107-1	478889	498956	502322	493389	2.57	cps
Silver	109-1	456806	479760	482392	472986	2.98	cps
Sodium	23-2	1624847	1616970	1593747	1611854	1.00	cps
Strontium	86-1	3084782	3139338	3240479	3154867	2.50	cps
Strontium	88-1	25721407	26725251	26817584	26421414	2.30	cps
Sulfur	34-1	418437	424481	424635	422518	0.84	cps
Terbium	159-1	14021982	14005010	13049864	13692285	4.06	cps
Terbium	159-2	6069326	5911732	6108396	6029818	1.73	cps
Thallium	203-1	379476	394522	404182	392727	3.17	cps
Thallium	205-1	908232	930292	956244	931590	2.58	cps
Tin	118-1	325001	338581	344708	336097	3.00	cps
Titanium	47-1	599495	625626	629920	618347	2.66	cps
Uranium	238-1	1268002	1316667	1322328	1302332	2.29	cps

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 16:22:27	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	84159	85091	84189	84480	0.63	cps
Ytterbium	172-1	93	87	103	94	8.88	cps
Ytterbium	172-2	27	47	63	46	40.29	cps
Ytterbium	176-1	3907	3704	3651	3754	3.61	cps
Ytterbium	176-2	22790	21952	22870	22537	2.26	cps
Yttrium	89-1	17216572	17322096	16131316	16889995	3.90	cps
Yttrium	89-2	1919309	1817240	1924359	1886969	3.20	cps
Zinc	66-2	193570	195693	194264	194509	0.56	cps
Zirconium	90-1	643268	661911	670972	658717	2.14	cps
Zirconium	91-1	142731	146279	147198	145403	1.62	cps

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 16:25:38	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	155287	154587	154104	154659	0.38	cps
Antimony	121-1	928388	930557	932821	930589	0.24	cps
Arsenic	75-2	25086	24799	24498	24794	1.19	cps
Barium	135-1	1102022	1107661	1116728	1108804	0.67	cps
Barium	137-1	1924326	1933530	1969663	1942506	1.23	cps
Beryllium	9-1	249150	249073	251115	249779	0.46	cps
Bismuth	209-1	8644308	8523600	8285996	8484635	2.15	cps
Bismuth	209-2	4625849	4378944	4480477	4495090	2.76	cps
Bromine	81-1	4317	4324	4211	4284	1.48	cps
Cadmium	108-1	18649	18689	19340	18893	2.05	cps
Cadmium	106-1	32786	31820	32044	32217	1.57	cps
Cadmium	111-1	229546	228482	231900	229976	0.76	cps
Calcium	43-1	340486	335033	336127	337215	0.86	cps
Calcium	44-1	5346199	5486619	5323675	5385497	1.64	cps
Carbon	12-1	2556547	2441534	2440238	2479440	2.69	cps
Carbon	12-2	28711	29627	28925	29088	1.65	cps
Chlorine	35-1	171663	175622	176721	174669	1.52	cps
Chlorine	35-2	1153	1083	1203	1147	5.26	cps
Chromium	52-2	268151	266343	266139	266878	0.41	cps
Cobalt	59-2	484798	485152	484113	484688	0.11	cps
Copper	63-2	3904030	3943247	3878558	3908612	0.83	cps
Dysprosium	156-1	127	67	80	91	34.58	cps
Dysprosium	156-2	33	13	30	26	41.94	cps
Erbium	164-1	127	93	153	124	24.16	cps
Erbium	164-2	63	40	50	51	22.90	cps
Gadolinium	160-1	77	113	107	99	19.75	cps
Gadolinium	160-2	240	257	310	269	13.60	cps
Holmium	165-1	13379363	13369390	13236034	13328262	0.60	cps
Holmium	165-2	6396293	5954064	6008704	6119687	3.94	cps
Indium	115-1	10300669	9920330	9947958	10056319	2.11	cps
Indium	115-2	1724041	1611809	1620711	1652187	3.78	cps
Iron	54-2	616456	619230	612602	616096	0.54	cps
Iron	56-2	11280292	11412385	11410012	11367563	0.66	cps
Iron	57-2	281081	283748	283741	282856	0.54	cps
Krypton	83-1	157	190	217	188	16.01	cps
Lead	206-1	4090948	4067400	4055281	4071210	0.45	cps

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 16:25:38	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3586457	3588869	3518006	3564444	1.13	cps
Lead	208-1	16423614	16387952	16308245	16373270	0.36	cps
Lithium	6-1	3973049	3980686	3876456	3943397	1.47	cps
Magnesium	24-2	2257815	2237131	2220092	2238346	0.84	cps
Manganese	55-2	1424953	1467474	1431285	1441237	1.59	cps
Molybdenum	94-1	3660385	3715641	3750030	3708685	1.22	cps
Molybdenum	95-1	5455415	5471921	5553435	5493590	0.96	cps
Molybdenum	96-1	5952393	5912158	5969221	5944591	0.49	cps
Molybdenum	97-1	3414916	3341912	3346658	3367829	1.21	cps
Molybdenum	98-1	8934870	8583729	8780107	8766236	2.01	cps
Neodymium	150-1	73	83	77	78	6.55	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	132814	134790	135382	134328	1.00	cps
Phosphorus	31-2	7379	7435	7142	7319	2.13	cps
Potassium	39-2	755127	750841	750397	752122	0.35	cps
Rhodium	103-1	9757680	9716979	9471743	9648801	1.60	cps
Rhodium	103-2	4639959	4413262	4554982	4536068	2.52	cps
Scandium	45-1	6913386	6849612	6540639	6767879	2.95	cps
Scandium	45-2	225383	214040	218725	219382	2.60	cps
Selenium	82-1	16824	16834	16684	16780	0.50	cps
Selenium	77-2	487	493	520	500	3.53	cps
Selenium	78-2	1880	1887	1970	1912	2.62	cps
Silicon	28-1	1845749	1823310	1851538	1840199	0.81	cps
Silver	107-1	1235707	1235906	1235279	1235630	0.03	cps
Silver	109-1	1159746	1174447	1178556	1170916	0.84	cps
Sodium	23-2	3980945	3894606	3831068	3902206	1.93	cps
Strontium	86-1	7825785	7874728	7778602	7826372	0.61	cps
Strontium	88-1	65599941	67512759	66358387	66490362	1.45	cps
Sulfur	34-1	478985	478389	480095	479156	0.18	cps
Terbium	159-1	14018428	13596123	13456086	13690212	2.14	cps
Terbium	159-2	6100659	5720541	6036971	5952724	3.42	cps
Thallium	203-1	973347	985911	985617	981625	0.73	cps
Thallium	205-1	2319895	2398918	2351425	2356746	1.69	cps
Tin	118-1	843247	833614	842513	839792	0.64	cps
Titanium	47-1	1649483	1627274	1610993	1629250	1.19	cps
Uranium	238-1	3334476	3369977	3358124	3354192	0.54	cps

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 16:25:38	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	207930	210739	208178	208949	0.74	cps
Ytterbium	172-1	87	93	103	94	8.88	cps
Ytterbium	172-2	70	57	60	62	11.15	cps
Ytterbium	176-1	6428	5981	6095	6168	3.77	cps
Ytterbium	176-2	24516	23421	23935	23958	2.29	cps
Yttrium	89-1	17061657	16707027	16549020	16772568	1.57	cps
Yttrium	89-2	1927403	1834586	1899997	1887329	2.53	cps
Zinc	66-2	478018	478721	472248	476329	0.75	cps
Zirconium	90-1	1767003	1745189	1723853	1745349	1.24	cps
Zirconium	91-1	363947	369767	368739	367485	0.85	cps

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 16:28:42	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	306529	306081	306532	306381	0.08	cps
Antimony	121-1	1891600	1921864	1901701	1905055	0.81	cps
Arsenic	75-2	50560	49062	48908	49510	1.84	cps
Barium	135-1	2311385	2272922	2317301	2300536	1.05	cps
Barium	137-1	3887536	3923364	3907128	3906009	0.46	cps
Beryllium	9-1	481226	486263	484719	484069	0.53	cps
Bismuth	209-1	8513222	8331281	8788742	8544415	2.70	cps
Bismuth	209-2	4615185	4655061	4536142	4602129	1.32	cps
Bromine	81-1	4144	4471	4177	4264	4.22	cps
Cadmium	108-1	37404	37090	38801	37765	2.41	cps
Cadmium	106-1	58062	58002	58229	58097	0.20	cps
Cadmium	111-1	447524	453582	453932	451679	0.80	cps
Calcium	43-1	664596	671715	667119	667810	0.54	cps
Calcium	44-1	10568832	10777586	10775457	10707292	1.12	cps
Carbon	12-1	2496848	2525343	2577807	2533332	1.62	cps
Carbon	12-2	30054	30084	30224	30121	0.30	cps
Chlorine	35-1	160213	168776	169055	166015	3.03	cps
Chlorine	35-2	1150	1217	1210	1192	3.08	cps
Chromium	52-2	527958	524561	519775	524098	0.78	cps
Cobalt	59-2	958497	938304	948452	948418	1.06	cps
Copper	63-2	7481678	7551337	7606556	7546524	0.83	cps
Dysprosium	156-1	100	67	123	97	29.46	cps
Dysprosium	156-2	53	47	37	46	18.41	cps
Erbium	164-1	113	117	120	117	2.85	cps
Erbium	164-2	50	57	47	51	9.96	cps
Gadolinium	160-1	133	110	127	123	9.75	cps
Gadolinium	160-2	267	267	233	256	7.53	cps
Holmium	165-1	13215059	13490312	14008695	13571355	2.97	cps
Holmium	165-2	6147666	6250848	6070547	6156353	1.47	cps
Indium	115-1	10027004	10134398	10592748	10251384	2.93	cps
Indium	115-2	1664806	1655549	1613854	1644736	1.65	cps
Iron	54-2	1211119	1216760	1198479	1208786	0.77	cps
Iron	56-2	22908097	22454809	22092781	22485229	1.82	cps
Iron	57-2	556009	559343	551161	555505	0.74	cps
Krypton	83-1	220	233	243	232	5.04	cps
Lead	206-1	8000120	8079047	8167299	8082155	1.03	cps

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 16:28:42	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	6953421	7101059	7131462	7061980	1.35	cps
Lead	208-1	32126071	32519618	32561330	32402339	0.74	cps
Lithium	6-1	3823538	3787083	4002607	3871076	2.98	cps
Magnesium	24-2	4419359	4392213	4488497	4433356	1.12	cps
Manganese	55-2	2857932	2923308	2818593	2866611	1.85	cps
Molybdenum	94-1	7515572	7322178	7465379	7434376	1.35	cps
Molybdenum	95-1	11141812	10676168	11031654	10949878	2.22	cps
Molybdenum	96-1	12105454	11785956	11976178	11955862	1.34	cps
Molybdenum	97-1	6735717	6587223	6621352	6648098	1.17	cps
Molybdenum	98-1	17736536	17466265	17506922	17569908	0.83	cps
Neodymium	150-1	160	150	143	151	5.55	cps
Neodymium	150-2	13	0	20	11	91.66	cps
Nickel	60-2	261980	259889	260172	260680	0.44	cps
Phosphorus	31-2	14190	14698	14404	14431	1.76	cps
Potassium	39-2	1530770	1493032	1534941	1519581	1.52	cps
Rhodium	103-1	9680639	9421952	9883418	9662003	2.39	cps
Rhodium	103-2	4720664	4544673	4468974	4578104	2.82	cps
Scandium	45-1	6744563	6609072	7020443	6791359	3.09	cps
Scandium	45-2	224306	224260	216081	221549	2.14	cps
Selenium	82-1	32642	31880	32492	32338	1.25	cps
Selenium	77-2	927	943	1080	983	8.56	cps
Selenium	78-2	3581	3317	3664	3520	5.14	cps
Silicon	28-1	3360235	3336214	3337411	3344620	0.40	cps
Silver	107-1	2581378	2566811	2572579	2573589	0.29	cps
Silver	109-1	2440644	2487969	2428718	2452444	1.28	cps
Sodium	23-2	7434274	7675571	7634822	7581555	1.70	cps
Strontium	86-1	15560044	15627654	15471940	15553213	0.50	cps
Strontium	88-1	133486228	132979705	131802108	132756014	0.65	cps
Sulfur	34-1	562563	561612	558328	560834	0.40	cps
Terbium	159-1	13571734	13578516	14309345	13819865	3.07	cps
Terbium	159-2	6126937	6160021	6004580	6097179	1.34	cps
Thallium	203-1	1997245	2004012	2018642	2006633	0.55	cps
Thallium	205-1	4665508	4755676	4725212	4715465	0.97	cps
Tin	118-1	1749797	1702067	1724747	1725537	1.38	cps
Titanium	47-1	3143535	3161501	3183377	3162804	0.63	cps
Uranium	238-1	6461109	6654193	6556426	6557243	1.47	cps

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 16:28:42	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	413304	412751	411951	412669	0.16	cps
Ytterbium	172-1	83	100	150	111	31.23	cps
Ytterbium	172-2	57	70	57	61	12.59	cps
Ytterbium	176-1	10171	10498	10468	10379	1.74	cps
Ytterbium	176-2	25892	26764	26517	26391	1.70	cps
Yttrium	89-1	16952778	16790857	17456567	17066734	2.03	cps
Yttrium	89-2	1927384	1925146	1887493	1913341	1.17	cps
Zinc	66-2	930325	931688	922359	928124	0.54	cps
Zirconium	90-1	3468671	3452059	3428773	3449834	0.58	cps
Zirconium	91-1	720851	734831	728562	728081	0.96	cps

