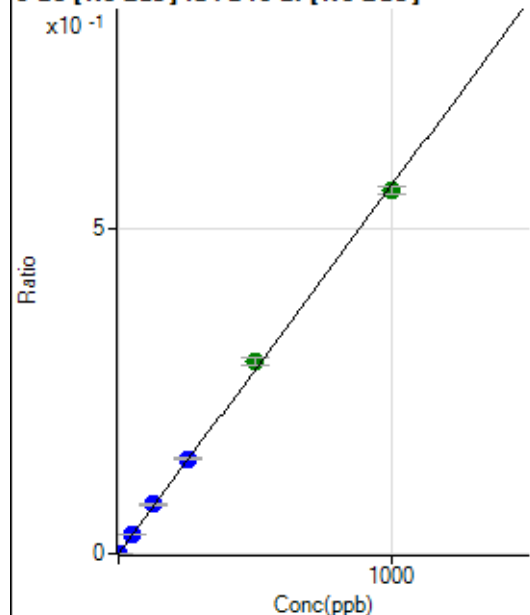


Calibration for 007CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8110821AMS.b\
 Analysis File: P8110821AMS.batch.bin
 DA Date-Time: 2021-11-08 16:49:25
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2021-11-08 15:14:23
2	005CALS.d	S02	2021-11-08 15:20:33
3	006CALS.d	S03	2021-11-08 15:23:38
4	007CALS.d	S04	2021-11-08 15:26:41
5	008CALS.d	S05	2021-11-08 15:29:47
6	009CALS.d	S06	2021-11-08 15:32:50
7	010CALS.d	S07	2021-11-08 15:35:55
8	011CALS.d	S08	2021-11-08 15:38:58

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	80.65	0.0000	P	33.4
2	☐	1.000	1.094	2743.72	0.0006	P	2.6
3	☐	50.000	52.883	130140.65	0.0300	P	3.1
4	☐	125.000	133.767	323303.25	0.0759	P	3.1
5	☐	250.000	257.281	638904.05	0.1460	P	1.1
6	☐	500.000	522.583	1258925.02	0.2965	A	4.0
7	☐	1000.000	985.648	2427229.30	0.5593	A	2.1
8	☐			1017.84	0.0002	P	25.1

$$y = 5.6742\text{E-}004 * x + 1.9349\text{E-}005$$

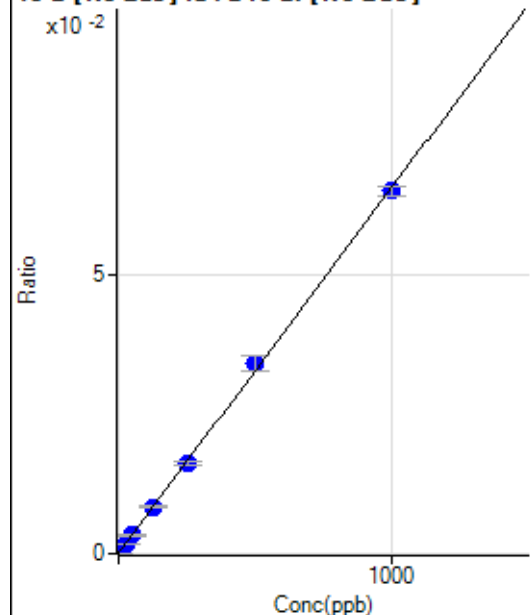
$$R = 0.9996$$

$$DL = 0.03412$$

$$BEC = 0.0341$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	335.94	0.0001	P	5.8
2	☐	25.000	24.511	7211.04	0.0017	P	6.1
3	☐	50.000	50.008	14509.65	0.0033	P	6.0
4	☐	125.000	125.884	35412.29	0.0083	P	3.1
5	☐	250.000	245.751	70663.25	0.0161	P	5.5
6	☐	500.000	518.380	144049.74	0.0340	P	8.3
7	☐	1000.000	991.773	281719.29	0.0649	P	2.8
8	☐			25246.78	0.0061	P	10.7

$$y = 6.5375\text{E-}005 * x + 8.0432\text{E-}005$$

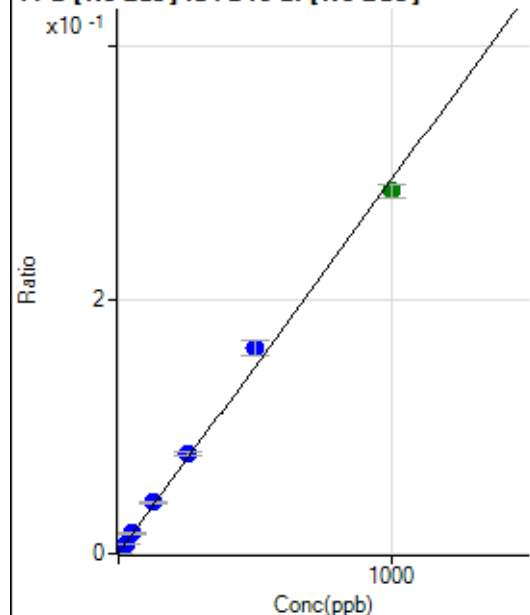
$$R = 0.9997$$

$$DL = 0.2148$$

$$BEC = 1.23$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1781.76	0.0004	P	1.0
2	☐	25.000	25.716	34241.79	0.0080	P	4.9
3	☐	50.000	54.064	70698.85	0.0163	P	7.0
4	☐	125.000	136.184	172382.86	0.0405	P	2.0
5	☐	250.000	264.609	342255.42	0.0782	P	3.5
6	☐	500.000	549.307	686643.53	0.1619	P	7.7
7	☐	1000.000	970.075	1239110.03	0.2856	A	3.9
8	☐			119838.23	0.0289	P	11.3

$$y = 2.9395E-004 * x + 4.2669E-004$$

$$R = 0.9980$$

$$DL = 0.04431$$

$$BEC = 1.452$$

Weight: <None>

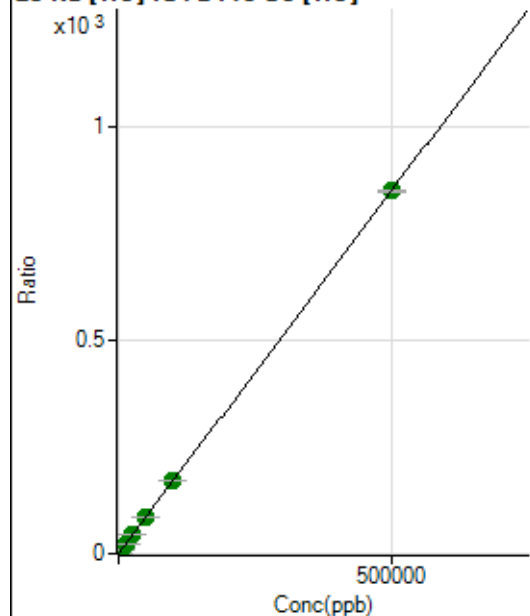
Min Conc: 0

12 C [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7022808.23		A	1.2
2	☐			6926555.19		A	1.1
3	☐			7481451.21		A	1.1
4	☐			7588945.74		A	0.8
5	☐			7768230.82		A	0.9
6	☐			8724754.10		A	1.8
7	☐			9467991.35		A	0.1
8	☐			8518460.52		A	1.4

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			65560.75		P	1.4
2	☐			66236.11		P	1.5
3	☐			69919.53		P	0.9
4	☐			72107.84		P	1.1
5	☐			75254.16		P	2.1
6	☐			84702.52		P	1.3
7	☐			94067.64		P	0.7
8	☐			90967.04		P	1.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	19229.76	0.0776	P	10.2
2	☐	500.000	498.908	239079.85	0.9269	P	3.6
3	☐	5000.000	5349.635	2186241.59	9.1838	A	4.8
4	☐	12500.000	12673.921	5195288.70	21.6513	A	5.1
5	☐	25000.000	26298.627	10526862.47	44.8434	A	3.4
6	☐	50000.000	49817.123	20219313.30	84.8768	A	1.2
7	☐	100000.00	100055.50	39877513.74	170.3930	A	1.4
8	☐	500000.00	499934.41	197567646.0	851.0705	A	0.4

$$y = 0.0017 * x + 0.0776$$

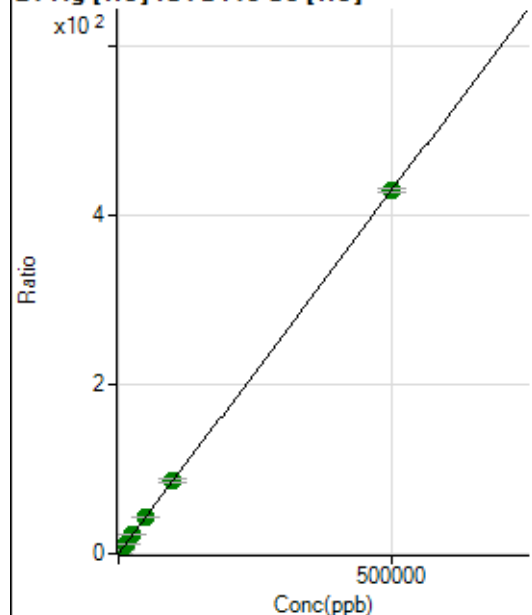
$$R = 1.0000$$

$$DL = 13.95$$

$$BEC = 45.6$$

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	538.91	0.0022	P	23.8
2	☐	500.000	498.564	110896.24	0.4300	P	4.3
3	☐	5000.000	5410.169	1105769.10	4.6441	A	3.8
4	☐	12500.000	12841.764	2646087.67	11.0204	A	2.7
5	☐	25000.000	26442.485	5327331.63	22.6898	A	3.5
6	☐	50000.000	51013.699	10427262.65	43.7718	A	1.5
7	☐	100000.00	100798.60	20242133.09	86.4871	A	3.0
8	☐	500000.00	499654.14	99519049.45	428.7039	A	0.9

$$y = 8.5800\text{E-}004 * x + 0.0022$$

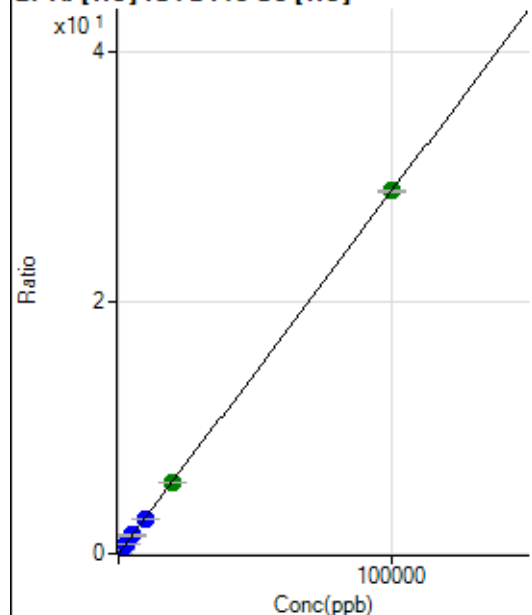
$$R = 1.0000$$

$$DL = 1.828$$

$$BEC = 2.557$$

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	144.56	0.0006	P	8.6
2	☐	20.000	20.011	1641.14	0.0064	P	4.0
3	☐	1000.000	1044.229	71948.06	0.3022	P	4.2
4	☐	2500.000	2457.931	170521.70	0.7105	P	4.5
5	☐	5000.000	5085.997	344960.14	1.4696	P	4.1
6	☐	10000.000	9681.007	666196.17	2.7969	P	2.5
7	☐	20000.000	19653.792	1328735.60	5.6775	A	1.8
8	☐	100000.00	100097.45	6711959.25	28.9132	A	0.4

$$y = 2.8884\text{E-}004 * x + 5.8280\text{E-}004$$

$$R = 1.0000$$

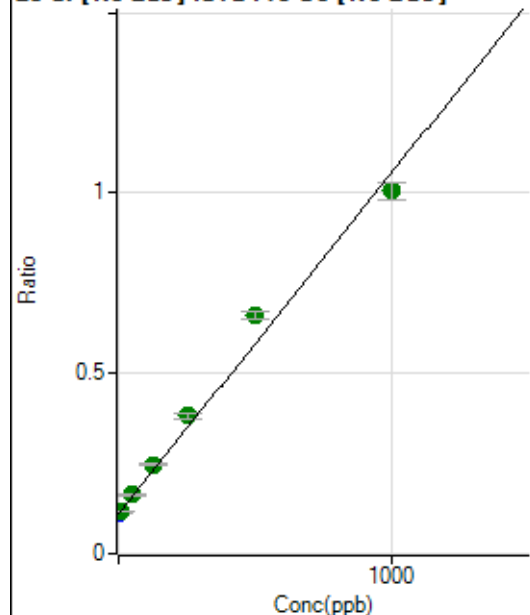
$$DL = 0.5186$$

$$BEC = 2.018$$

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	858842.54	0.1101	P	0.8
2	☐	10.000	7.135	919948.33	0.1169	A	1.7
3	☐	50.000	57.698	1286835.50	0.1647	A	3.4
4	☐	125.000	144.293	1902970.05	0.2465	A	2.6
5	☐	250.000	286.689	2961956.12	0.3811	A	4.9
6	☐	500.000	581.738	5239611.14	0.6600	A	3.2
7	☐	1000.000	947.191	7973526.83	1.0055	A	5.0
8	☐			2664779.23	0.3540	A	4.7

$$y = 9.4526\text{E-}004 * x + 0.1101$$

R = 0.9938

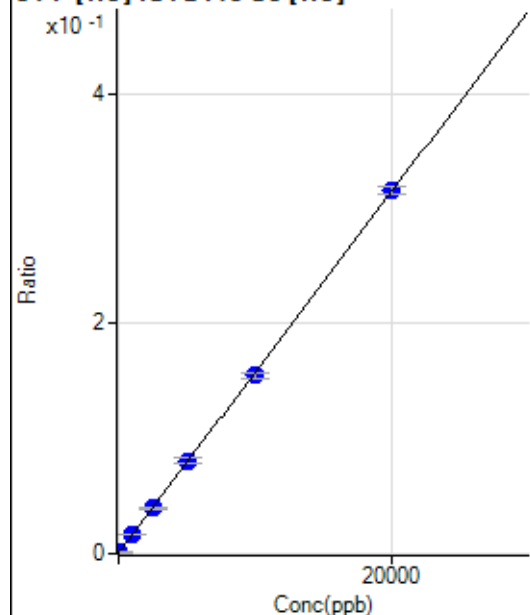
DL = 2.902

BEC = 116.5

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-8.758	138.89	0.0006	P	24.2
2	☐	0.000	8.758	216.67	0.0008	P	9.8
3	☐	1000.000	1034.243	4028.44	0.0169	P	5.8
4	☐	2500.000	2488.913	9536.70	0.0397	P	5.2
5	☐	5000.000	5112.481	18979.50	0.0809	P	6.2
6	☐	10000.000	9839.382	36925.58	0.1550	P	2.9
7	☐	20000.000	20051.862	73774.51	0.3152	P	2.2
8	☐			113.89	0.0005	P	31.1

$$y = 1.5685\text{E-}005 * x + 7.0337\text{E-}004$$

R = 0.9999

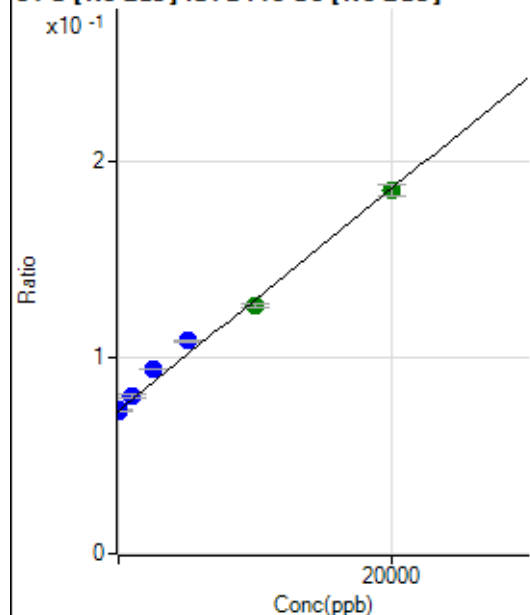
DL = 20.92

BEC = 44.84

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	58.970	572749.22	0.0735	P	1.7
2	☐	0.000	-58.970	572944.70	0.0728	P	0.4
3	☐	1000.000	1331.526	630379.03	0.0807	P	2.4
4	☐	2500.000	3735.700	727918.11	0.0943	P	0.9
5	☐	5000.000	6304.690	846119.74	0.1089	P	0.9
6	☐	10000.000	9453.814	1005865.73	0.1267	A	1.6
7	☐	20000.000	19775.882	1468840.67	0.1852	A	3.1
8	☐			476684.15	0.0633	P	1.2

$$y = 5.6676\text{E-}006 * x + 0.0731$$

$$R = 0.9956$$

$$DL = 415$$

$$BEC = 1.29\text{E}+04$$

Weight: <None>

Min Conc: 0

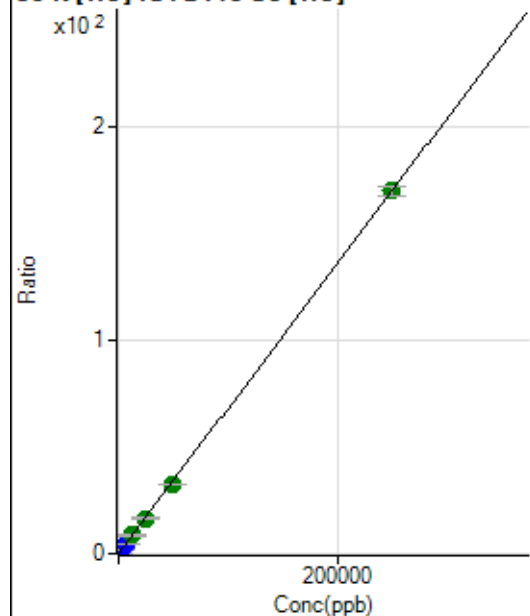
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			698752.99		P	0.6
2	☐			648333.57		P	0.8
3	☐			664626.76		P	1.0
4	☐			610865.80		P	0.7
5	☐			600205.70		P	0.7
6	☐			582162.79		P	0.3
7	☐			555670.88		P	0.7
8	☐			558386.18		P	1.0

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4264.62		P	1.6
2	☐			4253.52		P	6.1
3	☐			3945.09		P	8.1
4	☐			3770.04		P	2.5
5	☐			3517.18		P	1.3
6	☐			3281.00		P	2.9
7	☐			3236.56		P	4.2
8	☐			3283.79		P	5.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	22896.47	0.0924	P	9.2
2	☐	500.000	474.906	106964.48	0.4146	P	3.3
3	☐	2500.000	2618.424	445044.20	1.8693	P	4.3
4	☐	6250.000	6135.289	1021709.08	4.2560	P	3.6
5	☐	12500.000	12588.981	2026561.33	8.6358	A	4.9
6	☐	25000.000	24070.177	3912234.24	16.4275	A	3.1
7	☐	50000.000	48079.015	7658131.59	32.7210	A	0.3
8	☐	250000.00	250474.46	39482839.08	170.0759	A	2.5

$$y = 6.7865E-004 * x + 0.0924$$

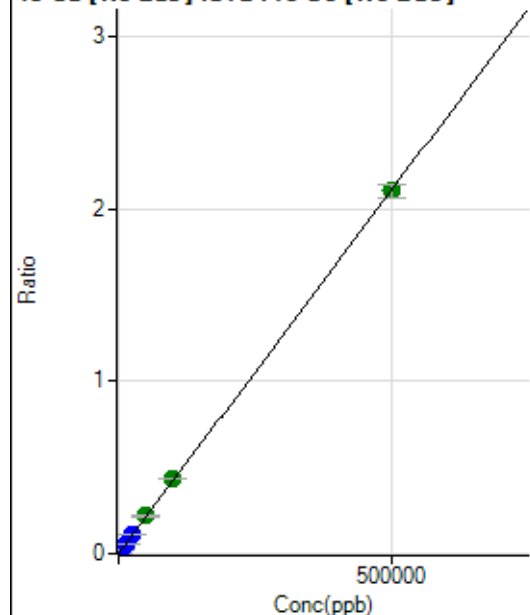
$$R = 1.0000$$

$$DL = 37.37$$

$$BEC = 136.1$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	346.21	0.0000	P	4.7
2	☐	500.000	476.694	16195.05	0.0021	P	2.2
3	☐	5000.000	5080.378	168020.28	0.0215	P	2.3
4	☐	12500.000	12752.913	416139.68	0.0539	P	0.4
5	☐	25000.000	25925.329	851388.60	0.1095	P	1.3
6	☐	50000.000	51882.817	1739774.96	0.2192	A	2.9
7	☐	100000.00	103170.86	3456653.58	0.4358	A	2.0
8	☐	500000.00	499124.17	15871058.64	2.1080	A	3.7

$$y = 4.2232\text{E-}006 * x + 4.4393\text{E-}005$$

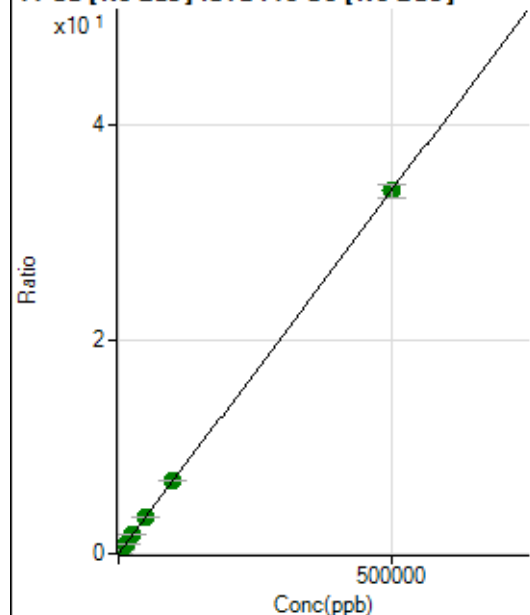
$$R = 1.0000$$

$$DL = 1.487$$

$$BEC = 10.51$$

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	51267.15	0.0066	P	0.9
2	☐	500.000	489.774	313145.12	0.0398	P	1.9
3	☐	5000.000	5117.922	2764209.27	0.3536	A	0.6
4	☐	12500.000	12559.881	6626037.70	0.8583	A	0.4
5	☐	25000.000	25303.656	13388284.71	1.7224	A	1.0
6	☐	50000.000	50518.117	27248281.72	3.4322	A	1.6
7	☐	100000.00	100808.20	54284319.13	6.8423	A	0.4
8	☐	500000.00	499768.69	255188438.5	33.8957	A	3.5

$$y = 6.7810\text{E-}005 * x + 0.0066$$

$$R = 1.0000$$

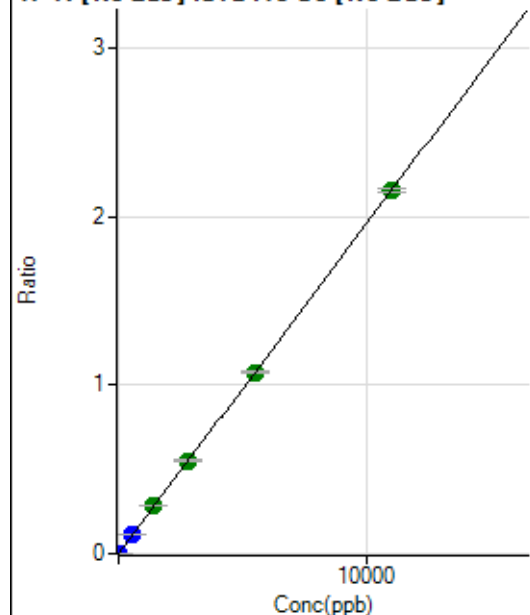
$$DL = 2.683$$

$$BEC = 96.95$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	311.12	0.0000	P	19.7
2	☐	5.000	5.394	8627.83	0.0011	P	0.9
3	☐	550.000	582.850	892493.26	0.1142	P	1.1
4	☐	1375.000	1442.412	2180712.00	0.2825	A	1.6
5	☐	2750.000	2818.602	4290559.86	0.5520	A	0.7
6	☐	5500.000	5479.583	8519247.15	1.0730	A	1.1
7	☐	11000.000	10982.989	17064377.99	2.1507	A	1.0
8	☐			6248.78	0.0008	P	15.9

$$y = 1.9582\text{E-}004 * x + 3.9868\text{E-}005$$

$$R = 1.0000$$

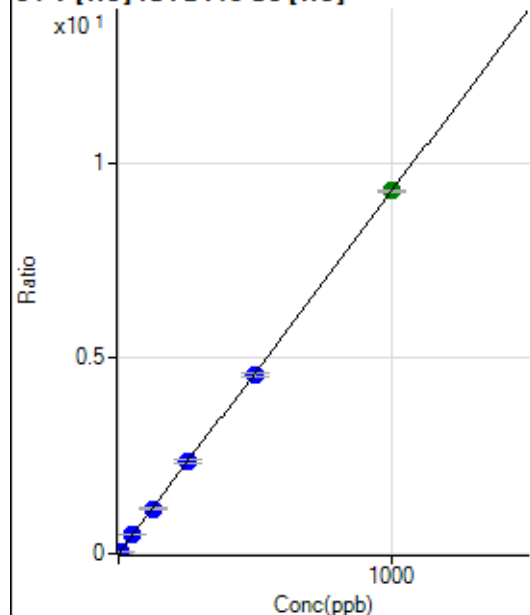
$$DL = 0.1205$$

$$BEC = 0.2036$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	7.78	0.0000	P	46.6
2	☐	5.000	4.837	11579.21	0.0449	P	2.8
3	☐	50.000	52.080	114975.44	0.4830	P	4.4
4	☐	125.000	123.825	275605.40	1.1482	P	3.9
5	☐	250.000	256.489	558152.86	2.3784	P	4.7
6	☐	500.000	494.104	1091299.52	4.5817	P	2.2
7	☐	1000.000	1001.369	2173150.61	9.2853	A	0.4
8	☐			840.03	0.0036	P	9.9

$$y = 0.0093 * x + 3.0675\text{E-}005$$

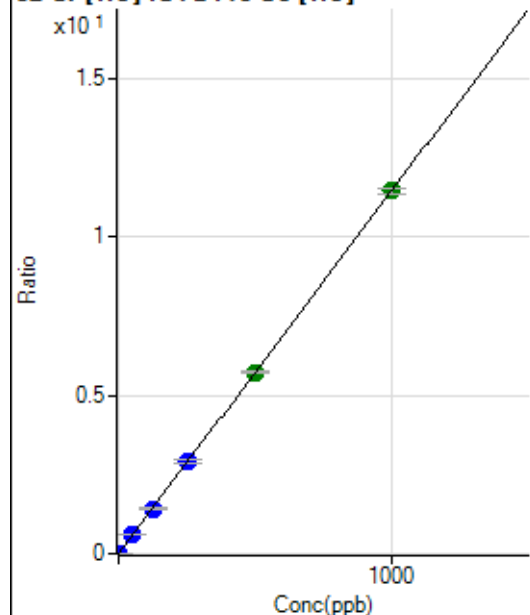
$$R = 0.9999$$

$$DL = 0.004625$$

$$BEC = 0.003308$$

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	843.37	0.0034	P	12.1
2	☐	2.000	1.937	6600.48	0.0256	P	2.5
3	☐	50.000	52.043	142651.62	0.5993	P	4.8
4	☐	125.000	122.319	336972.93	1.4039	P	4.0
5	☐	250.000	252.877	680351.50	2.8987	P	4.2
6	☐	500.000	498.689	1361058.52	5.7131	A	1.1
7	☐	1000.000	1000.169	2680889.87	11.4547	A	1.4
8	☐			9255.30	0.0399	P	2.5

$$y = 0.0114 * x + 0.0034$$

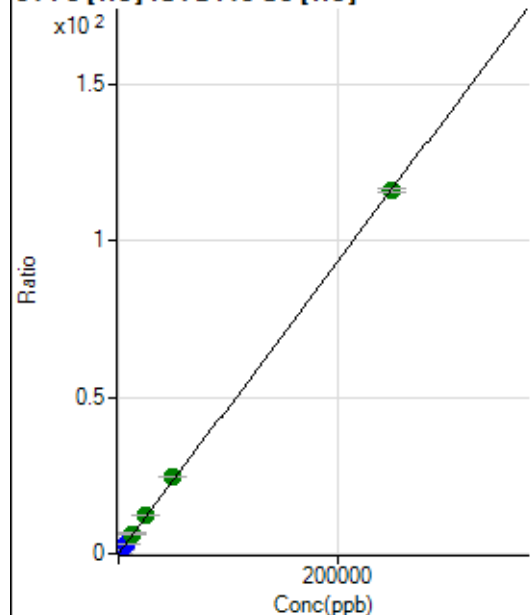
$$R = 1.0000$$

$$DL = 0.108$$

$$BEC = 0.2976$$

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	655.58	0.0026	P	5.9
2	☐	50.000	51.989	6925.87	0.0268	P	2.2
3	☐	2500.000	2776.971	308625.38	1.2961	P	3.5
4	☐	6250.000	6484.584	725594.56	3.0231	P	4.7
5	☐	12500.000	13608.920	1488449.13	6.3415	A	4.0
6	☐	25000.000	26380.932	2927467.77	12.2906	A	2.1
7	☐	50000.000	52993.697	5777693.47	24.6865	A	1.6
8	☐	250000.00	249199.08	26944945.28	116.0766	A	1.1

$$y = 4.6579E-004 * x + 0.0026$$

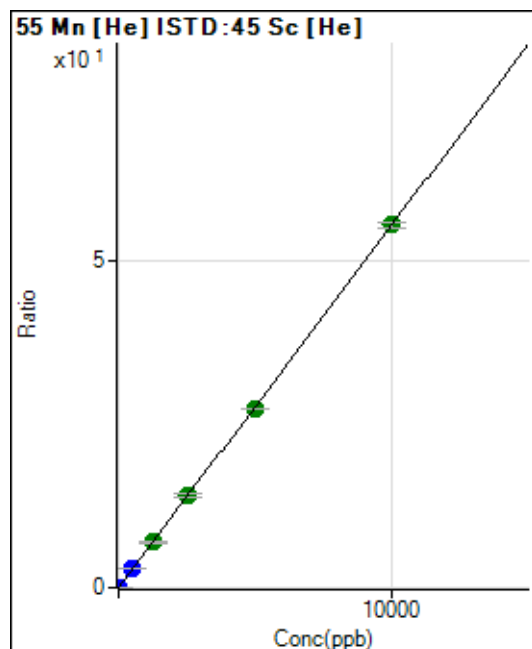
$$R = 0.9999$$

$$DL = 1.001$$

$$BEC = 5.641$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	108.89	0.0004	P	15.2
2	☐	1.000	0.988	1526.77	0.0059	P	1.1
3	☐	500.000	521.824	688348.66	2.8916	P	4.8
4	☐	1250.000	1261.579	1677601.43	6.9903	A	4.9
5	☐	2500.000	2551.430	3318866.38	14.1368	A	2.9
6	☐	5000.000	4938.714	6519610.60	27.3638	A	0.2
7	☐	10000.000	10015.247	12987417.17	55.4907	A	1.8
8	☐			22279.69	0.0960	P	3.0

$$y = 0.0055 * x + 4.3909E-004$$

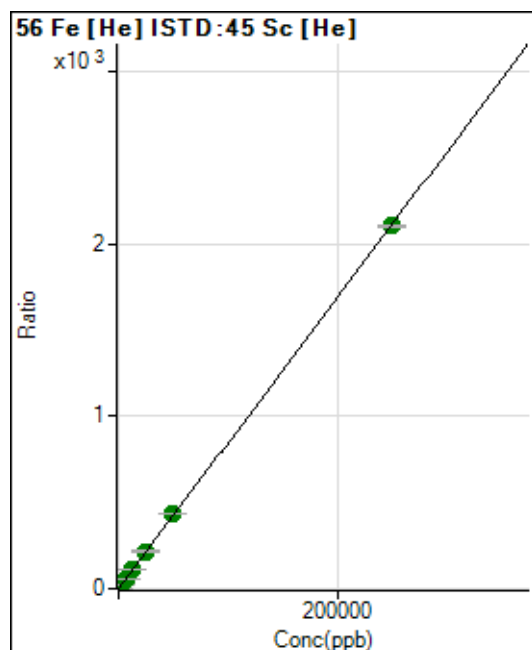
$$R = 1.0000$$

$$DL = 0.03624$$

$$BEC = 0.07925$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	4024.73	0.0162	P	7.8
2	☐	50.000	50.223	113508.71	0.4400	P	3.0
3	☐	2500.000	2759.045	5545725.99	23.2977	A	5.0
4	☐	6250.000	6461.040	13086237.33	54.5361	A	5.3
5	☐	12500.000	13330.426	26406093.64	112.5017	A	4.1
6	☐	25000.000	25718.703	51694238.20	217.0371	A	2.3
7	☐	50000.000	51631.086	101974562.4	435.6922	A	1.2
8	☐	250000.00	249552.52	488839333.1	2,105.802	A	0.8

$$y = 0.0084 * x + 0.0162$$

$$R = 1.0000$$

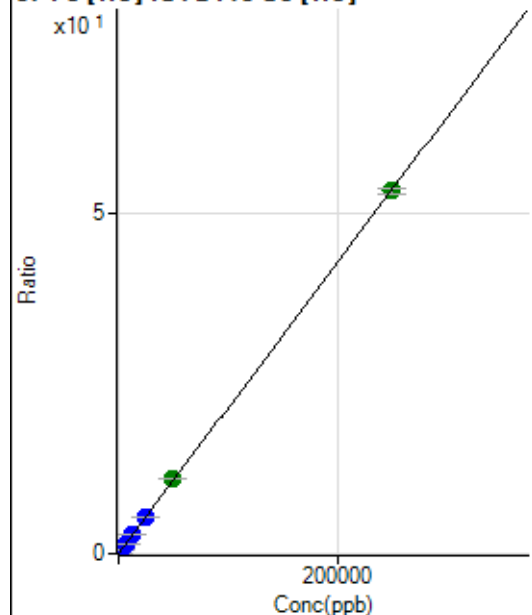
$$DL = 0.4478$$

$$BEC = 1.922$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	253.71	0.0010	P	21.7
2	☐	50.000	47.844	2902.21	0.0112	P	4.0
3	☐	2500.000	2673.799	136257.35	0.5724	P	4.7
4	☐	6250.000	6260.304	321270.75	1.3388	P	5.1
5	☐	12500.000	13013.455	652940.91	2.7819	P	4.4
6	☐	25000.000	24743.600	1259793.56	5.2885	P	1.3
7	☐	50000.000	51744.568	2587965.39	11.0583	A	1.3
8	☐	250000.00	249649.05	12383530.83	53.3483	A	1.5

$$y = 2.1369E-004 * x + 0.0010$$

$$R = 1.0000$$

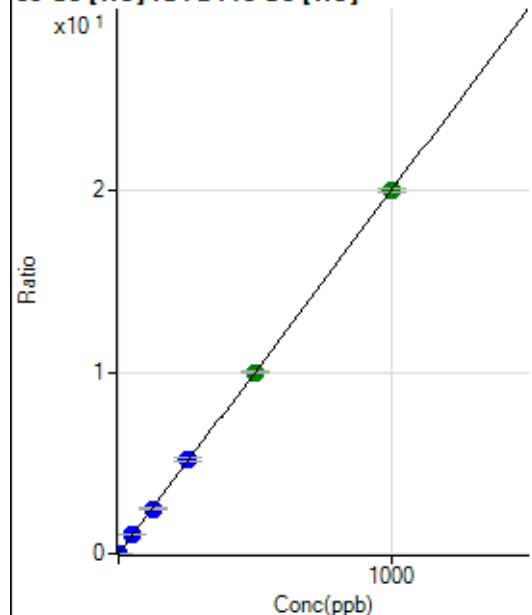
$$DL = 3.125$$

$$BEC = 4.802$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	68.89	0.0003	P	10.0
2	☐	1.000	0.996	5213.23	0.0202	P	4.2
3	☐	50.000	52.918	252183.76	1.0590	P	3.2
4	☐	125.000	123.380	592451.07	2.4687	P	4.7
5	☐	250.000	257.932	1211282.33	5.1607	P	4.1
6	☐	500.000	499.847	2382361.01	10.0006	A	1.3
7	☐	1000.000	998.150	4673964.65	19.9701	A	0.9
8	☐			6896.18	0.0297	P	1.9

$$y = 0.0200 * x + 2.7661E-004$$

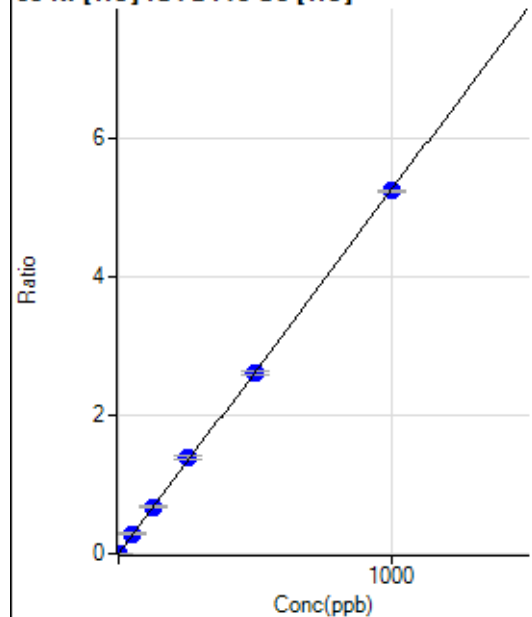
$$R = 1.0000$$

$$DL = 0.004138$$

$$BEC = 0.01383$$

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	161.12	0.0006	P	14.0
2	☐	1.000	1.051	1593.44	0.0062	P	5.1
3	☐	50.000	55.128	69225.35	0.2907	P	3.6
4	☐	125.000	128.274	162075.67	0.6756	P	5.9
5	☐	250.000	265.126	327604.28	1.3957	P	3.7
6	☐	500.000	497.222	623296.09	2.6169	P	2.3
7	☐	1000.000	996.942	1227827.85	5.2463	P	0.6
8	☐			2926.99	0.0126	P	3.5