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 16:31:44	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	585005	586842	588018	586622	0.26	cps
Antimony	121-1	3801863	3801366	3882203	3828477	1.22	cps
Arsenic	75-2	95602	97109	96709	96473	0.81	cps
Barium	135-1	4639191	4605937	4561514	4602214	0.85	cps
Barium	137-1	7935629	7682511	7690114	7769418	1.85	cps
Beryllium	9-1	948926	943318	947971	946738	0.32	cps
Bismuth	209-1	8582879	8778384	8406469	8589244	2.17	cps
Bismuth	209-2	4486923	4515701	4545150	4515925	0.64	cps
Bromine	81-1	4391	4394	4441	4409	0.63	cps
Cadmium	108-1	74339	74665	74973	74659	0.42	cps
Cadmium	106-1	108923	108556	110347	109276	0.87	cps
Cadmium	111-1	894430	890481	895111	893340	0.28	cps
Calcium	43-1	1436837	1423285	1370784	1410302	2.47	cps
Calcium	44-1	21823742	21762869	21006200	21530937	2.12	cps
Carbon	12-1	2626587	2706571	2824466	2719208	3.66	cps
Carbon	12-2	32830	32590	32964	32794	0.58	cps
Chlorine	35-1	151904	156358	158120	155461	2.06	cps
Chlorine	35-2	1167	1133	1020	1107	6.95	cps
Chromium	52-2	1010447	1020192	1035418	1022019	1.23	cps
Cobalt	59-2	1939476	1912063	2010167	1953902	2.59	cps
Copper	63-2	14697631	14913905	15027211	14879582	1.13	cps
Dysprosium	156-1	163	150	163	159	4.85	cps
Dysprosium	156-2	67	57	50	58	14.52	cps
Erbium	164-1	170	170	130	157	14.74	cps
Erbium	164-2	90	53	63	69	27.52	cps
Gadolinium	160-1	113	120	127	120	5.55	cps
Gadolinium	160-2	267	270	230	256	8.69	cps
Holmium	165-1	14001018	14013856	13674322	13896398	1.38	cps
Holmium	165-2	6163348	6209582	6162941	6178624	0.43	cps
Indium	115-1	10460589	10610307	10225496	10432131	1.86	cps
Indium	115-2	1644309	1661631	1656762	1654234	0.54	cps
Iron	54-2	2458809	2490536	2464530	2471292	0.68	cps
Iron	56-2	43794634	43653534	44674123	44040764	1.26	cps
Iron	57-2	1076528	1083069	1094303	1084633	0.83	cps
Krypton	83-1	253	257	227	246	6.70	cps
Lead	206-1	16212843	16061461	16266707	16180337	0.66	cps

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 16:31:44	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	14049033	14107660	13960022	14038905	0.53	cps
Lead	208-1	65063775	64896216	64554499	64838163	0.40	cps
Lithium	6-1	3936553	3939944	3936063	3937520	0.05	cps
Magnesium	24-2	8618264	8421771	8641651	8560562	1.41	cps
Manganese	55-2	5591307	5547845	5688280	5609144	1.28	cps
Molybdenum	94-1	14912771	14897049	14962074	14923965	0.23	cps
Molybdenum	95-1	21857404	21896485	22210223	21988037	0.88	cps
Molybdenum	96-1	23673470	23960085	24472142	24035233	1.68	cps
Molybdenum	97-1	13307208	13399861	13621278	13442782	1.20	cps
Molybdenum	98-1	35303755	35789740	36151286	35748261	1.19	cps
Neodymium	150-1	337	313	283	311	8.59	cps
Neodymium	150-2	30	20	27	26	19.92	cps
Nickel	60-2	499993	506522	512698	506404	1.25	cps
Phosphorus	31-2	28000	27917	28127	28015	0.38	cps
Potassium	39-2	2877450	3002317	3001510	2960426	2.43	cps
Rhodium	103-1	9985364	9930950	9731125	9882480	1.35	cps
Rhodium	103-2	4566062	4481121	4507847	4518343	0.96	cps
Scandium	45-1	6988963	7030127	6732423	6917171	2.33	cps
Scandium	45-2	219520	217688	221189	219465	0.80	cps
Selenium	82-1	65467	64911	65282	65220	0.43	cps
Selenium	77-2	1953	2037	2157	2049	4.99	cps
Selenium	78-2	6875	6902	7052	6943	1.37	cps
Silicon	28-1	6356873	6454062	6491264	6434066	1.08	cps
Silver	107-1	5003683	5024374	5011853	5013303	0.21	cps
Silver	109-1	4823749	4731084	4721433	4758755	1.19	cps
Sodium	23-2	14921464	14981091	15341352	15081303	1.51	cps
Strontium	86-1	31854166	31942552	31818057	31871592	0.20	cps
Strontium	88-1	268688043	270213696	269204349	269368696	0.29	cps
Sulfur	34-1	750357	740609	739607	743524	0.80	cps
Terbium	159-1	14180242	14280949	13861038	14107410	1.55	cps
Terbium	159-2	6188544	6053943	6133816	6125434	1.11	cps
Thallium	203-1	3990771	3990380	4074173	4018441	1.20	cps
Thallium	205-1	9229758	9468477	9278587	9325607	1.35	cps
Tin	118-1	3412326	3491371	3433206	3445634	1.19	cps
Titanium	47-1	6222617	6254669	6249169	6242151	0.27	cps
Uranium	238-1	13289846	13322156	13295943	13302648	0.13	cps

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 16:31:44	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	804296	809537	809834	807889	0.39	cps
Ytterbium	172-1	103	107	113	108	4.73	cps
Ytterbium	172-2	63	110	73	82	29.89	cps
Ytterbium	176-1	19401	19381	19194	19325	0.59	cps
Ytterbium	176-2	29673	30689	30913	30425	2.17	cps
Yttrium	89-1	17353131	17842463	17383575	17526390	1.56	cps
Yttrium	89-2	1916298	1912760	1929033	1919363	0.45	cps
Zinc	66-2	1865320	1847478	1948356	1887051	2.85	cps
Zirconium	90-1	6872518	6980374	6924734	6925875	0.78	cps
Zirconium	91-1	1535011	1554598	1568706	1552771	1.09	cps

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 16:34:48	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1228644	1214813	1235489	1226315	0.86	cps
Antimony	121-1	7655278	7779599	7710064	7714980	0.81	cps
Arsenic	75-2	196407	198057	197237	197234	0.42	cps
Barium	135-1	9308965	9292257	9236881	9279368	0.41	cps
Barium	137-1	15857830	15764132	15859713	15827225	0.35	cps
Beryllium	9-1	1860361	1854849	1854002	1856404	0.19	cps
Bismuth	209-1	8076615	8239304	9002736	8439552	5.86	cps
Bismuth	209-2	4559875	4503047	4499617	4520846	0.75	cps
Bromine	81-1	4181	4617	4324	4374	5.09	cps
Cadmium	108-1	149572	150602	147180	149118	1.18	cps
Cadmium	106-1	211810	214437	213231	213159	0.62	cps
Cadmium	111-1	1834005	1882257	1813115	1843125	1.92	cps
Calcium	43-1	2830405	2825125	2782773	2812768	0.93	cps
Calcium	44-1	42978106	43701571	42843652	43174443	1.07	cps
Carbon	12-1	3002349	3125208	3217342	3114966	3.46	cps
Carbon	12-2	39617	38387	39156	39053	1.59	cps
Chlorine	35-1	146526	149534	150564	148875	1.41	cps
Chlorine	35-2	1097	1123	983	1068	6.96	cps
Chromium	52-2	2231030	2247379	2182605	2220338	1.52	cps
Cobalt	59-2	3944717	3933584	3941810	3940037	0.15	cps
Copper	63-2	30066883	30296272	30162392	30175182	0.38	cps
Dysprosium	156-1	247	200	227	224	10.43	cps
Dysprosium	156-2	183	137	167	162	14.58	cps
Erbium	164-1	153	167	200	173	13.87	cps
Erbium	164-2	107	90	83	93	12.88	cps
Gadolinium	160-1	187	163	123	158	20.30	cps
Gadolinium	160-2	300	300	283	294	3.27	cps
Holmium	165-1	12992903	13353870	15195915	13847563	8.53	cps
Holmium	165-2	6410775	6300426	6367274	6359492	0.87	cps
Indium	115-1	9671148	9869415	10747445	10096003	5.67	cps
Indium	115-2	1665008	1616252	1672653	1651304	1.85	cps
Iron	54-2	5010961	5066253	5039185	5038800	0.55	cps
Iron	56-2	90028532	89848755	89485805	89787698	0.31	cps
Iron	57-2	2366658	2351725	2353849	2357411	0.34	cps
Krypton	83-1	283	173	193	217	27.04	cps
Lead	206-1	32191110	32336412	32636577	32388033	0.70	cps

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 16:34:48	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	28072817	28499450	28282389	28284885	0.75	cps
Lead	208-1	130583796	131481093	131136470	131067120	0.35	cps
Lithium	6-1	3615787	3619731	4053491	3763003	6.69	cps
Magnesium	24-2	17264044	17428192	17393948	17362061	0.50	cps
Manganese	55-2	11467292	11423277	11251134	11380568	1.00	cps
Molybdenum	94-1	30577133	30817320	30264950	30553134	0.91	cps
Molybdenum	95-1	44601684	45349083	44095766	44682178	1.41	cps
Molybdenum	96-1	47951344	48917951	48663788	48511028	1.03	cps
Molybdenum	97-1	27515263	27705267	27574096	27598209	0.35	cps
Molybdenum	98-1	71873556	72756492	72950151	72526733	0.79	cps
Neodymium	150-1	563	607	500	557	9.64	cps
Neodymium	150-2	37	47	47	43	13.32	cps
Nickel	60-2	1017581	1022932	1032049	1024187	0.71	cps
Phosphorus	31-2	56530	57530	57500	57187	1.00	cps
Potassium	39-2	5938338	6101504	5996176	6012006	1.38	cps
Rhodium	103-1	9048841	9406206	10188351	9547799	6.10	cps
Rhodium	103-2	4461798	4438169	4575548	4491838	1.64	cps
Scandium	45-1	6309936	6561929	7131794	6667886	6.31	cps
Scandium	45-2	220326	217220	224376	220640	1.63	cps
Selenium	82-1	130394	130631	127687	129570	1.26	cps
Selenium	77-2	3951	4007	4117	4025	2.11	cps
Selenium	78-2	13907	14241	14207	14118	1.30	cps
Silicon	28-1	12095229	11993924	11894596	11994583	0.84	cps
Silver	107-1	9982581	9986200	9871762	9946848	0.65	cps
Silver	109-1	9401404	9346304	9306846	9351518	0.51	cps
Sodium	23-2	30866301	30437654	31119009	30807655	1.12	cps
Strontium	86-1	63709594	64766256	63492357	63989402	1.06	cps
Strontium	88-1	535563819	549883672	535553125	540333539	1.53	cps
Sulfur	34-1	996855	1001760	980223	992946	1.14	cps
Terbium	159-1	13285187	13913713	15345960	14181620	7.45	cps
Terbium	159-2	6182887	6123834	6246392	6184371	0.99	cps
Thallium	203-1	8098543	8043932	7995556	8046010	0.64	cps
Thallium	205-1	18777217	19086845	18964324	18942796	0.82	cps
Tin	118-1	6919385	7052496	6913221	6961701	1.13	cps
Titanium	47-1	12593851	12865568	12659016	12706145	1.12	cps
Uranium	238-1	27617706	27452108	27001302	27357039	1.17	cps

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 16:34:48	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1753357	1767405	1782798	1767854	0.83	cps
Ytterbium	172-1	230	167	147	181	24.02	cps
Ytterbium	172-2	107	70	73	83	24.33	cps
Ytterbium	176-1	36614	37059	36848	36840	0.60	cps
Ytterbium	176-2	38182	38857	39402	38814	1.57	cps
Yttrium	89-1	16426836	16619775	18340956	17129189	6.15	cps
Yttrium	89-2	1956882	1923371	2000011	1960088	1.96	cps
Zinc	66-2	3809483	3828887	3856313	3831561	0.61	cps
Zirconium	90-1	14229738	14138461	14077947	14148715	0.54	cps
Zirconium	91-1	3170887	3140656	3099601	3137048	1.14	cps

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 16:37:50	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6136396	6104787	6355412	6198865	2.20	cps
Antimony	121-1	9787	9680	9944	9804	1.35	cps
Arsenic	75-2	217	260	287	254	13.88	cps
Barium	135-1	9233	9113	8786	9044	2.56	cps
Barium	137-1	15332	14678	15089	15033	2.20	cps
Beryllium	9-1	1497	1516	1579	1531	2.78	cps
Bismuth	209-1	7689163	7540838	7731574	7653858	1.31	cps
Bismuth	209-2	4170654	4124982	4212047	4169228	1.04	cps
Bromine	81-1	4764	4257	3981	4334	9.17	cps
Cadmium	108-1	223	197	180	200	10.93	cps
Cadmium	106-1	5705	5725	5531	5653	1.88	cps
Cadmium	111-1	1894	1855	1801	1850	2.54	cps
Calcium	43-1	11873412	12012858	11993512	11959928	0.63	cps
Calcium	44-1	193953824	196457070	195145817	195185570	0.64	cps
Carbon	12-1	2837144	3004100	2959284	2933510	2.95	cps
Carbon	12-2	39660	40476	40228	40121	1.04	cps
Chlorine	35-1	149028	150573	152662	150755	1.21	cps
Chlorine	35-2	1153	1073	1090	1106	3.82	cps
Chromium	52-2	32587	32350	32718	32551	0.57	cps
Cobalt	59-2	11621	12079	12059	11920	2.17	cps
Copper	63-2	25400	29949	29738	28362	9.05	cps
Dysprosium	156-1	310	340	310	320	5.41	cps
Dysprosium	156-2	127	113	93	111	15.10	cps
Erbium	164-1	330	317	333	327	2.70	cps
Erbium	164-2	173	167	180	173	3.85	cps
Gadolinium	160-1	363	367	330	353	5.74	cps
Gadolinium	160-2	363	367	407	379	6.37	cps
Holmium	165-1	13374385	13044420	13486455	13301753	1.73	cps
Holmium	165-2	6136933	6172325	6323607	6210955	1.60	cps
Indium	115-1	9709007	9544214	9929121	9727447	1.99	cps
Indium	115-2	1654133	1677422	1703373	1678309	1.47	cps
Iron	54-2	24630961	24654937	24573260	24619719	0.17	cps
Iron	56-2	450170353	450629980	450506353	450435562	0.05	cps
Iron	57-2	11587624	11527921	11414759	11510101	0.76	cps
Krypton	83-1	217	253	210	227	10.30	cps
Lead	206-1	30316	28913	29294	29508	2.46	cps