$$y = 0.0053 * x + 6.4994E-004$$

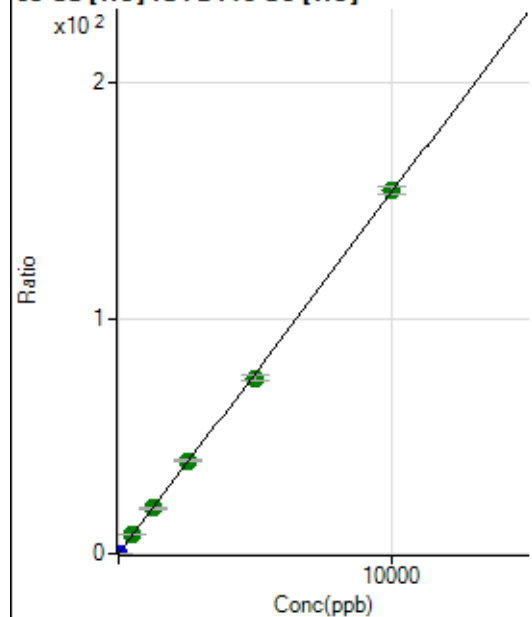
$$R = 0.9999$$

$$DL = 0.05178$$

$$BEC = 0.1235$$

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	811.14	0.0033	P	6.0
2	☐	2.000	2.035	8892.83	0.0345	P	3.8
3	☐	500.000	536.610	1961255.02	8.2354	A	2.9
4	☐	1250.000	1255.942	4624149.31	19.2706	A	5.2
5	☐	2500.000	2578.510	9286229.58	39.5601	A	3.8
6	☐	5000.000	4869.800	17794861.54	74.7107	A	2.2
7	☐	10000.000	10042.899	36059402.24	154.0710	A	2.1
8	☐			11975.15	0.0516	P	8.1

$$y = 0.0153 * x + 0.0033$$

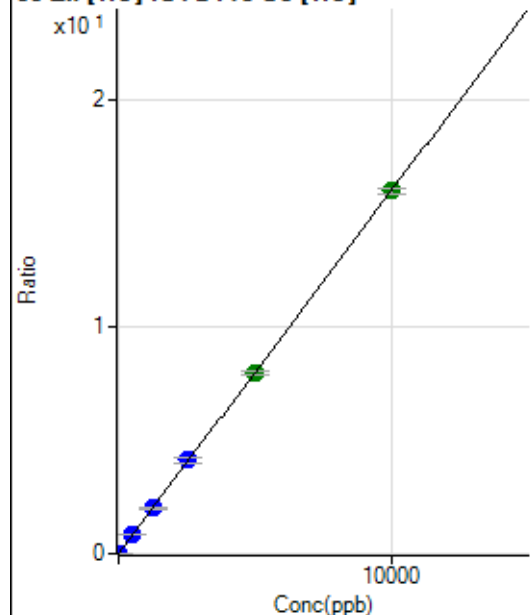
$$R = 0.9998$$

$$DL = 0.03805$$

$$BEC = 0.2128$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	201.11	0.0008	P	13.7
2	☐	2.000	2.293	1156.73	0.0045	P	6.5
3	☐	500.000	530.602	202017.85	0.0486	P	4.5
4	☐	1250.000	1261.738	484194.21	0.20168	P	3.3
5	☐	2500.000	2576.385	966102.35	0.41172	P	5.6
6	☐	5000.000	4971.663	1892365.56	0.79443	A	1.7
7	☐	10000.000	9992.075	3736860.08	0.159656	A	1.8
8	☐			8855.06	0.0381	P	1.0

$$y = 0.0016 * x + 8.1367E-004$$

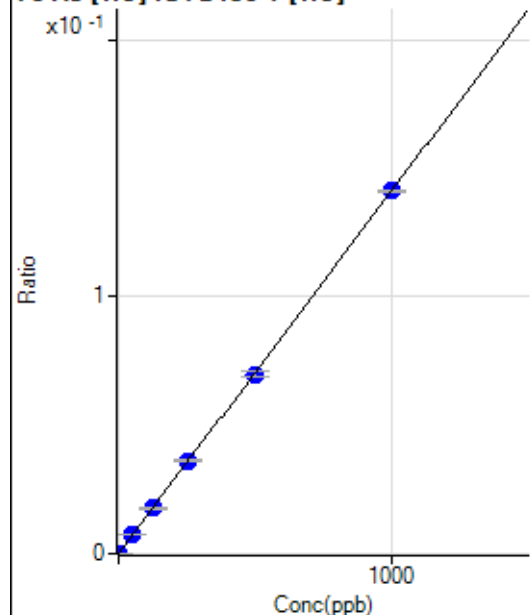
$$R = 1.0000$$

$$DL = 0.2088$$

$$BEC = 0.5093$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13.67	0.0000	P	13.2
2	☐	1.000	1.036	280.03	0.0002	P	2.3
3	☐	50.000	54.018	12772.05	0.0076	P	3.7
4	☐	125.000	126.149	30320.41	0.0178	P	3.7
5	☐	250.000	256.552	60871.36	0.0362	P	3.7
6	☐	500.000	495.400	119193.33	0.0700	P	3.4
7	☐	1000.000	1000.317	235002.37	0.1412	P	0.8
8	☐			106.68	0.0001	P	8.9

$$y = 1.4119E-004 * x + 7.6876E-006$$

$$R = 1.0000$$

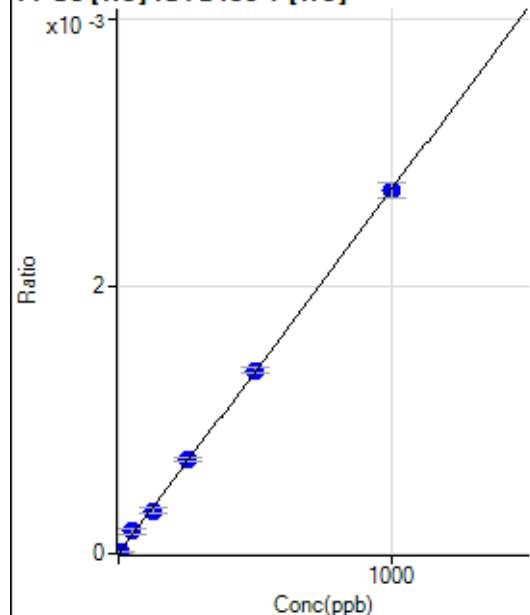
$$DL = 0.0215$$

$$BEC = 0.05445$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2.22	0.0000	P	87.6
2	☐	5.000	3.153	17.78	0.0000	P	29.7
3	☐	50.000	61.998	283.34	0.0002	P	26.2
4	☐	125.000	118.267	550.02	0.0003	P	15.0
5	☐	250.000	258.233	1182.28	0.0007	P	4.3
6	☐	500.000	504.008	2339.11	0.0014	P	3.5
7	☐	1000.000	996.189	4510.78	0.0027	P	4.1
8	☐			5.55	0.0000	P	69.0

$$y = 2.7206\text{E-}006 * x + 1.2301\text{E-}006$$

$$R = 0.9998$$

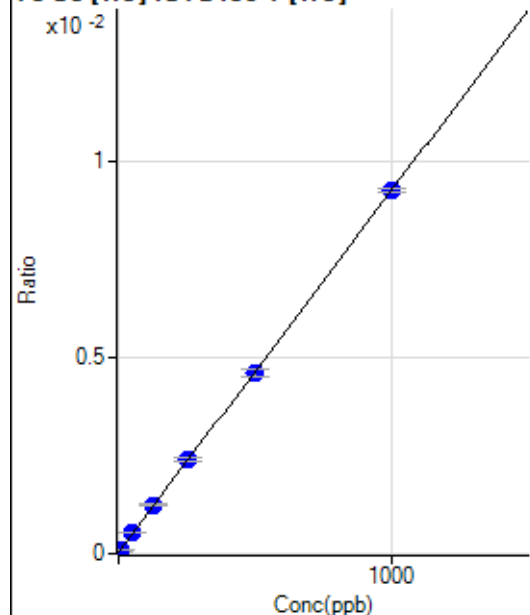
$$DL = 1.188$$

$$BEC = 0.4521$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	65.01	0.0000	P	11.4
2	☐	5.000	5.073	152.02	0.0001	P	10.6
3	☐	50.000	54.231	898.12	0.0005	P	5.6
4	☐	125.000	129.909	2100.70	0.0012	P	3.2
5	☐	250.000	255.989	4026.65	0.0024	P	4.6
6	☐	500.000	496.602	7863.33	0.0046	P	3.7
7	☐	1000.000	999.376	15391.28	0.0093	P	1.0
8	☐			66.34	0.0000	P	8.8

$$y = 9.2191\text{E-}006 * x + 3.6814\text{E-}005$$

$$R = 1.0000$$

$$DL = 1.365$$

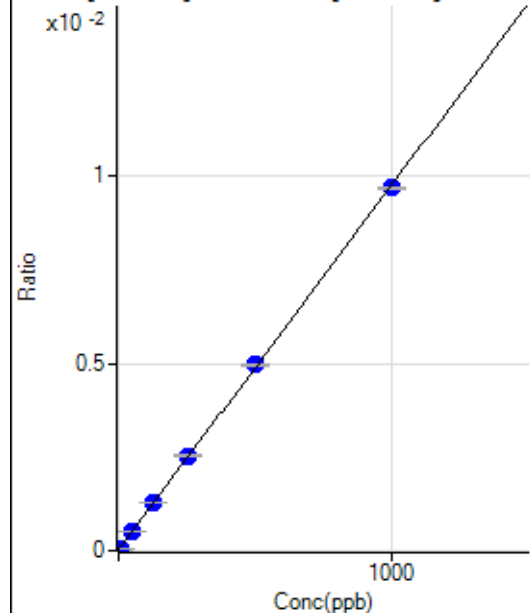
$$BEC = 3.993$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			23597.55		P	2.3
2	☐			23336.97		P	2.6
3	☐			22865.70		P	1.4
4	☐			22431.11		P	2.1
5	☐			20950.81		P	3.6
6	☐			21338.19		P	2.9
7	☐			22090.19		P	4.6
8	☐			21174.56		P	1.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	386.14	0.0000	P	51.4
2	☐	5.000	4.592	1106.99	0.0001	P	8.9
3	☐	50.000	52.082	8614.80	0.0005	P	2.2
4	☐	125.000	130.651	21032.00	0.0013	P	0.5
5	☐	250.000	257.643	41141.20	0.0025	P	1.0
6	☐	500.000	508.525	80874.20	0.0050	P	1.3
7	☐	1000.000	993.018	158684.63	0.0097	P	0.8
8	☐			518.94	0.0000	P	6.5

$$y = 9.7349\text{E-}006 * x + 2.3311\text{E-}005$$

$$R = 0.9999$$

$$DL = 3.693$$

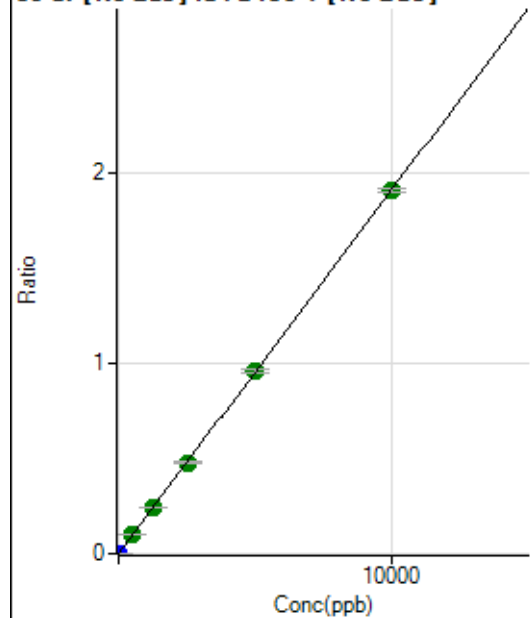
$$BEC = 2.395$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3143.72		P	6.9
2	☐			3292.64		P	3.7
3	☐			3235.96		P	4.2
4	☐			3304.87		P	7.2
5	☐			3207.07		P	4.8
6	☐			3164.84		P	3.1
7	☐			3285.98		P	6.3
8	☐			3162.61		P	1.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	4850.97	0.0003	P	4.7
2	☐	1.000	1.089	8160.92	0.0005	P	1.8
3	☐	500.000	514.153	1596291.47	0.0982	A	0.1
4	☐	1250.000	1258.211	3896775.39	0.2400	A	1.6
5	☐	2500.000	2507.512	7768733.16	0.4780	A	0.6
6	☐	5000.000	5035.343	15601871.18	0.9596	A	2.2
7	☐	10000.000	9978.716	31136763.89	1.9014	A	1.2
8	☐			31007.28	0.0019	P	6.2

$$y = 1.9051E-004 * x + 2.9411E-004$$

$$R = 1.0000$$

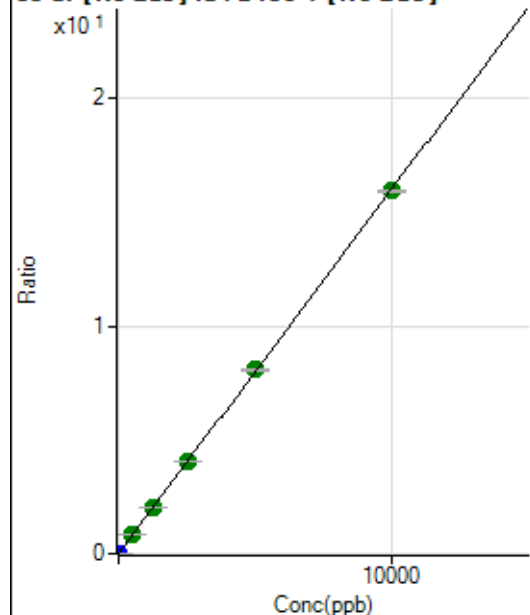
$$DL = 0.216$$

$$BEC = 1.544$$

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	250.01	0.0000	P	7.2
2	☐	1.000	1.049	27547.22	0.0017	P	0.6
3	☐	500.000	510.841	13277961.23	0.8172	A	1.0
4	☐	1250.000	1255.680	32617266.70	2.0087	A	1.5
5	☐	2500.000	2536.121	65939954.95	4.0569	A	1.5
6	☐	5000.000	5057.299	131541822.3	8.0899	A	1.4
7	☐	10000.000	9961.068	260938516.9	15.9343	A	0.6
8	☐			225118.56	0.0141	P	6.8

$$y = 0.0016 * x + 1.5157E-005$$

$$R = 1.0000$$

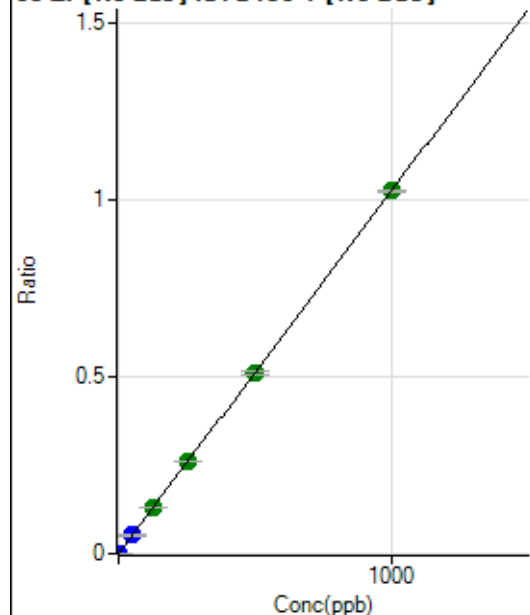
$$DL = 0.002056$$

$$BEC = 0.009475$$

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	1027.84	0.0001	P	9.4
2	☐	1.000	0.992	17542.05	0.0011	P	3.9
3	☐	50.000	50.696	844033.33	0.0520	P	1.8
4	☐	125.000	125.585	2088669.36	0.1286	A	0.8
5	☐	250.000	253.671	4221446.10	0.2598	A	1.4
6	☐	500.000	498.072	8291987.51	0.5099	A	2.3
7	☐	1000.000	999.939	16764427.11	1.0237	A	0.7
8	☐			11785.87	0.0007	P	6.8

$$y = 0.0010 * x + 6.2266E-005$$

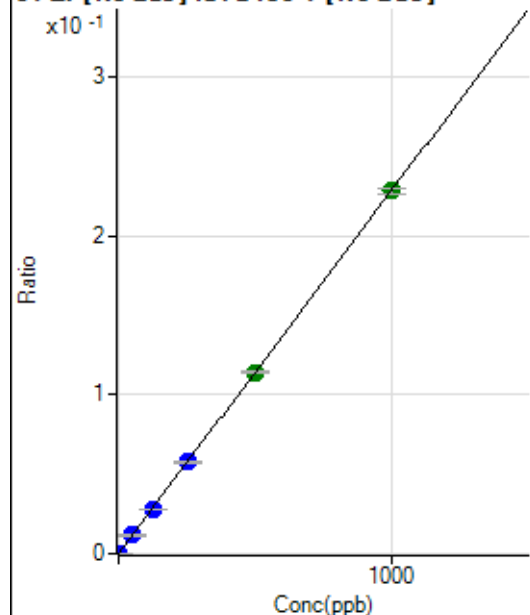
$$R = 1.0000$$

$$DL = 0.01716$$

$$BEC = 0.06082$$

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	219.45	0.0000	P	8.1
2	☐	1.000	0.964	3803.42	0.0002	P	1.5
3	☐	50.000	50.733	188609.22	0.0116	P	2.4
4	☐	125.000	123.791	459798.27	0.0283	P	0.3
5	☐	250.000	252.178	937279.49	0.0577	P	0.5
6	☐	500.000	500.446	1860684.76	0.1144	A	1.2
7	☐	1000.000	999.347	3741801.91	0.2285	A	1.3
8	☐			2597.54	0.0002	P	16.0

$$y = 2.2863\text{E-}004 * x + 1.3303\text{E-}005$$

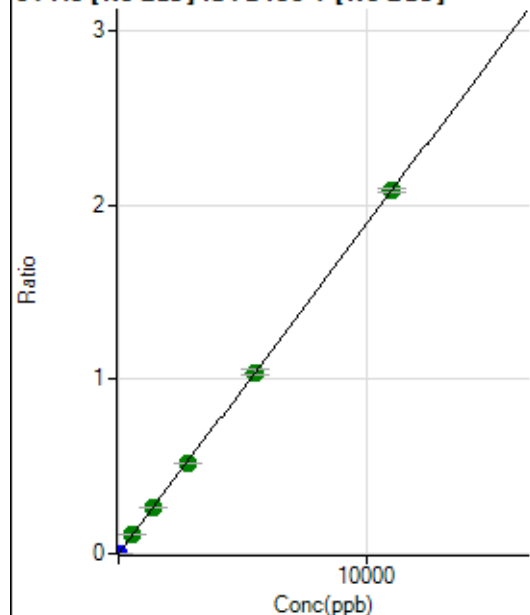
$$R = 1.0000$$

$$DL = 0.01415$$

$$BEC = 0.05818$$

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	316.68	0.0000	P	16.0
2	☐	5.000	6.359	19895.37	0.0012	P	2.5
3	☐	550.000	568.572	1748107.68	0.1076	A	3.5
4	☐	1375.000	1394.836	4286462.51	0.2640	A	1.6
5	☐	2750.000	2737.607	8420307.13	0.5181	A	0.5
6	☐	5500.000	5499.845	16924667.91	1.0408	A	3.4
7	☐	11000.000	10999.767	34089474.72	2.0817	A	1.2
8	☐			16212.67	0.0010	P	10.7

$$y = 1.8924\text{E-}004 * x + 1.9192\text{E-}005$$

$$R = 1.0000$$

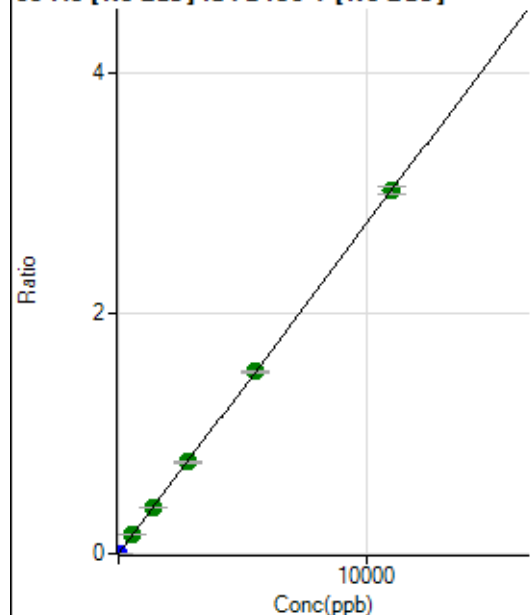
$$DL = 0.04856$$

$$BEC = 0.1014$$

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	58.33	0.0000	P	37.4
2	☐	5.000	5.285	23693.07	0.0015	P	6.0
3	☐	550.000	571.825	2554008.72	0.1572	A	0.7
4	☐	1375.000	1381.930	6167225.27	0.3798	A	1.6
5	☐	2750.000	2779.064	12413983.01	0.7638	A	1.2
6	☐	5500.000	5506.508	24609903.85	1.5135	A	1.4
7	☐	11000.000	10987.522	49452927.84	3.0200	A	2.0
8	☐			19814.85	0.0012	P	13.5

$$y = 2.7485\text{E-}004 * x + 3.5288\text{E-}006$$

$$R = 1.0000$$

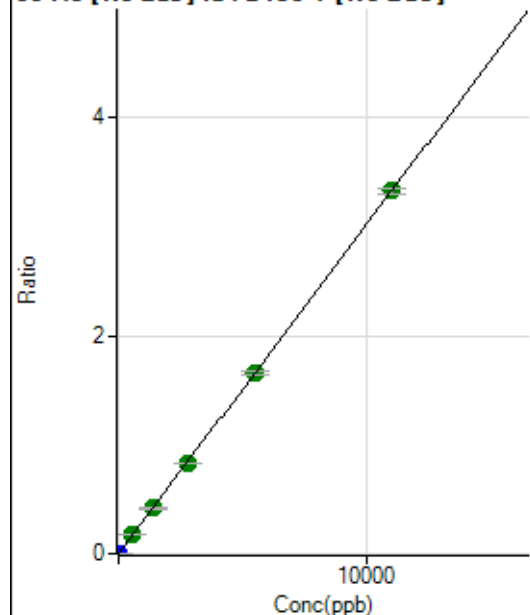
$$DL = 0.01439$$

$$BEC = 0.01284$$

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	291.68	0.0000	P	6.3
2	☐	5.000	5.343	26564.95	0.0016	P	1.5
3	☐	550.000	568.850	2793597.92	0.1719	A	0.7
4	☐	1375.000	1375.958	6753284.40	0.4159	A	1.1
5	☐	2750.000	2742.036	13470533.72	0.8288	A	2.0
6	☐	5500.000	5480.287	26933242.44	1.6564	A	1.9
7	☐	11000.000	11010.785	54495444.97	3.3280	A	1.6
8	☐			32291.58	0.0020	P	8.2

$$y = 3.0224\text{E-}004 * x + 1.7683\text{E-}005$$

$$R = 1.0000$$

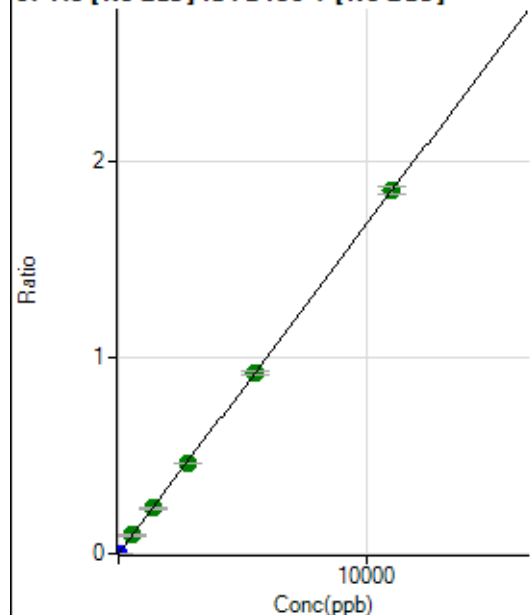
$$DL = 0.01104$$

$$BEC = 0.05851$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	44.44	0.0000	P	27.3
2	☐	5.000	5.281	14510.73	0.0009	P	2.6
3	☐	550.000	556.695	1522794.46	0.0937	A	1.5
4	☐	1375.000	1383.236	3781826.91	0.2329	A	2.0
5	☐	2750.000	2746.324	7515401.82	0.4624	A	0.3
6	☐	5500.000	5481.599	15007349.99	0.9230	A	1.3
7	☐	11000.000	11008.755	30351743.73	1.8536	A	1.9
8	☐			12297.59	0.0008	P	13.2

$$y = 1.6837\text{E-}004 * x + 2.6873\text{E-}006$$

$$R = 1.0000$$

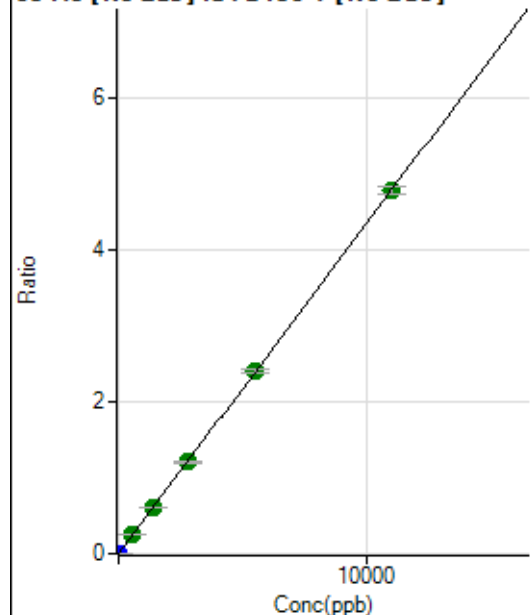
$$DL = 0.01307$$

$$BEC = 0.01596$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	133.34	0.0000	P	23.7
2	☐	5.000	5.111	36331.54	0.0022	P	2.4
3	☐	550.000	563.265	3984407.08	0.2452	A	0.5
4	☐	1375.000	1396.423	9871117.15	0.6079	A	1.0
5	☐	2750.000	2781.213	19677556.00	1.2108	A	1.3
6	☐	5500.000	5523.956	39104102.26	2.4048	A	1.4
7	☐	11000.000	10976.878	78248242.72	4.7786	A	2.2
8	☐			31631.85	0.0020	P	15.3

$$y = 4.3534\text{E-}004 * x + 8.0979\text{E-}006$$

$$R = 1.0000$$

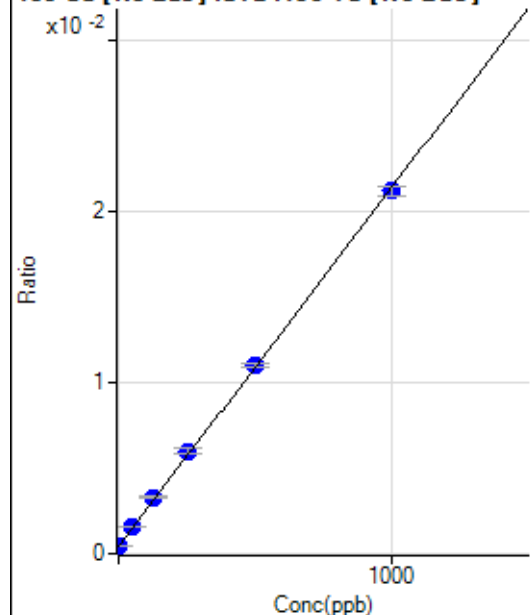
$$DL = 0.01321$$

$$BEC = 0.0186$$

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	4059.04	0.0004	P	7.5
2	☐	1.000	0.952	4298.01	0.0004	P	1.6
3	☐	50.000	56.134	15739.97	0.0016	P	2.4
4	☐	125.000	136.632	32241.22	0.0033	P	1.7
5	☐	250.000	264.787	59518.65	0.0060	P	5.5
6	☐	500.000	506.264	111643.35	0.0110	P	1.7
7	☐	1000.000	991.411	220414.47	0.0212	P	2.3
8	☐			4092.39	0.0004	P	6.4

$$y = 2.0941\text{E-}005 * x + 4.2347\text{E-}004$$

$$R = 0.9998$$

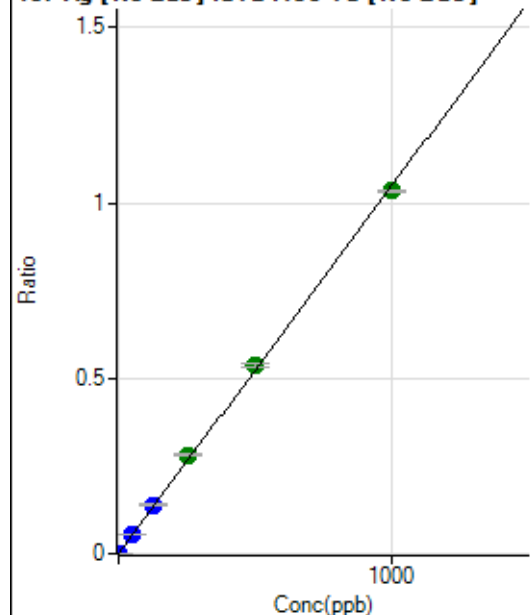
$$DL = 4.528$$

$$BEC = 20.22$$

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	55.56	0.0000	P	19.6
2	☐	1.000	0.996	10165.10	0.0010	P	5.2
3	☐	50.000	53.496	551975.46	0.0561	P	0.9
4	☐	125.000	133.226	1370086.02	0.1396	P	1.1
5	☐	250.000	267.342	2795030.77	0.2801	A	2.3
6	☐	500.000	514.480	5458780.16	0.5391	A	2.1
7	☐	1000.000	987.222	10766981.58	1.0345	A	0.4
8	☐			5006.60	0.0005	P	8.6

$$y = 0.0010 * x + 5.8067\text{E-}006$$

$$R = 0.9997$$

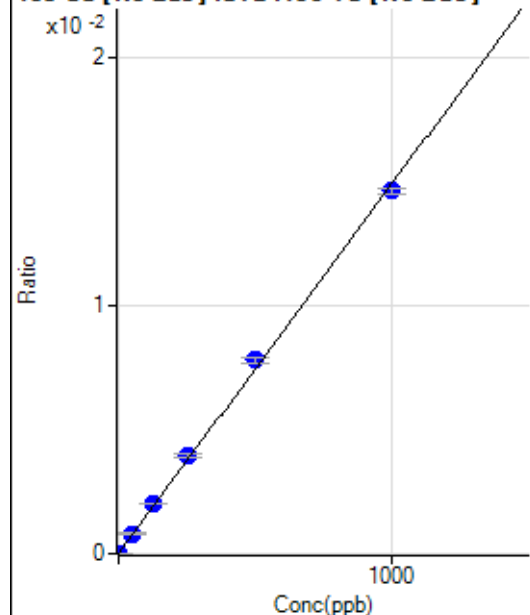
$$DL = 0.003254$$

$$BEC = 0.005541$$

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	51.39	0.0000	P	11.4
2	☐	1.000	1.055	204.17	0.0000	P	3.5
3	☐	50.000	53.774	7935.71	0.0008	P	2.4
4	☐	125.000	135.411	19832.48	0.0020	P	1.2
5	☐	250.000	267.539	39774.07	0.0040	P	3.8
6	☐	500.000	523.457	78939.90	0.0078	P	3.0
7	☐	1000.000	982.397	152221.39	0.0146	P	1.6
8	☐			197.23	0.0000	P	13.9

$$y = 1.4885\text{E-}005 * x + 5.3529\text{E-}006$$

$$R = 0.9994$$

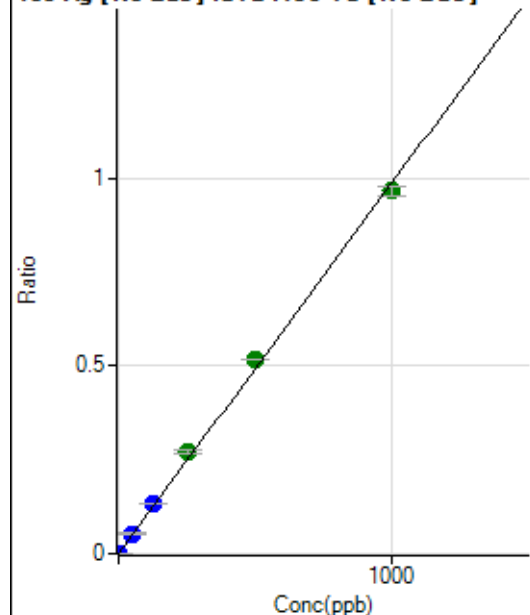
$$DL = 0.1234$$

$$BEC = 0.3596$$

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	27.78	0.0000	P	15.7
2	☐	1.000	0.992	9514.65	0.0010	P	6.0
3	☐	50.000	54.305	527621.90	0.0536	P	1.6
4	☐	125.000	134.942	1306530.65	0.1332	P	2.9
5	☐	250.000	275.003	2706217.83	0.2714	A	4.9
6	☐	500.000	524.679	5243722.99	0.5178	A	0.7
7	☐	1000.000	979.952	10062147.45	0.9670	A	2.7
8	☐			4648.14	0.0005	P	10.7

$$y = 9.8681\text{E-}004 * x + 2.8909\text{E-}006$$

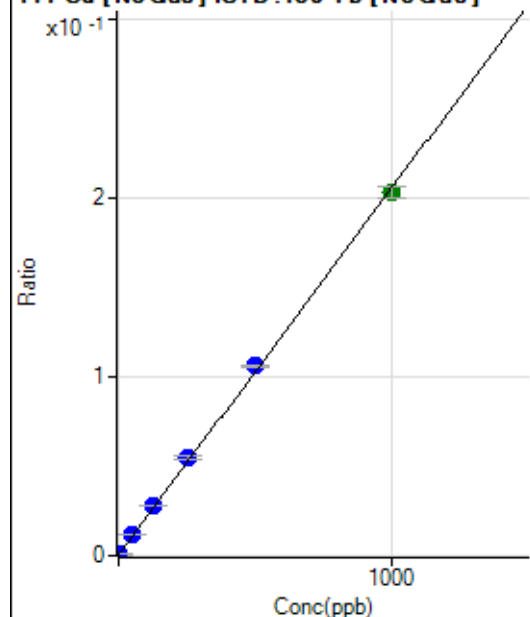
$$R = 0.9992$$

$$DL = 0.001375$$

$$BEC = 0.00293$$

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	3475.39	0.0004	P	7.4
2	☐	1.000	1.070	5639.10	0.0006	P	2.5
3	☐	50.000	54.573	113691.72	0.0115	P	1.1
4	☐	125.000	133.763	272553.83	0.0278	P	2.5
5	☐	250.000	264.976	545337.78	0.0547	P	3.5
6	☐	500.000	515.395	1073439.23	0.1060	P	0.8
7	☐	1000.000	987.235	2108770.79	0.2027	A	3.2
8	☐			4582.62	0.0005	P	7.5

$$y = 2.0496E-004 * x + 3.6257E-004$$

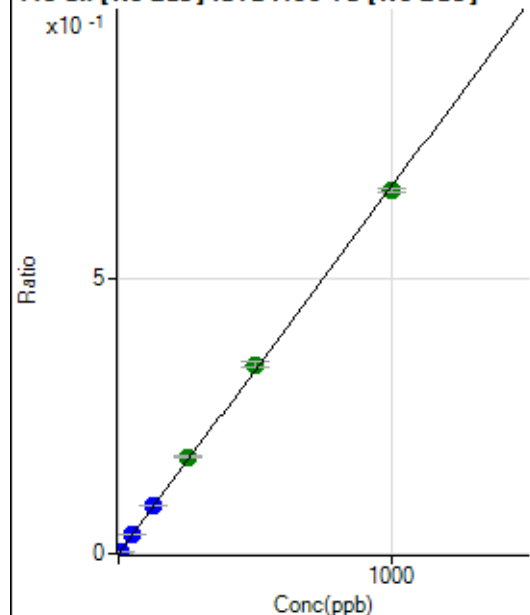
$$R = 0.9997$$

$$DL = 0.3948$$

$$BEC = 1.769$$

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	1147.31	0.0001	P	13.4
2	☐	5.000	5.390	35964.71	0.0037	P	3.9
3	☐	50.000	52.985	348666.90	0.0354	P	3.8
4	☐	125.000	130.618	855070.17	0.0871	P	2.3
5	☐	250.000	262.938	1749433.18	0.1753	A	2.0
6	☐	500.000	515.264	3477164.62	0.3434	A	2.4
7	☐	1000.000	988.280	6853048.94	0.6586	A	1.2
8	☐			4839.88	0.0005	P	10.1

$$y = 6.6627E-004 * x + 1.1982E-004$$

$$R = 0.9997$$

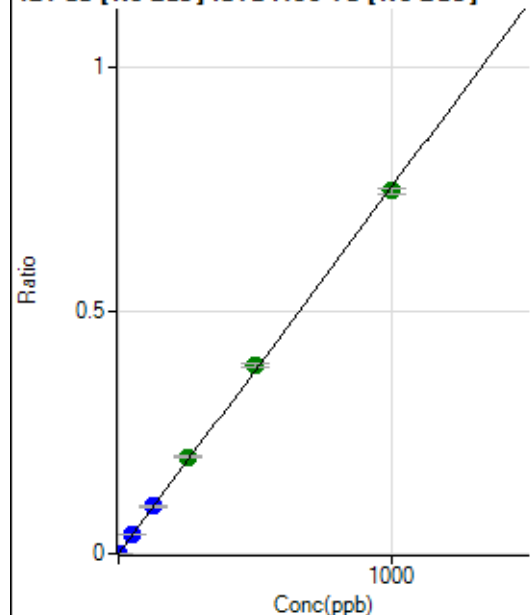
$$DL = 0.07213$$

$$BEC = 0.1798$$

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	83.34	0.0000	P	28.6
2	☐	2.000	2.059	15147.68	0.0016	P	1.8
3	☐	50.000	51.423	382248.21	0.0388	P	0.3
4	☐	125.000	129.983	962700.55	0.0981	P	2.6
5	☐	250.000	264.126	1988901.67	0.1994	A	2.9
6	☐	500.000	512.275	3915156.94	0.3867	A	2.2
7	☐	1000.000	989.637	7772688.71	0.7470	A	1.3
8	☐			8269.42	0.0008	P	8.5

$$y = 7.5479\text{E-}004 * x + 8.7189\text{E-}006$$

$$R = 0.9998$$

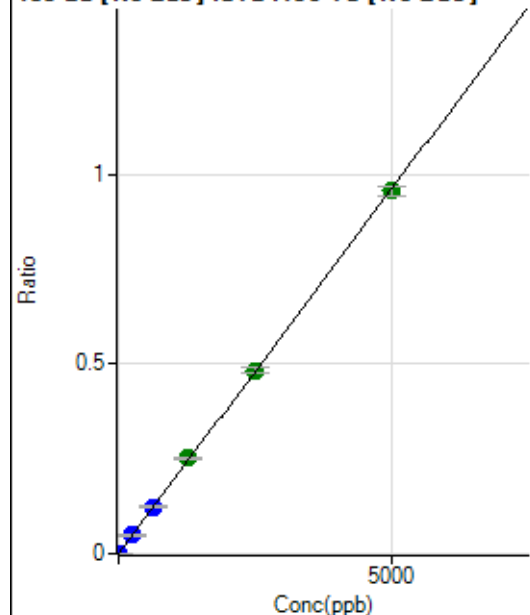
$$DL = 0.009923$$

$$BEC = 0.01155$$

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	52.78	0.0000	P	39.7
2	☐	10.000	10.118	18883.05	0.0019	P	4.5
3	☐	250.000	250.920	474407.00	0.0482	P	0.7
4	☐	625.000	639.650	1205221.25	0.1228	P	2.6
5	☐	1250.000	1305.567	2500853.53	0.2507	A	2.7
6	☐	2500.000	2517.064	4893751.41	0.4833	A	2.9
7	☐	5000.000	4975.699	9939703.00	0.9554	A	2.4
8	☐			5131.67	0.0005	P	14.2

$$y = 1.9201\text{E-}004 * x + 5.5087\text{E-}006$$

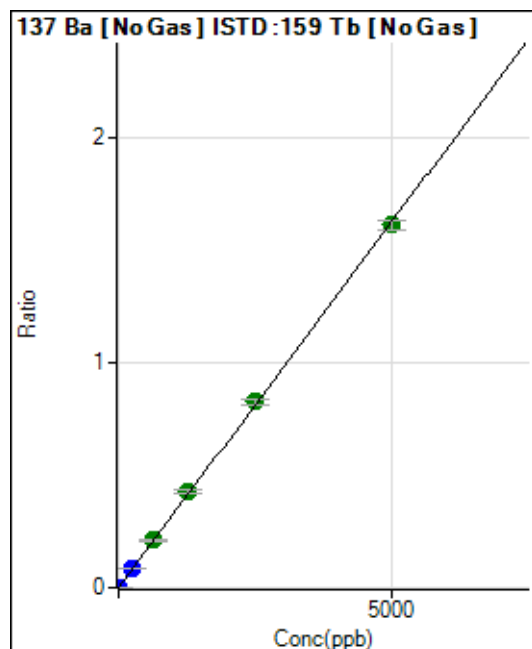
$$R = 0.9999$$

$$DL = 0.03417$$

$$BEC = 0.02869$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	86.11	0.0000	P	15.0
2	☐	10.000	10.418	32938.11	0.0034	P	5.4
3	☐	250.000	256.408	821772.50	0.0835	P	1.3
4	☐	625.000	650.103	2076165.09	0.2116	A	2.8
5	☐	1250.000	1305.673	4238741.02	0.4250	A	3.9
6	☐	2500.000	2540.700	8372905.66	0.8270	A	3.0
7	☐	5000.000	4962.272	16803470.51	1.6151	A	2.7
8	☐			9375.78	0.0009	P	14.7

$$y = 3.2548\text{E-}004 * x + 8.9810\text{E-}006$$

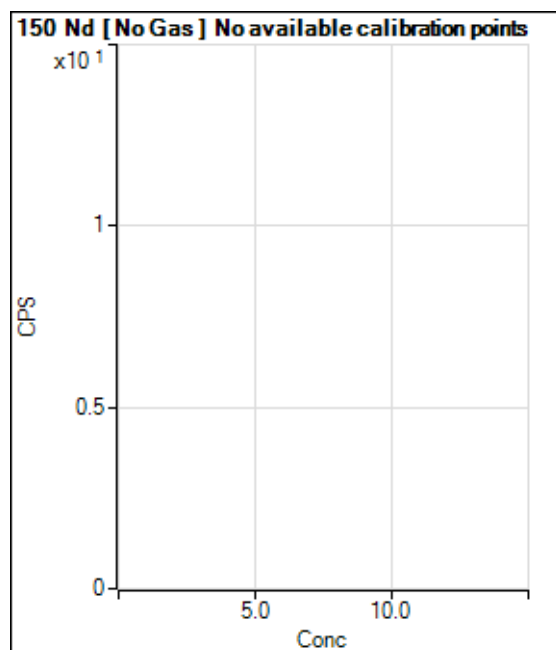
$$R = 0.9999$$

$$DL = 0.01242$$

$$BEC = 0.02759$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	114.
2	☐			6.67		P	100.
3	☐			37.78		P	71.3
4	☐			71.11		P	23.6
5	☐			160.01		P	12.5
6	☐			211.12		P	9.6
7	☐			455.58		P	12.8
8	☐			73.34		P	41.7

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			1.11		P	173.
3	☐			2.22		P	86.6
4	☐			5.56		P	34.7
5	☐			12.22		P	31.5
6	☐			21.11		P	39.7
7	☐			28.89		P	40.5
8	☐			16.67		P	40.0

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.89		P	91.6
2	☐			22.22		P	21.6
3	☐			38.89		P	24.7
4	☐			36.11		P	35.3
5	☐			113.89		P	48.7
6	☐			177.78		P	13.5
7	☐			338.91		P	20.0
8	☐			1283.44		P	8.1

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐			2.22		P	86.6
3	☐			11.11		P	69.3
4	☐			26.67		P	21.7
5	☐			56.67		P	11.8
6	☐			110.00		P	21.2
7	☐			166.67		P	5.3
8	☐			584.46		P	1.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			63.89		P	32.8
2	☐			33.33		P	25.0
3	☐			83.34		P	26.5
4	☐			97.22		P	21.6
5	☐			141.67		P	5.9
6	☐			191.67		P	26.1
7	☐			350.01		P	13.3
8	☐			1191.75		P	6.7

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			70.00		P	21.8
2	☐			71.11		P	30.1
3	☐			83.33		P	18.3
4	☐			90.00		P	22.5
5	☐			102.23		P	7.5
6	☐			121.11		P	1.6
7	☐			208.89		P	8.2
8	☐			706.69		P	6.7

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			47.22		P	36.7
2	☐			66.67		P	25.0
3	☐			75.00		P	38.5
4	☐			66.67		P	57.3
5	☐			63.89		P	61.6
6	☐			116.67		P	18.9
7	☐			127.78		P	15.1
8	☐			288.90		P	10.1

164 Er [He] No available calibration points

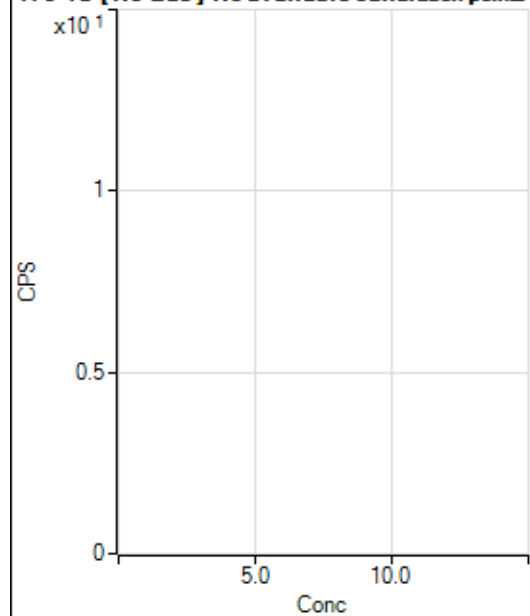
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			26.67		P	33.1
2	☐			33.33		P	10.0
3	☐			26.67		P	45.1
4	☐			33.33		P	43.6
5	☐			45.56		P	18.4
6	☐			36.67		P	24.0
7	☐			42.22		P	12.1
8	☐			98.89		P	37.0

172 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.00		P	33.3
2	☐			36.11		P	74.2
3	☐			38.89		P	61.9
4	☐			36.11		P	35.3
5	☐			38.89		P	32.7
6	☐			55.56		P	22.9
7	☐			61.11		P	34.3
8	☐			138.90		P	19.3

172 Yb [He] No available calibration points

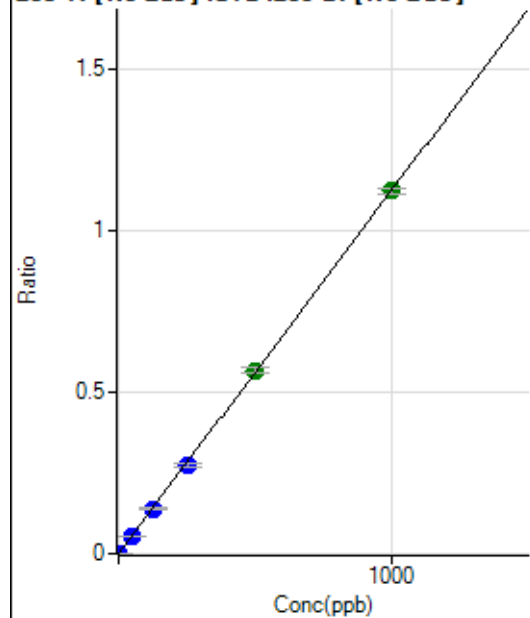
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			12.96		P	65.4
2	☐			7.41		P	173.
3	☐			11.11		P	132.
4	☐			27.78		P	20.0
5	☐			14.82		P	57.3
6	☐			14.82		P	57.3
7	☐			29.63		P	28.6
8	☐			40.74		P	34.3

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1052.86		P	8.1
2	☐			1013.96		P	3.1
3	☐			2244.70		P	1.4
4	☐			4300.82		P	0.2
5	☐			7546.76		P	3.2
6	☐			13993.91		P	1.4
7	☐			26900.47		P	2.4
8	☐			1105.64		P	7.2

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6073.77		P	14.6
2	☐			6260.88		P	2.8
3	☐			6340.54		P	4.9
4	☐			7348.46		P	5.0
5	☐			9038.45		P	4.5
6	☐			11951.87		P	1.3
7	☐			17975.44		P	1.4
8	☐			6134.85		P	4.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	780.60	0.0002	P	4.0
2	☐	1.000	0.969	6271.16	0.0012	P	4.8
3	☐	50.000	48.631	277836.41	0.0549	P	4.3
4	☐	125.000	124.035	706745.04	0.1397	P	0.8
5	☐	250.000	243.138	1423652.59	0.2736	P	3.8
6	☐	500.000	505.331	3037904.06	0.5686	A	3.5
7	☐	1000.000	999.239	5949728.43	1.1241	A	1.5
8	☐			2692.03	0.0006	P	9.8

$$y = 0.0011 * x + 1.5408E-004$$

$$R = 1.0000$$

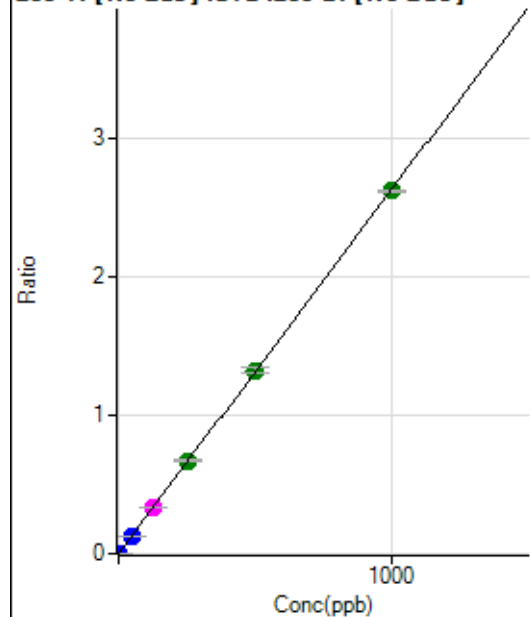
$$DL = 0.01631$$

$$BEC = 0.137$$

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	1747.39	0.0003	P	9.5
2	☐	1.000	0.960	14447.45	0.0029	P	2.3
3	☐	50.000	48.851	652000.61	0.1287	P	3.3
4	☐	125.000	125.952	1676618.92	0.3313	M	2.6
5	☐	250.000	255.732	3498718.31	0.6724	A	2.1
6	☐	500.000	503.675	7074858.75	1.3240	A	2.6
7	☐	1000.000	996.668	13864265.59	2.6195	A	0.4
8	☐			6271.16	0.0013	P	17.1

$$y = 0.0026 * x + 3.4473E-004$$

$$R = 1.0000$$

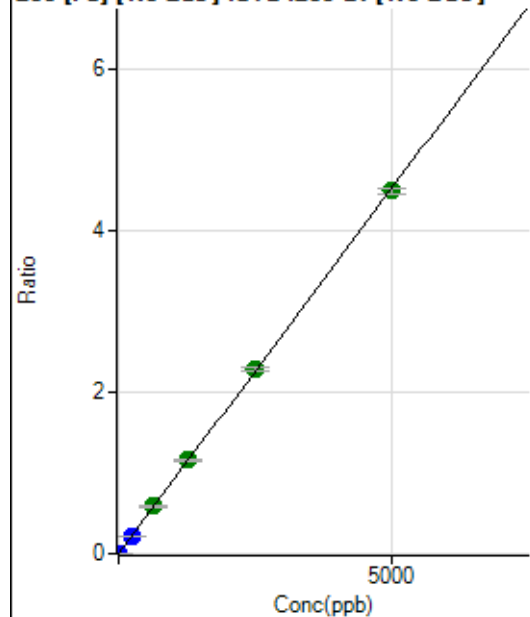
$$DL = 0.03735$$

$$BEC = 0.1312$$

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	511.13	0.0001	P	12.9
2	☐	1.000	0.945	4810.23	0.0010	P	2.5
3	☐	250.000	239.196	1095026.38	0.2162	P	3.5
4	☐	625.000	651.006	2976586.38	0.5882	A	3.2
5	☐	1250.000	1281.670	6026246.72	1.1580	A	1.4
6	☐	2500.000	2539.676	12261415.44	2.2945	A	2.2
7	☐	5000.000	4969.534	23761959.10	4.4896	A	1.7
8	☐			14380.41	0.0030	P	8.1

$$y = 9.0341E-004 * x + 1.0098E-004$$

$$R = 0.9999$$

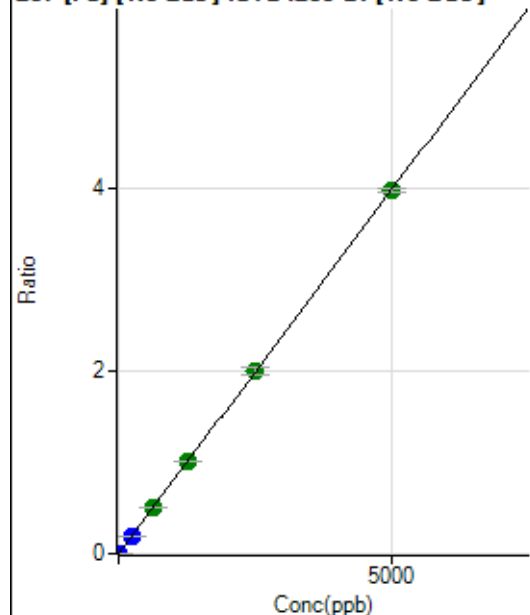
$$DL = 0.04331$$

$$BEC = 0.1118$$

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	461.13	0.0001	P	13.1
2	☐	1.000	0.941	4234.12	0.0008	P	5.1
3	☐	250.000	239.010	964353.97	0.1904	P	3.9
4	☐	625.000	640.547	2581353.70	0.5101	A	1.9
5	☐	1250.000	1266.252	5248081.83	1.0084	A	0.4
6	☐	2500.000	2512.391	10689822.34	2.0006	A	3.3
7	☐	5000.000	4988.348	21023122.46	3.9721	A	1.2
8	☐			12408.04	0.0026	P	10.0

$$y = 7.9626E-004 * x + 9.1100E-005$$

R = 1.0000

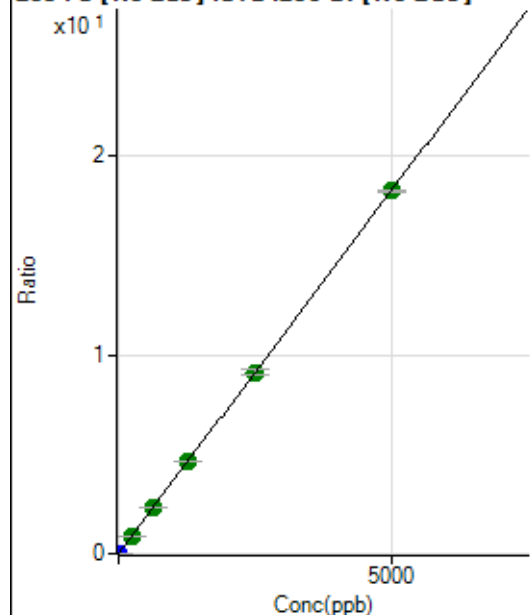
DL = 0.04499

BEC = 0.1144

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	2001.95	0.0004	P	8.1
2	☐	1.000	0.945	19387.59	0.0038	P	2.2
3	☐	250.000	244.533	4525870.39	0.8936	A	3.5
4	☐	625.000	632.980	11701141.84	2.3123	A	0.9
5	☐	1250.000	1267.376	24093411.02	4.6295	A	0.3
6	☐	2500.000	2499.062	48776599.01	9.1282	A	2.9
7	☐	5000.000	4995.401	96572882.26	18.2461	A	0.6
8	☐			56692.08	0.0119	P	8.8

$$y = 0.0037 * x + 3.9558E-004$$

R = 1.0000

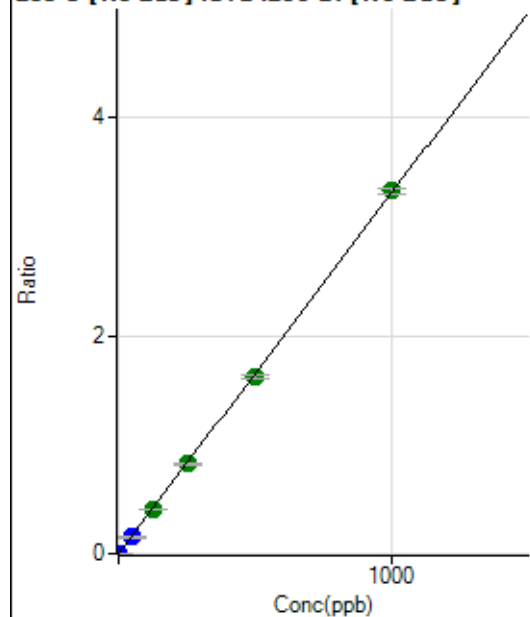
DL = 0.02633

BEC = 0.1083

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.00	0.0000	P	66.9
2	☐	1.000	0.909	15165.06	0.0030	P	2.7
3	☐	50.000	45.929	769297.18	0.1519	P	4.0
4	☐	125.000	122.677	2052841.37	0.4057	A	1.2
5	☐	250.000	249.894	4300695.93	0.8264	A	2.2
6	☐	500.000	489.210	8645771.20	1.6178	A	2.3
7	☐	1000.000	1005.916	17605435.12	3.3265	A	1.8
8	☐			5832.09	0.0012	P	20.8

$$y = 0.0033 * x + 4.9286E-006$$

$$R = 0.9999$$

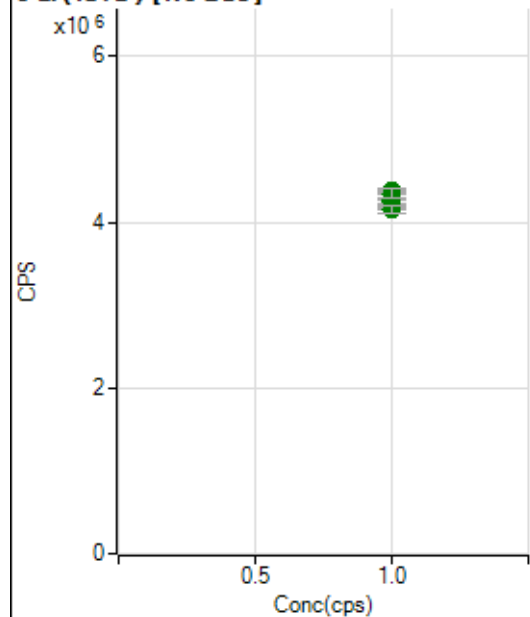
$$DL = 0.002993$$

$$BEC = 0.00149$$

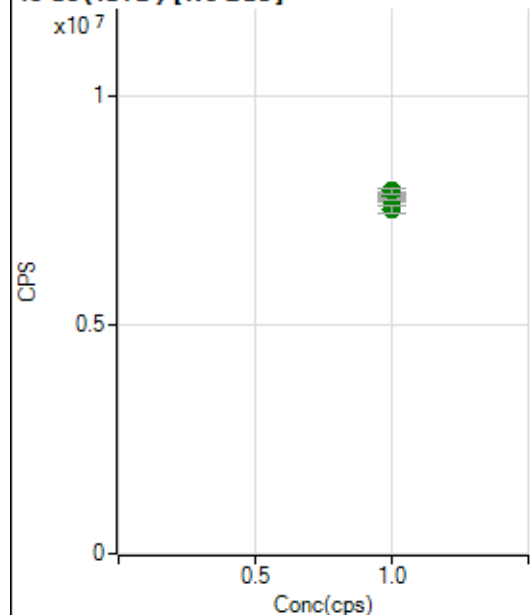
Weight: <None>

Min Conc: 0

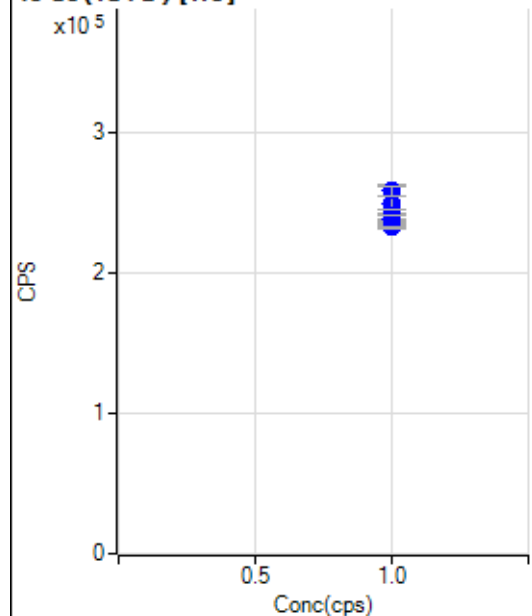
6 Li (ISTD) [No Gas]



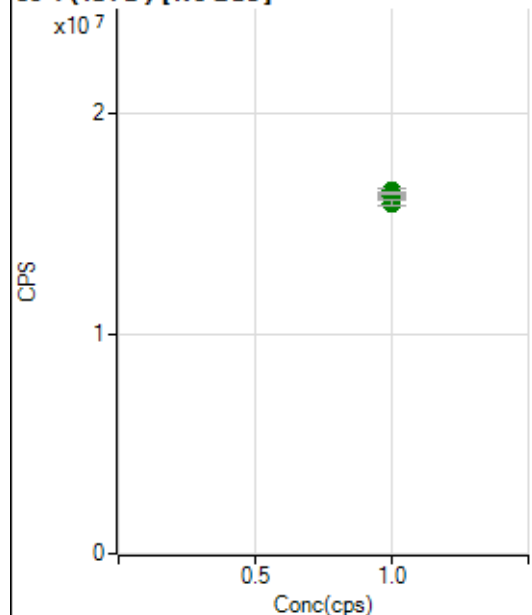
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4175938.17		A	1.5
2	☐	1.000		4286845.71		A	3.0
3	☐	1.000		4336797.75		A	3.0
4	☐	1.000		4260021.36		A	1.9
5	☐	1.000		4375599.67		A	0.8
6	☐	1.000		4249733.89		A	3.9
7	☐	1.000		4341412.70		A	2.7
8	☐	1.000		4144554.23		A	2.1

45 Sc (ISTD) [No Gas]

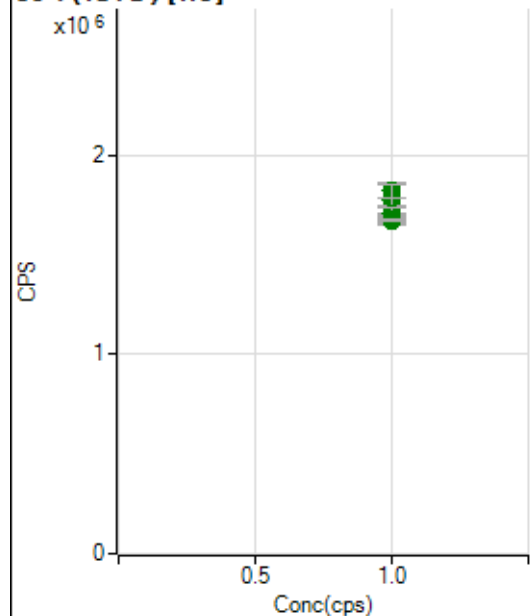
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7798480.65		A	1.1
2	☐	1.000		7871615.51		A	0.9
3	☐	1.000		7817591.21		A	2.4
4	☐	1.000		7720288.64		A	0.9
5	☐	1.000		7773349.12		A	0.7
6	☐	1.000		7939997.24		A	1.2
7	☐	1.000		7933779.88		A	1.8
8	☐	1.000		7531180.16		A	1.8

45 Sc (ISTD) [He]

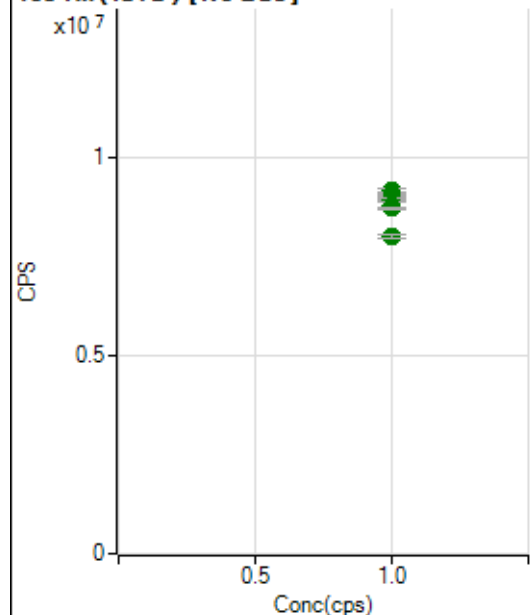
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		249470.67		P	10.3
2	☐	1.000		258110.49		P	2.8
3	☐	1.000		238312.17		P	3.5
4	☐	1.000		240289.02		P	4.2
5	☐	1.000		234907.71		P	3.1
6	☐	1.000		238264.16		P	2.3
7	☐	1.000		234041.02		P	0.7
8	☐	1.000		232146.05		P	0.9

89 Y (ISTD) [No Gas]

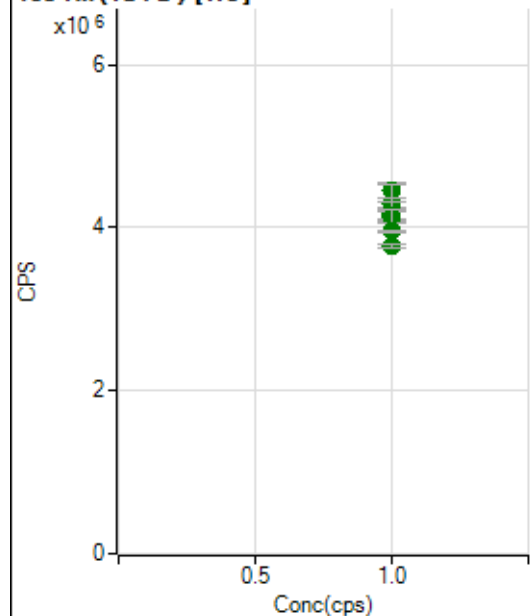
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		16499426.98		A	1.3
2	☐	1.000		16272140.31		A	1.0
3	☐	1.000		16248188.09		A	2.3
4	☐	1.000		16238484.48		A	1.0
5	☐	1.000		16252754.90		A	0.6
6	☐	1.000		16261811.56		A	1.2
7	☐	1.000		16376447.40		A	0.8
8	☐	1.000		15943271.57		A	1.4

89 Y (ISTD) [He]

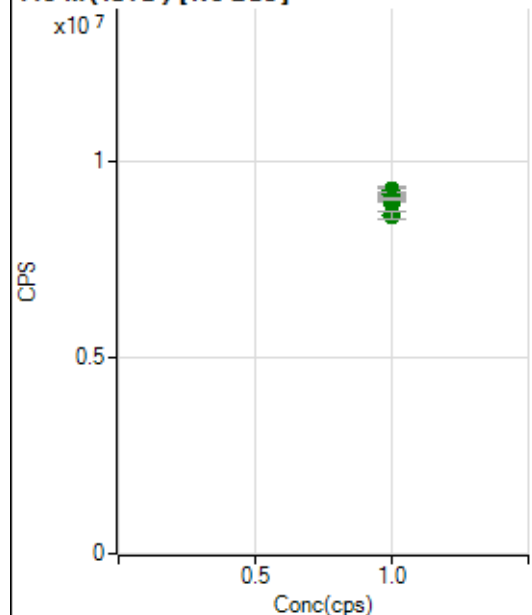
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1773483.10		A	10.1
2	☐	1.000		1819091.79		A	3.6
3	☐	1.000		1674145.82		A	3.0
4	☐	1.000		1703407.13		A	4.6
5	☐	1.000		1681384.82		A	3.0
6	☐	1.000		1705462.20		A	3.9
7	☐	1.000		1663853.71		A	0.6
8	☐	1.000		1676307.33		A	0.6

103 Rh (ISTD) [No Gas]

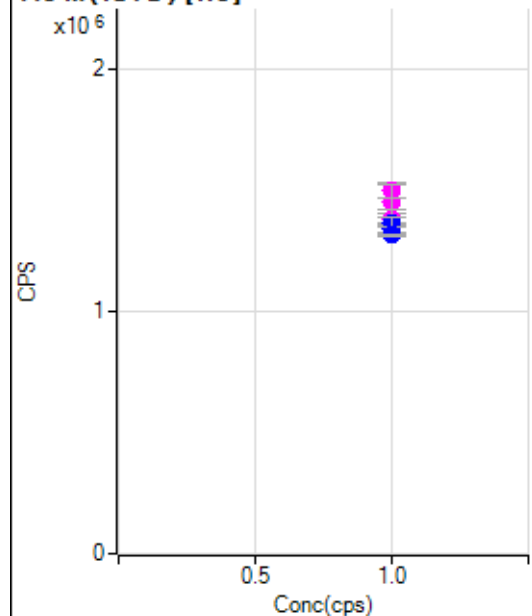
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9134721.38		A	1.9
2	☐	1.000		9179319.30		A	1.1
3	☐	1.000		9082632.58		A	0.7
4	☐	1.000		9003803.24		A	1.0
5	☐	1.000		8962576.94		A	0.9
6	☐	1.000		8810075.63		A	2.5
7	☐	1.000		8738891.43		A	0.9
8	☐	1.000		8032456.26		A	1.4

103 Rh (ISTD) [He]

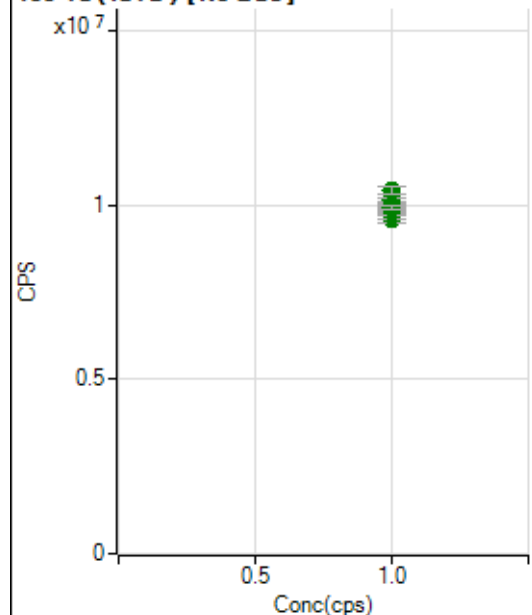
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4300252.50		A	11.5
2	☐	1.000		4450659.93		A	3.9
3	☐	1.000		4175685.08		A	3.8
4	☐	1.000		4201863.37		A	5.7
5	☐	1.000		4153870.70		A	2.4
6	☐	1.000		4137377.23		A	3.8
7	☐	1.000		3951707.44		A	0.2
8	☐	1.000		3773814.70		A	0.7

115 In (ISTD) [No Gas]

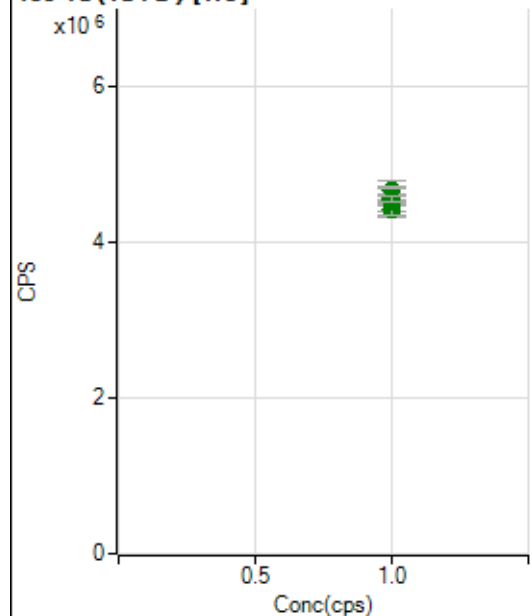
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9159046.12		A	1.6
2	☐	1.000		9261561.17		A	2.2
3	☐	1.000		9180405.40		A	4.2
4	☐	1.000		9006171.51		A	0.4
5	☐	1.000		9240399.74		A	1.8
6	☐	1.000		9173218.97		A	1.3
7	☐	1.000		9040109.74		A	0.6
8	☐	1.000		8629623.53		A	2.1

115 In (ISTD) [He]

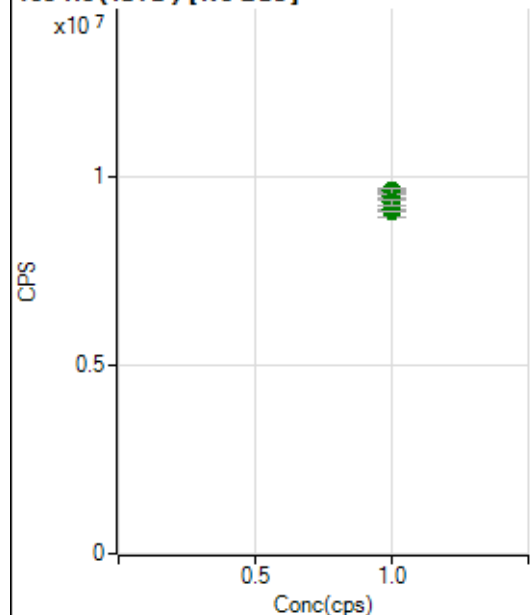
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1451704.62		M	11.5
2	☐	1.000		1499134.06		M	3.6
3	☐	1.000		1381923.16		P	3.7
4	☐	1.000		1385698.22		M	5.1
5	☐	1.000		1342691.58		P	3.8
6	☐	1.000		1368793.84		P	2.8
7	☐	1.000		1319483.27		P	0.9
8	☐	1.000		1318511.54		P	0.5

159 Tb (ISTD) [No Gas]

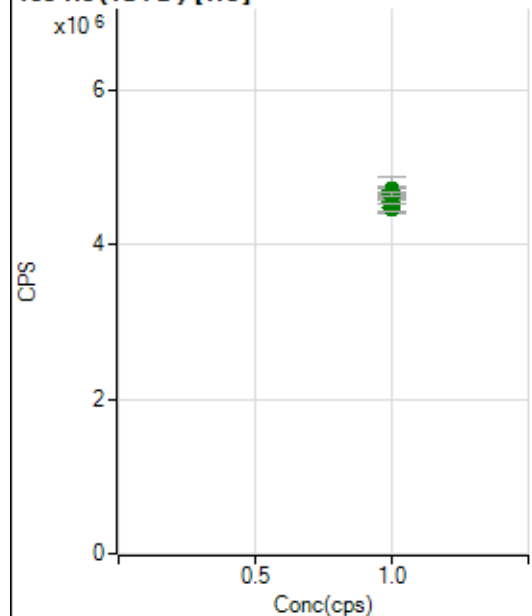
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9593604.02		A	2.2
2	☐	1.000		9695097.49		A	2.1
3	☐	1.000		9846425.06		A	1.6
4	☐	1.000		9814971.18		A	2.1
5	☐	1.000		9981173.46		A	2.8
6	☐	1.000		10127417.77		A	1.5
7	☐	1.000		10407328.80		A	2.0
8	☐	1.000		9920870.82		A	1.0