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 16:37:50	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	27069	25061	24744	25625	4.92	cps
Lead	208-1	119619	115108	116377	117034	1.99	cps
Lithium	6-1	3495260	3666963	3764536	3642253	3.74	cps
Magnesium	24-2	87287472	87071822	87086432	87148575	0.14	cps
Manganese	55-2	12456	14311	14004	13590	7.32	cps
Molybdenum	94-1	30959	30111	29759	30276	2.04	cps
Molybdenum	95-1	45135	44989	40865	43663	5.55	cps
Molybdenum	96-1	50861	49339	46233	48811	4.83	cps
Molybdenum	97-1	28106	26449	25751	26769	4.52	cps
Molybdenum	98-1	74714	67810	67445	69990	5.85	cps
Neodymium	150-1	140	200	163	168	18.03	cps
Neodymium	150-2	43	53	57	51	13.58	cps
Nickel	60-2	12702	13136	12809	12883	1.75	cps
Phosphorus	31-2	207	247	220	224	9.07	cps
Potassium	39-2	30906230	31094194	31625564	31208663	1.20	cps
Rhodium	103-1	8901206	8632752	9109424	8881127	2.69	cps
Rhodium	103-2	4279506	4202546	4294383	4258812	1.16	cps
Scandium	45-1	6652271	6428347	6745054	6608557	2.46	cps
Scandium	45-2	225190	223347	226197	224911	0.64	cps
Selenium	82-1	110	-27	170	84	119.36	cps
Selenium	77-2	10	7	10	9	21.63	cps
Selenium	78-2	43	27	50	40	30.04	cps
Silicon	28-1	945286	1113649	1073129	1044021	8.42	cps
Silver	107-1	7055	7195	6682	6977	3.80	cps
Silver	109-1	7055	6698	6458	6737	4.46	cps
Sodium	23-2	156314981	158120314	153854271	156096522	1.37	cps
Strontium	86-1	51355	49781	46980	49372	4.49	cps
Strontium	88-1	422434	423455	407487	417792	2.14	cps
Sulfur	34-1	337388	334979	331030	334466	0.96	cps
Terbium	159-1	13601979	13324516	13693566	13540020	1.42	cps
Terbium	159-2	6127722	6085585	6215753	6143020	1.08	cps
Thallium	203-1	6285	5828	5848	5987	4.31	cps
Thallium	205-1	14996	13144	13077	13739	7.93	cps
Tin	118-1	10832	10206	10438	10492	3.02	cps
Titanium	47-1	10371	9677	9413	9820	5.04	cps
Uranium	238-1	20070	18648	17660	18792	6.45	cps

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 16:37:50	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1757	1817	1910	1828	4.23	cps
Ytterbium	172-1	420	423	453	432	4.25	cps
Ytterbium	172-2	253	213	200	222	12.49	cps
Ytterbium	176-1	2357	2004	2320	2227	8.73	cps
Ytterbium	176-2	22513	22833	24339	23228	4.20	cps
Yttrium	89-1	16618839	16500436	17506204	16875159	3.26	cps
Yttrium	89-2	1978687	1961291	1991459	1977145	0.77	cps
Zinc	66-2	4197	4594	4714	4502	6.01	cps
Zirconium	90-1	15439	16099	15772	15770	2.09	cps
Zirconium	91-1	3521	3577	3490	3529	1.25	cps

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 16:52:07	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	31621	31811	31407	31613	0.64	cps
Antimony	121-1	1448385	1535501	1460870	1481585	3.18	cps
Arsenic	75-2	41080	40986	40766	40944	0.39	cps
Barium	135-1	177568	179504	180848	179307	0.92	cps
Barium	137-1	305986	306812	306782	306526	0.15	cps
Beryllium	9-1	196624	200286	197065	197992	1.01	cps
Bismuth	209-1	8489221	8285508	8738767	8504498	2.67	cps
Bismuth	209-2	4871906	4708755	4600697	4727119	2.89	cps
Bromine	81-1	4507	4454	4374	4445	1.51	cps
Cadmium	108-1	24682	25908	25357	25316	2.42	cps
Cadmium	106-1	40921	41472	41589	41327	0.86	cps
Cadmium	111-1	184097	188258	186891	186415	1.14	cps
Calcium	43-1	53071	53870	53516	53486	0.75	cps
Calcium	44-1	814376	832904	829870	825717	1.20	cps
Carbon	12-1	2514573	2540292	2546793	2533886	0.67	cps
Carbon	12-2	29186	29306	29179	29224	0.24	cps
Chlorine	35-1	200028	209162	210129	206439	2.70	cps
Chlorine	35-2	1447	1347	1433	1409	3.85	cps
Chromium	52-2	218945	219322	219736	219334	0.18	cps
Cobalt	59-2	397519	400217	396770	398169	0.46	cps
Copper	63-2	308050	310438	309078	309189	0.39	cps
Dysprosium	156-1	40	33	37	37	9.10	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	80	130	107	106	23.70	cps
Erbium	164-2	17	47	27	30	50.91	cps
Gadolinium	160-1	67	77	133	92	38.98	cps
Gadolinium	160-2	233	260	280	258	9.08	cps
Holmium	165-1	13354274	13004290	13667343	13341969	2.49	cps
Holmium	165-2	6553856	6325732	6169591	6349726	3.04	cps
Indium	115-1	10011768	10121112	10446882	10193254	2.22	cps
Indium	115-2	1773403	1694702	1674158	1714088	3.06	cps
Iron	54-2	204667	201833	199647	202049	1.25	cps
Iron	56-2	3675263	3749667	3656384	3693771	1.34	cps
Iron	57-2	90582	91411	89626	90540	0.99	cps
Krypton	83-1	210	283	190	228	21.58	cps
Lead	206-1	1311576	1315691	1316361	1314543	0.20	cps

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 16:52:07	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1105313	1116566	1129451	1117110	1.08	cps
Lead	208-1	5286381	5293202	5326478	5302020	0.40	cps
Lithium	6-1	4014835	3810642	4100828	3975435	3.75	cps
Magnesium	24-2	202073	200954	200263	201097	0.45	cps
Manganese	55-2	112631	112745	112218	112531	0.25	cps
Molybdenum	94-1	13477413	13699663	13867209	13681428	1.43	cps
Molybdenum	95-1	19498072	19895043	20207408	19866841	1.79	cps
Molybdenum	96-1	21511646	22149146	22299429	21986740	1.90	cps
Molybdenum	97-1	12021757	12134107	12398349	12184738	1.59	cps
Molybdenum	98-1	31583439	32154872	32462750	32067020	1.39	cps
Neodymium	150-1	17	17	17	17	0.00	cps
Neodymium	150-2	10	3	10	8	49.52	cps
Nickel	60-2	110052	108439	109813	109435	0.80	cps
Phosphorus	31-2	167	93	210	157	37.64	cps
Potassium	39-2	250492	249520	248229	249414	0.46	cps
Rhodium	103-1	9861121	9889709	10206199	9985676	1.92	cps
Rhodium	103-2	4896970	4738464	4665810	4767081	2.48	cps
Scandium	45-1	6750612	6523614	6961062	6745096	3.24	cps
Scandium	45-2	229873	228168	218776	225606	2.65	cps
Selenium	82-1	26362	26957	27277	26865	1.73	cps
Selenium	77-2	843	897	857	866	3.21	cps
Selenium	78-2	3030	2974	3134	3046	2.66	cps
Silicon	28-1	2578662	2604670	2606120	2596484	0.60	cps
Silver	107-1	480961	488737	492596	487431	1.22	cps
Silver	109-1	456338	467112	469369	464273	1.50	cps
Sodium	23-2	651623	646773	645668	648021	0.49	cps
Strontium	86-1	1273960	1293468	1296211	1287880	0.94	cps
Strontium	88-1	11386309	11417582	11451874	11418588	0.29	cps
Sulfur	34-1	357744	359143	353326	356738	0.85	cps
Terbium	159-1	13524209	12899818	13935689	13453239	3.88	cps
Terbium	159-2	6437053	6338784	6196974	6324271	1.91	cps
Thallium	203-1	1592124	1622529	1637249	1617301	1.42	cps
Thallium	205-1	3936512	3943924	3976257	3952231	0.53	cps
Tin	118-1	3560477	3610415	3554333	3575075	0.86	cps
Titanium	47-1	5643376	5729606	5709029	5694004	0.79	cps
Uranium	238-1	14374986	14422967	14527268	14441740	0.54	cps

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 16:52:07	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	168574	165070	164784	166142	1.27	cps
Ytterbium	172-1	90	60	107	86	27.64	cps
Ytterbium	172-2	53	33	47	44	22.92	cps
Ytterbium	176-1	18293	19094	18850	18746	2.19	cps
Ytterbium	176-2	32266	32239	32103	32203	0.27	cps
Yttrium	89-1	17141870	16596618	17538259	17092249	2.77	cps
Yttrium	89-2	2027208	1977539	1951664	1985470	1.93	cps
Zinc	66-2	77028	76036	75436	76167	1.06	cps
Zirconium	90-1	7096673	7099133	7078212	7091339	0.16	cps
Zirconium	91-1	1568916	1605109	1561227	1578417	1.48	cps

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 17:08:47	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1353	1190	1260	1268	6.46	cps
Antimony	121-1	13667	13667	13827	13720	0.67	cps
Arsenic	75-2	197	227	207	210	7.27	cps
Barium	135-1	16327	16070	16667	16354	1.83	cps
Barium	137-1	28069	27491	28470	28010	1.76	cps
Beryllium	9-1	2061	2137	2036	2078	2.54	cps
Bismuth	209-1	8474621	8286250	8398749	8386540	1.13	cps
Bismuth	209-2	4481345	4672427	4434944	4529572	2.78	cps
Bromine	81-1	4177	4134	4224	4178	1.08	cps
Cadmium	108-1	117	173	137	142	20.21	cps
Cadmium	106-1	5181	5081	5004	5089	1.74	cps
Cadmium	111-1	2467	2297	2352	2372	3.65	cps
Calcium	43-1	11291	11441	11715	11482	1.87	cps
Calcium	44-1	188736	187695	190537	188989	0.76	cps
Carbon	12-1	2281673	2308161	2284919	2291585	0.63	cps
Carbon	12-2	25823	26000	25910	25911	0.34	cps
Chlorine	35-1	143197	145964	146533	145231	1.23	cps
Chlorine	35-2	1147	947	1003	1032	9.99	cps
Chromium	52-2	5144	5228	5058	5143	1.65	cps
Cobalt	59-2	3841	3827	4154	3941	4.69	cps
Copper	63-2	7429	7522	7312	7421	1.42	cps
Dysprosium	156-1	17	30	30	26	30.11	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	67	90	120	92	28.99	cps
Erbium	164-2	27	33	50	37	32.78	cps
Gadolinium	160-1	77	57	93	76	24.29	cps
Gadolinium	160-2	253	277	217	249	12.15	cps
Holmium	165-1	13219706	12833449	13103375	13052177	1.52	cps
Holmium	165-2	5969913	6288197	5958276	6072129	3.08	cps
Indium	115-1	10442514	9992899	10481732	10305715	2.64	cps
Indium	115-2	1654314	1678290	1600933	1644513	2.41	cps
Iron	54-2	5204	4988	5054	5082	2.18	cps
Iron	56-2	88778	88459	88630	88622	0.18	cps
Iron	57-2	2187	2337	2274	2266	3.32	cps
Krypton	83-1	237	223	200	220	8.44	cps
Lead	206-1	6075	6658	6362	6365	4.58	cps

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 17:08:47	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	5775	5701	5718	5731	0.67	cps
Lead	208-1	25764	26067	25897	25909	0.59	cps
Lithium	6-1	4024403	4009890	4210400	4081564	2.74	cps
Magnesium	24-2	82485	81232	81603	81773	0.79	cps
Manganese	55-2	1140	1207	1290	1212	6.20	cps
Molybdenum	94-1	15248	14985	15038	15091	0.92	cps
Molybdenum	95-1	18416	18462	18593	18490	0.50	cps
Molybdenum	96-1	20966	19981	20258	20402	2.49	cps
Molybdenum	97-1	11431	11785	11288	11502	2.22	cps
Molybdenum	98-1	29592	29428	29114	29378	0.83	cps
Neodymium	150-1	13	3	23	13	75.02	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1237	1267	1253	1252	1.20	cps
Phosphorus	31-2	203	230	257	230	11.59	cps
Potassium	39-2	71644	71690	71526	71620	0.12	cps
Rhodium	103-1	9970869	9724730	9958148	9884582	1.40	cps
Rhodium	103-2	4660542	4777986	4410339	4616289	4.07	cps
Scandium	45-1	6840869	6774695	6825655	6813740	0.51	cps
Scandium	45-2	216729	224652	213290	218224	2.67	cps
Selenium	82-1	553	607	720	627	13.58	cps
Selenium	77-2	20	20	17	19	10.18	cps
Selenium	78-2	97	127	67	97	31.03	cps
Silicon	28-1	250437	252145	251088	251223	0.34	cps
Silver	107-1	8693	8623	8916	8744	1.75	cps
Silver	109-1	8209	8192	8699	8367	3.44	cps
Sodium	23-2	185522	182196	183483	183734	0.91	cps
Strontium	86-1	2554	2824	2810	2729	5.58	cps
Strontium	88-1	20565	20549	20742	20619	0.52	cps
Sulfur	34-1	379862	378397	379277	379179	0.19	cps
Terbium	159-1	13518661	13364625	13527436	13470241	0.68	cps
Terbium	159-2	5941586	6141608	5879377	5987524	2.29	cps
Thallium	203-1	7215	7239	7222	7225	0.17	cps
Thallium	205-1	17252	17021	16854	17042	1.17	cps
Tin	118-1	30598	30261	30979	30612	1.17	cps
Titanium	47-1	5361	5301	5428	5363	1.18	cps
Uranium	238-1	23144	23228	23285	23219	0.30	cps