159 Tb (ISTD) [He]

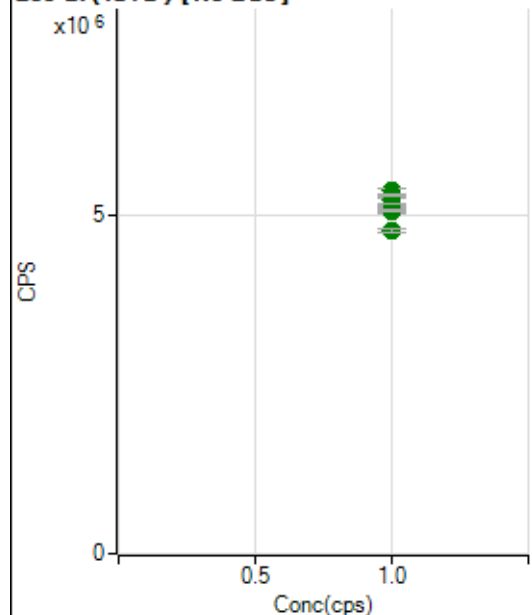
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4555248.89		A	10.7
2	☐	1.000		4657757.12		A	3.0
3	☐	1.000		4429120.87		A	2.1
4	☐	1.000		4430234.06		A	4.0
5	☐	1.000		4591356.70		A	4.2
6	☐	1.000		4578868.54		A	1.3
7	☐	1.000		4516555.83		A	0.6
8	☐	1.000		4546635.56		A	1.5

165 Ho (ISTD) [No Gas]

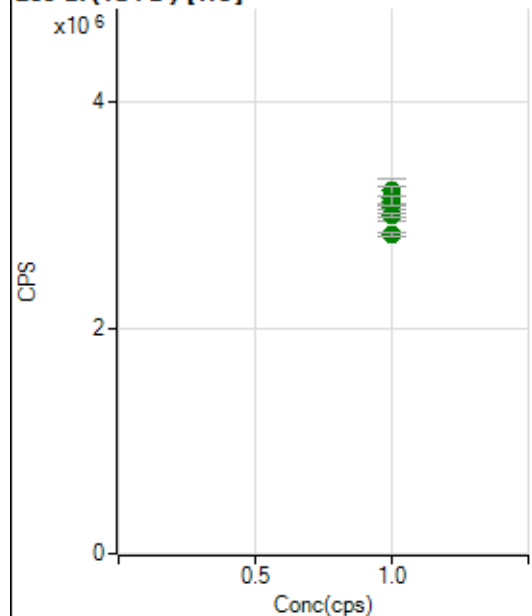
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9109311.40		A	0.9
2	☐	1.000		9079261.49		A	3.1
3	☐	1.000		9138137.36		A	1.9
4	☐	1.000		9130703.42		A	1.7
5	☐	1.000		9504427.47		A	1.1
6	☐	1.000		9598007.94		A	0.5
7	☐	1.000		9618579.82		A	1.7
8	☐	1.000		9319859.50		A	1.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4642284.65		A	9.9
2	☐	1.000		4697853.44		A	2.3
3	☐	1.000		4472524.45		A	3.1
4	☐	1.000		4550720.90		A	4.8
5	☐	1.000		4476341.91		A	2.4
6	☐	1.000		4670022.85		A	3.1
7	☐	1.000		4567154.52		A	1.1
8	☐	1.000		4649433.19		A	1.0

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5064464.58		A	1.4
2	☐	1.000		5038483.33		A	1.3
3	☐	1.000		5067624.33		A	2.2
4	☐	1.000		5060255.97		A	0.4
5	☐	1.000		5204469.16		A	1.4
6	☐	1.000		5345092.59		A	1.5
7	☐	1.000		5292778.25		A	0.5
8	☐	1.000		4757307.98		A	1.0

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3152415.89		A	11.2
2	☐	1.000		3213278.11		A	2.5
3	☐	1.000		2994429.19		A	3.6
4	☐	1.000		3104688.04		A	4.1
5	☐	1.000		3073889.88		A	1.8
6	☐	1.000		3124635.99		A	2.3
7	☐	1.000		2994711.69		A	0.9
8	☐	1.000		2822112.18		A	1.2

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8110821AMS.b
Acq. Date-Time 2021-11-08 14:43:15
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		10668	106684.26			1.751	5.000
24		106230	1062303.36			1.491	5.000
25		14063	140627.94			0.931	5.000
26		15878	158779.55			1.193	5.000
59		22884	228841.42			1.792	5.000
113		8836	88363.00			1.912	5.000
115		31040	310401.44			1.209	5.000
206		8901	89006.89			2.453	5.000
207		7395	73953.40			1.839	5.000
208		18165	181653.52			2.194	5.000
220		1	8.70			31.373	

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

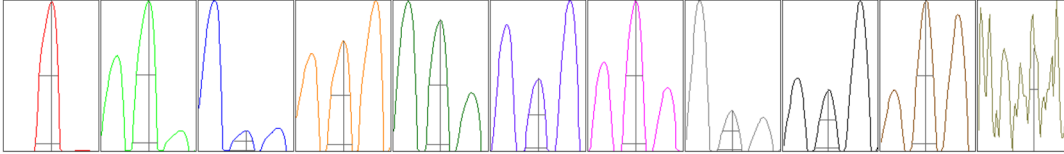
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	10624	10575	10445	10767	10931
24	106293	106012	104075	106230	108542
25	13962	13920	14045	14152	14235
26	15899	15707	15665	16022	16097
59	22788	22805	22287	23301	23240
113	8721	8737	8689	8972	9062
115	30600	31075	30763	31552	31211
206	8642	8713	8948	9158	9042
207	7226	7288	7430	7558	7475
208	17684	17954	18044	18655	18490

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	19332.59	9.05	8.90 - 9.10	
24	185810.11	24.05	23.90 - 24.10	
25	24555.04	25.05	24.90 - 25.10	
26	27739.71	26.05	25.90 - 26.10	
59	42457.82	59.00	58.90 - 59.10	
113	17630.34	113.05	112.90 - 113.10	
115	61783.17	115.05	114.90 - 115.10	
206	17536.17	206.00	205.90 - 206.10	
207	14697.29	206.95	206.90 - 207.10	
208	36086.34	207.95	207.90 - 208.10	
220	1.20	220.30	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.59	0.776	0.900	
24	0.60	0.785	0.900	
25	0.61	0.785	0.900	
26	0.61	0.785	0.900	
59	0.57	0.738	0.900	
113	0.52	0.689	0.900	
115	0.52	0.757	0.900	
206	0.52	0.761	0.900	
207	0.52	0.774	0.900	
208	0.52	0.776	0.900	
220	0.27			

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.73 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	1.40 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	9.0 V	Deflect	15.0 V
Extract 2	-215.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-105 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	190 V		

QP Parameters

Mass Gain	124	Axis Gain	0.9991	QP Bias	-4.0 V
Mass Offset	124	Axis Offset	0.00		

Hardware Settings

Torch

Torch H	1.1 mm	Torch V	-1.1 mm
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EM

Discriminator	4.2 mV	Analog HV	2262 V	Pulse HV	1579 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		5162	51617.71			1.172	
89		17298	172983.29			1.174	
205		21362	213618.10			1.787	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	5203	5184	5197	5168	5056
89	17501	17322	17423	17274	16971
205	21720	21521	21542	21291	20736

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.75 L/min	Dilution Gas	0.40 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.40 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	9.0 V	Deflect	4.6 V
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US EPA Tune Check Report

Extract 2	-215.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-105 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	124	Axis Gain	0.9991	QP Bias	-13.0 V
Mass Offset	124	Axis Offset	0.00		
Hardware Settings					
Torch					
Torch H	1.1 mm	Torch V	-1.1 mm		
EM					
Discriminator	4.2 mV	Analog HV	2262 V	Pulse HV	1579 V

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 15:14:23	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.11	-0.20	0.09	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.01	0.00	0.01	0.00	N/A	ppb
Barium	135-1	-0.01	0.00	0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.01	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.08	0.04	0.05	0.00	N/A	ppb
Boron	11-1	-0.01	0.02	0.00	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.03	0.14	-0.11	0.00	N/A	ppb
Cadmium	106-1	-0.38	1.66	-1.28	0.00	N/A	ppb
Cadmium	108-1	-0.02	-0.03	0.05	0.00	N/A	ppb
Calcium	43-1	0.49	-0.51	0.02	0.00	N/A	ppb
Calcium	44-1	-0.48	-0.55	1.03	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	-0.04	0.02	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.01	-0.01	0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	0.36	-0.07	-0.29	0.00	N/A	ppb
Iron	56-2	0.03	-0.16	0.13	0.00	N/A	ppb
Iron	57-2	-0.69	-0.51	1.20	0.00	N/A	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 15:14:23	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.01	0.02	0.00	0.00	N/A	ppb
Lead	207-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Lead	208-1	-0.01	0.01	0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.01	-0.60	0.61	0.00	N/A	ppb
Manganese	55-2	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.01	-0.02	0.01	0.00	N/A	ppb
Molybdenum	95-1	-0.01	0.00	0.00	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	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	0.02	0.00	N/A	ppb
Phosphorus	31-2	-7.26	-18.13	-0.89	-8.76		ppb
Potassium	39-2	2.90	-13.65	10.75	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	-0.90	1.40	0.00	N/A	ppb
Selenium	77-2	-0.45	0.17	0.29	0.00	N/A	ppb
Selenium	78-2	0.52	-0.32	-0.20	0.00	N/A	ppb
Silicon	28-1	0.08	-1.00	0.93	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.98	-5.06	4.08	0.00	N/A	ppb
Strontium	86-1	0.02	0.06	-0.08	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-65.93	-77.91	320.74	58.97	384.57	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.00	-0.01	0.00	N/A	ppb
Thallium	205-1	0.01	-0.01	-0.01	0.00	N/A	ppb
Tin	118-1	-0.02	0.03	-0.01	0.00	N/A	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 15:14:23	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.02	0.05	-0.03	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
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	0.01	-0.07	0.06	0.00	N/A	ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 15:20:33	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.51	20.52	19.00	20.01	4.37	ppb
Antimony	121-1	2.02	2.09	2.07	2.06	1.77	ppb
Arsenic	75-2	1.01	1.06	1.04	1.04	2.47	ppb
Barium	135-1	10.28	9.61	10.47	10.12	4.48	ppb
Barium	137-1	10.18	10.01	11.07	10.42	5.44	ppb
Beryllium	9-1	1.12	1.06	1.10	1.09	2.64	ppb
Bismuth	209-1				99		%
Bismuth	209-2				102		%
Boron	10-1	23.85	23.38	26.31	24.51	6.41	ppb
Boron	11-1	24.48	25.56	27.11	25.72	5.13	ppb
Bromine	81-1						cps
Cadmium	111-1	1.01	1.05	1.15	1.07	6.72	ppb
Cadmium	106-1	0.90	0.64	1.32	0.95	36.01	ppb
Cadmium	108-1	1.00	1.10	1.06	1.06	4.66	ppb
Calcium	43-1	464.79	479.09	486.20	476.69	2.29	ppb
Calcium	44-1	487.66	480.13	501.53	489.77	2.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.91	2.00	1.90	1.94	2.85	ppb
Cobalt	59-2	0.99	1.04	0.96	1.00	4.25	ppb
Copper	63-2	2.04	2.12	1.94	2.03	4.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	54-2	52.78	52.68	50.51	51.99	2.46	ppb
Iron	56-2	50.39	51.70	48.57	50.22	3.13	ppb
Iron	57-2	50.01	47.73	45.79	47.84	4.41	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 15:20:33	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.97	0.94	0.92	0.94	2.75	ppb
Lead	207-1	1.00	0.89	0.93	0.94	5.77	ppb
Lead	208-1	0.97	0.93	0.94	0.95	2.48	ppb
Lithium	6-1				103		%
Magnesium	24-2	515.46	506.24	474.00	498.56	4.37	ppb
Manganese	55-2	1.00	0.98	0.99	0.99	1.23	ppb
Molybdenum	94-1	6.53	6.33	6.22	6.36	2.55	ppb
Molybdenum	95-1	5.64	5.01	5.20	5.29	6.06	ppb
Molybdenum	96-1	5.39	5.25	5.39	5.34	1.47	ppb
Molybdenum	97-1	5.43	5.16	5.25	5.28	2.61	ppb
Molybdenum	98-1	5.00	5.08	5.24	5.11	2.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.11	1.06	0.99	1.05	5.73	ppb
Phosphorus	31-2	13.34	9.88	3.06	8.76	59.72	ppb
Potassium	39-2	490.10	482.82	451.80	474.91	4.28	ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	82-1	3.96	5.20	4.61	4.59	13.53	ppb
Selenium	77-2	4.28	3.04	2.14	3.15	34.01	ppb
Selenium	78-2	6.18	4.53	4.51	5.07	18.88	ppb
Silicon	28-1	5.11	6.99	9.30	7.14	29.35	ppb
Silver	107-1	0.94	1.01	1.04	1.00	5.26	ppb
Silver	109-1	0.95	0.97	1.06	0.99	6.00	ppb
Sodium	23-2	510.61	509.69	476.43	498.91	3.90	ppb
Strontium	86-1	1.14	1.05	1.08	1.09	4.42	ppb
Strontium	88-1	1.04	1.05	1.06	1.05	0.56	ppb
Sulfur	34-1	-61.39	-7.91	-107.61	-58.97		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.92	1.02	0.97	0.97	5.43	ppb
Thallium	205-1	0.94	0.95	0.99	0.96	2.63	ppb
Tin	118-1	5.34	5.20	5.63	5.39	4.03	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 15:20:33	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.41	5.34	5.43	5.39	0.90	ppb
Uranium	238-1	0.89	0.94	0.90	0.91	2.72	ppb
Vanadium	51-2	4.97	4.85	4.69	4.84	2.85	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				103		%
Zinc	66-2	2.37	2.09	2.42	2.29	7.90	ppb
Zirconium	90-1	0.95	0.99	1.03	0.99	4.17	ppb
Zirconium	91-1	0.98	0.95	0.96	0.96	1.60	ppb

LB Number : LB117242 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2021-11-08 15:23:38 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1084.56	1050.68	997.45	1044.23	4.21	ppb
Antimony	121-1	51.60	51.33	51.33	51.42	0.30	ppb
Arsenic	75-2	55.18	55.14	51.74	54.02	3.66	ppb
Barium	135-1	252.90	250.47	249.39	250.92	0.71	ppb
Barium	137-1	260.20	254.17	254.85	256.41	1.29	ppb
Beryllium	9-1	52.85	51.29	54.51	52.88	3.05	ppb
Bismuth	209-1				100		%
Bismuth	209-2				95		%
Boron	10-1	49.48	47.22	53.32	50.01	6.17	ppb
Boron	11-1	50.95	52.86	58.39	54.06	7.14	ppb
Bromine	81-1						cps
Cadmium	111-1	54.88	54.98	53.86	54.57	1.14	ppb
Cadmium	106-1	57.38	57.00	54.02	56.13	3.28	ppb
Cadmium	108-1	52.34	54.17	54.81	53.77	2.38	ppb
Calcium	43-1	5069.39	5204.36	4967.39	5080.38	2.34	ppb
Calcium	44-1	5108.26	5150.20	5095.30	5117.92	0.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	54.24	52.58	49.31	52.04	4.82	ppb
Cobalt	59-2	54.39	53.30	51.07	52.92	3.20	ppb
Copper	63-2	552.26	536.88	520.69	536.61	2.94	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				96		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	54-2	2875.30	2777.52	2678.09	2776.97	3.55	ppb
Iron	56-2	2870.69	2800.86	2605.59	2759.05	4.98	ppb
Iron	57-2	2795.30	2682.87	2543.23	2673.80	4.72	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 15:23:38	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	247.26	230.44	239.88	239.20	3.52	ppb
Lead	207-1	248.40	229.53	239.10	239.01	3.95	ppb
Lead	208-1	251.13	234.91	247.56	244.53	3.49	ppb
Lithium	6-1				104		%
Magnesium	24-2	5594.73	5445.57	5190.20	5410.17	3.78	ppb
Manganese	55-2	540.79	531.55	493.13	521.82	4.84	ppb
Molybdenum	94-1	562.77	552.46	590.48	568.57	3.46	ppb
Molybdenum	95-1	575.61	571.98	567.89	571.83	0.68	ppb
Molybdenum	96-1	564.26	572.38	569.91	568.85	0.73	ppb
Molybdenum	97-1	552.99	550.79	566.31	556.70	1.51	ppb
Molybdenum	98-1	563.06	566.21	560.52	563.27	0.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	56.68	55.80	52.90	55.13	3.58	ppb
Phosphorus	31-2	1101.87	1022.85	978.01	1034.24	6.06	ppb
Potassium	39-2	2732.36	2625.41	2497.50	2618.42	4.49	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	82-1	51.48	51.32	53.46	52.08	2.29	ppb
Selenium	77-2	80.83	51.03	54.13	62.00	26.43	ppb
Selenium	78-2	53.78	57.68	51.24	54.23	5.98	ppb
Silicon	28-1	51.48	63.40	58.22	57.70	10.36	ppb
Silver	107-1	54.01	53.44	53.04	53.50	0.91	ppb
Silver	109-1	55.30	53.93	53.68	54.31	1.61	ppb
Sodium	23-2	5617.62	5326.30	5104.98	5349.63	4.81	ppb
Strontium	86-1	513.30	514.45	514.70	514.15	0.15	ppb
Strontium	88-1	513.06	505.13	514.33	510.84	0.98	ppb
Sulfur	34-1	1085.15	1723.83	1185.60	1331.53	25.79	ppb
Terbium	159-1				103		%
Terbium	159-2				97		%
Thallium	203-1	49.17	46.34	50.39	48.63	4.27	ppb
Thallium	205-1	50.24	47.10	49.21	48.85	3.28	ppb
Tin	118-1	55.23	52.40	51.32	52.99	3.81	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 15:23:38	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	587.80	585.07	575.68	582.85	1.09	ppb
Uranium	238-1	46.90	43.83	47.06	45.93	3.97	ppb
Vanadium	51-2	54.33	52.16	49.75	52.08	4.40	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				94		%
Zinc	66-2	555.24	529.27	507.30	530.60	4.52	ppb
Zirconium	90-1	49.66	51.07	51.36	50.70	1.79	ppb
Zirconium	91-1	49.41	51.04	51.75	50.73	2.37	ppb

LB Number : LB117242 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2021-11-08 15:26:41 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2477.42	2338.35	2558.03	2457.93	4.52	ppb
Antimony	121-1	126.50	130.10	133.35	129.98	2.63	ppb
Arsenic	75-2	126.83	121.17	130.45	126.15	3.71	ppb
Barium	135-1	620.16	649.21	649.58	639.65	2.64	ppb
Barium	137-1	645.51	634.73	670.07	650.10	2.79	ppb
Beryllium	9-1	135.57	136.73	129.00	133.77	3.11	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	121.56	127.03	129.06	125.88	3.08	ppb
Boron	11-1	132.94	137.54	138.06	136.18	2.07	ppb
Bromine	81-1						cps
Cadmium	111-1	130.66	133.17	137.46	133.76	2.57	ppb
Cadmium	106-1	139.52	134.28	136.10	136.63	1.95	ppb
Cadmium	108-1	133.86	135.24	137.13	135.41	1.21	ppb
Calcium	43-1	12695.89	12795.08	12767.77	12752.91	0.40	ppb
Calcium	44-1	12556.50	12610.14	12512.99	12559.88	0.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	123.74	116.92	126.29	122.32	3.96	ppb
Cobalt	59-2	125.10	116.96	128.09	123.38	4.67	ppb
Copper	63-2	1282.80	1182.02	1303.00	1255.94	5.16	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				100		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	54-2	6684.56	6134.65	6634.54	6484.58	4.69	ppb
Iron	56-2	6627.80	6065.26	6690.06	6461.04	5.33	ppb
Iron	57-2	6417.88	5893.79	6469.23	6260.30	5.09	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 15:26:41	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	670.77	652.98	629.27	651.01	3.20	ppb
Lead	207-1	647.74	647.22	626.68	640.55	1.88	ppb
Lead	208-1	638.83	632.10	628.00	632.98	0.86	ppb
Lithium	6-1				102		%
Magnesium	24-2	12872.58	12480.80	13171.91	12841.76	2.70	ppb
Manganese	55-2	1294.62	1190.49	1299.64	1261.58	4.88	ppb
Molybdenum	94-1	1419.09	1390.98	1374.44	1394.84	1.62	ppb
Molybdenum	95-1	1398.33	1357.15	1390.31	1381.93	1.58	ppb
Molybdenum	96-1	1391.13	1375.41	1361.33	1375.96	1.08	ppb
Molybdenum	97-1	1409.72	1385.49	1354.49	1383.24	2.00	ppb
Molybdenum	98-1	1401.60	1380.42	1407.24	1396.42	1.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	130.62	119.77	134.43	128.27	5.93	ppb
Phosphorus	31-2	2547.56	2337.75	2581.43	2488.91	5.30	ppb
Potassium	39-2	6243.10	5873.56	6289.21	6135.29	3.71	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	82-1	130.91	131.11	129.93	130.65	0.48	ppb
Selenium	77-2	98.51	132.98	123.31	118.27	15.04	ppb
Selenium	78-2	127.50	127.32	134.90	129.91	3.33	ppb
Silicon	28-1	136.98	145.62	150.28	144.29	4.68	ppb
Silver	107-1	132.66	132.16	134.86	133.23	1.08	ppb
Silver	109-1	131.16	134.82	138.85	134.94	2.85	ppb
Sodium	23-2	12837.57	11961.98	13222.21	12673.92	5.10	ppb
Strontium	86-1	1274.88	1235.05	1264.70	1258.21	1.64	ppb
Strontium	88-1	1243.72	1245.99	1277.33	1255.68	1.50	ppb
Sulfur	34-1	3559.56	3807.92	3839.62	3735.70	4.11	ppb
Terbium	159-1				102		%
Terbium	159-2				97		%
Thallium	203-1	123.21	125.15	123.74	124.03	0.81	ppb
Thallium	205-1	128.49	127.13	122.24	125.95	2.61	ppb
Tin	118-1	129.29	128.47	134.09	130.62	2.32	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 15:26:41	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1416.71	1451.58	1458.94	1442.41	1.56	ppb
Uranium	238-1	121.70	124.40	121.93	122.68	1.22	ppb
Vanadium	51-2	125.08	118.46	127.94	123.83	3.93	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	1285.29	1213.10	1286.82	1261.74	3.34	ppb
Zirconium	90-1	125.02	124.98	126.75	125.58	0.81	ppb
Zirconium	91-1	123.96	124.01	123.39	123.79	0.28	ppb

LB Number : LB117242 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2021-11-08 15:29:47 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5326.97	4981.21	4949.81	5086.00	4.11	ppb
Antimony	121-1	258.52	272.82	261.05	264.13	2.89	ppb
Arsenic	75-2	266.77	248.29	254.60	256.55	3.66	ppb
Barium	135-1	1296.26	1344.41	1276.03	1305.57	2.69	ppb
Barium	137-1	1275.70	1364.96	1276.35	1305.67	3.93	ppb
Beryllium	9-1	254.04	259.15	258.65	257.28	1.09	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	233.26	243.65	260.34	245.75	5.56	ppb
Boron	11-1	255.33	264.71	273.79	264.61	3.49	ppb
Bromine	81-1						cps
Cadmium	111-1	260.33	275.74	258.86	264.98	3.53	ppb
Cadmium	106-1	250.48	281.53	262.34	264.79	5.92	ppb
Cadmium	108-1	263.81	278.93	259.87	267.54	3.76	ppb
Calcium	43-1	25546.11	26123.35	26106.53	25925.33	1.27	ppb
Calcium	44-1	25032.49	25329.30	25549.18	25303.66	1.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	265.26	246.37	247.00	252.88	4.24	ppb
Cobalt	59-2	269.86	250.39	253.54	257.93	4.05	ppb
Copper	63-2	2691.81	2530.76	2512.96	2578.51	3.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				96		%
Indium	115-1				101		%
Indium	115-2				92		%
Iron	54-2	14206.36	13157.65	13462.74	13608.92	3.96	ppb
Iron	56-2	13964.01	13008.95	13018.31	13330.43	4.12	ppb
Iron	57-2	13664.63	12739.51	12636.22	13013.45	4.35	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 15:29:47	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1277.40	1300.98	1266.63	1281.67	1.37	ppb
Lead	207-1	1269.02	1260.97	1268.76	1266.25	0.36	ppb
Lead	208-1	1265.02	1272.33	1264.78	1267.38	0.34	ppb
Lithium	6-1				105		%
Magnesium	24-2	27391.60	26420.86	25514.99	26442.49	3.55	ppb
Manganese	55-2	2637.12	2497.99	2519.17	2551.43	2.94	ppb
Molybdenum	94-1	2726.58	2751.08	2735.17	2737.61	0.45	ppb
Molybdenum	95-1	2742.88	2810.09	2784.22	2779.06	1.22	ppb
Molybdenum	96-1	2804.78	2711.65	2709.68	2742.04	1.98	ppb
Molybdenum	97-1	2739.99	2744.44	2754.54	2746.32	0.27	ppb
Molybdenum	98-1	2740.39	2811.71	2791.54	2781.21	1.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	276.47	257.90	261.01	265.13	3.75	ppb
Phosphorus	31-2	5484.46	4924.03	4928.95	5112.48	6.30	ppb
Potassium	39-2	13252.01	12001.36	12513.57	12588.98	4.99	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				94		%
Selenium	82-1	255.61	260.43	256.88	257.64	0.97	ppb
Selenium	77-2	269.27	247.10	258.33	258.23	4.29	ppb
Selenium	78-2	269.70	248.59	249.68	255.99	4.64	ppb
Silicon	28-1	264.09	296.75	299.23	286.69	6.84	ppb
Silver	107-1	263.92	274.40	263.70	267.34	2.29	ppb
Silver	109-1	268.43	290.43	266.15	275.00	4.88	ppb
Sodium	23-2	27334.97	25723.88	25837.03	26298.63	3.42	ppb
Strontium	86-1	2495.16	2523.73	2503.64	2507.51	0.59	ppb
Strontium	88-1	2562.39	2493.14	2552.83	2536.12	1.48	ppb
Sulfur	34-1	6173.51	6240.00	6500.55	6304.69	2.74	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	234.66	252.93	241.83	243.14	3.79	ppb
Thallium	205-1	249.87	260.47	256.86	255.73	2.11	ppb
Tin	118-1	257.05	266.88	264.89	262.94	1.98	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 15:29:47	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2797.95	2833.84	2824.02	2818.60	0.66	ppb
Uranium	238-1	250.36	255.10	244.22	249.89	2.18	ppb
Vanadium	51-2	270.37	247.56	251.54	256.49	4.75	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				95		%
Zinc	66-2	2743.81	2494.10	2491.24	2576.38	5.63	ppb
Zirconium	90-1	251.95	257.87	251.20	253.67	1.44	ppb
Zirconium	91-1	252.02	250.89	253.62	252.18	0.54	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 15:32:50	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9424.66	9906.24	9712.13	9681.01	2.50	ppb
Antimony	121-1	510.30	524.56	501.96	512.27	2.23	ppb
Arsenic	75-2	478.09	495.86	512.25	495.40	3.45	ppb
Barium	135-1	2543.95	2573.51	2433.73	2517.06	2.93	ppb
Barium	137-1	2536.37	2618.31	2467.42	2540.70	2.97	ppb
Beryllium	9-1	498.58	532.81	536.36	522.58	3.99	ppb
Bismuth	209-1				106		%
Bismuth	209-2				99		%
Boron	10-1	470.01	533.11	552.02	518.38	8.28	ppb
Boron	11-1	502.73	559.61	585.58	549.31	7.71	ppb
Bromine	81-1						cps
Cadmium	111-1	510.46	517.59	518.14	515.39	0.83	ppb
Cadmium	106-1	508.32	513.88	496.59	506.26	1.74	ppb
Cadmium	108-1	511.78	541.36	517.23	523.46	3.01	ppb
Calcium	43-1	50169.01	52902.85	52576.59	51882.82	2.88	ppb
Calcium	44-1	49665.55	51243.99	50644.82	50518.12	1.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	493.34	503.87	498.86	498.69	1.06	ppb
Cobalt	59-2	493.71	499.39	506.44	499.85	1.28	ppb
Copper	63-2	4743.90	4923.39	4942.11	4869.80	2.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				94		%
Iron	54-2	25779.57	26481.59	26881.63	26380.93	2.11	ppb
Iron	56-2	25065.27	25888.46	26202.38	25718.70	2.28	ppb
Iron	57-2	24369.07	24853.57	25008.16	24743.60	1.35	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 15:32:50	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2478.66	2552.51	2587.86	2539.68	2.19	ppb
Lead	207-1	2421.28	2533.00	2582.90	2512.39	3.29	ppb
Lead	208-1	2425.88	2501.21	2570.10	2499.06	2.89	ppb
Lithium	6-1				102		%
Magnesium	24-2	50185.46	51689.12	51166.52	51013.70	1.50	ppb
Manganese	55-2	4927.74	4942.16	4946.25	4938.71	0.20	ppb
Molybdenum	94-1	5497.77	5686.80	5314.97	5499.84	3.38	ppb
Molybdenum	95-1	5455.89	5597.42	5466.21	5506.51	1.43	ppb
Molybdenum	96-1	5419.75	5598.06	5423.05	5480.29	1.86	ppb
Molybdenum	97-1	5402.72	5527.88	5514.20	5481.60	1.25	ppb
Molybdenum	98-1	5466.18	5491.56	5614.13	5523.96	1.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	484.33	500.65	506.68	497.22	2.33	ppb
Phosphorus	31-2	9516.04	10070.91	9931.20	9839.38	2.93	ppb
Potassium	39-2	23214.73	24361.50	24634.29	24070.18	3.13	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				102		%
Scandium	45-2				96		%
Selenium	82-1	502.45	515.36	507.76	508.53	1.28	ppb
Selenium	77-2	484.45	518.33	509.25	504.01	3.48	ppb
Selenium	78-2	477.66	497.85	514.29	496.60	3.69	ppb
Silicon	28-1	555.63	593.17	596.41	581.74	3.90	ppb
Silver	107-1	510.35	526.88	506.20	514.48	2.13	ppb
Silver	109-1	522.12	522.71	529.20	524.68	0.75	ppb
Sodium	23-2	49111.89	50086.56	50252.92	49817.12	1.24	ppb
Strontium	86-1	4910.74	5118.80	5076.49	5035.34	2.18	ppb
Strontium	88-1	4978.41	5121.03	5072.46	5057.30	1.43	ppb
Sulfur	34-1	9156.96	9862.40	9342.09	9453.81	3.87	ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	489.37	502.58	524.04	505.33	3.46	ppb
Thallium	205-1	492.90	499.65	518.47	503.67	2.63	ppb
Tin	118-1	503.49	528.43	513.88	515.26	2.43	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 15:32:50	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5422.73	5541.63	5474.39	5479.58	1.09	ppb
Uranium	238-1	484.85	480.89	501.89	489.21	2.28	ppb
Vanadium	51-2	481.73	500.62	499.97	494.10	2.17	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				96		%
Zinc	66-2	4884.18	4982.42	5048.39	4971.66	1.66	ppb
Zirconium	90-1	494.79	510.92	488.50	498.07	2.32	ppb
Zirconium	91-1	496.42	507.39	497.52	500.45	1.21	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 15:35:55	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19803.45	19899.86	19258.07	19653.79	1.76	ppb
Antimony	121-1	975.53	993.30	1000.08	989.64	1.28	ppb
Arsenic	75-2	1008.33	992.72	999.90	1000.32	0.78	ppb
Barium	135-1	4848.75	4988.60	5089.75	4975.70	2.43	ppb
Barium	137-1	4812.02	5018.15	5056.64	4962.27	2.65	ppb
Beryllium	9-1	967.74	1008.57	980.64	985.65	2.12	ppb
Bismuth	209-1				105		%
Bismuth	209-2				95		%
Boron	10-1	961.40	1014.66	999.27	991.77	2.76	ppb
Boron	11-1	927.66	1001.78	980.78	970.08	3.94	ppb
Bromine	81-1						cps
Cadmium	111-1	953.99	991.14	1016.57	987.23	3.19	ppb
Cadmium	106-1	971.74	985.00	1017.49	991.41	2.37	ppb
Cadmium	108-1	973.76	973.23	1000.20	982.40	1.57	ppb
Calcium	43-1	100830.25	104295.14	104387.21	103170.87	1.97	ppb
Calcium	44-1	100342.21	100918.13	101164.29	100808.21	0.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1011.22	1004.33	984.96	1000.17	1.36	ppb
Cobalt	59-2	1008.44	992.99	993.02	998.15	0.89	ppb
Copper	63-2	10220.04	10103.33	9805.33	10042.90	2.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				91		%
Iron	54-2	53692.67	53266.58	52021.84	52993.70	1.64	ppb
Iron	56-2	52301.17	51154.91	51437.18	51631.09	1.16	ppb
Iron	57-2	51495.43	52523.80	51214.47	51744.57	1.33	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 15:35:55	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4872.15	5028.66	5007.79	4969.53	1.71	ppb
Lead	207-1	4920.65	5036.00	5008.39	4988.35	1.21	ppb
Lead	208-1	4976.15	5027.80	4982.25	4995.40	0.57	ppb
Lithium	6-1				104		%
Magnesium	24-2	103518.20	101349.10	97528.50	100798.60	3.01	ppb
Manganese	55-2	10185.50	10028.74	9831.50	10015.25	1.77	ppb
Molybdenum	94-1	10882.30	10969.43	11147.58	10999.77	1.23	ppb
Molybdenum	95-1	10878.47	10849.36	11234.74	10987.52	1.95	ppb
Molybdenum	96-1	11062.40	10811.08	11158.88	11010.79	1.63	ppb
Molybdenum	97-1	11084.99	10766.42	11174.86	11008.76	1.95	ppb
Molybdenum	98-1	10991.93	10723.20	11215.50	10976.88	2.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	990.14	1000.09	1000.60	996.94	0.59	ppb
Phosphorus	31-2	20287.15	20334.94	19533.49	20051.86	2.24	ppb
Potassium	39-2	48136.16	47935.19	48165.69	48079.02	0.26	ppb
Rhodium	103-1				96		%
Rhodium	103-2				92		%
Scandium	45-1				102		%
Scandium	45-2				94		%
Selenium	82-1	995.31	984.53	999.21	993.02	0.77	ppb
Selenium	77-2	982.03	964.14	1042.40	996.19	4.12	ppb
Selenium	78-2	1010.39	994.02	993.72	999.38	0.95	ppb
Silicon	28-1	885.98	982.06	973.54	947.19	5.61	ppb
Silver	107-1	992.32	984.29	985.05	987.22	0.45	ppb
Silver	109-1	969.32	960.86	1009.67	979.95	2.66	ppb
Sodium	23-2	100070.30	101414.41	98681.80	100055.50	1.37	ppb
Strontium	86-1	10118.54	9916.69	9900.92	9978.72	1.22	ppb
Strontium	88-1	9963.72	9897.10	10022.39	9961.07	0.63	ppb
Sulfur	34-1	19317.08	20924.01	19086.56	19775.88	5.06	ppb
Terbium	159-1				108		%
Terbium	159-2				99		%
Thallium	203-1	1016.39	986.35	994.98	999.24	1.55	ppb
Thallium	205-1	995.48	993.79	1000.74	996.67	0.36	ppb
Tin	118-1	974.49	996.47	993.88	988.28	1.22	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 15:35:55	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	11109.00	10950.49	10889.48	10982.99	1.03	ppb
Uranium	238-1	993.42	997.73	1026.60	1005.92	1.79	ppb
Vanadium	51-2	1004.30	1003.25	996.55	1001.37	0.42	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				94		%
Zinc	66-2	10193.76	9867.32	9915.14	9992.08	1.76	ppb
Zirconium	90-1	1007.33	992.97	999.52	999.94	0.72	ppb
Zirconium	91-1	988.42	996.44	1013.18	999.35	1.26	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 15:38:58	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100516.24	100040.64	99735.47	100097.45	0.39	ppb
Antimony	121-1	1.13	0.99	1.16	1.09	8.63	ppb
Arsenic	75-2	0.43	0.35	0.40	0.40	10.17	ppb
Barium	135-1	3.10	2.52	2.37	2.67	14.33	ppb
Barium	137-1	3.35	2.77	2.51	2.88	14.84	ppb
Beryllium	9-1	0.52	0.38	0.30	0.40	27.27	ppb
Bismuth	209-1				94		%
Bismuth	209-2				90		%
Boron	10-1	103.28	88.74	84.16	92.06	10.84	ppb
Boron	11-1	109.31	94.32	87.46	97.03	11.52	ppb
Bromine	81-1						cps
Cadmium	111-1	0.61	0.55	0.29	0.48	34.66	ppb
Cadmium	106-1	0.22	0.17	-1.98	-0.53		ppb
Cadmium	108-1	0.80	0.95	1.17	0.98	19.07	ppb
Calcium	43-1	497688.96	481368.80	518314.76	499124.17	3.71	ppb
Calcium	44-1	493317.19	486290.63	519698.27	499768.70	3.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.28	3.12	3.15	3.19	2.70	ppb
Cobalt	59-2	1.48	1.49	1.44	1.47	1.97	ppb
Copper	63-2	3.43	3.14	2.88	3.15	8.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				94		%
Indium	115-2				91		%
Iron	54-2	252439.66	247024.59	248133.01	249199.09	1.15	ppb
Iron	56-2	250780.16	247365.16	250512.26	249552.52	0.76	ppb
Iron	57-2	253830.26	246605.35	248511.57	249649.06	1.50	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 15:38:58	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	3.50	3.24	2.96	3.24	8.35	ppb
Lead	207-1	3.50	3.14	2.85	3.16	10.37	ppb
Lead	208-1	3.46	3.12	2.89	3.16	9.07	ppb
Lithium	6-1				99		%
Magnesium	24-2	503141.45	501477.65	494343.33	499654.14	0.94	ppb
Manganese	55-2	17.80	16.75	17.18	17.25	3.06	ppb
Molybdenum	94-1	5.89	5.16	4.76	5.27	10.92	ppb
Molybdenum	95-1	5.16	4.39	3.96	4.51	13.53	ppb
Molybdenum	96-1	7.28	6.33	6.31	6.64	8.28	ppb
Molybdenum	97-1	5.19	4.50	3.99	4.56	13.21	ppb
Molybdenum	98-1	5.29	4.42	3.90	4.54	15.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.24	2.37	2.21	2.27	3.72	ppb
Phosphorus	31-2	-5.55	-24.37	-10.64	-13.52		ppb
Potassium	39-2	248974.77	245211.32	257237.30	250474.46	2.46	ppb
Rhodium	103-1				88		%
Rhodium	103-2				88		%
Scandium	45-1				97		%
Scandium	45-2				93		%
Selenium	82-1	1.09	1.05	0.70	0.95	22.81	ppb
Selenium	77-2	1.73	0.28	0.28	0.76	109.91	ppb
Selenium	78-2	0.20	0.71	-0.02	0.30	125.83	ppb
Silicon	28-1	238.36	263.60	272.05	258.00	6.79	ppb
Silver	107-1	0.52	0.46	0.45	0.48	8.71	ppb
Silver	109-1	0.53	0.46	0.43	0.47	10.79	ppb
Sodium	23-2	502403.05	498207.70	499192.48	499934.41	0.44	ppb
Strontium	86-1	9.39	8.28	8.32	8.66	7.27	ppb
Strontium	88-1	9.50	8.59	8.35	8.82	6.86	ppb
Sulfur	34-1	-1842.32	-1772.70	-1580.36	-1731.79		ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	0.42	0.33	0.34	0.37	13.43	ppb
Thallium	205-1	0.47	0.35	0.30	0.37	23.18	ppb
Tin	118-1	0.64	0.53	0.50	0.55	13.45	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 15:38:58	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.80	3.75	3.53	4.03	16.75	ppb
Uranium	238-1	0.45	0.35	0.30	0.37	20.87	ppb
Vanadium	51-2	0.43	0.38	0.35	0.39	9.94	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				95		%
Zinc	66-2	23.46	23.55	23.08	23.36	1.07	ppb
Zirconium	90-1	0.72	0.63	0.63	0.66	7.39	ppb
Zirconium	91-1	0.77	0.64	0.55	0.65	17.43	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	ICV67	Instrumnet Name :	P8
Client Sample ID :	ICV67	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 15:46:46	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	499.22	499.30	490.45	496.32	1.03	ppb
Antimony	121-1	209.88	222.11	210.42	214.14	3.23	ppb
Arsenic	75-2	209.15	206.02	208.72	207.96	0.82	ppb
Barium	135-1	104.05	109.19	104.96	106.06	2.59	ppb
Barium	137-1	104.78	112.99	107.83	108.53	3.82	ppb
Beryllium	9-1	103.66	109.60	107.24	106.84	2.80	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	22.75	23.44	24.37	23.52	3.45	ppb
Boron	11-1	25.25	25.40	25.61	25.42	0.71	ppb
Bromine	81-1						cps
Cadmium	111-1	106.59	115.79	107.41	109.93	4.63	ppb
Cadmium	106-1	86.46	88.50	90.33	88.43	2.19	ppb
Cadmium	108-1	95.13	101.04	93.96	96.71	3.92	ppb
Calcium	43-1	1970.01	2122.38	1959.62	2017.34	4.52	ppb
Calcium	44-1	2010.71	2157.15	1995.66	2054.51	4.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	101.38	102.61	101.17	101.72	0.77	ppb
Cobalt	59-2	103.83	102.94	103.12	103.30	0.45	ppb
Copper	63-2	100.20	100.72	101.29	100.74	0.54	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				99		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	54-2	2149.18	2172.77	2108.87	2143.60	1.51	ppb
Iron	56-2	2124.99	2119.91	2057.09	2100.67	1.80	ppb
Iron	57-2	1987.29	2032.71	1991.91	2003.97	1.25	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	ICV67	Instrumnet Name :	P8
Client Sample ID :	ICV67	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 15:46:46	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	198.94	217.05	198.56	204.85	5.16	ppb
Lead	207-1	189.05	199.28	190.54	192.96	2.86	ppb
Lead	208-1	201.39	212.35	202.45	205.40	2.94	ppb
Lithium	6-1				102		%
Magnesium	24-2	1194.93	1208.39	1205.64	1202.99	0.59	ppb
Manganese	55-2	99.92	100.18	99.36	99.82	0.42	ppb
Molybdenum	94-1	0.15	0.17	0.26	0.19	32.18	ppb
Molybdenum	95-1	0.17	0.14	0.12	0.14	19.01	ppb
Molybdenum	96-1	0.18	0.18	0.12	0.16	20.39	ppb
Molybdenum	97-1	0.14	0.15	0.13	0.14	5.26	ppb
Molybdenum	98-1	0.16	0.13	0.10	0.13	21.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	112.19	113.19	112.76	112.71	0.45	ppb
Phosphorus	31-2	-14.38	-16.16	-18.25	-16.26		ppb
Potassium	39-2	1938.03	1944.40	1930.75	1937.73	0.35	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	215.64	227.50	214.44	219.19	3.29	ppb
Selenium	77-2	242.65	225.62	221.02	229.76	4.96	ppb
Selenium	78-2	217.25	212.15	222.73	217.38	2.43	ppb
Silicon	28-1	1.95	10.72	1.13	4.60	115.58	ppb
Silver	107-1	49.33	52.27	51.15	50.92	2.92	ppb
Silver	109-1	49.30	54.43	51.95	51.89	4.94	ppb
Sodium	23-2	2060.71	2067.88	2072.14	2066.91	0.28	ppb
Strontium	86-1	0.44	0.67	0.68	0.60	22.71	ppb
Strontium	88-1	0.40	0.40	0.39	0.40	1.40	ppb
Sulfur	34-1	-1228.38	-594.00	-1634.39	-1152.25		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	210.68	218.33	207.21	212.07	2.68	ppb
Thallium	205-1	214.45	236.00	212.07	220.84	5.97	ppb
Tin	118-1	0.11	0.13	0.10	0.11	15.16	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	ICV67	Instrumnet Name :	P8
Client Sample ID :	ICV67	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 15:46:46	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.07	0.16	0.13	0.12	38.23	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	18.60	ppb
Vanadium	51-2	99.05	101.46	99.86	100.12	1.22	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	206.51	210.62	205.89	207.68	1.24	ppb
Zirconium	90-1	0.03	0.02	0.03	0.03	18.43	ppb
Zirconium	91-1	0.06	0.09	0.07	0.07	17.83	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 16:06:06	DataFile Name :	016LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.34	17.09	17.13	17.19	0.78	ppb
Antimony	121-1	1.75	1.71	1.75	1.74	1.44	ppb
Arsenic	75-2	0.87	0.93	0.91	0.90	3.30	ppb
Barium	135-1	8.31	8.66	8.32	8.43	2.35	ppb
Barium	137-1	8.50	8.37	8.77	8.54	2.39	ppb
Beryllium	9-1	0.91	0.90	1.01	0.94	6.19	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	27.64	28.28	30.14	28.68	4.51	ppb
Boron	11-1	28.56	30.81	32.30	30.56	6.16	ppb
Bromine	81-1						cps
Cadmium	111-1	0.71	0.89	1.06	0.88	20.09	ppb
Cadmium	106-1	-1.41	0.94	1.99	0.51	343.83	ppb
Cadmium	108-1	0.74	0.67	0.99	0.80	21.45	ppb
Calcium	43-1	412.26	416.19	393.00	407.15	3.05	ppb
Calcium	44-1	416.98	422.94	407.21	415.71	1.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.59	1.61	1.61	1.60	0.81	ppb
Cobalt	59-2	0.89	0.86	0.84	0.86	2.45	ppb
Copper	63-2	1.76	1.69	1.73	1.72	2.15	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				98		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	54-2	43.20	48.50	41.61	44.44	8.12	ppb
Iron	56-2	43.84	42.74	43.64	43.40	1.36	ppb
Iron	57-2	48.16	47.47	42.10	45.91	7.22	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 16:06:06	DataFile Name :	016LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.89	0.86	0.83	0.86	3.36	ppb
Lead	207-1	0.90	0.94	0.86	0.90	4.09	ppb
Lead	208-1	0.88	0.88	0.86	0.87	1.44	ppb
Lithium	6-1				99		%
Magnesium	24-2	431.39	431.85	427.93	430.39	0.50	ppb
Manganese	55-2	0.87	0.96	0.85	0.90	6.33	ppb
Molybdenum	94-1	5.00	5.15	5.35	5.17	3.38	ppb
Molybdenum	95-1	4.38	4.45	4.19	4.34	3.17	ppb
Molybdenum	96-1	4.26	4.30	4.42	4.32	1.94	ppb
Molybdenum	97-1	4.18	4.61	4.36	4.39	4.86	ppb
Molybdenum	98-1	4.11	4.25	4.27	4.21	2.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.96	0.86	0.80	0.87	9.17	ppb
Phosphorus	31-2	18.68	-7.71	9.74	6.90	194.49	ppb
Potassium	39-2	406.43	400.74	399.64	402.27	0.91	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	3.92	3.96	4.47	4.12	7.39	ppb
Selenium	77-2	8.93	5.99	5.28	6.73	28.76	ppb
Selenium	78-2	4.95	3.99	5.14	4.70	13.13	ppb
Silicon	28-1	5.81	3.14	4.16	4.37	30.75	ppb
Silver	107-1	0.81	0.91	0.91	0.88	6.41	ppb
Silver	109-1	0.79	0.90	0.86	0.85	6.63	ppb
Sodium	23-2	430.84	436.56	429.37	432.26	0.88	ppb
Strontium	86-1	0.96	1.08	0.98	1.00	6.55	ppb
Strontium	88-1	0.84	0.86	0.88	0.86	2.32	ppb
Sulfur	34-1	-855.17	-741.39	-927.20	-841.25		ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	0.71	0.79	0.79	0.76	6.19	ppb
Thallium	205-1	0.81	0.80	0.78	0.80	1.87	ppb
Tin	118-1	4.27	4.52	4.64	4.48	4.14	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 16:06:06	DataFile Name :	016LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.33	4.51	4.78	4.54	5.01	ppb
Uranium	238-1	0.82	0.80	0.74	0.79	5.08	ppb
Vanadium	51-2	4.22	4.15	4.03	4.13	2.36	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	2.22	1.87	2.17	2.08	9.09	ppb
Zirconium	90-1	0.78	0.87	0.82	0.82	5.74	ppb
Zirconium	91-1	0.80	0.81	0.77	0.79	2.23	ppb