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 17:08:47	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	7776	7315	8312	7801	6.40	cps
Ytterbium	172-1	113	77	80	90	22.53	cps
Ytterbium	172-2	30	50	43	41	24.77	cps
Ytterbium	176-1	1717	1710	1787	1738	2.44	cps
Ytterbium	176-2	22810	23571	23024	23135	1.70	cps
Yttrium	89-1	16848701	16615187	17034520	16832803	1.25	cps
Yttrium	89-2	1875979	1951580	1854038	1893866	2.70	cps
Zinc	66-2	2344	2087	2184	2205	5.88	cps
Zirconium	90-1	12606	12466	12703	12591	0.95	cps
Zirconium	91-1	2577	2734	2860	2724	5.21	cps

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 17:16:16	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	57	63	60	60	5.55	cps
Antimony	121-1	110	137	147	131	14.46	cps
Arsenic	75-2	3	3	0	2	86.60	cps
Barium	135-1	43	80	53	59	32.19	cps
Barium	137-1	127	107	117	117	8.57	cps
Beryllium	9-1	125	139	129	131	5.43	cps
Bismuth	209-1	8394703	8252888	8742422	8463338	2.98	cps
Bismuth	209-2	4495990	4601111	4669155	4588752	1.90	cps
Bromine	81-1	4131	4227	4204	4187	1.20	cps
Cadmium	108-1	43	10	17	23	75.58	cps
Cadmium	106-1	5254	5064	5311	5210	2.48	cps
Cadmium	111-1	515	516	536	522	2.27	cps
Calcium	43-1	207	240	187	211	12.76	cps
Calcium	44-1	7512	7102	7989	7534	5.89	cps
Carbon	12-1	2310970	2262668	2288297	2287312	1.06	cps
Carbon	12-2	24941	25666	25399	25335	1.45	cps
Chlorine	35-1	132870	134817	134114	133934	0.74	cps
Chlorine	35-2	840	820	823	828	1.29	cps
Chromium	52-2	1053	1020	1180	1084	7.78	cps
Cobalt	59-2	67	123	130	107	32.62	cps
Copper	63-2	1577	1623	1557	1586	2.16	cps
Dysprosium	156-1	43	23	23	30	38.49	cps
Dysprosium	156-2	10	7	0	6	91.64	cps
Erbium	164-1	83	93	110	96	14.10	cps
Erbium	164-2	60	70	43	58	23.32	cps
Gadolinium	160-1	80	60	70	70	14.29	cps
Gadolinium	160-2	193	257	243	231	14.45	cps
Holmium	165-1	13141926	12895122	13397967	13145005	1.91	cps
Holmium	165-2	6038092	6175872	6228811	6147592	1.60	cps
Indium	115-1	10028397	9954679	10297422	10093499	1.79	cps
Indium	115-2	1627034	1679277	1700197	1668836	2.26	cps
Iron	54-2	467	373	367	402	13.90	cps
Iron	56-2	3580	3634	3861	3692	4.03	cps
Iron	57-2	163	220	190	191	14.83	cps
Krypton	83-1	193	190	280	221	23.08	cps
Lead	206-1	653	633	647	644	1.58	cps

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 17:16:16	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	550	613	550	571	6.40	cps
Lead	208-1	2727	2683	2547	2652	3.54	cps
Lithium	6-1	4063925	4116561	4271018	4150501	2.59	cps
Magnesium	24-2	350	320	377	349	8.13	cps
Manganese	55-2	193	170	163	176	8.97	cps
Molybdenum	94-1	357	357	327	347	5.00	cps
Molybdenum	95-1	197	247	173	206	18.23	cps
Molybdenum	96-1	197	283	217	232	19.54	cps
Molybdenum	97-1	107	117	77	100	20.82	cps
Molybdenum	98-1	277	303	307	296	5.56	cps
Neodymium	150-1	13	10	3	9	57.30	cps
Neodymium	150-2	7	0	7	4	86.60	cps
Nickel	60-2	323	347	283	318	10.08	cps
Phosphorus	31-2	190	127	127	148	24.74	cps
Potassium	39-2	16486	17190	17154	16943	2.34	cps
Rhodium	103-1	9700712	9693691	9973633	9789345	1.63	cps
Rhodium	103-2	4582252	4764544	4601435	4649410	2.15	cps
Scandium	45-1	6871142	6713350	6909457	6831316	1.52	cps
Scandium	45-2	216534	219921	225164	220540	1.97	cps
Selenium	82-1	13	67	-17	21	199.96	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	13	3	23	13	75.02	cps
Silicon	28-1	221569	221839	222643	222017	0.25	cps
Silver	107-1	130	173	97	133	28.83	cps
Silver	109-1	43	60	87	63	34.52	cps
Sodium	23-2	38718	38775	39056	38849	0.47	cps
Strontium	86-1	433	447	380	420	8.40	cps
Strontium	88-1	723	757	720	733	2.76	cps
Sulfur	34-1	374639	382530	383161	380110	1.25	cps
Terbium	159-1	13348034	13337753	13945861	13543883	2.57	cps
Terbium	159-2	5924615	6171482	6109692	6068596	2.12	cps
Thallium	203-1	137	153	150	147	6.01	cps
Thallium	205-1	340	413	360	371	10.22	cps
Tin	118-1	1714	1614	1750	1693	4.18	cps
Titanium	47-1	97	120	93	103	14.06	cps
Uranium	238-1	30	47	70	49	41.10	cps

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 17:16:16	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	10	40	10	20	86.60	cps
Ytterbium	172-1	87	67	70	74	14.39	cps
Ytterbium	172-2	37	40	27	34	20.14	cps
Ytterbium	176-1	1783	1803	1737	1775	1.93	cps
Ytterbium	176-2	22977	23368	23074	23140	0.88	cps
Yttrium	89-1	16869754	16457559	17398098	16908470	2.79	cps
Yttrium	89-2	1877127	1923010	1903162	1901100	1.21	cps
Zinc	66-2	367	357	360	361	1.41	cps
Zirconium	90-1	587	583	680	617	8.90	cps
Zirconium	91-1	110	183	127	140	27.46	cps

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 17:19:37	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5764999	5544073	5738488	5682520	2.12	cps
Antimony	121-1	8012	8059	8296	8122	1.87	cps
Arsenic	75-2	73	53	70	66	16.35	cps
Barium	135-1	2464	2634	2844	2647	7.19	cps
Barium	137-1	4321	4491	4521	4444	2.43	cps
Beryllium	9-1	572	614	622	603	4.43	cps
Bismuth	209-1	8337672	8410925	8204945	8317847	1.26	cps
Bismuth	209-2	4196160	4171383	4358937	4242160	2.40	cps
Bromine	81-1	4671	4858	4821	4783	2.07	cps
Cadmium	108-1	2147	1893	2187	2076	7.66	cps
Cadmium	106-1	5378	5394	5121	5298	2.89	cps
Cadmium	111-1	1469	1628	1448	1515	6.48	cps
Calcium	43-1	2426273	2438076	2394537	2419629	0.93	cps
Calcium	44-1	38483183	39041506	38389380	38638023	0.91	cps
Carbon	12-1	15593713	16069159	16152099	15938324	1.89	cps
Carbon	12-2	179304	172538	175775	175873	1.92	cps
Chlorine	35-1	14861895	18154167	19750504	17588855	14.17	cps
Chlorine	35-2	140188	141289	146422	142633	2.33	cps
Chromium	52-2	40755	41015	41467	41079	0.88	cps
Cobalt	59-2	4544	4341	4494	4460	2.38	cps
Copper	63-2	23680	23416	23707	23601	0.68	cps
Dysprosium	156-1	57	50	60	56	9.17	cps
Dysprosium	156-2	10	10	13	11	17.30	cps
Erbium	164-1	167	133	103	134	23.57	cps
Erbium	164-2	37	63	37	46	33.79	cps
Gadolinium	160-1	123	113	100	112	10.43	cps
Gadolinium	160-2	260	283	250	264	6.47	cps
Holmium	165-1	13850526	13780386	13240203	13623705	2.45	cps
Holmium	165-2	5975214	5966053	6212039	6051102	2.30	cps
Indium	115-1	10396630	10297002	9886934	10193522	2.65	cps
Indium	115-2	1524596	1569772	1629363	1574577	3.34	cps
Iron	54-2	9470284	9262111	9346547	9359647	1.12	cps
Iron	56-2	168040488	166723391	169264147	168009342	0.76	cps
Iron	57-2	4429973	4241305	4305112	4325464	2.22	cps
Krypton	83-1	210	200	213	208	3.34	cps
Lead	206-1	41503	36548	35539	37863	8.43	cps

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 17:19:37	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	33403	29898	29407	30903	7.05	cps
Lead	208-1	157720	141207	138070	145665	7.25	cps
Lithium	6-1	3877844	3742950	3654328	3758374	2.99	cps
Magnesium	24-2	15754811	14998659	15484502	15412657	2.49	cps
Manganese	55-2	8469	8249	8356	8358	1.32	cps
Molybdenum	94-1	4392129	4399360	4445638	4412376	0.66	cps
Molybdenum	95-1	7702430	7678857	7888262	7756516	1.48	cps
Molybdenum	96-1	8158335	8310213	8440131	8302893	1.70	cps
Molybdenum	97-1	4642364	4820567	4749465	4737465	1.89	cps
Molybdenum	98-1	12379463	12614684	12625619	12539922	1.11	cps
Neodymium	150-1	40	43	47	43	7.70	cps
Neodymium	150-2	10	7	20	12	56.76	cps
Nickel	60-2	5168	5448	5481	5366	3.21	cps
Phosphorus	31-2	265952	263647	267792	265797	0.78	cps
Potassium	39-2	11268609	11083887	11064551	11139016	1.01	cps
Rhodium	103-1	9525809	9735244	9251759	9504271	2.55	cps
Rhodium	103-2	4187021	4255544	4344249	4262271	1.85	cps
Scandium	45-1	6744843	6773095	6593409	6703783	1.44	cps
Scandium	45-2	202789	205357	213728	207291	2.76	cps
Selenium	82-1	-3	23	-23	-1	-2109.82	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	20	23	37	27	33.08	cps
Silicon	28-1	338300	334590	333712	335534	0.73	cps
Silver	107-1	293	337	377	336	12.42	cps
Silver	109-1	263	283	330	292	11.71	cps
Sodium	23-2	29653835	28491079	29147960	29097624	2.00	cps
Strontium	86-1	82401	82066	84151	82873	1.35	cps
Strontium	88-1	698873	702344	713940	705052	1.12	cps
Sulfur	34-1	3311343	3315594	3240207	3289048	1.29	cps
Terbium	159-1	13854782	14114113	13577410	13848768	1.94	cps
Terbium	159-2	5821638	5876275	6048723	5915545	2.00	cps
Thallium	203-1	897	937	800	878	8.00	cps
Thallium	205-1	2120	2124	2167	2137	1.22	cps
Tin	118-1	2976	3837	3207	3340	13.34	cps
Titanium	47-1	2325131	2329082	2259478	2304564	1.70	cps
Uranium	238-1	443	473	543	487	10.54	cps

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 17:19:37	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	317	220	290	276	18.12	cps
Ytterbium	172-1	107	100	87	98	10.41	cps
Ytterbium	172-2	30	67	73	57	41.18	cps
Ytterbium	176-1	2074	1970	1777	1940	7.76	cps
Ytterbium	176-2	22233	22406	23695	22778	3.51	cps
Yttrium	89-1	17502997	17454642	16463430	17140356	3.42	cps
Yttrium	89-2	1787453	1850860	1888756	1842357	2.78	cps
Zinc	66-2	4194	4457	4271	4307	3.15	cps
Zirconium	90-1	847	887	873	869	2.34	cps
Zirconium	91-1	160	157	167	161	3.16	cps

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 17:22:48	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5761165	5868192	5835493	5821617	0.94	cps
Antimony	121-1	157391	156794	158494	157560	0.55	cps
Arsenic	75-2	3954	4057	4084	4032	1.70	cps
Barium	135-1	38184	39193	38595	38657	1.31	cps
Barium	137-1	66269	66945	65980	66398	0.75	cps
Beryllium	9-1	37014	37123	36939	37025	0.25	cps
Bismuth	209-1	8237076	8587882	8059494	8294817	3.24	cps
Bismuth	209-2	4198033	4412907	4457513	4356151	3.18	cps
Bromine	81-1	5138	5571	5381	5363	4.05	cps
Cadmium	108-1	5231	5118	5188	5179	1.10	cps
Cadmium	106-1	10351	10594	10688	10544	1.65	cps
Cadmium	111-1	36308	37348	37359	37005	1.63	cps
Calcium	43-1	2449265	2441890	2378515	2423223	1.61	cps
Calcium	44-1	39301841	38582009	38945019	38942956	0.92	cps
Carbon	12-1	15614196	16903541	16269672	16262470	3.96	cps
Carbon	12-2	188260	187248	188195	187901	0.30	cps
Chlorine	35-1	21274791	23282932	24495651	23017792	7.07	cps
Chlorine	35-2	165292	173849	176993	172045	3.52	cps
Chromium	52-2	83580	85266	83898	84248	1.06	cps
Cobalt	59-2	79554	80959	80711	80408	0.93	cps
Copper	63-2	81251	82146	82837	82078	0.97	cps
Dysprosium	156-1	70	57	40	56	27.06	cps
Dysprosium	156-2	17	33	17	22	43.28	cps
Erbium	164-1	117	137	153	136	13.54	cps
Erbium	164-2	63	60	57	60	5.55	cps
Gadolinium	160-1	127	83	107	106	20.55	cps
Gadolinium	160-2	203	333	257	264	24.71	cps
Holmium	165-1	13655956	14217315	13621373	13831548	2.42	cps
Holmium	165-2	5879033	6189023	6272072	6113376	3.39	cps
Indium	115-1	10025507	10525410	10188428	10246448	2.49	cps
Indium	115-2	1557066	1645342	1610858	1604422	2.77	cps
Iron	54-2	9503659	9865142	9504642	9624481	2.17	cps
Iron	56-2	174810584	176612364	178891831	176771593	1.16	cps
Iron	57-2	4532193	4522151	4552807	4535717	0.34	cps
Krypton	83-1	220	217	207	214	3.24	cps
Lead	206-1	168652	169764	170829	169748	0.64	cps

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 17:22:48	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	142741	140086	143811	142212	1.35	cps
Lead	208-1	658836	656083	665267	660062	0.71	cps
Lithium	6-1	3652533	3729991	3554125	3645550	2.42	cps
Magnesium	24-2	15467679	15815640	16051004	15778108	1.86	cps
Manganese	55-2	29457	30553	30048	30019	1.83	cps
Molybdenum	94-1	4790320	4784303	4844685	4806436	0.69	cps
Molybdenum	95-1	8131954	8048836	8260220	8147003	1.31	cps
Molybdenum	96-1	8799157	8390931	8994495	8728194	3.53	cps
Molybdenum	97-1	4949461	4911399	5085718	4982193	1.84	cps
Molybdenum	98-1	13289025	13035891	13542488	13289135	1.91	cps
Neodymium	150-1	40	47	33	40	16.68	cps
Neodymium	150-2	20	10	20	17	34.64	cps
Nickel	60-2	25897	26585	25556	26013	2.01	cps
Phosphorus	31-2	269893	275678	276609	274060	1.33	cps
Potassium	39-2	11467451	11766219	11759504	11664391	1.46	cps
Rhodium	103-1	9684375	10032461	9639312	9785383	2.20	cps
Rhodium	103-2	4196437	4422311	4421033	4346594	2.99	cps
Scandium	45-1	6787214	6944768	6716339	6816107	1.72	cps
Scandium	45-2	205564	211897	215000	210820	2.28	cps
Selenium	82-1	2537	2520	2680	2579	3.41	cps
Selenium	77-2	80	80	87	82	4.68	cps
Selenium	78-2	263	307	303	291	8.28	cps
Silicon	28-1	609690	609924	617988	612534	0.77	cps
Silver	107-1	183240	187397	186829	185822	1.21	cps
Silver	109-1	177370	177283	177890	177514	0.19	cps
Sodium	23-2	29455110	30547954	30452697	30151920	2.01	cps
Strontium	86-1	204233	211279	212772	209428	2.18	cps
Strontium	88-1	1902048	1870142	1899434	1890541	0.94	cps
Sulfur	34-1	3317238	3266673	3247157	3277023	1.10	cps
Terbium	159-1	14054493	14487460	13867548	14136500	2.25	cps
Terbium	159-2	5786035	6090257	6285553	6053949	4.16	cps
Thallium	203-1	167215	167181	169315	167903	0.73	cps
Thallium	205-1	395738	396210	405211	399053	1.34	cps
Tin	118-1	335165	335709	340516	337130	0.87	cps
Titanium	47-1	2395015	2361092	2334778	2363628	1.28	cps
Uranium	238-1	1300704	1314925	1330837	1315489	1.15	cps

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 17:22:48	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	32497	33710	33439	33215	1.92	cps
Ytterbium	172-1	103	113	83	100	15.28	cps
Ytterbium	172-2	47	47	67	53	21.65	cps
Ytterbium	176-1	3611	3704	3594	3636	1.63	cps
Ytterbium	176-2	22716	23919	24790	23808	4.37	cps
Yttrium	89-1	17324530	17833779	17222181	17460163	1.88	cps
Yttrium	89-2	1804359	1908935	1903733	1872343	3.15	cps
Zinc	66-2	11308	11191	12065	11521	4.12	cps
Zirconium	90-1	659338	664877	668098	664104	0.67	cps
Zirconium	91-1	148091	146899	145504	146831	0.88	cps

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 17:26:31	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3137643	3113513	3183671	3144943	1.13	cps
Antimony	121-1	3888013	3949516	3920569	3919366	0.79	cps
Arsenic	75-2	100200	100324	98904	99810	0.79	cps
Barium	135-1	4716850	4873424	4887962	4826079	1.97	cps
Barium	137-1	8146401	8384208	8155087	8228565	1.64	cps
Beryllium	9-1	891470	923507	920647	911875	1.94	cps
Bismuth	209-1	8372247	8347698	8389974	8369973	0.25	cps
Bismuth	209-2	4401986	4273468	4342596	4339350	1.48	cps
Bromine	81-1	4948	4617	4711	4759	3.58	cps
Cadmium	108-1	74289	73924	74336	74183	0.30	cps
Cadmium	106-1	105697	107643	109427	107589	1.73	cps
Cadmium	111-1	888946	891261	891596	890601	0.16	cps
Calcium	43-1	6386885	6523369	6484216	6464824	1.09	cps
Calcium	44-1	102543758	105042632	103712515	103766302	1.20	cps
Carbon	12-1	2683172	2759489	2793477	2745379	2.06	cps
Carbon	12-2	35343	34511	34975	34943	1.19	cps
Chlorine	35-1	4332810	4026478	3718701	4025996	7.63	cps
Chlorine	35-2	19957	19647	18161	19255	4.98	cps
Chromium	52-2	1089060	1084016	1091931	1088336	0.37	cps
Cobalt	59-2	2028571	2015894	2026526	2023664	0.34	cps
Copper	63-2	15991869	15915468	16311926	16073087	1.31	cps
Dysprosium	156-1	307	180	197	228	30.22	cps
Dysprosium	156-2	153	147	177	159	9.91	cps
Erbium	164-1	270	320	320	303	9.52	cps
Erbium	164-2	127	110	87	108	18.64	cps
Gadolinium	160-1	203	223	267	231	14.01	cps
Gadolinium	160-2	333	303	333	323	5.36	cps
Holmium	165-1	14433300	14001514	14376127	14270314	1.64	cps
Holmium	165-2	6355970	6195950	6281972	6277964	1.28	cps
Indium	115-1	10309412	10223752	10357277	10296814	0.66	cps
Indium	115-2	1669574	1606532	1644466	1640191	1.93	cps
Iron	54-2	12592773	12488369	12329276	12470139	1.06	cps
Iron	56-2	227351957	227969510	227636650	227652705	0.14	cps
Iron	57-2	5806525	5839322	5807780	5817876	0.32	cps
Krypton	83-1	233	247	263	248	6.07	cps
Lead	206-1	16588632	16564218	16527666	16560172	0.19	cps

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 17:26:31	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	14453219	14395350	14415171	14421246	0.20	cps
Lead	208-1	66073170	66470091	66469163	66337475	0.35	cps
Lithium	6-1	3725787	3673599	3679619	3693001	0.77	cps
Magnesium	24-2	44017963	44597473	44479651	44365029	0.69	cps
Manganese	55-2	5898514	5797844	5804606	5833655	0.96	cps
Molybdenum	94-1	15490461	15737281	15748135	15658626	0.93	cps
Molybdenum	95-1	23000091	23800527	23075046	23291888	1.90	cps
Molybdenum	96-1	24953321	25629595	25252242	25278386	1.34	cps
Molybdenum	97-1	14198289	14105067	14131736	14145031	0.34	cps
Molybdenum	98-1	37180947	37496769	37518675	37398797	0.51	cps
Neodymium	150-1	370	350	343	354	3.92	cps
Neodymium	150-2	47	43	60	50	17.64	cps
Nickel	60-2	516271	509973	516446	514230	0.72	cps
Phosphorus	31-2	30065	29714	29637	29805	0.76	cps
Potassium	39-2	15278278	15662779	15549208	15496755	1.27	cps
Rhodium	103-1	9836877	9444684	9688147	9656569	2.05	cps
Rhodium	103-2	4432410	4247213	4355608	4345077	2.14	cps
Scandium	45-1	6954677	6740072	6873949	6856232	1.58	cps
Scandium	45-2	215576	213289	218546	215803	1.22	cps
Selenium	82-1	63464	63079	64365	63636	1.04	cps
Selenium	77-2	1910	1937	2184	2010	7.50	cps
Selenium	78-2	6872	7225	7089	7062	2.52	cps
Silicon	28-1	6681909	6740729	6657321	6693320	0.64	cps
Silver	107-1	5018269	5017556	5018836	5018220	0.01	cps
Silver	109-1	4728006	4711764	4759016	4732929	0.51	cps
Sodium	23-2	78564889	76829762	78652479	78015710	1.32	cps
Strontium	86-1	32811700	32675401	32989120	32825407	0.48	cps
Strontium	88-1	283629642	278913309	283269496	281937482	0.93	cps
Sulfur	34-1	721770	731150	724385	725768	0.67	cps
Terbium	159-1	14531286	14151520	14483054	14388620	1.44	cps
Terbium	159-2	6136152	6042975	6188325	6122484	1.20	cps
Thallium	203-1	4207770	4105838	4115982	4143196	1.36	cps
Thallium	205-1	9529134	9532849	9630780	9564255	0.60	cps
Tin	118-1	3510520	3598015	3561664	3556733	1.24	cps
Titanium	47-1	6536032	6516223	6618410	6556888	0.83	cps
Uranium	238-1	13947525	13894035	14043487	13961682	0.54	cps

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 17:26:31	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	854534	870940	865438	863638	0.97	cps
Ytterbium	172-1	277	283	217	259	14.18	cps
Ytterbium	172-2	150	157	110	139	18.17	cps
Ytterbium	176-1	19535	19738	19681	19651	0.53	cps
Ytterbium	176-2	31902	31154	32136	31730	1.62	cps
Yttrium	89-1	17926426	17538884	17734258	17733189	1.09	cps
Yttrium	89-2	1927524	1885051	1941898	1918158	1.54	cps
Zinc	66-2	1988326	1978527	2008540	1991798	0.77	cps
Zirconium	90-1	7238798	7250553	7384268	7291206	1.11	cps
Zirconium	91-1	1615154	1659930	1636313	1637132	1.37	cps

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 17:41:49	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	220	213	210	214	2.38	cps
Antimony	121-1	323	367	467	386	19.07	cps
Arsenic	75-2	7	7	0	4	86.60	cps
Barium	135-1	220	240	123	194	32.08	cps
Barium	137-1	297	307	290	298	2.82	cps
Beryllium	9-1	145	175	151	157	10.08	cps
Bismuth	209-1	8957647	8241865	8657950	8619154	4.17	cps
Bismuth	209-2	4538508	4569553	4435811	4514624	1.55	cps
Bromine	81-1	4914	5134	4818	4955	3.28	cps
Cadmium	108-1	27	30	17	24	28.38	cps
Cadmium	106-1	4871	4661	4998	4843	3.51	cps
Cadmium	111-1	552	488	511	517	6.20	cps
Calcium	43-1	470	413	460	448	6.75	cps
Calcium	44-1	12025	11535	11338	11633	3.04	cps
Carbon	12-1	1990124	2022344	2033065	2015178	1.11	cps
Carbon	12-2	22701	22100	22087	22296	1.57	cps
Chlorine	35-1	529544	526118	514839	523500	1.47	cps
Chlorine	35-2	3277	3324	3117	3239	3.35	cps
Chromium	52-2	1203	1070	1020	1098	8.64	cps
Cobalt	59-2	180	133	110	141	25.26	cps
Copper	63-2	2154	2320	2150	2208	4.40	cps
Dysprosium	156-1	20	17	30	22	31.22	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	120	70	120	103	27.94	cps
Erbium	164-2	57	30	23	37	48.11	cps
Gadolinium	160-1	60	67	70	66	7.77	cps
Gadolinium	160-2	283	250	277	270	6.53	cps
Holmium	165-1	13907222	12859198	13771497	13512639	4.22	cps
Holmium	165-2	6152025	6158970	5863221	6058072	2.79	cps
Indium	115-1	10535347	10004139	10653101	10397529	3.33	cps
Indium	115-2	1662411	1677267	1584042	1641240	3.05	cps
Iron	54-2	1023	913	727	888	16.89	cps
Iron	56-2	13266	11371	11145	11927	9.77	cps
Iron	57-2	423	353	350	376	11.03	cps
Krypton	83-1	213	217	190	207	7.03	cps
Lead	206-1	1677	1647	1460	1595	7.36	cps

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 17:41:49	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1297	1173	1103	1191	8.22	cps
Lead	208-1	6284	5871	5451	5868	7.10	cps
Lithium	6-1	3775043	3522303	3855516	3717621	4.68	cps
Magnesium	24-2	1867	1477	1407	1583	15.66	cps
Manganese	55-2	273	260	293	276	6.09	cps
Molybdenum	94-1	1060	943	963	989	6.31	cps
Molybdenum	95-1	1247	1087	940	1091	14.06	cps
Molybdenum	96-1	1390	1083	1150	1208	13.36	cps
Molybdenum	97-1	813	610	610	678	17.32	cps
Molybdenum	98-1	1927	1623	1637	1729	9.92	cps
Neodymium	150-1	17	3	3	8	99.04	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	217	267	240	241	10.38	cps
Phosphorus	31-2	177	220	177	191	13.09	cps
Potassium	39-2	18285	18522	17991	18266	1.46	cps
Rhodium	103-1	9984790	9458083	10193964	9878946	3.84	cps
Rhodium	103-2	4560706	4668786	4451243	4560245	2.39	cps
Scandium	45-1	6855395	6557017	6938312	6783575	2.96	cps
Scandium	45-2	212387	215780	207777	211981	1.90	cps
Selenium	82-1	-20	-30	-30	-27	-21.65	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	10	10	33	18	75.77	cps
Silicon	28-1	209732	209466	210429	209876	0.24	cps
Silver	107-1	857	630	617	701	19.24	cps
Silver	109-1	533	547	600	560	6.30	cps
Sodium	23-2	44678	43859	43364	43967	1.51	cps
Strontium	86-1	1330	1320	1297	1316	1.30	cps
Strontium	88-1	9123	8052	7726	8300	8.81	cps
Sulfur	34-1	362395	359644	357727	359922	0.65	cps
Terbium	159-1	14199299	13307599	14458230	13988376	4.32	cps
Terbium	159-2	6139547	6107082	5857387	6034672	2.56	cps
Thallium	203-1	803	733	753	763	4.72	cps
Thallium	205-1	1930	1777	1773	1827	4.90	cps
Tin	118-1	1678	1778	1957	1804	7.85	cps
Titanium	47-1	387	297	357	347	13.22	cps
Uranium	238-1	520	410	430	453	12.93	cps