LB Number : LB117242 Operator : Jaswal
 Lab Sample ID : ICB67 Instrumnet Name : P8
 Client Sample ID : ICB67 Dilution Factor : 1
 Date & Time Acquired :: 2021-11-08 16:09:10 DataFile Name : 017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.30	0.00	-0.13	0.06	390.13	ppb
Antimony	121-1	0.01	0.02	0.01	0.01	63.61	ppb
Arsenic	75-2	0.01	-0.01	-0.02	-0.01		ppb
Barium	135-1	0.00	0.00	-0.01	0.00	1151.18	ppb
Barium	137-1	-0.01	0.00	-0.01	-0.01		ppb
Beryllium	9-1	0.02	0.00	0.00	0.01	101.02	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	10-1	11.72	11.01	11.77	11.50	3.68	ppb
Boron	11-1	12.09	11.85	11.70	11.88	1.67	ppb
Bromine	81-1						cps
Cadmium	111-1	0.08	0.06	-0.03	0.03	178.23	ppb
Cadmium	106-1	0.69	0.68	-0.66	0.24	329.07	ppb
Cadmium	108-1	-0.04	0.18	-0.15	0.00		ppb
Calcium	43-1	0.25	1.05	-0.87	0.14	666.66	ppb
Calcium	44-1	-5.11	-4.09	-2.33	-3.84		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.02	-0.01	0.01	251.29	ppb
Cobalt	59-2	0.01	0.00	0.01	0.00	91.50	ppb
Copper	63-2	0.00	0.01	0.01	0.00	132.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				97		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	54-2	-0.64	-0.47	0.36	-0.25		ppb
Iron	56-2	0.31	0.16	0.21	0.23	33.62	ppb
Iron	57-2	1.67	0.62	-0.44	0.62	170.86	ppb

LB Number : LB117242 Operator : Jaswal
 Lab Sample ID : ICB67 Instrumnet Name : P8
 Client Sample ID : ICB67 Dilution Factor : 1
 Date & Time Acquired :: 2021-11-08 16:09:10 DataFile Name : 017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	0.08	0.07	0.06	44.80	ppb
Lead	207-1	0.04	0.06	0.08	0.06	32.57	ppb
Lead	208-1	0.04	0.07	0.07	0.06	30.55	ppb
Lithium	6-1				98		%
Magnesium	24-2	1.07	0.74	0.99	0.93	18.31	ppb
Manganese	55-2	-0.05	-0.01	0.00	-0.02		ppb
Molybdenum	94-1	0.04	0.02	0.01	0.02	72.27	ppb
Molybdenum	95-1	0.01	0.02	0.02	0.02	30.90	ppb
Molybdenum	96-1	0.01	-0.02	0.00	0.00		ppb
Molybdenum	97-1	0.01	0.01	0.00	0.00	159.63	ppb
Molybdenum	98-1	0.01	0.00	0.00	0.01	55.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.01	-0.03	-0.02		ppb
Phosphorus	31-2	-7.36	-18.75	-11.42	-12.51		ppb
Potassium	39-2	6.56	-1.26	5.12	3.47	119.87	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	-0.88	-0.43	0.43	-0.29		ppb
Selenium	77-2	-0.45	-0.45	-0.45	-0.45		ppb
Selenium	78-2	-0.36	1.37	0.91	0.64	139.69	ppb
Silicon	28-1	-6.52	-6.64	-4.39	-5.85		ppb
Silver	107-1	0.02	0.01	0.02	0.02	27.58	ppb
Silver	109-1	0.02	0.02	0.02	0.02	1.83	ppb
Sodium	23-2	11.72	8.57	11.11	10.47	15.94	ppb
Strontium	86-1	0.13	0.10	0.08	0.10	25.23	ppb
Strontium	88-1	0.00	0.01	0.00	0.00	96.50	ppb
Sulfur	34-1	-791.82	-929.57	-713.40	-811.60		ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	-0.03	-0.01	-0.03	-0.02		ppb
Thallium	205-1	-0.03	-0.04	-0.04	-0.04		ppb
Tin	118-1	0.00	-0.03	-0.04	-0.02		ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	ICB67	Instrumnet Name :	P8
Client Sample ID :	ICB67	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 16:09:10	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.06	0.02	-0.06	-0.03		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	262.68	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				97		%
Zinc	66-2	0.12	0.30	0.22	0.21	41.87	ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb
Zirconium	91-1	-0.02	-0.01	0.01	-0.01		ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	ICSA67	Instrumnet Name :	P8
Client Sample ID :	ICSA67	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 16:12:13	DataFile Name :	018ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98152.61	96686.69	100173.84	98337.71	1.78	ppb
Antimony	121-1	5.05	4.91	4.90	4.95	1.69	ppb
Arsenic	75-2	0.26	0.31	0.29	0.29	7.69	ppb
Barium	135-1	2.23	1.55	1.37	1.71	26.40	ppb
Barium	137-1	2.45	1.48	1.58	1.83	28.97	ppb
Beryllium	9-1	0.46	0.30	0.27	0.34	29.76	ppb
Bismuth	209-1				96		%
Bismuth	209-2				93		%
Boron	10-1	11.07	10.40	9.89	10.45	5.65	ppb
Boron	11-1	11.31	10.45	10.27	10.68	5.18	ppb
Bromine	81-1						cps
Cadmium	111-1	0.97	0.81	0.82	0.87	10.35	ppb
Cadmium	106-1	-0.80	-1.91	-1.72	-1.48		ppb
Cadmium	108-1	11.48	10.55	9.69	10.57	8.47	ppb
Calcium	43-1	98131.09	98781.54	98189.92	98367.52	0.37	ppb
Calcium	44-1	100746.48	99149.11	100574.76	100156.78	0.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.61	20.10	20.95	20.55	2.08	ppb
Cobalt	59-2	1.16	1.16	1.22	1.18	2.73	ppb
Copper	63-2	7.63	7.16	7.83	7.54	4.57	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				96		%
Indium	115-1				97		%
Indium	115-2				90		%
Iron	54-2	106004.23	105133.41	105683.50	105607.05	0.42	ppb
Iron	56-2	106260.97	102974.93	105286.46	104840.79	1.61	ppb
Iron	57-2	105487.06	104118.57	108111.33	105905.66	1.92	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	ICSA67	Instrumnet Name :	P8
Client Sample ID :	ICSA67	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 16:12:13	DataFile Name :	018ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	5.38	4.85	4.79	5.01	6.52	ppb
Lead	207-1	4.73	4.44	4.59	4.59	3.13	ppb
Lead	208-1	5.06	4.51	4.56	4.71	6.43	ppb
Lithium	6-1				101		%
Magnesium	24-2	102551.59	99389.50	102014.15	101318.41	1.67	ppb
Manganese	55-2	8.06	7.90	7.97	7.97	1.00	ppb
Molybdenum	94-1	1632.00	1679.26	1604.90	1638.72	2.30	ppb
Molybdenum	95-1	2034.99	2030.00	1950.51	2005.17	2.36	ppb
Molybdenum	96-1	1987.95	1987.45	1943.71	1973.04	1.29	ppb
Molybdenum	97-1	2027.83	2032.84	1936.51	1999.06	2.71	ppb
Molybdenum	98-1	2017.41	2075.15	2008.60	2033.72	1.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.78	5.59	5.65	5.67	1.78	ppb
Phosphorus	31-2	103340.39	101433.62	103422.95	102732.32	1.10	ppb
Potassium	39-2	99120.05	96712.44	98542.05	98124.85	1.28	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				98		%
Scandium	45-2				92		%
Selenium	82-1	-1.37	0.01	-0.57	-0.64		ppb
Selenium	77-2	-0.45	0.30	0.29	0.05	923.49	ppb
Selenium	78-2	0.54	0.14	-0.96	-0.09		ppb
Silicon	28-1	20.19	19.91	16.03	18.71	12.43	ppb
Silver	107-1	0.07	0.05	0.06	0.06	15.25	ppb
Silver	109-1	0.08	0.06	0.04	0.06	27.22	ppb
Sodium	23-2	104841.39	103795.53	104703.51	104446.81	0.54	ppb
Strontium	86-1	36.92	35.74	34.25	35.64	3.74	ppb
Strontium	88-1	36.65	35.58	35.02	35.75	2.33	ppb
Sulfur	34-1	104704.36	105186.55	102291.71	104060.87	1.49	ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	0.12	0.03	0.03	0.06	79.70	ppb
Thallium	205-1	0.15	0.02	0.05	0.07	97.69	ppb
Tin	118-1	0.69	0.48	0.51	0.56	20.28	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	ICSA67	Instrumnet Name :	P8
Client Sample ID :	ICSA67	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 16:12:13	DataFile Name :	018ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2148.47	2141.75	2129.39	2139.87	0.45	ppb
Uranium	238-1	0.12	0.01	0.01	0.05	124.47	ppb
Vanadium	51-2	0.18	0.17	0.16	0.17	6.98	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				93		%
Zinc	66-2	11.53	11.04	11.37	11.31	2.21	ppb
Zirconium	90-1	0.09	0.01	0.01	0.03	128.17	ppb
Zirconium	91-1	0.18	0.04	0.03	0.08	106.84	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	ICSAB67	Instrumnet Name :	P8
Client Sample ID :	ICSAB67	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 16:15:09	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91722.62	90744.17	89445.58	90637.45	1.26	ppb
Antimony	121-1	21.66	22.73	21.92	22.11	2.53	ppb
Arsenic	75-2	21.10	21.20	20.86	21.05	0.83	ppb
Barium	135-1	21.93	22.75	22.17	22.28	1.89	ppb
Barium	137-1	21.63	22.80	22.16	22.19	2.66	ppb
Beryllium	9-1	21.03	20.56	22.49	21.36	4.73	ppb
Bismuth	209-1				100		%
Bismuth	209-2				95		%
Boron	10-1	7.61	6.56	7.03	7.07	7.41	ppb
Boron	11-1	7.74	7.21	7.54	7.50	3.54	ppb
Bromine	81-1						cps
Cadmium	111-1	20.77	21.60	21.04	21.14	1.99	ppb
Cadmium	106-1	16.82	18.86	15.23	16.97	10.71	ppb
Cadmium	108-1	25.61	29.11	28.01	27.58	6.49	ppb
Calcium	43-1	94639.84	93955.26	99673.97	96089.69	3.25	ppb
Calcium	44-1	94789.54	94050.82	98932.89	95924.42	2.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.79	39.80	37.83	38.81	2.55	ppb
Cobalt	59-2	21.45	21.45	21.09	21.33	0.97	ppb
Copper	63-2	26.42	26.05	25.80	26.09	1.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	54-2	98624.98	97771.35	94506.57	96967.63	2.24	ppb
Iron	56-2	98437.65	100745.69	97427.42	98870.25	1.72	ppb
Iron	57-2	97531.33	100518.78	97192.46	98414.19	1.86	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	ICSAB67	Instrumnet Name :	P8
Client Sample ID :	ICSAB67	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 16:15:09	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	24.34	23.85	24.64	24.28	1.66	ppb
Lead	207-1	22.71	23.29	24.03	23.35	2.83	ppb
Lead	208-1	23.12	23.34	24.35	23.61	2.78	ppb
Lithium	6-1				102		%
Magnesium	24-2	94267.80	94883.71	93330.08	94160.53	0.83	ppb
Manganese	55-2	27.35	26.83	26.64	26.94	1.37	ppb
Molybdenum	94-1	1580.11	1554.60	1593.40	1576.04	1.25	ppb
Molybdenum	95-1	1913.26	1884.31	1957.56	1918.38	1.92	ppb
Molybdenum	96-1	1879.24	1836.75	1928.69	1881.56	2.45	ppb
Molybdenum	97-1	1886.86	1824.52	1955.26	1888.88	3.46	ppb
Molybdenum	98-1	1905.01	1851.27	1937.04	1897.77	2.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.70	26.36	25.20	25.75	2.26	ppb
Phosphorus	31-2	96954.48	95773.47	94278.66	95668.87	1.40	ppb
Potassium	39-2	92888.61	92014.19	91174.09	92025.63	0.93	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				99		%
Scandium	45-2				95		%
Selenium	82-1	19.80	20.17	19.68	19.88	1.29	ppb
Selenium	77-2	29.61	29.71	22.39	27.24	15.42	ppb
Selenium	78-2	21.13	20.11	20.84	20.69	2.56	ppb
Silicon	28-1	14.63	18.67	23.16	18.82	22.67	ppb
Silver	107-1	18.36	19.37	18.69	18.81	2.73	ppb
Silver	109-1	18.84	19.14	19.00	19.00	0.79	ppb
Sodium	23-2	98249.04	97083.41	95389.67	96907.37	1.48	ppb
Strontium	86-1	34.02	32.66	34.47	33.72	2.79	ppb
Strontium	88-1	34.56	33.67	34.72	34.31	1.65	ppb
Sulfur	34-1	97184.59	94410.89	105086.99	98894.16	5.60	ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	20.16	19.95	21.24	20.45	3.40	ppb
Thallium	205-1	20.60	20.17	20.45	20.41	1.06	ppb
Tin	118-1	0.42	0.38	0.40	0.40	5.47	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	ICSAB67	Instrumnet Name :	P8
Client Sample ID :	ICSAB67	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 16:15:09	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1960.71	1966.26	2015.87	1980.95	1.53	ppb
Uranium	238-1	0.02	0.02	0.01	0.02	27.13	ppb
Vanadium	51-2	20.27	20.00	19.74	20.00	1.31	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				95		%
Zinc	66-2	30.66	30.93	29.72	30.44	2.07	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	66.53	ppb
Zirconium	91-1	0.02	0.03	0.02	0.02	24.13	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	CCV90	Instrumnet Name :	P8
Client Sample ID :	CCV90	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 16:18:02	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50095.14	49082.68	50850.47	50009.43	1.77	ppb
Antimony	121-1	492.01	512.21	499.75	501.33	2.03	ppb
Arsenic	75-2	539.17	543.38	533.81	538.79	0.89	ppb
Barium	135-1	2550.05	2541.67	2553.41	2548.38	0.24	ppb
Barium	137-1	2543.26	2503.60	2530.20	2525.69	0.80	ppb
Beryllium	9-1	517.46	514.99	506.79	513.08	1.09	ppb
Bismuth	209-1				98		%
Bismuth	209-2				90		%
Boron	10-1	475.14	481.62	505.29	487.35	3.26	ppb
Boron	11-1	501.48	518.09	532.97	517.51	3.04	ppb
Bromine	81-1						cps
Cadmium	111-1	491.06	509.22	499.16	499.81	1.82	ppb
Cadmium	106-1	503.23	507.66	499.39	503.43	0.82	ppb
Cadmium	108-1	498.19	512.05	505.10	505.11	1.37	ppb
Calcium	43-1	242300.85	252983.82	236929.45	244071.37	3.35	ppb
Calcium	44-1	246365.00	254408.15	242380.07	247717.74	2.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	495.44	492.11	500.76	496.10	0.88	ppb
Cobalt	59-2	516.72	524.67	505.45	515.61	1.87	ppb
Copper	63-2	4894.18	5003.04	5076.93	4991.38	1.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				92		%
Iron	54-2	123396.92	127880.65	125383.99	125553.85	1.79	ppb
Iron	56-2	124368.32	126576.00	127999.47	126314.60	1.45	ppb
Iron	57-2	125283.64	122760.50	125163.28	124402.47	1.14	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	CCV90	Instrumnet Name :	P8
Client Sample ID :	CCV90	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 16:18:02	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2619.72	2643.03	2556.07	2606.28	1.73	ppb
Lead	207-1	2580.95	2573.60	2554.84	2569.80	0.52	ppb
Lead	208-1	2594.69	2574.15	2530.29	2566.38	1.28	ppb
Lithium	6-1				99		%
Magnesium	24-2	249806.39	245669.52	251609.70	249028.54	1.22	ppb
Manganese	55-2	5058.92	5114.36	5199.67	5124.32	1.38	ppb
Molybdenum	94-1	5502.29	5673.58	5659.64	5611.83	1.70	ppb
Molybdenum	95-1	5475.08	5708.11	5774.79	5652.66	2.78	ppb
Molybdenum	96-1	5457.52	5744.25	5645.51	5615.76	2.59	ppb
Molybdenum	97-1	5468.21	5712.99	5591.04	5590.75	2.19	ppb
Molybdenum	98-1	5480.04	5780.25	5587.25	5615.85	2.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	499.12	496.37	499.14	498.21	0.32	ppb
Phosphorus	31-2	10125.27	10061.14	10145.96	10110.79	0.44	ppb
Potassium	39-2	122231.01	121707.83	123117.48	122352.10	0.58	ppb
Rhodium	103-1				91		%
Rhodium	103-2				90		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	82-1	521.40	534.02	537.08	530.83	1.57	ppb
Selenium	77-2	524.93	512.19	520.69	519.27	1.25	ppb
Selenium	78-2	535.46	544.11	531.54	537.04	1.20	ppb
Silicon	28-1	459.75	527.43	511.08	499.42	7.07	ppb
Silver	107-1	498.26	504.91	493.27	498.82	1.17	ppb
Silver	109-1	498.79	511.56	507.25	505.87	1.28	ppb
Sodium	23-2	250042.05	248259.58	251735.07	250012.23	0.70	ppb
Strontium	86-1	5086.44	5141.74	5143.46	5123.88	0.63	ppb
Strontium	88-1	5151.34	5209.27	5269.64	5210.08	1.14	ppb
Sulfur	34-1	8558.93	10258.64	9021.54	9279.70	9.47	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	521.65	519.29	506.57	515.84	1.57	ppb
Thallium	205-1	524.02	518.69	504.35	515.69	1.97	ppb
Tin	118-1	501.18	526.91	521.51	516.53	2.63	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	CCV90	Instrumnet Name :	P8
Client Sample ID :	CCV90	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 16:18:02	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5569.10	5733.47	5617.38	5639.98	1.50	ppb
Uranium	238-1	501.84	518.80	508.19	509.61	1.68	ppb
Vanadium	51-2	499.66	502.98	499.68	500.77	0.38	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				95		%
Zinc	66-2	4899.21	5005.67	5033.40	4979.43	1.42	ppb
Zirconium	90-1	491.12	495.32	498.43	494.96	0.74	ppb
Zirconium	91-1	503.03	514.11	510.11	509.08	1.10	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	CCB90	Instrumnet Name :	P8
Client Sample ID :	CCB90	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 16:25:41	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.76	1.27	0.68	0.91	35.46	ppb
Antimony	121-1	0.06	0.06	0.08	0.07	14.68	ppb
Arsenic	75-2	-0.02	-0.02	0.00	-0.01		ppb
Barium	135-1	0.01	0.03	0.03	0.03	49.37	ppb
Barium	137-1	0.04	0.03	0.01	0.02	67.54	ppb
Beryllium	9-1	0.04	0.02	0.04	0.03	23.75	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	12.34	11.56	10.53	11.48	7.89	ppb
Boron	11-1	12.64	11.84	11.98	12.15	3.51	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.26	-0.29	-0.13	-0.23		ppb
Cadmium	106-1	-3.14	-3.66	-1.80	-2.87		ppb
Cadmium	108-1	-0.05	-0.24	-0.16	-0.15		ppb
Calcium	43-1	5.02	3.92	4.12	4.35	13.44	ppb
Calcium	44-1	12.90	12.18	15.86	13.65	14.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.03	0.01	0.02	59.90	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	18.62	ppb
Copper	63-2	0.09	0.11	0.11	0.10	9.21	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				98		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	54-2	3.31	0.52	3.08	2.30	67.08	ppb
Iron	56-2	2.45	2.59	2.22	2.42	7.63	ppb
Iron	57-2	3.43	1.97	4.17	3.19	35.06	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	CCB90	Instrumnet Name :	P8
Client Sample ID :	CCB90	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 16:25:41	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.17	0.13	0.10	0.14	24.49	ppb
Lead	207-1	0.16	0.10	0.15	0.13	22.06	ppb
Lead	208-1	0.15	0.13	0.13	0.13	10.36	ppb
Lithium	6-1				103		%
Magnesium	24-2	4.04	3.99	4.70	4.25	9.40	ppb
Manganese	55-2	0.07	0.09	0.05	0.07	26.23	ppb
Molybdenum	94-1	0.14	0.10	0.11	0.12	17.01	ppb
Molybdenum	95-1	0.18	0.15	0.11	0.15	21.26	ppb
Molybdenum	96-1	0.15	0.10	0.14	0.13	22.28	ppb
Molybdenum	97-1	0.15	0.14	0.09	0.13	23.60	ppb
Molybdenum	98-1	0.15	0.09	0.13	0.12	24.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	-0.01	-0.01		ppb
Phosphorus	31-2	-20.49	-7.49	-27.38	-18.45		ppb
Potassium	39-2	14.50	10.48	10.27	11.75	20.28	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	0.69	-0.75	-0.73	-0.26		ppb
Selenium	77-2	-0.45	0.26	-0.45	-0.22		ppb
Selenium	78-2	0.25	-0.42	0.47	0.10	457.00	ppb
Silicon	28-1	-6.13	-4.83	-1.99	-4.32		ppb
Silver	107-1	0.05	0.04	0.05	0.05	15.48	ppb
Silver	109-1	0.04	0.04	0.03	0.04	12.22	ppb
Sodium	23-2	31.28	29.65	29.47	30.13	3.30	ppb
Strontium	86-1	0.14	0.12	0.10	0.12	15.32	ppb
Strontium	88-1	0.07	0.07	0.08	0.07	0.71	ppb
Sulfur	34-1	-1303.54	-1456.95	-1180.74	-1313.74		ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	0.00	0.03	0.00	0.01	148.48	ppb
Thallium	205-1	0.01	0.02	0.02	0.02	26.54	ppb
Tin	118-1	-0.03	-0.04	0.01	-0.02		ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	CCB90	Instrumnet Name :	P8
Client Sample ID :	CCB90	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 16:25:41	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.10	0.07	0.07	0.08	26.80	ppb
Uranium	238-1	0.01	0.00	0.00	0.01	12.86	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	35.90	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				96		%
Zinc	66-2	0.19	0.22	0.16	0.19	17.15	ppb
Zirconium	90-1	0.00	0.01	0.01	0.00	214.13	ppb
Zirconium	91-1	0.01	-0.03	0.00	-0.01		ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 16:28:45	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.02	15.17	15.33	15.51	2.92	ppb
Antimony	121-1	1.64	1.62	1.64	1.63	0.55	ppb
Arsenic	75-2	0.76	0.79	0.84	0.80	5.19	ppb
Barium	135-1	7.76	7.86	7.89	7.84	0.88	ppb
Barium	137-1	8.16	7.98	8.09	8.08	1.07	ppb
Beryllium	9-1	0.84	0.84	0.91	0.86	4.34	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	24.44	25.30	26.86	25.53	4.81	ppb
Boron	11-1	25.24	26.73	27.70	26.56	4.67	ppb
Bromine	81-1						cps
Cadmium	111-1	0.72	0.81	0.84	0.79	7.53	ppb
Cadmium	106-1	-1.18	0.79	-0.17	-0.19		ppb
Cadmium	108-1	0.73	0.85	0.69	0.76	11.11	ppb
Calcium	43-1	394.95	397.35	398.04	396.78	0.41	ppb
Calcium	44-1	413.50	412.35	421.97	415.94	1.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.59	1.50	1.53	1.54	3.06	ppb
Cobalt	59-2	0.84	0.79	0.80	0.81	3.36	ppb
Copper	63-2	1.73	1.81	1.65	1.73	4.37	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				99		%
Holmium	165-2				97		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	54-2	41.63	42.91	45.39	43.31	4.42	ppb
Iron	56-2	41.36	41.39	42.29	41.68	1.27	ppb
Iron	57-2	43.15	41.26	43.08	42.50	2.52	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 16:28:45	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.85	0.90	0.88	0.88	2.82	ppb
Lead	207-1	0.79	0.87	0.85	0.84	4.82	ppb
Lead	208-1	0.81	0.88	0.85	0.85	4.27	ppb
Lithium	6-1				100		%
Magnesium	24-2	412.40	413.53	397.68	407.87	2.17	ppb
Manganese	55-2	0.89	0.90	0.93	0.91	2.67	ppb
Molybdenum	94-1	4.69	5.23	5.17	5.03	5.93	ppb
Molybdenum	95-1	4.04	4.21	4.13	4.13	1.98	ppb
Molybdenum	96-1	4.11	4.35	4.12	4.19	3.31	ppb
Molybdenum	97-1	4.42	4.30	4.38	4.37	1.43	ppb
Molybdenum	98-1	4.20	4.20	4.09	4.17	1.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.81	0.76	0.80	0.79	3.36	ppb
Phosphorus	31-2	-0.80	4.35	12.97	5.51	126.42	ppb
Potassium	39-2	389.36	399.28	389.06	392.57	1.48	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	82-1	3.80	3.58	3.81	3.73	3.50	ppb
Selenium	77-2	4.60	3.83	1.03	3.15	59.69	ppb
Selenium	78-2	4.64	4.40	3.73	4.26	11.14	ppb
Silicon	28-1	2.46	3.30	4.70	3.48	32.60	ppb
Silver	107-1	0.74	0.81	0.78	0.78	4.22	ppb
Silver	109-1	0.75	0.82	0.84	0.80	5.64	ppb
Sodium	23-2	423.06	424.36	418.81	422.08	0.69	ppb
Strontium	86-1	0.99	0.99	1.07	1.02	4.18	ppb
Strontium	88-1	0.82	0.90	0.87	0.86	5.17	ppb
Sulfur	34-1	-1404.15	-1265.44	-1059.01	-1242.87		ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	0.78	0.82	0.72	0.78	6.17	ppb
Thallium	205-1	0.75	0.84	0.75	0.78	6.56	ppb
Tin	118-1	4.18	4.33	4.06	4.19	3.25	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 16:28:45	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.21	4.02	4.30	4.18	3.42	ppb
Uranium	238-1	0.77	0.75	0.71	0.75	4.19	ppb
Vanadium	51-2	3.92	3.98	3.78	3.89	2.59	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				95		%
Zinc	66-2	2.03	2.30	2.09	2.14	6.55	ppb
Zirconium	90-1	0.80	0.79	0.79	0.79	0.62	ppb
Zirconium	91-1	0.69	0.75	0.78	0.74	6.08	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	M4530-01	Instrumnet Name :	P8
Client Sample ID :	SW-P287	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 16:31:47	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	152.05	106.61	109.48	122.72	20.74	ppb
Antimony	121-1	0.18	0.21	0.19	0.19	6.93	ppb
Arsenic	75-2	2.89	2.45	2.72	2.68	8.14	ppb
Barium	135-1	55.70	54.90	55.09	55.23	0.76	ppb
Barium	137-1	54.66	56.75	56.22	55.88	1.94	ppb
Beryllium	9-1	0.02	0.03	0.04	0.03	38.58	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	59.43	63.42	68.92	63.92	7.45	ppb
Boron	11-1	65.14	69.18	74.71	69.68	6.89	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.08	0.03	-0.16	-0.07		ppb
Cadmium	106-1	-1.54	-0.08	-2.22	-1.28		ppb
Cadmium	108-1	-0.08	-0.07	0.13	-0.01		ppb
Calcium	43-1	14698.17	14219.31	14777.39	14564.96	2.07	ppb
Calcium	44-1	14743.16	14663.46	15027.15	14811.26	1.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.92	0.79	0.78	0.83	9.27	ppb
Cobalt	59-2	1.47	1.33	1.40	1.40	4.83	ppb
Copper	63-2	6.54	4.51	5.49	5.51	18.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	54-2	3434.94	3378.63	3442.39	3418.66	1.02	ppb
Iron	56-2	3600.97	3495.12	3449.32	3515.14	2.21	ppb
Iron	57-2	3456.38	3363.56	3374.69	3398.21	1.49	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	M4530-01	Instrumnet Name :	P8
Client Sample ID :	SW-P287	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 16:31:47	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.81	0.83	0.85	0.83	2.50	ppb
Lead	207-1	0.72	0.77	0.75	0.75	3.32	ppb
Lead	208-1	0.77	0.78	0.80	0.78	2.14	ppb
Lithium	6-1				103		%
Magnesium	24-2	5220.09	4810.82	4829.07	4953.33	4.67	ppb
Manganese	55-2	545.55	554.00	548.77	549.44	0.78	ppb
Molybdenum	94-1	0.67	0.55	0.69	0.64	12.11	ppb
Molybdenum	95-1	0.57	0.61	0.60	0.59	3.34	ppb
Molybdenum	96-1	0.57	0.48	0.62	0.56	12.22	ppb
Molybdenum	97-1	0.57	0.51	0.59	0.55	8.05	ppb
Molybdenum	98-1	0.58	0.50	0.51	0.53	7.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.30	3.07	3.27	3.22	3.98	ppb
Phosphorus	31-2	182.46	170.17	150.49	167.71	9.61	ppb
Potassium	39-2	4540.42	4504.25	4569.90	4538.19	0.72	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	-0.75	-0.87	-0.45	-0.69		ppb
Selenium	77-2	0.95	-0.45	0.97	0.49	166.73	ppb
Selenium	78-2	0.41	0.87	0.97	0.75	39.85	ppb
Silicon	28-1	3873.29	3810.01	4063.69	3915.66	3.37	ppb
Silver	107-1	0.04	0.04	0.05	0.04	12.32	ppb
Silver	109-1	0.04	0.03	0.03	0.03	9.79	ppb
Sodium	23-2	15293.17	15816.91	15521.02	15543.70	1.69	ppb
Strontium	86-1	80.99	75.68	80.76	79.14	3.79	ppb
Strontium	88-1	80.87	78.68	82.00	80.52	2.10	ppb
Sulfur	34-1	8819.86	8297.40	9191.58	8769.61	5.12	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	-0.02	-0.03	-0.01	-0.02		ppb
Thallium	205-1	-0.01	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.08	0.10	0.10	0.09	10.40	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	M4530-01	Instrumnet Name :	P8
Client Sample ID :	SW-P287	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 16:31:47	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3.93	3.54	3.60	3.69	5.73	ppb
Uranium	238-1	0.05	0.04	0.06	0.05	14.31	ppb
Vanadium	51-2	1.13	1.00	0.99	1.04	7.68	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	38.96	35.55	37.01	37.17	4.59	ppb
Zirconium	90-1	0.10	0.10	0.08	0.10	13.11	ppb
Zirconium	91-1	0.12	0.10	0.09	0.10	15.07	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	CCV91	Instrumnet Name :	P8
Client Sample ID :	CCV91	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 16:37:28	DataFile Name :	024CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50776.39	49894.14	51293.90	50654.81	1.40	ppb
Antimony	121-1	503.50	507.40	507.65	506.19	0.46	ppb
Arsenic	75-2	532.44	533.52	532.94	532.96	0.10	ppb
Barium	135-1	2594.30	2515.12	2560.17	2556.53	1.55	ppb
Barium	137-1	2560.67	2542.97	2589.81	2564.49	0.92	ppb
Beryllium	9-1	500.51	519.06	509.23	509.60	1.82	ppb
Bismuth	209-1				95		%
Bismuth	209-2				92		%
Boron	10-1	452.88	491.04	489.84	477.92	4.54	ppb
Boron	11-1	478.41	515.99	520.48	504.96	4.57	ppb
Bromine	81-1						cps
Cadmium	111-1	495.70	495.98	500.49	497.39	0.54	ppb
Cadmium	106-1	500.93	487.53	498.62	495.69	1.44	ppb
Cadmium	108-1	485.43	485.55	501.27	490.75	1.86	ppb
Calcium	43-1	244692.37	244880.02	247484.40	245685.60	0.64	ppb
Calcium	44-1	248675.66	247834.25	248894.45	248468.12	0.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	512.60	494.86	500.64	502.70	1.80	ppb
Cobalt	59-2	518.07	529.17	518.73	521.99	1.19	ppb
Copper	63-2	5000.21	4876.37	5066.33	4980.97	1.94	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				94		%
Indium	115-2				91		%
Iron	54-2	127544.82	125404.64	127908.27	126952.58	1.07	ppb
Iron	56-2	128338.73	124367.07	128409.83	127038.55	1.82	ppb
Iron	57-2	126270.65	125977.36	125146.07	125798.02	0.46	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	CCV91	Instrumnet Name :	P8
Client Sample ID :	CCV91	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 16:37:28	DataFile Name :	024CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2645.11	2608.53	2636.35	2630.00	0.73	ppb
Lead	207-1	2599.38	2557.51	2648.95	2601.95	1.76	ppb
Lead	208-1	2592.60	2546.01	2637.08	2591.90	1.76	ppb
Lithium	6-1				100		%
Magnesium	24-2	256709.05	247718.09	254372.53	252933.23	1.84	ppb
Manganese	55-2	5289.96	5014.00	5232.73	5178.90	2.81	ppb
Molybdenum	94-1	5564.25	5489.27	5463.88	5505.80	0.95	ppb
Molybdenum	95-1	5518.90	5461.29	5544.43	5508.21	0.77	ppb
Molybdenum	96-1	5469.19	5441.63	5472.99	5461.27	0.31	ppb
Molybdenum	97-1	5473.43	5442.53	5494.77	5470.24	0.48	ppb
Molybdenum	98-1	5546.00	5417.70	5574.73	5512.81	1.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	511.96	499.98	511.11	507.68	1.32	ppb
Phosphorus	31-2	9867.02	10120.64	10204.34	10064.00	1.75	ppb
Potassium	39-2	122028.40	121147.52	122368.35	121848.09	0.52	ppb
Rhodium	103-1				90		%
Rhodium	103-2				91		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	82-1	518.83	516.06	522.91	519.27	0.66	ppb
Selenium	77-2	525.46	518.42	526.44	523.44	0.84	ppb
Selenium	78-2	514.75	529.99	508.82	517.85	2.11	ppb
Silicon	28-1	481.13	509.42	509.96	500.17	3.30	ppb
Silver	107-1	498.74	500.10	484.58	494.47	1.74	ppb
Silver	109-1	500.31	510.05	508.99	506.45	1.05	ppb
Sodium	23-2	252317.82	247605.69	250530.92	250151.47	0.95	ppb
Strontium	86-1	4985.01	5068.17	5088.51	5047.23	1.09	ppb
Strontium	88-1	5021.85	5122.01	5148.70	5097.52	1.31	ppb
Sulfur	34-1	9703.42	9069.47	9598.31	9457.07	3.59	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	541.65	530.33	542.32	538.10	1.25	ppb
Thallium	205-1	521.67	506.95	532.43	520.35	2.46	ppb
Tin	118-1	515.94	499.12	502.44	505.83	1.76	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	CCV91	Instrumnet Name :	P8
Client Sample ID :	CCV91	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 16:37:28	DataFile Name :	024CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5643.40	5677.70	5679.67	5666.92	0.36	ppb
Uranium	238-1	521.16	510.48	528.81	520.15	1.77	ppb
Vanadium	51-2	504.81	503.50	503.27	503.86	0.16	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				96		%
Zinc	66-2	5013.95	4926.73	4987.18	4975.95	0.90	ppb
Zirconium	90-1	496.95	488.73	495.14	493.61	0.88	ppb
Zirconium	91-1	497.01	492.86	504.96	498.27	1.23	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	CCB91	Instrumnet Name :	P8
Client Sample ID :	CCB91	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 16:45:52	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.09	0.71	0.24	0.34	94.58	ppb
Antimony	121-1	0.05	0.05	0.08	0.06	28.97	ppb
Arsenic	75-2	-0.03	-0.04	-0.01	-0.03		ppb
Barium	135-1	0.00	0.00	0.00	0.00	181.24	ppb
Barium	137-1	0.00	0.02	0.01	0.01	59.35	ppb
Beryllium	9-1	0.01	0.01	0.00	0.01	52.73	ppb
Bismuth	209-1				102		%
Bismuth	209-2				97		%
Boron	10-1	12.85	12.42	12.25	12.51	2.48	ppb
Boron	11-1	13.81	12.57	12.82	13.07	5.02	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.22	-0.34	-0.09	-0.22		ppb
Cadmium	106-1	-2.57	-4.06	-1.09	-2.57		ppb
Cadmium	108-1	-0.16	-0.07	0.09	-0.05		ppb
Calcium	43-1	0.24	1.44	1.10	0.93	66.33	ppb
Calcium	44-1	2.93	2.99	4.43	3.45	24.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.04	-0.04	0.01	794.10	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	163.20	ppb
Copper	63-2	0.06	0.03	0.04	0.04	30.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				96		%
Indium	115-1				98		%
Indium	115-2				94		%
Iron	54-2	0.94	-0.03	1.75	0.89	100.56	ppb
Iron	56-2	1.02	0.82	0.71	0.85	18.63	ppb
Iron	57-2	1.63	0.59	0.68	0.97	59.91	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	CCB91	Instrumnet Name :	P8
Client Sample ID :	CCB91	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 16:45:52	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.06	0.06	0.06	0.06	0.67	ppb
Lead	207-1	0.05	0.05	0.05	0.05	2.80	ppb
Lead	208-1	0.07	0.06	0.07	0.06	3.68	ppb
Lithium	6-1				102		%
Magnesium	24-2	2.00	1.22	2.04	1.75	26.49	ppb
Manganese	55-2	0.01	0.02	0.00	0.01	93.68	ppb
Molybdenum	94-1	0.11	0.06	0.06	0.08	34.79	ppb
Molybdenum	95-1	0.06	0.07	0.08	0.07	14.49	ppb
Molybdenum	96-1	0.04	0.05	0.04	0.04	8.89	ppb
Molybdenum	97-1	0.10	0.06	0.04	0.07	43.33	ppb
Molybdenum	98-1	0.09	0.08	0.06	0.08	21.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.02	-0.01	-0.02		ppb
Phosphorus	31-2	-14.85	-26.49	-5.97	-15.77		ppb
Potassium	39-2	10.54	12.25	8.16	10.32	19.93	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				93		%
Selenium	82-1	-0.71	-1.00	-0.28	-0.66		ppb
Selenium	77-2	-0.45	0.28	-0.45	-0.21		ppb
Selenium	78-2	0.90	0.77	-0.29	0.46	142.32	ppb
Silicon	28-1	-5.61	-3.96	-3.75	-4.44		ppb
Silver	107-1	0.06	0.06	0.04	0.05	19.73	ppb
Silver	109-1	0.05	0.05	0.04	0.04	4.11	ppb
Sodium	23-2	25.66	22.39	23.73	23.92	6.86	ppb
Strontium	86-1	0.15	0.18	0.26	0.20	29.53	ppb
Strontium	88-1	0.04	0.03	0.03	0.03	15.87	ppb
Sulfur	34-1	-1448.04	-1260.82	-958.60	-1222.49		ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	-0.02	-0.03	-0.04	-0.03		ppb
Thallium	205-1	-0.01	-0.01	-0.04	-0.02		ppb
Tin	118-1	-0.03	-0.03	-0.02	-0.03		ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	CCB91	Instrumnet Name :	P8
Client Sample ID :	CCB91	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 16:45:52	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.01	0.02	0.09	0.03	153.06	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	46.08	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	34.15	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				94		%
Zinc	66-2	0.39	0.19	0.12	0.23	59.36	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	153.43	ppb
Zirconium	91-1	0.00	-0.01	-0.02	-0.01		ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	M4530-01DUP	Instrumnet Name :	P8
Client Sample ID :	SW-P287DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 16:52:24	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	107.83	121.79	122.43	117.35	7.03	ppb
Antimony	121-1	0.22	0.20	0.20	0.20	5.29	ppb
Arsenic	75-2	2.66	2.59	2.67	2.64	1.57	ppb
Barium	135-1	54.32	54.05	55.79	54.72	1.72	ppb
Barium	137-1	56.98	55.61	56.13	56.24	1.23	ppb
Beryllium	9-1	0.01	0.03	0.02	0.02	38.91	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	10-1	59.18	66.09	67.21	64.16	6.77	ppb
Boron	11-1	64.47	70.61	72.45	69.18	6.04	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.15	-0.15	-0.09	-0.13		ppb
Cadmium	106-1	-2.12	-2.09	-1.35	-1.86		ppb
Cadmium	108-1	0.11	-0.05	-0.04	0.01	1393.47	ppb
Calcium	43-1	14427.14	14369.70	13851.31	14216.05	2.23	ppb
Calcium	44-1	14634.78	14820.85	14264.19	14573.27	1.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.71	0.76	0.78	0.75	4.90	ppb
Cobalt	59-2	1.23	1.30	1.33	1.29	4.15	ppb
Copper	63-2	4.52	4.90	5.11	4.85	6.15	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				96		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	54-2	3486.14	3388.01	3477.25	3450.47	1.57	ppb
Iron	56-2	3502.57	3460.02	3579.34	3513.97	1.72	ppb
Iron	57-2	3376.62	3345.87	3446.55	3389.68	1.52	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	M4530-01DUP	Instrumnet Name :	P8
Client Sample ID :	SW-P287DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 16:52:24	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.83	0.79	0.79	0.80	2.84	ppb
Lead	207-1	0.79	0.77	0.71	0.76	5.92	ppb
Lead	208-1	0.77	0.78	0.75	0.77	1.94	ppb
Lithium	6-1				101		%
Magnesium	24-2	4873.71	4846.43	4932.42	4884.19	0.90	ppb
Manganese	55-2	551.39	545.75	558.90	552.01	1.20	ppb
Molybdenum	94-1	0.61	0.60	0.60	0.60	1.41	ppb
Molybdenum	95-1	0.57	0.52	0.60	0.56	7.39	ppb
Molybdenum	96-1	0.49	0.57	0.57	0.54	8.85	ppb
Molybdenum	97-1	0.58	0.51	0.53	0.54	6.18	ppb
Molybdenum	98-1	0.52	0.52	0.54	0.53	1.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.13	3.05	3.31	3.16	4.22	ppb
Phosphorus	31-2	172.83	203.30	177.41	184.51	8.90	ppb
Potassium	39-2	4493.64	4523.77	4598.57	4538.66	1.19	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				94		%
Selenium	82-1	-1.11	-0.58	0.56	-0.38		ppb
Selenium	77-2	-0.45	1.00	1.81	0.78	145.99	ppb
Selenium	78-2	0.82	-0.15	-0.26	0.14	424.25	ppb
Silicon	28-1	3893.94	3763.47	3685.14	3780.85	2.79	ppb
Silver	107-1	0.02	0.01	0.03	0.02	35.91	ppb
Silver	109-1	0.01	0.01	0.01	0.01	15.15	ppb
Sodium	23-2	16043.50	15473.66	16054.47	15857.21	2.10	ppb
Strontium	86-1	76.66	78.37	77.62	77.55	1.11	ppb
Strontium	88-1	80.46	79.31	79.02	79.60	0.96	ppb
Sulfur	34-1	8818.84	8952.74	7751.31	8507.63	7.74	ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	-0.02	-0.03	-0.05	-0.03		ppb
Thallium	205-1	-0.02	-0.05	-0.04	-0.03		ppb
Tin	118-1	0.04	0.05	0.08	0.06	34.79	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	M4530-01DUP	Instrumnet Name :	P8
Client Sample ID :	SW-P287DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 16:52:24	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3.65	3.93	3.27	3.62	9.18	ppb
Uranium	238-1	0.05	0.05	0.05	0.05	9.76	ppb
Vanadium	51-2	0.90	1.00	1.01	0.97	6.40	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				94		%
Zinc	66-2	35.41	36.00	36.36	35.92	1.34	ppb
Zirconium	90-1	0.15	0.43	0.10	0.22	78.81	ppb
Zirconium	91-1	0.08	0.10	0.08	0.09	10.24	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	M4530-01LX5	Instrumnet Name :	P8
Client Sample ID :	SW-P287L	Dilution Factor :	5
Date & Time Acquired ::	2021-11-08 16:55:23	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.91	21.53	22.81	21.75	4.46	ppb
Antimony	121-1	0.05	0.05	0.05	0.05	0.77	ppb
Arsenic	75-2	0.48	0.39	0.51	0.46	14.03	ppb
Barium	135-1	11.23	11.43	11.47	11.37	1.13	ppb
Barium	137-1	11.57	11.76	11.57	11.63	0.95	ppb
Beryllium	9-1	0.02	0.01	0.02	0.02	37.14	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	21.63	21.12	22.26	21.67	2.65	ppb
Boron	11-1	23.42	22.69	22.96	23.02	1.60	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.15	-0.13	0.14	-0.05		ppb
Cadmium	106-1	-1.78	-1.76	1.56	-0.66		ppb
Cadmium	108-1	-0.05	-0.13	0.07	-0.04		ppb
Calcium	43-1	2917.44	2896.77	2875.45	2896.56	0.72	ppb
Calcium	44-1	3051.74	3069.88	3086.52	3069.38	0.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.12	0.10	0.11	0.11	7.99	ppb
Cobalt	59-2	0.25	0.26	0.28	0.26	4.74	ppb
Copper	63-2	0.87	0.90	0.87	0.88	1.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	54-2	682.67	665.03	685.24	677.65	1.62	ppb
Iron	56-2	726.20	695.73	710.14	710.69	2.14	ppb
Iron	57-2	662.26	659.53	675.65	665.81	1.30	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	M4530-01LX5	Instrumnet Name :	P8
Client Sample ID :	SW-P287L	Dilution Factor :	5
Date & Time Acquired ::	2021-11-08 16:55:23	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.18	0.21	0.19	0.19	9.18	ppb
Lead	207-1	0.18	0.19	0.22	0.20	10.94	ppb
Lead	208-1	0.18	0.20	0.20	0.19	3.75	ppb
Lithium	6-1				107		%
Magnesium	24-2	963.80	957.74	952.23	957.92	0.60	ppb
Manganese	55-2	109.18	110.26	111.31	110.25	0.97	ppb
Molybdenum	94-1	0.11	0.18	0.19	0.16	28.13	ppb
Molybdenum	95-1	0.12	0.14	0.12	0.13	6.99	ppb
Molybdenum	96-1	0.14	0.12	0.07	0.11	30.48	ppb
Molybdenum	97-1	0.16	0.13	0.12	0.14	15.84	ppb
Molybdenum	98-1	0.12	0.09	0.10	0.10	16.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.52	0.54	0.62	0.56	9.52	ppb
Phosphorus	31-2	22.70	31.83	23.74	26.09	19.16	ppb
Potassium	39-2	891.15	878.36	893.10	887.53	0.90	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	82-1	-0.69	-0.79	-1.20	-0.89		ppb
Selenium	77-2	0.97	-0.45	0.27	0.26	270.98	ppb
Selenium	78-2	0.29	0.08	1.95	0.77	132.22	ppb
Silicon	28-1	773.10	770.89	757.55	767.18	1.10	ppb
Silver	107-1	0.01	0.01	0.01	0.01	28.31	ppb
Silver	109-1	0.01	0.01	0.01	0.01	19.04	ppb
Sodium	23-2	3120.60	3160.52	3180.68	3153.93	0.97	ppb
Strontium	86-1	15.71	16.08	15.58	15.79	1.64	ppb
Strontium	88-1	16.04	16.11	15.99	16.04	0.38	ppb
Sulfur	34-1	430.43	478.88	755.54	554.95	31.61	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	-0.07	-0.05	-0.05	-0.05		ppb
Thallium	205-1	-0.06	-0.04	-0.05	-0.05		ppb
Tin	118-1	-0.01	0.02	0.02	0.01	165.76	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	M4530-01LX5	Instrumnet Name :	P8
Client Sample ID :	SW-P287L	Dilution Factor :	5
Date & Time Acquired ::	2021-11-08 16:55:23	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.27	0.62	0.78	0.89	37.93	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	16.58	ppb
Vanadium	51-2	0.19	0.19	0.21	0.20	6.37	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	6.80	7.03	7.33	7.05	3.76	ppb
Zirconium	90-1	0.01	0.20	0.02	0.08	138.59	ppb
Zirconium	91-1	0.01	-0.01	0.02	0.01	178.84	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	M4530-02RE	Instrumnet Name :	P8
Client Sample ID :	SW-P287RE	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 16:58:24	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.14	7.22	8.11	7.49	7.20	ppb
Antimony	121-1	0.30	0.33	0.29	0.31	7.26	ppb
Arsenic	75-2	0.88	0.86	0.94	0.89	4.62	ppb
Barium	135-1	50.07	50.59	49.17	49.94	1.44	ppb
Barium	137-1	51.43	53.83	49.02	51.43	4.68	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	33.38	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Boron	10-1	64.88	66.82	70.85	67.52	4.51	ppb
Boron	11-1	70.40	72.65	76.50	73.18	4.22	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.11	0.05	-0.08	-0.05		ppb
Cadmium	106-1	-1.35	0.38	-1.03	-0.67		ppb
Cadmium	108-1	0.02	0.03	0.06	0.04	52.90	ppb
Calcium	43-1	15355.60	15265.12	15007.24	15209.32	1.19	ppb
Calcium	44-1	15349.16	15356.71	15036.44	15247.44	1.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.50	0.56	0.54	0.54	5.89	ppb
Cobalt	59-2	0.34	0.35	0.37	0.35	4.08	ppb
Copper	63-2	14.04	14.04	14.06	14.05	0.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				96		%
Indium	115-1				96		%
Indium	115-2				93		%
Iron	54-2	410.13	397.24	412.97	406.78	2.06	ppb
Iron	56-2	417.71	416.34	411.92	415.33	0.73	ppb
Iron	57-2	408.68	410.77	422.15	413.87	1.75	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	M4530-02RE	Instrumnet Name :	P8
Client Sample ID :	SW-P287RE	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 16:58:24	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.21	0.21	0.20	0.21	2.85	ppb
Lead	207-1	0.18	0.21	0.21	0.20	9.52	ppb
Lead	208-1	0.19	0.21	0.20	0.20	4.38	ppb
Lithium	6-1				102		%
Magnesium	24-2	5109.42	5227.38	5090.75	5142.52	1.44	ppb
Manganese	55-2	215.78	212.43	214.69	214.30	0.80	ppb
Molybdenum	94-1	0.44	0.44	0.49	0.46	6.10	ppb
Molybdenum	95-1	0.48	0.47	0.53	0.49	5.99	ppb
Molybdenum	96-1	0.44	0.49	0.47	0.47	5.29	ppb
Molybdenum	97-1	0.47	0.42	0.49	0.46	8.33	ppb
Molybdenum	98-1	0.38	0.45	0.47	0.44	10.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.28	3.04	3.10	3.14	4.08	ppb
Phosphorus	31-2	25.98	17.80	13.84	19.21	32.23	ppb
Potassium	39-2	4730.89	4661.13	4624.55	4672.19	1.16	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	82-1	0.07	-0.33	1.69	0.48	223.90	ppb
Selenium	77-2	1.78	-0.45	-0.45	0.29	442.26	ppb
Selenium	78-2	1.47	0.08	1.61	1.05	80.16	ppb
Silicon	28-1	3962.46	3964.84	3952.39	3959.90	0.17	ppb
Silver	107-1	0.02	0.01	0.01	0.01	23.53	ppb
Silver	109-1	0.02	0.02	0.01	0.02	22.09	ppb
Sodium	23-2	16541.21	16467.26	16506.65	16505.04	0.22	ppb
Strontium	86-1	79.54	83.61	81.37	81.51	2.51	ppb
Strontium	88-1	85.19	85.18	84.74	85.04	0.30	ppb
Sulfur	34-1	9412.60	9349.70	8815.21	9192.50	3.57	ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	-0.05	-0.05	-0.07	-0.06		ppb
Thallium	205-1	-0.03	-0.05	-0.05	-0.04		ppb
Tin	118-1	0.11	0.09	0.08	0.09	16.53	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	M4530-02RE	Instrumnet Name :	P8
Client Sample ID :	SW-P287RE	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 16:58:24	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.47	0.44	0.41	0.44	6.63	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	18.15	ppb
Vanadium	51-2	0.19	0.18	0.19	0.19	4.60	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				94		%
Zinc	66-2	39.99	39.92	39.03	39.64	1.35	ppb
Zirconium	90-1	0.04	0.04	0.05	0.04	8.63	ppb
Zirconium	91-1	0.05	0.04	0.00	0.03	98.44	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	M4530-02	Instrumnet Name :	P8
Client Sample ID :	SW-P287	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 17:01:23	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	96.96	104.27	102.18	101.14	3.72	ppb
Antimony	121-1	0.14	0.18	0.17	0.17	12.05	ppb
Arsenic	75-2	2.26	2.26	2.03	2.18	6.09	ppb
Barium	135-1	50.17	50.84	51.25	50.75	1.07	ppb
Barium	137-1	51.06	52.08	53.74	52.29	2.59	ppb
Beryllium	9-1	0.01	0.03	0.02	0.02	37.76	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	60.36	62.70	65.18	62.75	3.85	ppb
Boron	11-1	64.87	68.76	71.84	68.49	5.10	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.14	-0.29	0.05	-0.13		ppb
Cadmium	106-1	-1.94	-3.69	0.14	-1.83		ppb
Cadmium	108-1	-0.08	0.07	0.14	0.04	252.34	ppb
Calcium	43-1	12940.95	13350.67	12972.21	13087.94	1.74	ppb
Calcium	44-1	13685.70	13274.92	13130.70	13363.77	2.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.63	0.60	0.62	0.61	2.50	ppb
Cobalt	59-2	1.14	1.09	1.16	1.13	3.18	ppb
Copper	63-2	3.92	3.96	3.95	3.95	0.58	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				100		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	54-2	3023.05	3050.70	2990.29	3021.35	1.00	ppb
Iron	56-2	3145.14	3047.74	3034.45	3075.78	1.96	ppb
Iron	57-2	3007.03	2971.02	3001.45	2993.17	0.65	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	M4530-02	Instrumnet Name :	P8
Client Sample ID :	SW-P287	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 17:01:23	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.79	0.73	0.67	0.73	8.21	ppb
Lead	207-1	0.72	0.64	0.61	0.66	8.29	ppb
Lead	208-1	0.71	0.67	0.65	0.68	4.45	ppb
Lithium	6-1				102		%
Magnesium	24-2	4318.87	4277.03	4263.30	4286.40	0.68	ppb
Manganese	55-2	491.17	479.52	482.46	484.38	1.25	ppb
Molybdenum	94-1	0.61	0.61	0.61	0.61	0.50	ppb
Molybdenum	95-1	0.52	0.51	0.49	0.51	3.00	ppb
Molybdenum	96-1	0.50	0.42	0.50	0.47	8.86	ppb
Molybdenum	97-1	0.49	0.43	0.44	0.45	6.80	ppb
Molybdenum	98-1	0.49	0.43	0.45	0.46	6.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.77	2.70	2.76	2.74	1.48	ppb
Phosphorus	31-2	200.43	159.66	126.60	162.23	22.80	ppb
Potassium	39-2	4030.16	3953.30	3942.52	3975.33	1.20	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	-0.26	-0.34	-0.46	-0.35		ppb
Selenium	77-2	0.94	0.25	0.27	0.49	80.74	ppb
Selenium	78-2	0.44	0.25	0.60	0.43	39.64	ppb
Silicon	28-1	3513.04	3561.38	3560.47	3544.96	0.78	ppb
Silver	107-1	0.02	0.01	0.02	0.02	20.15	ppb
Silver	109-1	0.01	0.01	0.01	0.01	12.00	ppb
Sodium	23-2	14145.08	14043.23	14112.11	14100.14	0.37	ppb
Strontium	86-1	71.06	70.80	72.19	71.35	1.04	ppb
Strontium	88-1	74.51	74.85	72.51	73.96	1.71	ppb
Sulfur	34-1	7342.59	7592.06	7561.82	7498.82	1.82	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	-0.06	-0.06	-0.07	-0.06		ppb
Thallium	205-1	-0.03	-0.05	-0.05	-0.05		ppb
Tin	118-1	0.10	0.08	0.08	0.09	11.15	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	M4530-02	Instrumnet Name :	P8
Client Sample ID :	SW-P287	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 17:01:23	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3.68	5.61	3.63	4.31	26.22	ppb
Uranium	238-1	0.04	0.04	0.04	0.04	5.84	ppb
Vanadium	51-2	0.88	0.85	0.76	0.83	7.71	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	31.34	30.68	30.93	30.98	1.07	ppb
Zirconium	90-1	0.08	0.11	0.09	0.09	15.97	ppb
Zirconium	91-1	0.05	0.11	0.07	0.08	42.04	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	M4530-01ARE	Instrumnet Name :	P8
Client Sample ID :	SW-P287A	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 17:04:24	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9727.90	9750.26	9657.82	9712.00	0.50	ppb
Antimony	121-1	488.59	708.69	631.16	609.48	18.32	ppb
Arsenic	75-2	537.98	536.75	532.58	535.77	0.53	ppb
Barium	135-1	2375.25	3439.60	3071.43	2962.09	18.25	ppb
Barium	137-1	2389.16	3472.00	3031.08	2964.08	18.37	ppb
Beryllium	9-1	497.95	679.08	621.94	599.66	15.44	ppb
Bismuth	209-1				84		%
Bismuth	209-2				91		%
Boron	10-1	450.11	651.86	619.05	573.67	18.87	ppb
Boron	11-1	494.09	696.68	664.61	618.46	17.61	ppb
Bromine	81-1						cps
Cadmium	111-1	481.36	715.85	632.98	610.06	19.49	ppb
Cadmium	106-1	472.14	711.21	616.85	600.07	20.07	ppb
Cadmium	108-1	462.37	681.30	591.06	578.24	19.03	ppb
Calcium	43-1	62602.83	92487.55	82790.55	79293.64	19.23	ppb
Calcium	44-1	61962.78	91623.21	80161.76	77915.91	19.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	525.51	511.18	516.71	517.80	1.40	ppb
Cobalt	59-2	539.79	514.00	513.84	522.54	2.86	ppb
Copper	63-2	5457.30	5374.40	5243.39	5358.36	2.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				85		%
Holmium	165-2				93		%
Indium	115-1				82		%
Indium	115-2				88		%
Iron	54-2	30393.64	29871.30	29474.15	29913.03	1.54	ppb
Iron	56-2	29419.49	28864.94	28231.14	28838.53	2.06	ppb
Iron	57-2	29436.61	29213.61	27493.93	28714.72	3.70	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	M4530-01ARE	Instrumnet Name :	P8
Client Sample ID :	SW-P287A	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 17:04:24	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2318.25	3601.58	3097.10	3005.64	21.51	ppb
Lead	207-1	2320.13	3510.54	3079.22	2969.96	20.29	ppb
Lead	208-1	2351.70	3527.97	3085.37	2988.35	19.88	ppb
Lithium	6-1				87		%
Magnesium	24-2	55050.50	55273.30	55001.99	55108.59	0.26	ppb
Manganese	55-2	6058.80	5913.20	5883.47	5951.82	1.58	ppb
Molybdenum	94-1	2878.64	4441.50	3687.24	3669.13	21.30	ppb
Molybdenum	95-1	2349.52	3668.84	3044.39	3020.92	21.85	ppb
Molybdenum	96-1	2375.93	3787.16	3120.17	3094.42	22.81	ppb
Molybdenum	97-1	2326.63	3751.01	3047.84	3041.83	23.41	ppb
Molybdenum	98-1	2410.65	3747.97	3013.65	3057.42	21.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	524.36	511.51	510.00	515.29	1.53	ppb
Phosphorus	31-2	160.69	168.82	115.79	148.43	19.24	ppb
Potassium	39-2	29432.33	29075.37	28424.09	28977.26	1.76	ppb
Rhodium	103-1				80		%
Rhodium	103-2				90		%
Scandium	45-1				82		%
Scandium	45-2				92		%
Selenium	82-1	489.09	745.55	632.59	622.41	20.65	ppb
Selenium	77-2	528.91	572.72	503.88	535.17	6.51	ppb
Selenium	78-2	524.74	528.45	539.07	530.76	1.40	ppb
Silicon	28-1	4002.71	5957.93	5249.38	5070.01	19.52	ppb
Silver	107-1	137.43	210.33	169.16	172.31	21.21	ppb
Silver	109-1	231.38	244.57	280.91	252.28	10.17	ppb
Sodium	23-2	65182.95	64680.01	64182.67	64681.88	0.77	ppb
Strontium	86-1	4912.57	7577.44	6184.64	6224.88	21.41	ppb
Strontium	88-1	4986.78	7482.04	6241.77	6236.86	20.00	ppb
Sulfur	34-1	7652.19	16566.09	13393.15	12537.14	36.04	ppb
Terbium	159-1				87		%
Terbium	159-2				96		%
Thallium	203-1	477.26	736.07	616.72	610.02	21.23	ppb
Thallium	205-1	483.48	725.50	620.73	609.90	19.90	ppb
Tin	118-1	474.01	718.83	615.55	602.80	20.39	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	M4530-01ARE	Instrumnet Name :	P8
Client Sample ID :	SW-P287A	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 17:04:24	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2352.31	3499.03	3104.44	2985.26	19.52	ppb
Uranium	238-1	480.26	722.69	622.22	608.39	20.02	ppb
Vanadium	51-2	513.13	510.06	508.25	510.48	0.48	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				79		%
Yttrium	89-2				91		%
Zinc	66-2	5545.83	5589.49	5433.58	5522.97	1.46	ppb
Zirconium	90-1	472.25	706.82	598.77	592.61	19.81	ppb
Zirconium	91-1	470.75	701.95	594.80	589.17	19.64	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	M4530-01MS	Instrumnet Name :	P8
Client Sample ID :	SW-P287MS	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 17:07:17	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9557.84	9664.88	9696.13	9639.61	0.75	ppb
Antimony	121-1	489.80	510.62	524.95	508.46	3.48	ppb
Arsenic	75-2	531.69	523.80	523.29	526.26	0.89	ppb
Barium	135-1	2456.80	2513.36	2660.20	2543.46	4.13	ppb
Barium	137-1	2455.85	2478.07	2634.17	2522.70	3.85	ppb
Beryllium	9-1	504.29	517.23	529.74	517.09	2.46	ppb
Bismuth	209-1				97		%
Bismuth	209-2				94		%
Boron	10-1	487.92	518.48	540.21	515.54	5.10	ppb
Boron	11-1	530.65	558.59	578.69	555.98	4.34	ppb
Bromine	81-1						cps
Cadmium	111-1	503.51	503.76	522.09	509.79	2.09	ppb
Cadmium	106-1	499.92	500.75	524.50	508.39	2.75	ppb
Cadmium	108-1	473.10	496.94	508.20	492.75	3.64	ppb
Calcium	43-1	63844.97	66124.19	63393.54	64454.23	2.27	ppb
Calcium	44-1	60803.21	63778.11	63636.39	62739.24	2.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	496.42	510.05	516.26	507.58	2.00	ppb
Cobalt	59-2	516.42	519.27	507.24	514.31	1.22	ppb
Copper	63-2	5323.88	5367.28	5461.74	5384.30	1.31	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				96		%
Indium	115-1				96		%
Indium	115-2				90		%
Iron	54-2	28744.74	29076.70	29288.74	29036.73	0.94	ppb
Iron	56-2	28858.23	28382.09	28755.41	28665.24	0.87	ppb
Iron	57-2	28282.07	28728.12	28177.53	28395.91	1.03	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	M4530-01MS	Instrumnet Name :	P8
Client Sample ID :	SW-P287MS	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 17:07:17	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2659.20	2541.15	2648.04	2616.13	2.49	ppb
Lead	207-1	2565.51	2555.16	2600.75	2573.80	0.93	ppb
Lead	208-1	2500.27	2529.53	2595.55	2541.78	1.92	ppb
Lithium	6-1				103		%
Magnesium	24-2	53064.87	54615.78	53528.37	53736.34	1.48	ppb
Manganese	55-2	5889.91	5830.02	5992.31	5904.08	1.39	ppb
Molybdenum	94-1	2833.09	2948.42	3002.43	2927.98	2.95	ppb
Molybdenum	95-1	2364.50	2458.06	2558.20	2460.25	3.94	ppb
Molybdenum	96-1	2397.53	2481.12	2612.90	2497.18	4.35	ppb
Molybdenum	97-1	2346.08	2380.37	2520.41	2415.62	3.82	ppb
Molybdenum	98-1	2378.21	2417.54	2515.50	2437.08	2.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	511.74	513.35	512.03	512.37	0.17	ppb
Phosphorus	31-2	150.51	156.33	159.36	155.40	2.89	ppb
Potassium	39-2	27678.18	29155.39	28554.74	28462.77	2.61	ppb
Rhodium	103-1				94		%
Rhodium	103-2				92		%
Scandium	45-1				98		%
Scandium	45-2				94		%
Selenium	82-1	486.71	504.88	518.28	503.29	3.15	ppb
Selenium	77-2	531.36	505.98	492.94	510.09	3.83	ppb
Selenium	78-2	519.57	508.71	495.46	507.91	2.38	ppb
Silicon	28-1	3923.37	4350.19	4173.96	4149.17	5.17	ppb
Silver	107-1	179.18	252.73	235.23	222.38	17.28	ppb
Silver	109-1	170.16	217.59	283.58	223.77	25.45	ppb
Sodium	23-2	63378.42	65310.11	64509.23	64399.25	1.51	ppb
Strontium	86-1	4779.39	4992.07	5122.74	4964.73	3.49	ppb
Strontium	88-1	4790.53	5036.38	5110.68	4979.19	3.37	ppb
Sulfur	34-1	7236.91	8436.97	7973.08	7882.32	7.68	ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	531.01	529.37	544.13	534.84	1.51	ppb
Thallium	205-1	537.62	518.56	537.01	531.06	2.04	ppb
Tin	118-1	479.81	487.33	521.75	496.30	4.51	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	M4530-01MS	Instrumnet Name :	P8
Client Sample ID :	SW-P287MS	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 17:07:17	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2375.64	2504.23	2482.09	2453.99	2.80	ppb
Uranium	238-1	506.52	498.53	514.20	506.42	1.55	ppb
Vanadium	51-2	502.55	510.62	519.05	510.74	1.62	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				94		%
Zinc	66-2	5500.98	5474.41	5504.39	5493.26	0.30	ppb
Zirconium	90-1	458.46	481.21	489.31	476.33	3.36	ppb
Zirconium	91-1	472.63	483.12	504.64	486.80	3.35	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	M4530-01MSD	Instrumnet Name :	P8
Client Sample ID :	SW-P287MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 17:10:18	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9636.21	9443.78	9585.77	9555.25	1.04	ppb
Antimony	121-1	523.42	541.77	507.41	524.20	3.28	ppb
Arsenic	75-2	534.80	524.51	538.61	532.64	1.37	ppb
Barium	135-1	2598.09	2642.89	2526.98	2589.32	2.26	ppb
Barium	137-1	2549.26	2607.80	2518.07	2558.38	1.78	ppb
Beryllium	9-1	516.35	513.92	501.72	510.66	1.54	ppb
Bismuth	209-1				94		%
Bismuth	209-2				93		%
Boron	10-1	514.98	547.69	539.55	534.07	3.19	ppb
Boron	11-1	556.83	589.95	580.27	575.68	2.96	ppb
Bromine	81-1						cps
Cadmium	111-1	519.85	534.65	507.24	520.58	2.64	ppb
Cadmium	106-1	509.40	535.69	492.79	512.63	4.22	ppb
Cadmium	108-1	502.01	532.11	487.63	507.25	4.47	ppb
Calcium	43-1	65729.89	66614.68	68360.85	66901.81	2.00	ppb
Calcium	44-1	64943.82	64257.27	65505.96	64902.35	0.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	509.48	498.43	492.38	500.10	1.73	ppb
Cobalt	59-2	510.29	499.42	513.17	507.63	1.43	ppb
Copper	63-2	5443.63	5342.62	5237.54	5341.26	1.93	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				99		%
Holmium	165-2				97		%
Indium	115-1				95		%
Indium	115-2				90		%
Iron	54-2	29281.87	27983.80	28617.64	28627.77	2.27	ppb
Iron	56-2	29071.44	27821.11	28798.83	28563.79	2.30	ppb
Iron	57-2	28207.74	27871.62	28141.92	28073.76	0.63	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	M4530-01MSD	Instrumnet Name :	P8
Client Sample ID :	SW-P287MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 17:10:18	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2483.36	2543.43	2679.46	2568.75	3.91	ppb
Lead	207-1	2577.01	2445.90	2627.61	2550.17	3.68	ppb
Lead	208-1	2530.45	2480.23	2616.52	2542.40	2.71	ppb
Lithium	6-1				102		%
Magnesium	24-2	53614.63	55171.90	53789.01	54191.85	1.57	ppb
Manganese	55-2	5957.55	5658.95	5866.05	5827.52	2.63	ppb
Molybdenum	94-1	2996.69	2913.38	3108.17	3006.08	3.25	ppb
Molybdenum	95-1	2466.39	2453.16	2603.44	2507.67	3.32	ppb
Molybdenum	96-1	2526.51	2497.25	2623.06	2548.94	2.58	ppb
Molybdenum	97-1	2514.28	2412.10	2523.28	2483.22	2.49	ppb
Molybdenum	98-1	2474.73	2422.45	2583.37	2493.52	3.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	509.63	497.26	507.33	504.74	1.30	ppb
Phosphorus	31-2	164.34	151.78	102.31	139.48	23.51	ppb
Potassium	39-2	28452.27	28725.89	28226.54	28468.23	0.88	ppb
Rhodium	103-1				93		%
Rhodium	103-2				91		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	82-1	518.16	500.97	519.73	512.95	2.03	ppb
Selenium	77-2	499.52	525.38	506.99	510.63	2.61	ppb
Selenium	78-2	523.78	506.38	520.74	516.97	1.80	ppb
Silicon	28-1	4208.92	4311.58	4436.70	4319.07	2.64	ppb
Silver	107-1	214.60	299.66	151.56	221.94	33.49	ppb
Silver	109-1	437.69	225.34	153.70	272.24	54.25	ppb
Sodium	23-2	64562.20	65438.27	63943.33	64647.93	1.16	ppb
Strontium	86-1	5067.92	5171.28	5174.63	5137.95	1.18	ppb
Strontium	88-1	5207.17	5120.72	5266.51	5198.13	1.41	ppb
Sulfur	34-1	8098.63	7998.42	8902.50	8333.18	5.95	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	512.70	515.41	549.12	525.74	3.86	ppb
Thallium	205-1	507.59	515.44	541.77	521.60	3.43	ppb
Tin	118-1	516.48	541.71	498.46	518.88	4.19	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	M4530-01MSD	Instrumnet Name :	P8
Client Sample ID :	SW-P287MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 17:10:18	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2533.25	2491.80	2565.23	2530.09	1.46	ppb
Uranium	238-1	501.33	517.43	521.84	513.54	2.10	ppb
Vanadium	51-2	503.24	500.96	502.43	502.21	0.23	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				94		%
Yttrium	89-2				93		%
Zinc	66-2	5484.65	5321.36	5384.19	5396.73	1.53	ppb
Zirconium	90-1	487.08	476.45	489.30	484.27	1.42	ppb
Zirconium	91-1	496.63	474.44	507.07	492.71	3.38	ppb