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 17:41:49	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	23	13	20	19	26.96	cps
Ytterbium	172-1	100	73	80	84	16.44	cps
Ytterbium	172-2	40	60	33	44	31.23	cps
Ytterbium	176-1	1853	1790	1790	1811	2.02	cps
Ytterbium	176-2	23097	23848	22095	23014	3.82	cps
Yttrium	89-1	17567650	16148305	17841756	17185904	5.29	cps
Yttrium	89-2	1879775	1927849	1822725	1876783	2.80	cps
Zinc	66-2	440	393	437	423	6.15	cps
Zirconium	90-1	933	937	957	942	1.34	cps
Zirconium	91-1	223	237	213	224	5.21	cps

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 18:00:06	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1240	1173	1170	1195	3.31	cps
Antimony	121-1	14214	14147	13987	14116	0.83	cps
Arsenic	75-2	203	183	227	204	10.61	cps
Barium	135-1	16537	16917	16934	16796	1.34	cps
Barium	137-1	28183	29034	29088	28768	1.77	cps
Beryllium	9-1	2042	1922	1976	1980	3.04	cps
Bismuth	209-1	8399824	8589681	8788625	8592710	2.26	cps
Bismuth	209-2	4649404	4609823	4669647	4642958	0.66	cps
Bromine	81-1	4674	4644	5034	4784	4.54	cps
Cadmium	108-1	153	103	157	138	21.69	cps
Cadmium	106-1	5248	5418	5595	5420	3.20	cps
Cadmium	111-1	2168	2256	2163	2196	2.39	cps
Calcium	43-1	11635	11918	11735	11763	1.22	cps
Calcium	44-1	191552	193813	192397	192587	0.59	cps
Carbon	12-1	2134267	2121878	2135168	2130438	0.35	cps
Carbon	12-2	23305	23168	23225	23233	0.30	cps
Chlorine	35-1	274230	277236	274040	275169	0.65	cps
Chlorine	35-2	1697	1820	1780	1766	3.56	cps
Chromium	52-2	5101	5221	4894	5072	3.26	cps
Cobalt	59-2	4017	4094	4147	4086	1.60	cps
Copper	63-2	7382	7789	7472	7548	2.83	cps
Dysprosium	156-1	23	30	17	23	28.56	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	83	103	107	98	12.91	cps
Erbium	164-2	47	53	47	49	7.86	cps
Gadolinium	160-1	37	60	87	61	40.94	cps
Gadolinium	160-2	227	290	253	257	12.39	cps
Holmium	165-1	13567743	13417564	13683652	13556320	0.98	cps
Holmium	165-2	6226318	6205389	6222549	6218085	0.18	cps
Indium	115-1	10125041	10152642	10516949	10264877	2.13	cps
Indium	115-2	1709190	1677439	1651772	1679467	1.71	cps
Iron	54-2	5194	5178	4978	5117	2.36	cps
Iron	56-2	87986	87295	88046	87776	0.48	cps
Iron	57-2	2314	2264	2370	2316	2.30	cps
Krypton	83-1	163	207	243	204	19.59	cps
Lead	206-1	6758	6685	6742	6728	0.57	cps

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 18:00:06	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	6038	6085	6058	6060	0.39	cps
Lead	208-1	26721	26678	26801	26733	0.23	cps
Lithium	6-1	3910720	3852094	3913568	3892127	0.89	cps
Magnesium	24-2	83015	81543	82391	82316	0.90	cps
Manganese	55-2	1210	1180	1173	1188	1.64	cps
Molybdenum	94-1	15238	15092	15385	15238	0.96	cps
Molybdenum	95-1	17992	18142	17598	17910	1.57	cps
Molybdenum	96-1	19981	20512	20068	20187	1.41	cps
Molybdenum	97-1	10501	10884	11341	10909	3.86	cps
Molybdenum	98-1	28686	29304	29538	29176	1.51	cps
Neodymium	150-1	7	10	13	10	33.30	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	1147	1303	1183	1211	6.77	cps
Phosphorus	31-2	203	267	257	242	14.06	cps
Potassium	39-2	71848	71697	72176	71907	0.34	cps
Rhodium	103-1	9872643	9839640	10047024	9919769	1.12	cps
Rhodium	103-2	4741912	4591266	4701113	4678097	1.67	cps
Scandium	45-1	6817978	6838932	6849121	6835344	0.23	cps
Scandium	45-2	216377	217190	216394	216654	0.21	cps
Selenium	82-1	783	627	590	667	15.40	cps
Selenium	77-2	33	27	13	24	41.66	cps
Selenium	78-2	73	73	103	83	20.79	cps
Silicon	28-1	238498	238941	239625	239022	0.24	cps
Silver	107-1	9250	9397	9567	9404	1.69	cps
Silver	109-1	8556	8603	8589	8583	0.28	cps
Sodium	23-2	183159	182331	184056	183182	0.47	cps
Strontium	86-1	2834	2880	2697	2804	3.40	cps
Strontium	88-1	21283	20261	20766	20770	2.46	cps
Sulfur	34-1	378701	375230	375338	376423	0.52	cps
Terbium	159-1	13686314	13740530	13965372	13797405	1.07	cps
Terbium	159-2	6104108	6093560	6069490	6089053	0.29	cps
Thallium	203-1	7602	8093	7742	7812	3.23	cps
Thallium	205-1	18173	18443	18537	18384	1.03	cps
Tin	118-1	31387	31022	31877	31429	1.37	cps
Titanium	47-1	5311	5561	5371	5414	2.41	cps
Uranium	238-1	23358	23478	23655	23497	0.64	cps

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 18:00:06	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	7802	7856	7699	7786	1.02	cps
Ytterbium	172-1	60	73	97	77	24.21	cps
Ytterbium	172-2	30	27	43	33	26.45	cps
Ytterbium	176-1	1757	1847	1740	1781	3.22	cps
Ytterbium	176-2	23084	24299	23591	23658	2.58	cps
Yttrium	89-1	16946347	17287574	17625083	17286335	1.96	cps
Yttrium	89-2	1931660	1908696	1909868	1916741	0.67	cps
Zinc	66-2	2337	2284	2180	2267	3.51	cps
Zirconium	90-1	13110	12906	12736	12917	1.45	cps
Zirconium	91-1	2557	2700	2904	2720	6.41	cps

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	P2252-10	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 18:09:38	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4626152	4819208	4687352	4710904	2.09	cps
Antimony	121-1	2505557	2544847	2557037	2535813	1.06	cps
Arsenic	75-2	588749	574101	587826	583559	1.41	cps
Barium	135-1	15023196	15380354	15343406	15248985	1.29	cps
Barium	137-1	25865242	26297373	26048002	26070206	0.83	cps
Beryllium	9-1	674745	678743	664056	672515	1.13	cps
Bismuth	209-1	8973400	8697840	8846164	8839135	1.56	cps
Bismuth	209-2	4498395	4707414	4458144	4554651	2.94	cps
Bromine	81-1	43370	47527	49236	46711	6.46	cps
Cadmium	108-1	285894	285726	283533	285051	0.46	cps
Cadmium	106-1	391836	396981	389142	392653	1.01	cps
Cadmium	111-1	4266187	4184306	4313497	4254663	1.54	cps
Calcium	43-1	4520491	4638118	4730924	4629844	2.28	cps
Calcium	44-1	74769899	75753114	75523427	75348813	0.68	cps
Carbon	12-1	5238711	5420526	5578306	5412514	3.14	cps
Carbon	12-2	63681	63289	61505	62825	1.85	cps
Chlorine	35-1	302108056	320752822	333426168	318762349	4.94	cps
Chlorine	35-2	2226058	2223943	2285633	2245211	1.56	cps
Chromium	52-2	3427815	3289301	3449602	3388906	2.57	cps
Cobalt	59-2	6155651	6150348	6135267	6147089	0.17	cps
Copper	63-2	5447068	5421665	5374125	5414286	0.68	cps
Dysprosium	156-1	186054	190628	192068	189584	1.66	cps
Dysprosium	156-2	89090	87419	89480	88663	1.23	cps
Erbium	164-1	140028	143957	143738	142574	1.55	cps
Erbium	164-2	60213	58779	59580	59524	1.21	cps
Gadolinium	160-1	168338	169358	169135	168944	0.32	cps
Gadolinium	160-2	82936	82490	82839	82755	0.28	cps
Holmium	165-1	14821926	14329587	14379745	14510419	1.87	cps
Holmium	165-2	6301903	6612614	6257904	6390807	3.03	cps
Indium	115-1	10563639	10011277	10190977	10255298	2.75	cps
Indium	115-2	1526780	1618153	1480976	1541970	4.53	cps
Iron	54-2	13164521	12867331	12975950	13002601	1.16	cps
Iron	56-2	236185550	235973170	235317363	235825361	0.19	cps
Iron	57-2	6274253	6067127	6009581	6116987	2.28	cps
Krypton	83-1	443	453	443	447	1.29	cps
Lead	206-1	5508350	5657765	5564280	5576798	1.35	cps

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	P2252-10	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 18:09:38	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4640814	4738422	4688704	4689313	1.04	cps
Lead	208-1	21720346	22255108	21813266	21929573	1.30	cps
Lithium	6-1	7673962	7747883	8040792	7820879	2.48	cps
Magnesium	24-2	23930791	24003702	23666230	23866908	0.74	cps
Manganese	55-2	8784837	8865916	8780302	8810352	0.55	cps
Molybdenum	94-1	4780469	4738704	4765782	4761652	0.44	cps
Molybdenum	95-1	8016430	7984744	8087148	8029441	0.65	cps
Molybdenum	96-1	8750779	8657757	8833422	8747320	1.00	cps
Molybdenum	97-1	4916714	4890337	4960887	4922646	0.72	cps
Molybdenum	98-1	13009649	13196988	13186053	13130897	0.80	cps
Neodymium	150-1	353260	357560	354066	354962	0.64	cps
Neodymium	150-2	112757	110404	111268	111477	1.07	cps
Nickel	60-2	1830609	1818854	1847067	1832177	0.77	cps
Phosphorus	31-2	15615	15715	15885	15739	0.87	cps
Potassium	39-2	3010343	2932492	3049938	2997591	1.99	cps
Rhodium	103-1	9677233	9191193	9543762	9470729	2.65	cps
Rhodium	103-2	4252429	4483378	4121105	4285638	4.28	cps
Scandium	45-1	6860602	6753587	6947378	6853856	1.42	cps
Scandium	45-2	204595	212195	196271	204354	3.90	cps
Selenium	82-1	318827	319890	322937	320551	0.67	cps
Selenium	77-2	9193	9440	9944	9526	4.02	cps
Selenium	78-2	32504	31793	31489	31929	1.63	cps
Silicon	28-1	22565511	22501255	21813653	22293473	1.87	cps
Silver	107-1	8527126	8561982	8300588	8463232	1.68	cps
Silver	109-1	7999358	8047411	8012122	8019630	0.31	cps
Sodium	23-2	29072347	29529220	29428674	29343414	0.82	cps
Strontium	86-1	6170278	6187351	6032866	6130165	1.38	cps
Strontium	88-1	51632949	52510786	51439554	51861096	1.10	cps
Sulfur	34-1	325751	322403	322262	323472	0.61	cps
Terbium	159-1	15369351	14552791	14930654	14950932	2.73	cps
Terbium	159-2	6058267	6449371	5962699	6156779	4.19	cps
Thallium	203-1	14361802	14736068	14392861	14496910	1.43	cps
Thallium	205-1	33918950	34186032	34278148	34127710	0.55	cps
Tin	118-1	4593552	4647020	4651755	4630776	0.70	cps
Titanium	47-1	5130221	5210672	5098825	5146573	1.12	cps
Uranium	238-1	11863691	12055141	12037798	11985543	0.88	cps

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	P2252-10	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 18:09:38	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	4912083	4729075	4826440	4822532	1.90	cps
Ytterbium	172-1	37707	37861	38563	38044	1.20	cps
Ytterbium	172-2	18794	18790	18733	18772	0.18	cps
Ytterbium	176-1	27749	27552	28120	27807	1.04	cps
Ytterbium	176-2	35491	37166	35508	36055	2.67	cps
Yttrium	89-1	19478201	18608730	18810534	18965822	2.40	cps
Yttrium	89-2	1924194	2063172	1894279	1960548	4.60	cps
Zinc	66-2	1106084	1090803	1099846	1098911	0.70	cps
Zirconium	90-1	482355	482109	488638	484367	0.76	cps
Zirconium	91-1	109587	111647	111421	110885	1.02	cps

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	P2252-10DLX5	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired ::	2024-06-04 18:18:57	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1019870	1010948	1012118	1014312	0.48	cps
Antimony	121-1	489424	489391	490127	489647	0.08	cps
Arsenic	75-2	122938	124037	122719	123232	0.57	cps
Barium	135-1	3156297	3121035	3036886	3104739	1.98	cps
Barium	137-1	5235367	5306116	5266203	5269229	0.67	cps
Beryllium	9-1	148977	151858	148542	149792	1.20	cps
Bismuth	209-1	9422398	8774612	9473918	9223642	4.23	cps
Bismuth	209-2	4683859	4661329	4727520	4690903	0.72	cps
Bromine	81-1	13757	14244	14201	14067	1.92	cps
Cadmium	108-1	58427	59779	58460	58889	1.31	cps
Cadmium	106-1	86147	86325	84433	85635	1.22	cps
Cadmium	111-1	845004	846211	844376	845197	0.11	cps
Calcium	43-1	917707	938924	925346	927326	1.16	cps
Calcium	44-1	15345833	15649395	15446606	15480611	1.00	cps
Carbon	12-1	2654082	2643576	2621747	2639802	0.62	cps
Carbon	12-2	29540	29022	28551	29038	1.70	cps
Chlorine	35-1	57396079	62533532	66064216	61997942	7.03	cps
Chlorine	35-2	433621	433185	438754	435186	0.71	cps
Chromium	52-2	673102	670658	668404	670722	0.35	cps
Cobalt	59-2	1251593	1243838	1265225	1253552	0.86	cps
Copper	63-2	1141816	1140581	1137036	1139811	0.22	cps
Dysprosium	156-1	38245	38104	38118	38156	0.20	cps
Dysprosium	156-2	17895	18420	18122	18146	1.45	cps
Erbium	164-1	28146	28437	27956	28180	0.86	cps
Erbium	164-2	11872	12039	12206	12039	1.39	cps
Gadolinium	160-1	33502	33555	34254	33770	1.24	cps
Gadolinium	160-2	16694	17318	16954	16989	1.85	cps
Holmium	165-1	14884959	13787126	14999563	14557216	4.60	cps
Holmium	165-2	6325178	6214958	6417573	6319236	1.61	cps
Indium	115-1	11046543	10115670	10862254	10674822	4.62	cps
Indium	115-2	1632108	1602333	1664603	1633015	1.91	cps
Iron	54-2	2784144	2789040	2813255	2795480	0.56	cps
Iron	56-2	50302884	50139531	51203453	50548623	1.13	cps
Iron	57-2	1249817	1244752	1243699	1246089	0.26	cps
Krypton	83-1	203	290	267	253	17.70	cps
Lead	206-1	1087776	1097115	1087605	1090832	0.50	cps

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	P2252-10DLX5	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired ::	2024-06-04 18:18:57	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	920957	924587	922750	922765	0.20	cps
Lead	208-1	4416125	4385584	4373999	4391903	0.50	cps
Lithium	6-1	4657630	4439800	4672091	4589840	2.84	cps
Magnesium	24-2	5234352	5191454	5117154	5180987	1.14	cps
Manganese	55-2	1892328	1919082	1927763	1913058	0.97	cps
Molybdenum	94-1	915803	917347	907800	913650	0.56	cps
Molybdenum	95-1	1639520	1627792	1666264	1644525	1.20	cps
Molybdenum	96-1	1811027	1801036	1801934	1804666	0.31	cps
Molybdenum	97-1	951206	960570	955671	955816	0.49	cps
Molybdenum	98-1	2656030	2635017	2685274	2658774	0.95	cps
Neodymium	150-1	70169	70283	69432	69961	0.66	cps
Neodymium	150-2	23698	23127	22946	23257	1.69	cps
Nickel	60-2	372679	372330	368329	371113	0.65	cps
Phosphorus	31-2	3570	3417	3487	3492	2.20	cps
Potassium	39-2	619530	618485	613950	617322	0.48	cps
Rhodium	103-1	10423142	9668561	10286699	10126134	3.97	cps
Rhodium	103-2	4552130	4538355	4595571	4562019	0.65	cps
Scandium	45-1	6970901	6539459	7133521	6881294	4.46	cps
Scandium	45-2	206138	205676	207581	206465	0.48	cps
Selenium	82-1	66635	67694	66722	67017	0.88	cps
Selenium	77-2	2114	2054	2070	2079	1.49	cps
Selenium	78-2	6948	6512	7129	6863	4.62	cps
Silicon	28-1	4797073	4744286	4671250	4737536	1.33	cps
Silver	107-1	1803771	1823006	1801558	1809445	0.65	cps
Silver	109-1	1691045	1739580	1673315	1701313	2.02	cps
Sodium	23-2	6234996	6264447	6269312	6256252	0.30	cps
Strontium	86-1	1188703	1181032	1171783	1180506	0.72	cps
Strontium	88-1	10645127	10589524	10477450	10570701	0.81	cps
Sulfur	34-1	318801	321857	318695	319784	0.56	cps
Terbium	159-1	14881080	14210414	15212324	14767939	3.46	cps
Terbium	159-2	6210606	6109637	6190569	6170271	0.87	cps
Thallium	203-1	2958335	3025866	2945630	2976611	1.45	cps
Thallium	205-1	6759057	6975384	6882900	6872447	1.58	cps
Tin	118-1	904001	915418	903185	907535	0.75	cps
Titanium	47-1	1024835	1027940	1014412	1022396	0.69	cps
Uranium	238-1	2387608	2426338	2415077	2409674	0.83	cps

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	P2252-10DLX5	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired ::	2024-06-04 18:18:57	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	967912	957773	975013	966899	0.90	cps
Ytterbium	172-1	7285	7742	7149	7392	4.21	cps
Ytterbium	172-2	3934	3824	4134	3964	3.97	cps
Ytterbium	176-1	7249	7242	7102	7198	1.15	cps
Ytterbium	176-2	25896	26440	26540	26292	1.32	cps
Yttrium	89-1	18654567	17243446	18811702	18236572	4.74	cps
Yttrium	89-2	1880002	1903820	1915572	1899798	0.95	cps
Zinc	66-2	243913	242234	241296	242481	0.55	cps
Zirconium	90-1	97558	98596	98553	98235	0.60	cps
Zirconium	91-1	21714	21754	21610	21693	0.34	cps

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	PB161320BL	Instrumnet Name :	P8
Client Sample ID :	PB161320BL	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 18:34:04	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	160	137	133	143	10.13	cps
Antimony	121-1	150	77	70	99	44.89	cps
Arsenic	75-2	13	17	20	17	20.01	cps
Barium	135-1	487	137	133	252	80.50	cps
Barium	137-1	817	253	280	450	70.63	cps
Beryllium	9-1	164	141	147	151	7.70	cps
Bismuth	209-1	8927900	8609206	8637213	8724773	2.02	cps
Bismuth	209-2	4619344	4723637	4754998	4699326	1.51	cps
Bromine	81-1	4671	4367	4417	4485	3.63	cps
Cadmium	108-1	17	17	23	19	20.36	cps
Cadmium	106-1	4761	4251	4414	4475	5.82	cps
Cadmium	111-1	621	477	472	523	16.21	cps
Calcium	43-1	357	207	210	258	33.23	cps
Calcium	44-1	9116	6928	6915	7653	16.56	cps
Carbon	12-1	2109283	2158063	2189762	2152369	1.88	cps
Carbon	12-2	23596	24066	24390	24017	1.66	cps
Chlorine	35-1	1974993	1963258	1955535	1964595	0.50	cps
Chlorine	35-2	11615	11158	10721	11164	4.00	cps
Chromium	52-2	1177	1113	913	1068	12.87	cps
Cobalt	59-2	227	187	240	218	12.74	cps
Copper	63-2	1733	1640	1690	1688	2.77	cps
Dysprosium	156-1	70	60	100	77	27.15	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	67	77	93	79	17.07	cps
Erbium	164-2	47	43	27	39	27.55	cps
Gadolinium	160-1	67	63	77	69	10.08	cps
Gadolinium	160-2	267	293	220	260	14.28	cps
Holmium	165-1	13858534	13471376	13321326	13550412	2.05	cps
Holmium	165-2	6081611	6268082	6204853	6184849	1.53	cps
Indium	115-1	10513503	10322252	9975415	10270390	2.66	cps
Indium	115-2	1614423	1679651	1688512	1660862	2.44	cps
Iron	54-2	467	627	553	549	14.59	cps
Iron	56-2	6355	6665	6155	6392	4.02	cps
Iron	57-2	240	290	263	264	9.46	cps
Krypton	83-1	223	237	227	229	3.03	cps
Lead	206-1	1663	1323	1437	1475	11.74	cps

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	PB161320BL	Instrumnet Name :	P8
Client Sample ID :	PB161320BL	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 18:34:04	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1467	1263	1243	1325	9.33	cps
Lead	208-1	6754	5561	5587	5967	11.42	cps
Lithium	6-1	3635652	3617529	3629048	3627410	0.25	cps
Magnesium	24-2	503	577	587	556	8.19	cps
Manganese	55-2	277	337	353	322	12.51	cps
Molybdenum	94-1	403	220	277	300	31.29	cps
Molybdenum	95-1	307	147	163	206	42.79	cps
Molybdenum	96-1	510	203	233	316	53.58	cps
Molybdenum	97-1	210	67	57	111	77.20	cps
Molybdenum	98-1	573	220	220	338	60.40	cps
Neodymium	150-1	13	3	20	12	68.66	cps
Neodymium	150-2	13	7	3	8	65.47	cps
Nickel	60-2	213	203	193	203	4.92	cps
Phosphorus	31-2	143	137	97	126	20.10	cps
Potassium	39-2	13890	13753	14074	13906	1.16	cps
Rhodium	103-1	9861677	9625078	9686618	9724457	1.26	cps
Rhodium	103-2	4612164	4649393	4642076	4634544	0.43	cps
Scandium	45-1	6655737	6477552	6400123	6511138	2.01	cps
Scandium	45-2	204048	206185	203985	204740	0.61	cps
Selenium	82-1	-43	-40	-40	-41	-4.69	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	10	10	17	12	31.50	cps
Silicon	28-1	195769	192692	194454	194305	0.79	cps
Silver	107-1	350	113	137	200	65.21	cps
Silver	109-1	267	83	33	128	96.15	cps
Sodium	23-2	40416	40212	39664	40097	0.97	cps
Strontium	86-1	583	360	417	453	25.61	cps
Strontium	88-1	1977	567	657	1067	74.01	cps
Sulfur	34-1	347058	340751	335068	340959	1.76	cps
Terbium	159-1	13942416	13365369	13641798	13649861	2.11	cps
Terbium	159-2	6036789	6040986	6177230	6085002	1.31	cps
Thallium	203-1	1233	850	883	989	21.47	cps
Thallium	205-1	3044	2080	2104	2409	22.82	cps
Tin	118-1	1801	1800	1767	1790	1.09	cps
Titanium	47-1	203	123	157	161	24.94	cps
Uranium	238-1	287	30	33	117	126.20	cps

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	PB161320BL	Instrumnet Name :	P8
Client Sample ID :	PB161320BL	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 18:34:04	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	97	73	93	88	14.38	cps
Ytterbium	172-1	97	97	113	102	9.41	cps
Ytterbium	172-2	50	43	17	37	48.10	cps
Ytterbium	176-1	1663	1513	1447	1541	7.20	cps
Ytterbium	176-2	23485	23712	23465	23554	0.58	cps
Yttrium	89-1	16925822	16579776	16576323	16693974	1.20	cps
Yttrium	89-2	1841781	1875733	1837825	1851780	1.13	cps
Zinc	66-2	327	337	343	336	2.50	cps
Zirconium	90-1	603	597	657	619	5.31	cps
Zirconium	91-1	157	120	163	147	15.91	cps

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	PB161320BS	Instrumnet Name :	P8
Client Sample ID :	PB161320BS	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 18:39:43	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	576588	573680	570478	573582	0.53	cps
Antimony	121-1	3846911	3936029	3841793	3874911	1.37	cps
Arsenic	75-2	95072	95719	93437	94743	1.24	cps
Barium	135-1	4636610	4670886	4782678	4696724	1.63	cps
Barium	137-1	7918115	7930584	7838681	7895793	0.63	cps
Beryllium	9-1	907685	916637	901928	908750	0.82	cps
Bismuth	209-1	8597713	8551627	8641962	8597101	0.53	cps
Bismuth	209-2	4627327	4534526	4456784	4539546	1.88	cps
Bromine	81-1	4351	4411	4327	4363	0.99	cps
Cadmium	108-1	73062	75258	74698	74339	1.53	cps
Cadmium	106-1	105345	108140	107428	106971	1.36	cps
Cadmium	111-1	886479	892398	899470	892782	0.73	cps
Calcium	43-1	1370344	1392520	1420428	1394430	1.80	cps
Calcium	44-1	21138567	21394753	21250976	21261432	0.60	cps
Carbon	12-1	2606913	2560057	2694595	2620522	2.61	cps
Carbon	12-2	29443	30675	30395	30171	2.14	cps
Chlorine	35-1	1452460	1424573	1408420	1428484	1.56	cps
Chlorine	35-2	8436	8533	8616	8528	1.06	cps
Chromium	52-2	1002842	1003008	1010382	1005410	0.43	cps
Cobalt	59-2	1953552	1957928	1966610	1959363	0.34	cps
Copper	63-2	14689534	15049609	14832814	14857319	1.22	cps
Dysprosium	156-1	140	147	110	132	14.77	cps
Dysprosium	156-2	70	70	87	76	12.74	cps
Erbium	164-1	120	140	130	130	7.69	cps
Erbium	164-2	73	60	73	69	11.17	cps
Gadolinium	160-1	130	130	107	122	11.02	cps
Gadolinium	160-2	317	270	303	297	8.10	cps
Holmium	165-1	13625706	13838680	14001348	13821911	1.36	cps
Holmium	165-2	6412493	6378025	6137912	6309477	2.37	cps
Indium	115-1	10048567	10090184	10252572	10130441	1.06	cps
Indium	115-2	1633288	1630169	1593333	1618930	1.37	cps
Iron	54-2	2448604	2418810	2464546	2443987	0.95	cps
Iron	56-2	43190019	43635773	43808543	43544778	0.73	cps
Iron	57-2	1061031	1077762	1069968	1069587	0.78	cps
Krypton	83-1	183	197	227	202	10.97	cps
Lead	206-1	16362730	16356179	16597544	16438818	0.84	cps