LB Number : LB117242 Operator : Jaswal
 Lab Sample ID : PB140541BS Instrumnet Name : P8
 Client Sample ID : PB140541BS Dilution Factor : 1
 Date & Time Acquired :: 2021-11-08 17:13:12 DataFile Name : 033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10032.11	9608.81	9619.05	9753.33	2.48	ppb
Antimony	121-1	495.59	500.59	523.83	506.67	2.97	ppb
Arsenic	75-2	501.32	497.06	498.55	498.98	0.43	ppb
Barium	135-1	2491.34	2411.39	2524.06	2475.60	2.34	ppb
Barium	137-1	2440.97	2385.76	2566.53	2464.42	3.76	ppb
Beryllium	9-1	493.29	496.00	526.82	505.37	3.69	ppb
Bismuth	209-1				105		%
Bismuth	209-2				98		%
Boron	10-1	498.37	518.29	541.73	519.46	4.18	ppb
Boron	11-1	526.30	552.51	582.87	553.89	5.11	ppb
Bromine	81-1						cps
Cadmium	111-1	493.89	514.52	527.21	511.87	3.29	ppb
Cadmium	106-1	500.16	520.25	510.06	510.15	1.97	ppb
Cadmium	108-1	492.28	494.10	538.17	508.18	5.11	ppb
Calcium	43-1	53174.49	49478.02	51683.00	51445.17	3.61	ppb
Calcium	44-1	50361.95	49867.58	49282.07	49837.20	1.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	502.22	494.06	491.48	495.92	1.13	ppb
Cobalt	59-2	520.77	493.97	500.91	505.22	2.75	ppb
Copper	63-2	4867.73	4821.01	4861.08	4849.94	0.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				99		%
Indium	115-1				104		%
Indium	115-2				95		%
Iron	54-2	25996.31	25915.72	26084.42	25998.82	0.32	ppb
Iron	56-2	25779.64	25521.02	25326.44	25542.37	0.89	ppb
Iron	57-2	25172.30	24798.84	24785.39	24918.84	0.88	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	PB140541BS	Instrumnet Name :	P8
Client Sample ID :	PB140541BS	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 17:13:12	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2517.73	2490.61	2543.12	2517.15	1.04	ppb
Lead	207-1	2453.63	2387.15	2514.75	2451.84	2.60	ppb
Lead	208-1	2511.94	2425.62	2481.30	2472.95	1.77	ppb
Lithium	6-1				107		%
Magnesium	24-2	50962.60	49848.44	49250.57	50020.53	1.74	ppb
Manganese	55-2	4939.39	4913.61	4844.87	4899.29	1.00	ppb
Molybdenum	94-1	5395.47	5484.13	5413.52	5431.04	0.86	ppb
Molybdenum	95-1	5503.72	5551.75	5614.73	5556.73	1.00	ppb
Molybdenum	96-1	5459.63	5530.59	5566.44	5518.89	0.98	ppb
Molybdenum	97-1	5499.29	5562.82	5500.93	5521.01	0.66	ppb
Molybdenum	98-1	5450.01	5702.79	5460.34	5537.72	2.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.53	487.39	492.69	494.87	1.77	ppb
Phosphorus	31-2	9885.56	9994.53	9617.37	9832.49	1.97	ppb
Potassium	39-2	24645.51	23944.48	24159.75	24249.92	1.48	ppb
Rhodium	103-1				101		%
Rhodium	103-2				96		%
Scandium	45-1				106		%
Scandium	45-2				98		%
Selenium	82-1	500.89	515.72	499.59	505.40	1.77	ppb
Selenium	77-2	484.91	540.56	534.50	519.99	5.87	ppb
Selenium	78-2	507.10	510.21	500.31	505.87	1.00	ppb
Silicon	28-1	534.61	598.66	600.02	577.77	6.47	ppb
Silver	107-1	495.44	510.71	535.42	513.86	3.93	ppb
Silver	109-1	515.57	501.75	534.60	517.31	3.19	ppb
Sodium	23-2	50132.39	48959.56	49067.34	49386.43	1.31	ppb
Strontium	86-1	4994.14	5156.58	4974.52	5041.75	1.98	ppb
Strontium	88-1	4995.33	5223.62	5042.70	5087.22	2.37	ppb
Sulfur	34-1	8112.59	9251.30	8907.87	8757.25	6.67	ppb
Terbium	159-1				108		%
Terbium	159-2				100		%
Thallium	203-1	515.17	502.86	511.56	509.87	1.24	ppb
Thallium	205-1	504.97	491.50	503.95	500.14	1.50	ppb
Tin	118-1	500.21	507.43	518.49	508.71	1.81	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	PB140541BS	Instrumnet Name :	P8
Client Sample ID :	PB140541BS	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 17:13:12	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5402.26	5465.97	5490.43	5452.88	0.83	ppb
Uranium	238-1	486.98	479.29	469.34	478.54	1.85	ppb
Vanadium	51-2	504.49	483.85	483.00	490.45	2.48	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				97		%
Zinc	66-2	5020.96	4932.76	4909.27	4954.33	1.19	ppb
Zirconium	90-1	495.13	492.69	488.15	491.99	0.72	ppb
Zirconium	91-1	497.70	514.45	499.14	503.77	1.84	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	PB140541BL	Instrumnet Name :	P8
Client Sample ID :	PB140541BL	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 17:21:51	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.03	0.39	0.84	0.40	109.60	ppb
Antimony	121-1	0.05	0.06	0.08	0.06	30.28	ppb
Arsenic	75-2	-0.02	0.03	0.03	0.01	273.41	ppb
Barium	135-1	0.06	0.03	0.04	0.04	32.39	ppb
Barium	137-1	0.03	0.05	0.02	0.03	35.16	ppb
Beryllium	9-1	0.04	0.05	0.04	0.04	15.08	ppb
Bismuth	209-1				97		%
Bismuth	209-2				94		%
Boron	10-1	30.37	30.75	31.17	30.76	1.30	ppb
Boron	11-1	33.23	31.49	32.60	32.44	2.73	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.23	-0.26	-0.28	-0.25		ppb
Cadmium	106-1	-2.88	-3.38	-3.69	-3.32		ppb
Cadmium	108-1	-0.04	0.14	-0.03	0.03	409.78	ppb
Calcium	43-1	0.97	1.52	2.09	1.52	36.82	ppb
Calcium	44-1	9.73	8.94	7.92	8.86	10.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	-0.01	0.01	0.00	242.45	ppb
Cobalt	59-2	0.00	0.01	0.01	0.01	86.04	ppb
Copper	63-2	0.08	0.09	0.07	0.08	10.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				94		%
Indium	115-1				96		%
Indium	115-2				91		%
Iron	54-2	0.84	-0.06	0.06	0.28	175.95	ppb
Iron	56-2	0.65	0.59	0.52	0.59	11.16	ppb
Iron	57-2	0.87	1.56	1.18	1.21	28.72	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	PB140541BL	Instrumnet Name :	P8
Client Sample ID :	PB140541BL	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 17:21:51	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.14	0.16	0.14	0.15	10.26	ppb
Lead	207-1	0.11	0.14	0.10	0.12	15.72	ppb
Lead	208-1	0.13	0.15	0.13	0.14	9.00	ppb
Lithium	6-1				96		%
Magnesium	24-2	1.34	1.01	2.67	1.67	52.65	ppb
Manganese	55-2	0.06	0.06	0.05	0.06	12.59	ppb
Molybdenum	94-1	0.16	0.09	0.13	0.13	26.39	ppb
Molybdenum	95-1	0.18	0.15	0.11	0.15	23.96	ppb
Molybdenum	96-1	0.20	0.10	0.10	0.13	46.24	ppb
Molybdenum	97-1	0.18	0.13	0.12	0.14	22.93	ppb
Molybdenum	98-1	0.16	0.11	0.12	0.13	18.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.02	-0.03	-0.03		ppb
Phosphorus	31-2	-14.07	-7.67	-24.08	-15.27		ppb
Potassium	39-2	14.25	11.86	10.87	12.32	14.10	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				95		%
Scandium	45-2				91		%
Selenium	82-1	-1.71	-0.13	-1.33	-1.06		ppb
Selenium	77-2	1.90	0.29	-0.45	0.58	207.61	ppb
Selenium	78-2	2.45	-0.18	-0.24	0.68	226.09	ppb
Silicon	28-1	1.25	0.15	2.40	1.26	88.99	ppb
Silver	107-1	0.13	0.14	0.13	0.13	6.06	ppb
Silver	109-1	0.14	0.12	0.13	0.13	6.59	ppb
Sodium	23-2	23.29	22.45	20.25	22.00	7.15	ppb
Strontium	86-1	0.26	0.51	0.31	0.36	36.88	ppb
Strontium	88-1	0.12	0.11	0.09	0.11	15.35	ppb
Sulfur	34-1	-1599.47	-1596.70	-1429.85	-1542.01		ppb
Terbium	159-1				99		%
Terbium	159-2				93		%
Thallium	203-1	-0.02	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.01	-0.02	0.02	0.00		ppb
Tin	118-1	0.00	0.00	0.02	0.00	214.14	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	PB140541BL	Instrumnet Name :	P8
Client Sample ID :	PB140541BL	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 17:21:51	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.15	0.09	0.15	0.13	26.19	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	21.87	ppb
Vanadium	51-2	0.02	0.01	0.01	0.02	33.59	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				93		%
Yttrium	89-2				91		%
Zinc	66-2	0.20	0.25	0.25	0.23	13.13	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	321.32	ppb
Zirconium	91-1	0.01	-0.01	0.01	0.00	272.34	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	M4530-01A	Instrumnet Name :	P8
Client Sample ID :	SW-P287A	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 17:26:24	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9579.66	9508.16	9983.15	9690.32	2.64	ppb
Antimony	121-1	521.63	518.34	531.83	523.94	1.34	ppb
Arsenic	75-2	532.20	517.08	553.73	534.34	3.45	ppb
Barium	135-1	2613.39	2552.58	2631.92	2599.30	1.60	ppb
Barium	137-1	2585.77	2489.13	2619.99	2564.96	2.65	ppb
Beryllium	9-1	524.15	504.19	520.82	516.39	2.07	ppb
Bismuth	209-1				93		%
Bismuth	209-2				89		%
Boron	10-1	455.46	484.88	534.20	491.51	8.09	ppb
Boron	11-1	498.37	527.12	577.69	534.39	7.51	ppb
Bromine	81-1						cps
Cadmium	111-1	522.35	512.62	533.49	522.82	2.00	ppb
Cadmium	106-1	530.94	508.33	528.59	522.62	2.38	ppb
Cadmium	108-1	514.21	491.42	532.07	512.57	3.98	ppb
Calcium	43-1	64761.08	65742.50	65686.66	65396.74	0.84	ppb
Calcium	44-1	65077.43	63946.72	65108.57	64710.90	1.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	498.33	487.73	518.32	501.46	3.10	ppb
Cobalt	59-2	511.11	513.87	540.07	521.68	3.06	ppb
Copper	63-2	5431.55	5231.70	5773.93	5479.06	5.00	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				95		%
Holmium	165-2				92		%
Indium	115-1				92		%
Indium	115-2				88		%
Iron	54-2	30243.76	29072.33	30955.69	30090.59	3.16	ppb
Iron	56-2	29133.48	29508.11	30031.13	29557.57	1.53	ppb
Iron	57-2	29010.40	28958.62	28950.30	28973.11	0.11	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	M4530-01A	Instrumnet Name :	P8
Client Sample ID :	SW-P287A	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 17:26:24	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2586.64	2583.57	2559.76	2576.66	0.57	ppb
Lead	207-1	2556.98	2568.42	2497.58	2540.99	1.50	ppb
Lead	208-1	2565.10	2561.45	2494.69	2540.41	1.56	ppb
Lithium	6-1				97		%
Magnesium	24-2	55380.82	52777.30	57243.17	55133.76	4.07	ppb
Manganese	55-2	6096.10	5911.19	6172.42	6059.90	2.22	ppb
Molybdenum	94-1	2916.99	2952.02	2973.41	2947.47	0.97	ppb
Molybdenum	95-1	2472.94	2382.64	2503.59	2453.06	2.56	ppb
Molybdenum	96-1	2509.13	2467.96	2522.86	2499.99	1.14	ppb
Molybdenum	97-1	2520.21	2451.40	2459.79	2477.13	1.52	ppb
Molybdenum	98-1	2558.63	2422.96	2471.57	2484.39	2.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	519.80	501.75	540.55	520.70	3.73	ppb
Phosphorus	31-2	131.09	159.63	177.57	156.10	15.02	ppb
Potassium	39-2	28356.09	27990.08	30029.90	28792.02	3.78	ppb
Rhodium	103-1				91		%
Rhodium	103-2				89		%
Scandium	45-1				92		%
Scandium	45-2				91		%
Selenium	82-1	518.60	507.46	514.12	513.39	1.09	ppb
Selenium	77-2	529.92	523.46	543.17	532.18	1.89	ppb
Selenium	78-2	524.86	503.12	535.38	521.12	3.16	ppb
Silicon	28-1	4284.46	4191.97	4366.28	4280.90	2.04	ppb
Silver	107-1	296.27	421.53	621.40	446.40	36.73	ppb
Silver	109-1	564.70	489.22	511.77	521.90	7.42	ppb
Sodium	23-2	64983.21	64016.71	69402.33	66134.08	4.34	ppb
Strontium	86-1	5133.95	4982.36	5082.45	5066.26	1.52	ppb
Strontium	88-1	5153.35	4993.97	5156.20	5101.17	1.82	ppb
Sulfur	34-1	8768.67	8620.40	8767.35	8718.81	0.98	ppb
Terbium	159-1				95		%
Terbium	159-2				94		%
Thallium	203-1	519.05	521.83	530.86	523.91	1.18	ppb
Thallium	205-1	506.49	525.54	502.91	511.65	2.38	ppb
Tin	118-1	522.87	503.76	522.37	516.33	2.11	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	M4530-01A	Instrumnet Name :	P8
Client Sample ID :	SW-P287A	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 17:26:24	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2574.37	2537.82	2567.13	2559.77	0.76	ppb
Uranium	238-1	519.80	522.76	508.96	517.17	1.41	ppb
Vanadium	51-2	516.70	501.97	536.04	518.24	3.30	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				92		%
Yttrium	89-2				90		%
Zinc	66-2	5490.43	5289.74	5959.69	5579.95	6.16	ppb
Zirconium	90-1	480.58	486.46	482.55	483.20	0.62	ppb
Zirconium	91-1	485.46	487.62	510.81	494.63	2.84	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	CCV92	Instrumnet Name :	P8
Client Sample ID :	CCV92	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 17:33:41	DataFile Name :	036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47367.09	50503.63	50475.26	49448.66	3.65	ppb
Antimony	121-1	511.45	513.10	501.93	508.83	1.18	ppb
Arsenic	75-2	524.50	530.36	541.64	532.17	1.64	ppb
Barium	135-1	2539.28	2572.28	2529.53	2547.03	0.88	ppb
Barium	137-1	2546.14	2641.90	2521.10	2569.71	2.48	ppb
Beryllium	9-1	499.47	492.55	494.33	495.45	0.72	ppb
Bismuth	209-1				95		%
Bismuth	209-2				87		%
Boron	10-1	466.19	487.99	494.04	482.74	3.03	ppb
Boron	11-1	494.51	515.20	527.66	512.46	3.27	ppb
Bromine	81-1						cps
Cadmium	111-1	497.60	486.61	491.57	491.92	1.12	ppb
Cadmium	106-1	488.82	489.49	483.85	487.38	0.63	ppb
Cadmium	108-1	501.87	496.57	485.70	494.71	1.67	ppb
Calcium	43-1	252365.62	241735.73	244072.34	246057.90	2.27	ppb
Calcium	44-1	256989.54	244916.35	243161.65	248355.85	3.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	472.95	486.05	478.70	479.23	1.37	ppb
Cobalt	59-2	498.44	527.51	516.22	514.06	2.85	ppb
Copper	63-2	4790.02	4947.33	4969.93	4902.43	2.00	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				100		%
Holmium	165-2				94		%
Indium	115-1				94		%
Indium	115-2				87		%
Iron	54-2	122356.26	124257.98	122993.92	123202.72	0.79	ppb
Iron	56-2	123126.53	128918.21	124516.02	125520.25	2.41	ppb
Iron	57-2	120245.74	124377.42	121858.98	122160.71	1.70	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	CCV92	Instrumnet Name :	P8
Client Sample ID :	CCV92	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 17:33:41	DataFile Name :	036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2504.10	2624.14	2493.99	2540.74	2.85	ppb
Lead	207-1	2498.11	2572.41	2411.96	2494.16	3.22	ppb
Lead	208-1	2477.11	2573.66	2426.10	2492.29	3.01	ppb
Lithium	6-1				101		%
Magnesium	24-2	241672.21	247600.38	248617.43	245963.34	1.52	ppb
Manganese	55-2	4862.68	5141.16	5049.48	5017.77	2.83	ppb
Molybdenum	94-1	5480.72	5440.49	5273.49	5398.23	2.04	ppb
Molybdenum	95-1	5529.34	5456.50	5507.52	5497.79	0.68	ppb
Molybdenum	96-1	5532.26	5465.04	5473.50	5490.27	0.67	ppb
Molybdenum	97-1	5428.82	5446.90	5488.21	5454.64	0.56	ppb
Molybdenum	98-1	5470.41	5444.41	5507.46	5474.09	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	491.50	509.10	495.04	498.55	1.87	ppb
Phosphorus	31-2	9442.35	10239.20	10100.85	9927.47	4.29	ppb
Potassium	39-2	117918.68	120491.90	120587.40	119665.99	1.27	ppb
Rhodium	103-1				91		%
Rhodium	103-2				87		%
Scandium	45-1				96		%
Scandium	45-2				92		%
Selenium	82-1	516.65	518.85	509.69	515.07	0.93	ppb
Selenium	77-2	531.85	549.17	503.09	528.04	4.41	ppb
Selenium	78-2	515.51	516.99	533.04	521.85	1.86	ppb
Silicon	28-1	490.13	494.09	505.79	496.67	1.64	ppb
Silver	107-1	498.84	493.52	477.01	489.79	2.32	ppb
Silver	109-1	498.73	500.80	490.45	496.66	1.10	ppb
Sodium	23-2	240132.20	244753.35	248593.01	244492.85	1.73	ppb
Strontium	86-1	4956.45	4938.31	4932.23	4942.33	0.25	ppb
Strontium	88-1	5031.56	5006.98	4991.21	5009.92	0.41	ppb
Sulfur	34-1	9376.63	9426.28	9069.14	9290.68	2.08	ppb
Terbium	159-1				99		%
Terbium	159-2				95		%
Thallium	203-1	491.34	527.78	509.91	509.68	3.58	ppb
Thallium	205-1	492.99	517.67	492.06	500.91	2.90	ppb
Tin	118-1	515.49	514.09	501.82	510.46	1.47	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	CCV92	Instrumnet Name :	P8
Client Sample ID :	CCV92	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 17:33:41	DataFile Name :	036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5617.55	5501.24	5538.32	5552.37	1.07	ppb
Uranium	238-1	501.90	507.30	495.09	501.43	1.22	ppb
Vanadium	51-2	482.00	494.06	488.51	488.19	1.24	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				91		%
Zinc	66-2	4739.70	4897.66	4952.13	4863.16	2.27	ppb
Zirconium	90-1	485.82	479.25	488.22	484.43	0.96	ppb
Zirconium	91-1	499.50	493.50	475.66	489.55	2.53	ppb

LB Number : LB117242 Operator : Jaswal
 Lab Sample ID : CCB92 Instrumnet Name : P8
 Client Sample ID : CCB92 Dilution Factor : 1
 Date & Time Acquired :: 2021-11-08 17:39:43 DataFile Name : 037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.15	0.30	0.49	0.32	53.59	ppb
Antimony	121-1	0.08	0.09	0.17	0.11	42.95	ppb
Arsenic	75-2	0.00	-0.03	-0.02	-0.01		ppb
Barium	135-1	0.09	0.07	0.03	0.07	50.08	ppb
Barium	137-1	0.07	0.06	0.06	0.06	13.20	ppb
Beryllium	9-1	0.06	0.05	0.04	0.05	16.72	ppb
Bismuth	209-1				95		%
Bismuth	209-2				95		%
Boron	10-1	29.06	28.70	28.60	28.79	0.84	ppb
Boron	11-1	31.01	29.98	30.69	30.56	1.72	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.28	-0.29	-0.28	-0.28		ppb
Cadmium	106-1	-3.54	-3.46	-3.45	-3.48		ppb
Cadmium	108-1	0.31	0.00	-0.08	0.08	265.19	ppb
Calcium	43-1	7.73	6.12	6.77	6.88	11.78	ppb
Calcium	44-1	16.58	11.64	17.44	15.22	20.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.02	0.01	0.01	290.09	ppb
Cobalt	59-2	0.00	0.01	0.00	0.01	57.25	ppb
Copper	63-2	0.06	0.09	0.08	0.08	16.12	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				94		%
Holmium	165-2				93		%
Indium	115-1				94		%
Indium	115-2				90		%
Iron	54-2	1.14	1.07	1.60	1.27	22.49	ppb
Iron	56-2	1.00	1.33	1.73	1.36	26.98	ppb
Iron	57-2	1.32	1.35	1.58	1.42	9.97	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	CCB92	Instrumnet Name :	P8
Client Sample ID :	CCB92	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 17:39:43	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.23	0.15	0.14	0.18	25.43	ppb
Lead	207-1	0.23	0.19	0.12	0.18	30.78	ppb
Lead	208-1	0.22	0.18	0.16	0.19	16.81	ppb
Lithium	6-1				96		%
Magnesium	24-2	1.67	2.09	4.51	2.76	55.62	ppb
Manganese	55-2	0.02	0.05	0.03	0.03	36.13	ppb
Molybdenum	94-1	0.31	0.26	0.21	0.26	18.44	ppb
Molybdenum	95-1	0.27	0.19	0.19	0.22	21.40	ppb
Molybdenum	96-1	0.24	0.17	0.19	0.20	17.59	ppb
Molybdenum	97-1	0.18	0.23	0.21	0.21	11.90	ppb
Molybdenum	98-1	0.25	0.22	0.16	0.21	20.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.06	-0.06	-0.04		ppb
Phosphorus	31-2	-11.80	-25.85	-14.02	-17.22		ppb
Potassium	39-2	17.50	20.00	18.92	18.80	6.66	ppb
Rhodium	103-1				92		%
Rhodium	103-2				93		%
Scandium	45-1				92		%
Scandium	45-2				90		%
Selenium	82-1	-1.12	-0.16	-1.50	-0.92		ppb
Selenium	77-2	0.30	0.33	-0.45	0.06	769.18	ppb
Selenium	78-2	0.58	0.98	1.29	0.95	37.15	ppb
Silicon	28-1	2.28	0.54	6.40	3.07	97.94	ppb
Silver	107-1	0.11	0.08	0.11	0.10	13.85	ppb
Silver	109-1	0.12	0.10	0.11	0.11	11.82	ppb
Sodium	23-2	33.24	34.05	32.11	33.13	2.93	ppb
Strontium	86-1	0.33	0.27	0.30	0.30	9.40	ppb
Strontium	88-1	0.17	0.15	0.14	0.15	9.97	ppb
Sulfur	34-1	-1172.03	-1532.98	-641.26	-1115.42		ppb
Terbium	159-1				95		%
Terbium	159-2				91		%
Thallium	203-1	0.00	-0.02	0.00	-0.01		ppb
Thallium	205-1	0.02	0.00	0.01	0.01	92.36	ppb
Tin	118-1	0.03	0.02	0.00	0.02	102.29	ppb

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	CCB92	Instrumnet Name :	P8
Client Sample ID :	CCB92	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 17:39:43	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.18	0.26	0.23	0.23	18.60	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	34.54	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	25.71	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				93		%
Yttrium	89-2				90		%
Zinc	66-2	0.40	0.36	0.29	0.35	15.53	ppb
Zirconium	90-1	0.02	0.01	0.02	0.02	10.78	ppb
Zirconium	91-1	0.01	0.00	0.04	0.02	97.08	ppb

LB Number : LB117242 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P8
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2021-11-08 15:14:23 DataFile Name : 003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	147	146	140	145	2.78	cps
Antimony	121-1	75	108	67	83	26.46	cps
Arsenic	75-2	11	16	14	14	18.41	cps
Barium	135-1	33	50	75	53	39.74	cps
Barium	137-1	75	83	100	86	14.78	cps
Beryllium	9-1	60	110	72	81	32.36	cps
Bismuth	209-1	5144083	5043819	5005492	5064465	1.41	cps
Bismuth	209-2	3004055	3555816	2897377	3152416	11.21	cps
Boron	10-1	312	342	354	336	6.44	cps
Boron	11-1	1758	1780	1808	1782	1.41	cps
Bromine	81-1	23193	24206	23393	23598	2.27	cps
Cadmium	111-1	3485	3671	3270	3475	5.78	cps
Cadmium	106-1	4059	4292	3826	4059	5.75	cps
Cadmium	108-1	50	46	58	51	12.39	cps
Calcium	43-1	365	331	342	346	4.96	cps
Calcium	44-1	51409	51235	51157	51267	0.25	cps
Carbon	12-1	6999173	6952254	7116998	7022808	1.21	cps
Carbon	12-2	65731	64584	66367	65561	1.38	cps
Chlorine	35-1	703702	697036	695521	698753	0.62	cps
Chlorine	35-2	4309	4301	4184	4265	1.64	cps
Chromium	52-2	883	817	830	843	4.18	cps
Cobalt	59-2	60	77	70	69	12.18	cps
Copper	63-2	817	847	770	811	4.76	cps
Dysprosium	156-1	17	25	0	14	91.65	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	42	67	33	47	36.74	cps
Erbium	164-2	20	23	37	27	33.08	cps
Gadolinium	160-1	83	42	67	64	32.83	cps
Gadolinium	160-2	83	53	73	70	21.82	cps
Holmium	165-1	9074746	9198086	9055102	9109311	0.85	cps
Holmium	165-2	4442182	5170055	4314617	4642285	9.94	cps
Indium	115-1	9318966	9040419	9117753	9159046	1.57	cps
Indium	115-2	1388755	1640664	1325695	1451705	11.48	cps
Iron	54-2	672	722	572	656	11.65	cps
Iron	56-2	3962	4134	3978	4025	2.36	cps
Iron	57-2	211	256	294	254	16.43	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 15:14:23	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	3260	3277	2894	3144	6.89	cps
Lead	206-1	467	583	483	511	12.35	cps
Lead	207-1	422	528	433	461	12.58	cps
Lead	208-1	1845	2089	2072	2002	6.82	cps
Lithium	6-1	4157283	4125701	4244830	4175938	1.48	cps
Magnesium	24-2	525	467	625	539	14.86	cps
Manganese	55-2	123	107	97	109	12.37	cps
Molybdenum	94-1	350	258	342	317	16.01	cps
Molybdenum	95-1	33	75	67	58	37.80	cps
Molybdenum	96-1	308	275	292	292	5.72	cps
Molybdenum	97-1	33	42	58	44	28.64	cps
Molybdenum	98-1	158	142	100	133	22.54	cps
Neodymium	150-1	0	7	20	9	114.55	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	143	167	173	161	9.78	cps
Phosphorus	31-2	142	117	158	139	15.10	cps
Potassium	39-2	22669	23136	22885	22896	1.02	cps
Rhodium	103-1	9138607	9305947	8959610	9134721	1.90	cps
Rhodium	103-2	4099455	4862507	3938796	4300253	11.48	cps
Scandium	45-1	7858357	7837811	7699274	7798481	1.11	cps
Scandium	45-2	240327	278435	229651	249471	10.28	cps
Selenium	82-1	300	240	619	386	52.75	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	70	67	58	65	9.61	cps
Silicon	28-1	866061	855775	854692	858843	0.73	cps
Silver	107-1	50	67	50	56	17.32	cps
Silver	109-1	33	25	25	28	17.31	cps
Sodium	23-2	19055	19213	19422	19230	0.96	cps
Strontium	86-1	4859	5026	4668	4851	3.70	cps
Strontium	88-1	267	233	250	250	6.67	cps
Sulfur	34-1	571658	569631	576958	572749	0.66	cps
Terbium	159-1	9770045	9365745	9645022	9593604	2.16	cps
Terbium	159-2	4432302	5092900	4140544	4555249	10.71	cps
Thallium	203-1	825	775	742	781	5.37	cps
Thallium	205-1	1967	1658	1617	1747	10.94	cps
Tin	118-1	1050	1292	1100	1147	11.12	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 15:14:23	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	283	383	267	311	20.28	cps
Uranium	238-1	25	42	8	25	66.68	cps
Vanadium	51-2	10	10	3	8	49.52	cps
Ytterbium	172-1	25	17	33	25	33.32	cps
Ytterbium	172-2	11	22	6	13	65.44	cps
Ytterbium	176-1	1075	958	1125	1053	8.12	cps
Ytterbium	176-2	5835	7058	5329	6074	14.63	cps
Yttrium	89-1	16314584	16448315	16735381	16499427	1.30	cps
Yttrium	89-2	1682475	1979993	1657981	1773483	10.11	cps
Zinc	66-2	200	193	210	201	4.17	cps
Zirconium	90-1	908	1100	1075	1028	10.14	cps
Zirconium	91-1	233	200	225	219	7.90	cps

LB Number : LB117242 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P8
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2021-11-08 15:20:33 DataFile Name : 005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1664	1644	1616	1641	1.45	cps
Antimony	121-1	15092	15468	14883	15148	1.95	cps
Arsenic	75-2	272	276	292	280	3.78	cps
Barium	135-1	19515	18071	19064	18883	3.91	cps
Barium	137-1	32732	31922	34161	32938	3.44	cps
Beryllium	9-1	2736	2758	2738	2744	0.44	cps
Bismuth	209-1	5062191	5089006	4964253	5038483	1.30	cps
Bismuth	209-2	3185143	3150097	3304594	3213278	2.52	cps
Boron	10-1	6846	7124	7663	7211	5.75	cps
Boron	11-1	31830	35161	35734	34242	6.16	cps
Bromine	81-1	23705	23664	22642	23337	2.58	cps
Cadmium	111-1	5612	5646	5659	5639	0.43	cps
Cadmium	106-1	4359	4267	4267	4298	1.23	cps
Cadmium	108-1	200	213	200	204	3.53	cps
Calcium	43-1	15871	16374	16341	16195	1.74	cps
Calcium	44-1	313425	309872	316138	313145	1.00	cps
Carbon	12-1	7005387	6914169	6860109	6926555	1.06	cps
Carbon	12-2	66133	65288	67288	66236	1.52	cps
Chlorine	35-1	643194	648612	653195	648334	0.77	cps
Chlorine	35-2	4326	4467	3967	4254	6.06	cps
Chromium	52-2	6458	6642	6702	6600	1.92	cps
Cobalt	59-2	5124	5334	5181	5213	2.08	cps
Copper	63-2	8849	9020	8809	8893	1.25	cps
Dysprosium	156-1	25	17	25	22	21.64	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	67	83	50	67	25.00	cps
Erbium	164-2	33	30	37	33	10.01	cps
Gadolinium	160-1	25	42	33	33	25.01	cps
Gadolinium	160-2	47	87	80	71	30.13	cps
Holmium	165-1	8901681	9400634	8935469	9079261	3.07	cps
Holmium	165-2	4673557	4603660	4816343	4697853	2.31	cps
Indium	115-1	9389188	9370781	9024715	9261561	2.22	cps
Indium	115-2	1474500	1461740	1561163	1499134	3.61	cps
Iron	54-2	6957	6857	6963	6926	0.86	cps
Iron	56-2	112871	114226	113430	113509	0.60	cps
Iron	57-2	2995	2834	2878	2902	2.87	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 15:20:33	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	3430	3204	3244	3293	3.68	cps
Lead	206-1	4957	4845	4629	4810	3.47	cps
Lead	207-1	4495	4090	4117	4234	5.35	cps
Lead	208-1	19956	19212	18995	19388	2.60	cps
Lithium	6-1	4175542	4428407	4256589	4286846	3.01	cps
Magnesium	24-2	113642	110200	108847	110896	2.23	cps
Manganese	55-2	1530	1477	1573	1527	3.17	cps
Molybdenum	94-1	20424	19998	19264	19895	2.95	cps
Molybdenum	95-1	25265	22711	23103	23693	5.81	cps
Molybdenum	96-1	26793	26384	26518	26565	0.79	cps
Molybdenum	97-1	14917	14324	14291	14511	2.43	cps
Molybdenum	98-1	35563	36515	36916	36332	1.91	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1657	1567	1557	1593	3.46	cps
Phosphorus	31-2	233	217	200	217	7.69	cps
Potassium	39-2	108658	106030	106206	106964	1.37	cps
Rhodium	103-1	9260693	9206077	9071188	9179319	1.06	cps
Rhodium	103-2	4395987	4311378	4644614	4450660	3.89	cps
Scandium	45-1	7906342	7918637	7789868	7871616	0.90	cps
Scandium	45-2	255690	252438	266204	258110	2.79	cps
Selenium	82-1	1007	1216	1099	1107	9.48	cps
Selenium	77-2	23	17	13	18	28.64	cps
Selenium	78-2	170	138	148	152	10.77	cps
Silicon	28-1	908989	924468	926389	919948	1.04	cps
Silver	107-1	9754	10354	10387	10165	3.51	cps
Silver	109-1	9270	9345	9929	9515	3.79	cps
Sodium	23-2	242083	238608	236549	239080	1.17	cps
Strontium	86-1	8319	8111	8053	8161	1.72	cps
Strontium	88-1	27394	27803	27444	27547	0.81	cps
Sulfur	34-1	575352	578647	564835	572945	1.26	cps
Terbium	159-1	9854959	9769320	9461013	9695097	2.14	cps
Terbium	159-2	4518217	4660391	4794664	4657757	2.97	cps
Thallium	203-1	6010	6644	6160	6271	5.28	cps
Thallium	205-1	14300	14425	14617	14447	1.11	cps
Tin	118-1	36266	35020	36608	35965	2.32	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 15:20:33	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	8695	8594	8594	8628	0.67	cps
Uranium	238-1	14959	15794	14742	15165	3.66	cps
Vanadium	51-2	11788	11355	11595	11579	1.88	cps
Ytterbium	172-1	17	67	25	36	74.18	cps
Ytterbium	172-2	0	22	0	7	173.21	cps
Ytterbium	176-1	992	1000	1050	1014	3.11	cps
Ytterbium	176-2	6218	6113	6452	6261	2.77	cps
Yttrium	89-1	16264141	16436490	16115790	16272140	0.99	cps
Yttrium	89-2	1812899	1756192	1888184	1819092	3.64	cps
Zinc	66-2	1177	1047	1247	1157	8.77	cps
Zirconium	90-1	16836	17745	18045	17542	3.59	cps
Zirconium	91-1	3859	3784	3767	3803	1.28	cps