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	PB161320BS	Instrumnet Name :	P8
Client Sample ID :	PB161320BS	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 18:39:43	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	14342461	14388561	14496343	14409122	0.55	cps
Lead	208-1	66392422	66169462	66849611	66470498	0.52	cps
Lithium	6-1	3792822	3703866	3668664	3721784	1.72	cps
Magnesium	24-2	8567745	8531360	8396014	8498373	1.06	cps
Manganese	55-2	5463448	5513419	5498553	5491807	0.47	cps
Molybdenum	94-1	14754802	14991077	14956688	14900856	0.86	cps
Molybdenum	95-1	21322123	21910896	22144446	21792488	1.94	cps
Molybdenum	96-1	23700612	24203720	24107622	24003985	1.11	cps
Molybdenum	97-1	13259021	13559439	13433389	13417283	1.12	cps
Molybdenum	98-1	35334438	35599149	35442229	35458605	0.38	cps
Neodymium	150-1	273	267	267	269	1.43	cps
Neodymium	150-2	20	27	17	21	24.12	cps
Nickel	60-2	496756	492396	502687	497280	1.04	cps
Phosphorus	31-2	26775	27132	26745	26884	0.80	cps
Potassium	39-2	2918270	2901095	2919351	2912905	0.35	cps
Rhodium	103-1	9441729	9682898	9862268	9662298	2.18	cps
Rhodium	103-2	4513588	4537375	4332609	4461191	2.51	cps
Scandium	45-1	6765531	6666670	6761264	6731155	0.83	cps
Scandium	45-2	207939	206808	204356	206368	0.89	cps
Selenium	82-1	62848	65553	64281	64227	2.11	cps
Selenium	77-2	1830	1810	1777	1806	1.49	cps
Selenium	78-2	7005	6615	6945	6855	3.06	cps
Silicon	28-1	6323159	6150045	6249981	6241062	1.39	cps
Silver	107-1	4990103	5144478	5142669	5092417	1.74	cps
Silver	109-1	4721251	4846455	4871784	4813163	1.67	cps
Sodium	23-2	15087515	15007911	14922864	15006097	0.55	cps
Strontium	86-1	31359320	31756180	31908459	31674653	0.90	cps
Strontium	88-1	271272269	272948809	265996563	270072547	1.34	cps
Sulfur	34-1	720241	718949	711187	716792	0.68	cps
Terbium	159-1	14172191	13860385	14337631	14123402	1.72	cps
Terbium	159-2	6178890	6273454	5938703	6130349	2.82	cps
Thallium	203-1	4057852	4098527	4065690	4074023	0.53	cps
Thallium	205-1	9537013	9606113	9545027	9562718	0.40	cps
Tin	118-1	3472556	3474761	3448817	3465378	0.42	cps
Titanium	47-1	6292319	6297875	6268964	6286386	0.24	cps
Uranium	238-1	13606491	13836367	13603585	13682147	0.98	cps

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	PB161320BS	Instrumnet Name :	P8
Client Sample ID :	PB161320BS	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 18:39:43	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	790659	797648	793834	794047	0.44	cps
Ytterbium	172-1	103	153	140	132	19.58	cps
Ytterbium	172-2	53	53	63	57	10.19	cps
Ytterbium	176-1	18533	19047	19114	18898	1.68	cps
Ytterbium	176-2	31174	31264	31735	31391	0.96	cps
Yttrium	89-1	16722833	16690810	17217543	16877062	1.75	cps
Yttrium	89-2	1849978	1875064	1838035	1854359	1.02	cps
Zinc	66-2	1902404	1900968	1875640	1893004	0.80	cps
Zirconium	90-1	6759934	6923045	6881041	6854673	1.24	cps
Zirconium	91-1	1531993	1559053	1541519	1544188	0.89	cps

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 18:42:35	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2925487	2961871	2901276	2929545	1.04	cps
Antimony	121-1	3856720	3864539	3838132	3853130	0.35	cps
Arsenic	75-2	96162	95823	93562	95182	1.49	cps
Barium	135-1	4689422	4756092	4765629	4737048	0.88	cps
Barium	137-1	7996147	8039825	8067428	8034467	0.45	cps
Beryllium	9-1	901264	901453	898766	900494	0.17	cps
Bismuth	209-1	8038835	8231506	8205179	8158507	1.28	cps
Bismuth	209-2	4465122	4391953	4221903	4359660	2.86	cps
Bromine	81-1	4487	4581	4668	4579	1.97	cps
Cadmium	108-1	74014	72895	72818	73242	0.91	cps
Cadmium	106-1	105521	104093	105534	105049	0.79	cps
Cadmium	111-1	866869	866717	872413	868666	0.37	cps
Calcium	43-1	6187878	6334322	6414221	6312140	1.82	cps
Calcium	44-1	100616685	102337508	102995238	101983144	1.20	cps
Carbon	12-1	2870025	2995965	3078402	2981464	3.52	cps
Carbon	12-2	36639	36078	36937	36551	1.19	cps
Chlorine	35-1	1218971	1265181	1199272	1227808	2.76	cps
Chlorine	35-2	7319	7052	7205	7192	1.86	cps
Chromium	52-2	1042356	1032515	1005549	1026806	1.86	cps
Cobalt	59-2	1952708	1937600	1872348	1920885	2.22	cps
Copper	63-2	15405755	15496960	14828244	15243653	2.38	cps
Dysprosium	156-1	250	200	233	228	11.18	cps
Dysprosium	156-2	147	143	117	136	12.13	cps
Erbium	164-1	243	287	287	272	9.19	cps
Erbium	164-2	137	80	93	103	28.67	cps
Gadolinium	160-1	190	243	160	198	21.34	cps
Gadolinium	160-2	333	350	287	323	10.15	cps
Holmium	165-1	13173718	14037364	13891005	13700696	3.37	cps
Holmium	165-2	6430484	6424075	6066298	6306952	3.30	cps
Indium	115-1	9556186	10084933	9850919	9830679	2.70	cps
Indium	115-2	1666342	1621349	1562275	1616655	3.23	cps
Iron	54-2	11941676	11911186	11541891	11798251	1.89	cps
Iron	56-2	220257643	217778103	211198944	216411563	2.16	cps
Iron	57-2	5660212	5540838	5450849	5550633	1.89	cps
Krypton	83-1	240	240	240	240	0.00	cps
Lead	206-1	16284295	16614639	16273593	16390842	1.18	cps

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 18:42:35	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	14251427	14099335	14173659	14174807	0.54	cps
Lead	208-1	66161063	65530264	65360595	65683974	0.64	cps
Lithium	6-1	3580897	3739945	3583307	3634717	2.51	cps
Magnesium	24-2	42101168	42527393	41676925	42101829	1.01	cps
Manganese	55-2	5606348	5556819	5552047	5571738	0.54	cps
Molybdenum	94-1	15268761	15347971	15700224	15438985	1.49	cps
Molybdenum	95-1	22761306	22733269	22660491	22718355	0.23	cps
Molybdenum	96-1	25416590	25109067	24673500	25066386	1.49	cps
Molybdenum	97-1	14052134	13895400	13947569	13965035	0.57	cps
Molybdenum	98-1	36975194	37080908	36792477	36949526	0.39	cps
Neodymium	150-1	413	297	363	358	16.36	cps
Neodymium	150-2	67	60	50	59	14.25	cps
Nickel	60-2	495501	496248	481387	491045	1.71	cps
Phosphorus	31-2	27907	27483	27600	27663	0.79	cps
Potassium	39-2	14606047	14404899	14452780	14487909	0.73	cps
Rhodium	103-1	8979585	9507214	9396544	9294448	2.99	cps
Rhodium	103-2	4430888	4392977	4216601	4346822	2.63	cps
Scandium	45-1	6479222	6771327	6566911	6605820	2.27	cps
Scandium	45-2	217399	212263	204014	211225	3.20	cps
Selenium	82-1	60702	61696	61576	61325	0.88	cps
Selenium	77-2	1897	1990	1857	1915	3.57	cps
Selenium	78-2	6982	6698	6582	6754	3.05	cps
Silicon	28-1	6581091	6632560	6756852	6656834	1.36	cps
Silver	107-1	4913975	4936219	4946108	4932101	0.33	cps
Silver	109-1	4693974	4649198	4660087	4667753	0.50	cps
Sodium	23-2	72762814	75189416	73867047	73939759	1.64	cps
Strontium	86-1	32232918	31740680	32338944	32104181	0.99	cps
Strontium	88-1	278454916	275219183	277344636	277006245	0.59	cps
Sulfur	34-1	704306	702374	706326	704335	0.28	cps
Terbium	159-1	13410609	14342944	13964193	13905916	3.37	cps
Terbium	159-2	6378876	6272159	5832259	6161098	4.70	cps
Thallium	203-1	4232065	4166762	4049526	4149451	2.23	cps
Thallium	205-1	9578741	9656051	9420600	9551797	1.26	cps
Tin	118-1	3458933	3418839	3454917	3444230	0.64	cps
Titanium	47-1	6478447	6517535	6515972	6503985	0.34	cps
Uranium	238-1	13851107	13903913	13950146	13901722	0.36	cps

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 18:42:35	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	820090	827690	808920	818900	1.15	cps
Ytterbium	172-1	217	223	257	232	9.23	cps
Ytterbium	172-2	127	150	120	132	11.91	cps
Ytterbium	176-1	20069	19097	19411	19526	2.54	cps
Ytterbium	176-2	32467	32811	31294	32190	2.47	cps
Yttrium	89-1	16562261	17258380	16970294	16930312	2.07	cps
Yttrium	89-2	1931765	1919285	1831231	1894094	2.89	cps
Zinc	66-2	1976893	1975827	1881201	1944640	2.83	cps
Zirconium	90-1	7122998	7081042	7133499	7112513	0.39	cps
Zirconium	91-1	1585333	1592853	1620383	1599523	1.15	cps

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 18:57:46	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	180	170	156	21.89	cps
Antimony	121-1	503	577	730	603	19.17	cps
Arsenic	75-2	13	7	3	8	65.47	cps
Barium	135-1	277	310	257	281	9.59	cps
Barium	137-1	453	450	553	486	12.09	cps
Beryllium	9-1	200	197	221	206	6.33	cps
Bismuth	209-1	8392123	8660686	8509039	8520616	1.58	cps
Bismuth	209-2	4596774	4320559	4483217	4466850	3.11	cps
Bromine	81-1	4451	4661	4597	4570	2.36	cps
Cadmium	108-1	7	33	23	21	63.80	cps
Cadmium	106-1	4511	4831	4597	4646	3.56	cps
Cadmium	111-1	530	546	543	540	1.65	cps
Calcium	43-1	397	380	400	392	2.73	cps
Calcium	44-1	9470	10144	10017	9877	3.63	cps
Carbon	12-1	2050930	2007799	2001208	2019979	1.34	cps
Carbon	12-2	22748	22474	22320	22514	0.96	cps
Chlorine	35-1	760549	746790	740960	749433	1.34	cps
Chlorine	35-2	4741	4584	4654	4660	1.68	cps
Chromium	52-2	1023	1127	983	1044	7.08	cps
Cobalt	59-2	207	210	213	210	1.59	cps
Copper	63-2	2284	2260	2227	2257	1.26	cps
Dysprosium	156-1	20	33	40	31	32.73	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	103	87	97	96	8.78	cps
Erbium	164-2	50	57	40	49	17.16	cps
Gadolinium	160-1	67	57	70	64	10.76	cps
Gadolinium	160-2	240	263	250	251	4.66	cps
Holmium	165-1	13052960	13532499	13310379	13298613	1.80	cps
Holmium	165-2	6129600	5788688	6024146	5980811	2.92	cps
Indium	115-1	10226188	10297584	10278425	10267399	0.36	cps
Indium	115-2	1610654	1563385	1564900	1579646	1.70	cps
Iron	54-2	807	793	783	794	1.47	cps
Iron	56-2	10768	11798	11565	11377	4.75	cps
Iron	57-2	390	380	330	367	8.77	cps
Krypton	83-1	240	197	230	222	10.21	cps
Lead	206-1	1440	1600	1680	1573	7.77	cps

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 18:57:46	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1320	1470	1410	1400	5.39	cps
Lead	208-1	6001	6504	6367	6291	4.14	cps
Lithium	6-1	3636445	3730294	3735292	3700677	1.50	cps
Magnesium	24-2	1887	1757	1987	1877	6.15	cps
Manganese	55-2	427	427	480	444	6.93	cps
Molybdenum	94-1	1137	993	1003	1045	7.66	cps
Molybdenum	95-1	1360	1077	1150	1196	12.30	cps
Molybdenum	96-1	1467	1290	1430	1396	6.68	cps
Molybdenum	97-1	757	653	827	746	11.70	cps
Molybdenum	98-1	2064	1840	2054	1986	6.35	cps
Neodymium	150-1	10	7	10	9	21.63	cps
Neodymium	150-2	0	7	7	4	86.60	cps
Nickel	60-2	210	240	197	216	10.30	cps
Phosphorus	31-2	123	160	143	142	12.91	cps
Potassium	39-2	15956	16016	15759	15910	0.84	cps
Rhodium	103-1	9849616	10080670	9834722	9921669	1.39	cps
Rhodium	103-2	4609591	4335095	4475170	4473285	3.07	cps
Scandium	45-1	6616608	6859437	6715735	6730593	1.81	cps
Scandium	45-2	211255	196210	202396	203287	3.72	cps
Selenium	82-1	-23	-37	-13	-24	-47.91	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	13	37	13	21	63.83	cps
Silicon	28-1	202073	200884	199475	200810	0.65	cps
Silver	107-1	1190	1420	1803	1471	21.06	cps
Silver	109-1	1133	1173	1650	1319	21.80	cps
Sodium	23-2	42635	42161	42953	42583	0.94	cps
Strontium	86-1	1470	1620	1703	1598	7.40	cps
Strontium	88-1	9777	11208	12085	11024	10.57	cps
Sulfur	34-1	345806	350990	349358	348718	0.76	cps
Terbium	159-1	13381869	14149852	13464734	13665485	3.08	cps
Terbium	159-2	6121334	5634919	5835562	5863939	4.17	cps
Thallium	203-1	960	947	1093	1000	8.11	cps
Thallium	205-1	2294	2137	2314	2248	4.30	cps
Tin	118-1	1745	1749	1863	1786	3.75	cps
Titanium	47-1	303	287	410	333	20.08	cps
Uranium	238-1	513	627	597	579	10.14	cps

LB Number :	LB131066	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 18:57:46	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	37	57	40	44	24.11	cps
Ytterbium	172-1	103	107	87	99	10.84	cps
Ytterbium	172-2	40	47	43	43	7.70	cps
Ytterbium	176-1	1493	1620	1520	1545	4.32	cps
Ytterbium	176-2	23000	22142	22777	22640	1.97	cps
Yttrium	89-1	16944818	17226818	16471654	16881097	2.26	cps
Yttrium	89-2	1864193	1737533	1821526	1807751	3.56	cps
Zinc	66-2	453	443	463	453	2.21	cps
Zirconium	90-1	923	1020	1027	990	5.84	cps
Zirconium	91-1	210	180	137	176	21.00	cps