LB Number : LB117242 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2021-11-08 15:23:38 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	72426	72031	71387	71948	0.73	cps
Antimony	121-1	379170	378888	388687	382248	1.46	cps
Arsenic	75-2	12695	12982	12639	12772	1.44	cps
Barium	135-1	472670	470241	480310	474407	1.11	cps
Barium	137-1	824397	808888	832033	821773	1.44	cps
Beryllium	9-1	130323	129943	130156	130141	0.15	cps
Bismuth	209-1	4975178	5191615	5036079	5067624	2.20	cps
Bismuth	209-2	2896549	2976893	3109846	2994429	3.60	cps
Boron	10-1	14398	14134	14997	14510	3.05	cps
Boron	11-1	66896	71237	73963	70699	5.04	cps
Bromine	81-1	22612	23213	22772	22866	1.36	cps
Cadmium	111-1	113003	113725	114348	113692	0.59	cps
Cadmium	106-1	15818	15810	15593	15740	0.81	cps
Cadmium	108-1	7636	7936	8236	7936	3.78	cps
Calcium	43-1	169495	167516	167051	168020	0.77	cps
Calcium	44-1	2788587	2706329	2797712	2764209	1.82	cps
Carbon	12-1	7451487	7573924	7418942	7481451	1.09	cps
Carbon	12-2	69532	70637	69590	69920	0.89	cps
Chlorine	35-1	672460	661555	659866	664627	1.03	cps
Chlorine	35-2	4217	3592	4026	3945	8.12	cps
Chromium	52-2	144088	143429	140438	142652	1.36	cps
Cobalt	59-2	251170	252665	252717	252184	0.35	cps
Copper	63-2	1955839	1951885	1976042	1961255	0.66	cps
Dysprosium	156-1	50	33	33	39	24.75	cps
Dysprosium	156-2	7	20	7	11	69.25	cps
Erbium	164-1	42	92	92	75	38.49	cps
Erbium	164-2	23	17	40	27	45.07	cps
Gadolinium	160-1	75	108	67	83	26.46	cps
Gadolinium	160-2	80	70	100	83	18.33	cps
Holmium	165-1	9302308	9147603	8964500	9138137	1.85	cps
Holmium	165-2	4350249	4443031	4624293	4472524	3.12	cps
Indium	115-1	9436830	8741197	9363190	9180405	4.16	cps
Indium	115-2	1333508	1376426	1435835	1381923	3.72	cps
Iron	54-2	309664	307100	309112	308625	0.44	cps
Iron	56-2	5593662	5602674	5440841	5545726	1.64	cps
Iron	57-2	138078	136054	134640	136257	1.27	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 15:23:38	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	3204	3384	3120	3236	4.16	cps
Lead	206-1	1111846	1081343	1091890	1095026	1.41	cps
Lead	207-1	984486	949309	959267	964354	1.88	cps
Lead	208-1	4565434	4456433	4555744	4525870	1.33	cps
Lithium	6-1	4342978	4462347	4205068	4336798	2.97	cps
Magnesium	24-2	1108233	1107354	1101720	1105769	0.32	cps
Manganese	55-2	691537	697782	675726	688349	1.65	cps
Molybdenum	94-1	1775181	1688488	1780655	1748108	2.96	cps
Molybdenum	95-1	2636613	2538532	2486881	2554009	2.98	cps
Molybdenum	96-1	2842431	2793701	2744662	2793598	1.75	cps
Molybdenum	97-1	1551702	1497489	1519193	1522794	1.79	cps
Molybdenum	98-1	4085131	3980227	3887863	3984407	2.48	cps
Neodymium	150-1	13	33	67	38	71.33	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	68970	69710	68996	69225	0.61	cps
Phosphorus	31-2	4151	3967	3967	4028	2.63	cps
Potassium	39-2	449219	443958	441955	445044	0.84	cps
Rhodium	103-1	9154336	9032609	9060953	9082633	0.70	cps
Rhodium	103-2	4049344	4123048	4354663	4175685	3.82	cps
Scandium	45-1	7900489	7606154	7946131	7817591	2.36	cps
Scandium	45-2	230764	236894	247279	238312	3.50	cps
Selenium	82-1	8739	8443	8662	8615	1.79	cps
Selenium	77-2	360	233	257	283	23.79	cps
Selenium	78-2	867	947	880	898	4.78	cps
Silicon	28-1	1254564	1293517	1312426	1286836	2.29	cps
Silver	107-1	550926	547524	557477	551975	0.92	cps
Silver	109-1	531212	520342	531311	527622	1.19	cps
Sodium	23-2	2224559	2166180	2167987	2186242	1.52	cps
Strontium	86-1	1634591	1587318	1566965	1596291	2.17	cps
Strontium	88-1	13677677	13047633	13108573	13277961	2.62	cps
Sulfur	34-1	626265	630466	634407	630379	0.65	cps
Terbium	159-1	9733127	9776772	10029375	9846425	1.62	cps
Terbium	159-2	4344052	4415988	4527322	4429121	2.08	cps
Thallium	203-1	275904	271393	286212	277836	2.73	cps
Thallium	205-1	658625	644366	653012	652001	1.10	cps
Tin	118-1	359334	342529	344137	348667	2.66	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 15:23:38	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	909684	871720	896075	892493	2.16	cps
Uranium	238-1	771682	752471	783739	769297	2.05	cps
Vanadium	51-2	116268	114578	114081	114975	1.00	cps
Ytterbium	172-1	25	67	25	39	61.86	cps
Ytterbium	172-2	0	6	28	11	132.26	cps
Ytterbium	176-1	2209	2259	2267	2245	1.41	cps
Ytterbium	176-2	5979	6535	6507	6341	4.94	cps
Yttrium	89-1	16665169	16147056	15932339	16248188	2.32	cps
Yttrium	89-2	1628023	1665937	1728478	1674146	3.03	cps
Zinc	66-2	204906	200518	200630	202018	1.24	cps
Zirconium	90-1	848269	845192	838639	844033	0.58	cps
Zirconium	91-1	188465	188651	188711	188609	0.07	cps

LB Number : LB117242 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2021-11-08 15:26:41 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	171489	169488	170588	170522	0.59	cps
Antimony	121-1	951028	973002	964072	962701	1.15	cps
Arsenic	75-2	31052	30174	29735	30320	2.21	cps
Barium	135-1	1185975	1235061	1194628	1205221	2.17	cps
Barium	137-1	2092587	2046936	2088973	2076165	1.22	cps
Beryllium	9-1	323227	327897	318786	323303	1.41	cps
Bismuth	209-1	5073351	5038816	5068601	5060256	0.37	cps
Bismuth	209-2	3109511	3230913	2973640	3104688	4.15	cps
Boron	10-1	33722	35430	37085	35412	4.75	cps
Boron	11-1	165959	172637	178553	172383	3.65	cps
Bromine	81-1	21900	22562	22832	22431	2.14	cps
Cadmium	111-1	270317	274022	273323	272554	0.72	cps
Cadmium	106-1	33316	32055	31353	32241	3.09	cps
Cadmium	108-1	19898	19998	19602	19832	1.04	cps
Calcium	43-1	418307	417164	412948	416140	0.68	cps
Calcium	44-1	6688464	6646580	6543069	6626038	1.13	cps
Carbon	12-1	7618370	7519238	7629229	7588946	0.80	cps
Carbon	12-2	71198	72479	72647	72108	1.10	cps
Chlorine	35-1	607436	615599	609563	610866	0.69	cps
Chlorine	35-2	3692	3876	3742	3770	2.52	cps
Chromium	52-2	340068	336493	334359	336973	0.86	cps
Cobalt	59-2	599367	586749	591237	592451	1.08	cps
Copper	63-2	4713054	4547222	4612172	4624149	1.81	cps
Dysprosium	156-1	25	50	33	36	35.25	cps
Dysprosium	156-2	30	20	30	27	21.65	cps
Erbium	164-1	25	100	75	67	57.28	cps
Erbium	164-2	43	40	17	33	43.58	cps
Gadolinium	160-1	75	100	117	97	21.57	cps
Gadolinium	160-2	67	100	103	90	22.53	cps
Holmium	165-1	9246273	9191900	8953937	9130703	1.70	cps
Holmium	165-2	4548892	4771955	4331315	4550721	4.84	cps
Indium	115-1	8970643	9009156	9038716	9006172	0.38	cps
Indium	115-2	1376642	1459960	1320493	1385698	5.06	cps
Iron	54-2	746183	717081	713519	725595	2.47	cps
Iron	56-2	13395709	12836021	13026982	13086237	2.17	cps
Iron	57-2	328637	316025	319150	321271	2.04	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 15:26:41	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	3537	3317	3060	3305	7.22	cps
Lead	206-1	3074851	2972950	2881958	2976586	3.24	cps
Lead	207-1	2617131	2597246	2529683	2581354	1.78	cps
Lead	208-1	11839817	11635380	11628228	11701142	1.03	cps
Lithium	6-1	4200905	4225320	4353839	4260021	1.93	cps
Magnesium	24-2	2645180	2685394	2607689	2646088	1.47	cps
Manganese	55-2	1717673	1653862	1661270	1677601	2.08	cps
Molybdenum	94-1	4322284	4322555	4214548	4286463	1.45	cps
Molybdenum	95-1	6185377	6124897	6191402	6167225	0.60	cps
Molybdenum	96-1	6766957	6826153	6666743	6753284	1.19	cps
Molybdenum	97-1	3819979	3830415	3695086	3781827	1.99	cps
Molybdenum	98-1	9819883	9867543	9925925	9871117	0.54	cps
Neodymium	150-1	87	73	53	71	23.60	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	164723	158173	163331	162076	2.13	cps
Phosphorus	31-2	9737	9370	9503	9537	1.95	cps
Potassium	39-2	1036636	1022547	1005944	1021709	1.50	cps
Rhodium	103-1	9060559	9050307	8900544	9003803	0.99	cps
Rhodium	103-2	4238742	4421769	3945080	4201863	5.72	cps
Scandium	45-1	7795173	7713660	7652033	7720289	0.93	cps
Scandium	45-2	239452	250721	230694	240289	4.18	cps
Selenium	82-1	20884	21340	20871	21032	1.27	cps
Selenium	77-2	467	640	543	550	15.79	cps
Selenium	78-2	2101	2134	2066	2101	1.62	cps
Silicon	28-1	1867823	1911332	1929756	1902970	1.67	cps
Silver	107-1	1384492	1372143	1353623	1370086	1.13	cps
Silver	109-1	1289039	1318172	1312380	1306531	1.18	cps
Sodium	23-2	5251136	5124594	5210136	5195289	1.24	cps
Strontium	86-1	3913535	3868261	3908530	3896775	0.64	cps
Strontium	88-1	32018563	32727430	33105807	32617267	1.69	cps
Sulfur	34-1	727236	730490	726028	727918	0.32	cps
Terbium	159-1	9959420	9907634	9577859	9814971	2.11	cps
Terbium	159-2	4500661	4559531	4230510	4430234	3.96	cps
Thallium	203-1	703903	710080	706252	706745	0.44	cps
Thallium	205-1	1714757	1685161	1629939	1676619	2.57	cps
Tin	118-1	859111	849258	856841	855070	0.60	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 15:26:41	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2162839	2192893	2186404	2180712	0.73	cps
Uranium	238-1	2041859	2072857	2043808	2052841	0.85	cps
Vanadium	51-2	277720	275405	273691	275605	0.73	cps
Ytterbium	172-1	25	50	33	36	35.25	cps
Ytterbium	172-2	22	33	28	28	20.00	cps
Ytterbium	176-1	4301	4309	4292	4301	0.19	cps
Ytterbium	176-2	7019	7741	7285	7348	4.97	cps
Yttrium	89-1	16093537	16419764	16202153	16238484	1.02	cps
Yttrium	89-2	1733431	1763036	1613755	1703407	4.64	cps
Zinc	66-2	491924	486159	474500	484194	1.83	cps
Zirconium	90-1	2060758	2101857	2103393	2088669	1.16	cps
Zirconium	91-1	456333	465766	457296	459798	1.13	cps

LB Number : LB117242 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2021-11-08 15:29:47 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	349282	347122	338476	344960	1.66	cps
Antimony	121-1	1970228	1989605	2006872	1988902	0.92	cps
Arsenic	75-2	61439	60742	60433	60871	0.85	cps
Barium	135-1	2513041	2494089	2495431	2500854	0.42	cps
Barium	137-1	4192465	4292528	4231230	4238741	1.19	cps
Beryllium	9-1	624975	647827	643910	638904	1.91	cps
Bismuth	209-1	5285293	5140838	5187276	5204469	1.42	cps
Bismuth	209-2	3020743	3133086	3067841	3073890	1.84	cps
Boron	10-1	66454	70520	75015	70663	6.06	cps
Boron	11-1	327206	344642	354918	342255	4.09	cps
Bromine	81-1	21409	20075	21368	20951	3.62	cps
Cadmium	111-1	542404	549547	544062	545338	0.69	cps
Cadmium	106-1	57237	61053	60266	59519	3.39	cps
Cadmium	108-1	39703	40167	39452	39774	0.91	cps
Calcium	43-1	846164	853553	854449	851389	0.53	cps
Calcium	44-1	13359145	13333803	13471907	13388285	0.55	cps
Carbon	12-1	7691742	7829593	7783358	7768231	0.90	cps
Carbon	12-2	77002	73836	74924	75254	2.14	cps
Chlorine	35-1	595866	600766	603985	600206	0.68	cps
Chlorine	35-2	3567	3475	3509	3517	1.32	cps
Chromium	52-2	689935	681093	670027	680352	1.47	cps
Cobalt	59-2	1225212	1208160	1200474	1211282	1.05	cps
Copper	63-2	9371254	9363696	9123739	9286230	1.52	cps
Dysprosium	156-1	67	100	175	114	48.72	cps
Dysprosium	156-2	63	50	57	57	11.76	cps
Erbium	164-1	33	50	108	64	61.65	cps
Erbium	164-2	53	47	37	46	18.41	cps
Gadolinium	160-1	142	133	150	142	5.88	cps
Gadolinium	160-2	107	93	107	102	7.53	cps
Holmium	165-1	9427132	9456905	9629246	9504427	1.15	cps
Holmium	165-2	4377531	4592744	4458751	4476342	2.43	cps
Indium	115-1	9271177	9058745	9391277	9240400	1.82	cps
Indium	115-2	1288017	1387196	1352862	1342692	3.75	cps
Iron	54-2	1502140	1478632	1484576	1488449	0.82	cps
Iron	56-2	26741690	26476812	25999779	26406094	1.42	cps
Iron	57-2	662826	656758	639239	652941	1.88	cps

LB Number : LB117242 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2021-11-08 15:29:47 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	3067	3184	3370	3207	4.77	cps
Lead	206-1	6099824	6042654	5936262	6026247	1.38	cps
Lead	207-1	5341109	5162154	5240982	5248082	1.71	cps
Lead	208-1	24422625	23892488	23965120	24093411	1.19	cps
Lithium	6-1	4335017	4404994	4386788	4375600	0.83	cps
Magnesium	24-2	5333473	5467409	5181113	5327332	2.69	cps
Manganese	55-2	3315622	3337851	3303126	3318866	0.53	cps
Molybdenum	94-1	8417880	8406490	8436551	8420307	0.18	cps
Molybdenum	95-1	12298658	12470880	12472411	12413983	0.80	cps
Molybdenum	96-1	13829715	13233497	13348389	13470534	2.35	cps
Molybdenum	97-1	7526110	7461078	7559017	7515402	0.66	cps
Molybdenum	98-1	19462008	19763839	19806821	19677556	0.95	cps
Neodymium	150-1	160	140	180	160	12.50	cps
Neodymium	150-2	10	10	17	12	31.50	cps
Nickel	60-2	330244	327418	325152	327604	0.78	cps
Phosphorus	31-2	19680	18796	18462	18979	3.32	cps
Potassium	39-2	2061716	1986449	2031519	2026561	1.87	cps
Rhodium	103-1	8873638	9038309	8975785	8962577	0.93	cps
Rhodium	103-2	4058340	4259028	4144244	4153871	2.42	cps
Scandium	45-1	7839789	7733575	7746683	7773349	0.74	cps
Scandium	45-2	226917	241161	236646	234908	3.10	cps
Selenium	82-1	40974	41312	41138	41141	0.41	cps
Selenium	77-2	1197	1167	1183	1182	1.27	cps
Selenium	78-2	4115	4034	3931	4027	2.29	cps
Silicon	28-1	2820478	3021087	3044304	2961956	4.16	cps
Silver	107-1	2792463	2778152	2814478	2795031	0.65	cps
Silver	109-1	2674579	2769103	2674972	2706218	2.01	cps
Sodium	23-2	10576009	10578529	10426049	10526862	0.83	cps
Strontium	86-1	7759568	7767943	7778688	7768733	0.12	cps
Strontium	88-1	66868451	64394568	66556845	65939955	2.04	cps
Sulfur	34-1	847545	838976	851838	846120	0.77	cps
Terbium	159-1	10096810	9661758	10184952	9981173	2.81	cps
Terbium	159-2	4387612	4768350	4618109	4591357	4.18	cps
Thallium	203-1	1395861	1463327	1411769	1423653	2.48	cps
Thallium	205-1	3472304	3520624	3503227	3498718	0.70	cps
Tin	118-1	1730417	1719147	1798735	1749433	2.46	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 15:29:47	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4295665	4291816	4284199	4290560	0.14	cps
Uranium	238-1	4375867	4336882	4189339	4300696	2.29	cps
Vanadium	51-2	568891	553601	551966	558153	1.67	cps
Ytterbium	172-1	42	50	25	39	32.73	cps
Ytterbium	172-2	6	17	22	15	57.25	cps
Ytterbium	176-1	7319	7794	7527	7547	3.16	cps
Ytterbium	176-2	8581	9192	9342	9038	4.46	cps
Yttrium	89-1	16313532	16146365	16298368	16252755	0.57	cps
Yttrium	89-2	1630872	1732400	1680883	1681385	3.02	cps
Zinc	66-2	994969	961209	942130	966102	2.77	cps
Zirconium	90-1	4208639	4263468	4192231	4221446	0.88	cps
Zirconium	91-1	940189	926391	945259	937279	1.04	cps

LB Number : LB117242 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2021-11-08 15:32:50 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	665379	676680	656529	666196	1.52	cps
Antimony	121-1	3944594	3939116	3861761	3915157	1.18	cps
Arsenic	75-2	119586	119404	118589	119193	0.45	cps
Barium	135-1	5002302	4916056	4762896	4893751	2.48	cps
Barium	137-1	8454449	8478625	8185643	8372906	1.94	cps
Beryllium	9-1	1256102	1264147	1256526	1258925	0.36	cps
Bismuth	209-1	5430275	5339353	5265650	5345093	1.54	cps
Bismuth	209-2	3170793	3159932	3043182	3124636	2.26	cps
Boron	10-1	136774	146057	149318	144050	4.52	cps
Boron	11-1	657980	689562	712389	686644	3.98	cps
Bromine	81-1	20867	22050	21098	21338	2.94	cps
Cadmium	111-1	1075175	1059030	1086113	1073439	1.27	cps
Cadmium	106-1	113348	111274	110308	111643	1.39	cps
Cadmium	108-1	78070	80223	78527	78940	1.44	cps
Calcium	43-1	1701145	1751894	1766286	1739775	1.97	cps
Calcium	44-1	27087064	27292986	27364795	27248282	0.53	cps
Carbon	12-1	8571594	8725486	8877182	8724754	1.75	cps
Carbon	12-2	85474	83404	85230	84703	1.34	cps
Chlorine	35-1	580978	583877	581633	582163	0.26	cps
Chlorine	35-2	3225	3392	3225	3281	2.93	cps
Chromium	52-2	1381122	1364828	1337226	1361059	1.63	cps
Cobalt	59-2	2413845	2362390	2370848	2382361	1.16	cps
Copper	63-2	17784975	17859012	17740598	17794862	0.34	cps
Dysprosium	156-1	150	192	192	178	13.53	cps
Dysprosium	156-2	87	110	133	110	21.21	cps
Erbium	164-1	100	142	108	117	18.90	cps
Erbium	164-2	40	27	43	37	24.04	cps
Gadolinium	160-1	242	142	192	192	26.09	cps
Gadolinium	160-2	123	120	120	121	1.59	cps
Holmium	165-1	9639266	9613943	9540814	9598008	0.53	cps
Holmium	165-2	4832025	4616110	4561933	4670023	3.06	cps
Indium	115-1	9208048	9037935	9273674	9173219	1.33	cps
Indium	115-2	1409925	1362377	1334079	1368794	2.80	cps
Iron	54-2	2934981	2917068	2930354	2927468	0.32	cps
Iron	56-2	51689700	51654987	51738028	51694238	0.08	cps
Iron	57-2	1272779	1255962	1250640	1259794	0.92	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 15:32:50	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	3147	3077	3270	3165	3.09	cps
Lead	206-1	12160283	12312876	12311088	12261415	0.71	cps
Lead	207-1	10469842	10769515	10830110	10689822	1.80	cps
Lead	208-1	48117086	48780614	49432098	48776599	1.35	cps
Lithium	6-1	4439665	4181134	4128403	4249734	3.92	cps
Magnesium	24-2	10522808	10486434	10272547	10427263	1.30	cps
Manganese	55-2	6671990	6474410	6412432	6519611	2.08	cps
Molybdenum	94-1	17150656	17333074	16290274	16924668	3.29	cps
Molybdenum	95-1	24719112	24778126	24332474	24609904	0.98	cps
Molybdenum	96-1	27002655	27250762	26546310	26933242	1.33	cps
Molybdenum	97-1	14995111	14990245	15036694	15007350	0.17	cps
Molybdenum	98-1	39226090	38503455	39582761	39104102	1.41	cps
Neodymium	150-1	233	207	193	211	9.65	cps
Neodymium	150-2	30	13	20	21	39.75	cps
Nickel	60-2	622916	623013	623959	623296	0.09	cps
Phosphorus	31-2	36647	37516	36613	36926	1.39	cps
Potassium	39-2	3872501	3930866	3933336	3912234	0.88	cps
Rhodium	103-1	8994030	8566992	8869205	8810076	2.49	cps
Rhodium	103-2	4271857	4176484	3963790	4137377	3.81	cps
Scandium	45-1	8027279	7839635	7953077	7939997	1.19	cps
Scandium	45-2	244369	236440	233983	238264	2.28	cps
Selenium	82-1	81012	81178	80433	80874	0.48	cps
Selenium	77-2	2337	2407	2274	2339	2.85	cps
Selenium	78-2	7866	7890	7834	7863	0.36	cps
Silicon	28-1	5100123	5259130	5359580	5239611	2.50	cps
Silver	107-1	5476865	5492904	5406571	5458780	0.84	cps
Silver	109-1	5276582	5131809	5322778	5243723	1.90	cps
Sodium	23-2	20447892	20176729	20033319	20219313	1.04	cps
Strontium	86-1	15426643	15710879	15668092	15601871	0.98	cps
Strontium	88-1	131275020	131935795	131414653	131541822	0.26	cps
Sulfur	34-1	1003548	1011433	1002616	1005866	0.48	cps
Terbium	159-1	10240981	9948831	10192441	10127418	1.55	cps
Terbium	159-2	4629514	4594733	4512359	4578869	1.31	cps
Thallium	203-1	2989934	3019155	3104624	3037904	1.96	cps
Thallium	205-1	7035710	7012643	7176223	7074859	1.25	cps
Tin	118-1	3436638	3503912	3490943	3477165	1.03	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 15:32:50	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	8524265	8507547	8525929	8519247	0.12	cps
Uranium	238-1	8706688	8491107	8739519	8645771	1.56	cps
Vanadium	51-2	1091568	1097572	1084759	1091300	0.59	cps
Ytterbium	172-1	42	67	58	56	22.91	cps
Ytterbium	172-2	17	6	22	15	57.25	cps
Ytterbium	176-1	13891	13874	14216	13994	1.38	cps
Ytterbium	176-2	12011	12067	11778	11952	1.28	cps
Yttrium	89-1	16484104	16105675	16195656	16261812	1.22	cps
Yttrium	89-2	1771457	1705374	1639556	1705462	3.87	cps
Zinc	66-2	1907177	1882410	1887510	1892366	0.69	cps
Zirconium	90-1	8350697	8424991	8100275	8291988	2.05	cps
Zirconium	91-1	1871090	1868537	1842427	1860685	0.85	cps

LB Number : LB117242 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2021-11-08 15:35:55 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1346898	1335973	1303336	1328736	1.71	cps
Antimony	121-1	7831329	7758332	7728405	7772689	0.68	cps
Arsenic	75-2	237956	233628	233423	235002	1.09	cps
Barium	135-1	9901744	9911843	10005522	9939703	0.58	cps
Barium	137-1	16657954	16901761	16850697	16803471	0.77	cps
Beryllium	9-1	2429623	2407706	2444358	2427229	0.76	cps
Bismuth	209-1	5310388	5304564	5263383	5292778	0.48	cps
Bismuth	209-2	3025107	2979889	2979140	2994712	0.88	cps
Boron	10-1	278437	279403	287317	281719	1.73	cps
Boron	11-1	1208374	1240656	1268300	1239110	2.42	cps
Bromine	81-1	22451	20937	22882	22090	4.62	cps
Cadmium	111-1	2083470	2105906	2136936	2108771	1.27	cps
Cadmium	106-1	220930	217829	222485	220414	1.08	cps
Cadmium	108-1	154216	149965	152483	152221	1.40	cps
Calcium	43-1	3429428	3424079	3516454	3456654	1.50	cps
Calcium	44-1	54844551	53243547	54764859	54284319	1.66	cps
Carbon	12-1	9467877	9454814	9481283	9467991	0.14	cps
Carbon	12-2	93934	94788	93481	94068	0.71	cps
Chlorine	35-1	551504	556905	558603	555671	0.67	cps
Chlorine	35-2	3392	3134	3184	3237	4.23	cps
Chromium	52-2	2726714	2673161	2642795	2680890	1.58	cps
Cobalt	59-2	4750285	4617081	4654528	4673965	1.47	cps
Copper	63-2	36914662	36021766	35241779	36059402	2.32	cps
Dysprosium	156-1	308	292	417	339	20.03	cps
Dysprosium	156-2	163	177	160	167	5.29	cps
Erbium	164-1	150	117	117	128	15.06	cps
Erbium	164-2	37	43	47	42	12.06	cps
Gadolinium	160-1	358	300	392	350	13.26	cps
Gadolinium	160-2	223	213	190	209	8.19	cps
Holmium	165-1	9454644	9613907	9787189	9618580	1.73	cps
Holmium	165-2	4508495	4591765	4601204	4567155	1.12	cps
Indium	115-1	9000269	9016908	9103152	9040110	0.61	cps
Indium	115-2	1332757	1312700	1312993	1319483	0.87	cps
Iron	54-2	5888898	5766712	5677470	5777693	1.84	cps
Iron	56-2	103911744	100321713	101690230	101974562	1.78	cps
Iron	57-2	2591054	2608658	2564184	2587965	0.87	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 15:35:55	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	3114	3517	3227	3286	6.33	cps
Lead	206-1	23374466	24098860	23812552	23761959	1.54	cps
Lead	207-1	20807157	21271521	20990689	21023122	1.11	cps
Lead	208-1	96520279	97415204	95783163	96572882	0.85	cps
Lithium	6-1	4424453	4207040	4392745	4341413	2.71	cps
Magnesium	24-2	20912119	20209496	19604785	20242133	3.23	cps
Manganese	55-2	13286961	12913495	12761795	12987417	2.08	cps
Molybdenum	94-1	33591757	34311810	34364857	34089475	1.27	cps
Molybdenum	95-1	48770358	49287832	50300593	49452928	1.57	cps
Molybdenum	96-1	54537620	54008647	54940068	54495445	0.86	cps
Molybdenum	97-1	30443425	29962404	30649403	30351744	1.16	cps
Molybdenum	98-1	78052331	77158491	79533906	78248243	1.53	cps
Neodymium	150-1	407	440	520	456	12.78	cps
Neodymium	150-2	40	30	17	29	40.51	cps
Nickel	60-2	1226772	1223106	1233605	1227828	0.43	cps
Phosphorus	31-2	75087	74291	71946	73775	2.21	cps
Potassium	39-2	7713044	7581725	7679625	7658132	0.89	cps
Rhodium	103-1	8761239	8655378	8800057	8738891	0.86	cps
Rhodium	103-2	3946252	3960062	3948808	3951707	0.19	cps
Scandium	45-1	8052654	7773012	7975673	7933780	1.82	cps
Scandium	45-2	235443	232402	234279	234041	0.66	cps
Selenium	82-1	158424	158800	158830	158685	0.14	cps
Selenium	77-2	4467	4374	4691	4511	3.61	cps
Selenium	78-2	15630	15336	15208	15391	1.41	cps
Silicon	28-1	7630817	8071789	8217974	7973527	3.83	cps
Silver	107-1	11059432	10673274	10568238	10766982	2.40	cps
Silver	109-1	10173487	9811994	10200961	10062147	2.16	cps
Sodium	23-2	40123685	40137167	39371689	39877514	1.10	cps
Strontium	86-1	31448042	31231389	30730860	31136764	1.18	cps
Strontium	88-1	259976989	261678748	261159814	260938517	0.33	cps
Sulfur	34-1	1470423	1490153	1445946	1468841	1.51	cps
Terbium	159-1	10635671	10348054	10238262	10407329	1.97	cps
Terbium	159-2	4498581	4503855	4547232	4516556	0.59	cps
Thallium	203-1	6071862	5885967	5891357	5949728	1.78	cps
Thallium	205-1	13893931	13855114	13843752	13864266	0.19	cps
Tin	118-1	6906748	6871477	6780922	6853049	0.95	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 15:35:55	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	17517683	16668083	17007368	17064378	2.51	cps
Uranium	238-1	17445627	17501991	17868687	17605435	1.30	cps
Vanadium	51-2	2192568	2161988	2164896	2173151	0.78	cps
Ytterbium	172-1	42	58	83	61	34.32	cps
Ytterbium	172-2	28	22	39	30	28.65	cps
Ytterbium	176-1	27287	26160	27254	26900	2.38	cps
Ytterbium	176-2	17690	18185	18051	17975	1.43	cps
Yttrium	89-1	16311246	16528544	16289552	16376447	0.81	cps
Yttrium	89-2	1671387	1666802	1653372	1663854	0.56	cps
Zinc	66-2	3834855	3664111	3711614	3736860	2.36	cps
Zirconium	90-1	16821633	16802658	16668990	16764427	0.50	cps
Zirconium	91-1	3686225	3765628	3773553	3741802	1.29	cps

LB Number : LB117242 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P8
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2021-11-08 15:38:58 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6673289	6749854	6712735	6711959	0.57	cps
Antimony	121-1	8511	7552	8745	8269	7.64	cps
Arsenic	75-2	116	97	107	107	8.91	cps
Barium	135-1	5926	4918	4551	5132	13.88	cps
Barium	137-1	10838	9137	8153	9376	14.49	cps
Beryllium	9-1	1264	1004	786	1018	23.51	cps
Bismuth	209-1	4740389	4719222	4812313	4757308	1.03	cps
Bismuth	209-2	2828525	2784982	2852829	2822112	1.22	cps
Boron	10-1	27687	24850	23204	25247	8.98	cps
Boron	11-1	131942	118935	108638	119838	9.75	cps
Bromine	81-1	21118	20958	21448	21175	1.18	cps
Cadmium	111-1	4817	4761	4170	4583	7.82	cps
Cadmium	106-1	4226	4284	3767	4092	6.92	cps
Cadmium	108-1	171	196	225	197	13.75	cps
Calcium	43-1	16091894	15342753	16178529	15871059	2.90	cps
Calcium	44-1	256151212	248910487	260503617	255188439	2.29	cps
Carbon	12-1	8395788	8523341	8636253	8518461	1.41	cps
Carbon	12-2	89421	91308	92172	90967	1.55	cps
Chlorine	35-1	564111	557574	553474	558386	0.96	cps
Chlorine	35-2	3509	3167	3175	3284	5.94	cps
Chromium	52-2	9423	9146	9196	9255	1.59	cps
Cobalt	59-2	6882	7038	6768	6896	1.97	cps
Copper	63-2	12836	12019	11071	11975	7.38	cps
Dysprosium	156-1	1400	1250	1200	1283	8.11	cps
Dysprosium	156-2	590	577	587	584	1.19	cps
Erbium	164-1	292	258	317	289	10.13	cps
Erbium	164-2	120	120	57	99	36.97	cps
Gadolinium	160-1	1275	1183	1117	1192	6.67	cps
Gadolinium	160-2	760	670	690	707	6.69	cps
Holmium	165-1	9299324	9462657	9197598	9319859	1.43	cps
Holmium	165-2	4630278	4615371	4702650	4649433	1.00	cps
Indium	115-1	8454176	8808372	8626322	8629624	2.05	cps
Indium	115-2	1320195	1324694	1310646	1318512	0.54	cps
Iron	54-2	27026269	26877142	26931424	26944945	0.28	cps
Iron	56-2	486383855	487571966	492562178	488839333	0.67	cps
Iron	57-2	12467066	12309424	12374103	12383531	0.64	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 15:38:58	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	3140	3130	3217	3163	1.50	cps
Lead	206-1	15482	14291	13368	14380	7.37	cps
Lead	207-1	13652	12223	11350	12408	9.37	cps
Lead	208-1	61764	55603	52710	56692	8.16	cps
Lithium	6-1	4052354	4224725	4156584	4144554	2.09	cps
Magnesium	24-2	99222065	100504134	98830950	99519049	0.88	cps
Manganese	55-2	22771	21783	22284	22280	2.22	cps
Molybdenum	94-1	18129	16068	14441	16213	11.40	cps
Molybdenum	95-1	22744	19547	17153	19815	14.16	cps
Molybdenum	96-1	35438	31178	30259	32292	8.56	cps
Molybdenum	97-1	14016	12281	10596	12298	13.91	cps
Molybdenum	98-1	36908	31161	26826	31632	15.99	cps
Neodymium	150-1	47	107	67	73	41.66	cps
Neodymium	150-2	17	23	10	17	39.99	cps
Nickel	60-2	2854	3064	2864	2927	4.05	cps
Phosphorus	31-2	142	75	125	114	30.46	cps
Potassium	39-2	38856738	38892810	40698969	39482839	2.67	cps
Rhodium	103-1	7904442	8075479	8117447	8032456	1.40	cps
Rhodium	103-2	3764346	3803079	3754019	3773815	0.69	cps
Scandium	45-1	7655851	7546913	7390777	7531180	1.77	cps
Scandium	45-2	229842	233585	233011	232146	0.87	cps
Selenium	82-1	543	541	473	519	7.66	cps
Selenium	77-2	10	3	3	6	69.34	cps
Selenium	78-2	65	73	61	66	9.21	cps
Silicon	28-1	2568121	2711650	2714566	2664779	3.14	cps
Silver	107-1	5476	4843	4701	5007	8.25	cps
Silver	109-1	5159	4609	4176	4648	10.61	cps
Sodium	23-2	196577963	198110500	198014475	197567646	0.43	cps
Strontium	86-1	33299	30191	29532	31007	6.49	cps
Strontium	88-1	243153	222069	210134	225119	7.43	cps
Sulfur	34-1	479848	475998	474207	476684	0.60	cps
Terbium	159-1	9870318	10030482	9861813	9920871	0.96	cps
Terbium	159-2	4525151	4490971	4623784	4546636	1.52	cps
Thallium	203-1	2984	2492	2600	2692	9.60	cps
Thallium	205-1	7444	5918	5451	6271	16.62	cps
Tin	118-1	5368	4718	4434	4840	9.89	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 15:38:58	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7494	5843	5409	6249	17.60	cps
Uranium	238-1	7144	5501	4851	5832	20.26	cps
Vanadium	51-2	917	840	763	840	9.13	cps
Ytterbium	172-1	150	158	108	139	19.29	cps
Ytterbium	172-2	39	56	28	41	34.32	cps
Ytterbium	176-1	1108	1183	1025	1106	7.16	cps
Ytterbium	176-2	5940	6052	6413	6135	4.03	cps
Yttrium	89-1	15985234	16136727	15707854	15943272	1.36	cps
Yttrium	89-2	1681601	1682533	1664788	1676307	0.60	cps
Zinc	66-2	8803	8980	8783	8855	1.22	cps
Zirconium	90-1	12739	11455	11163	11786	7.12	cps
Zirconium	91-1	3042	2575	2175	2598	16.70	cps

LB Number : LB117242 Operator : Jaswal
 Lab Sample ID : ICV67 Instrumnet Name : P8
 Client Sample ID : ICV67 Dilution Factor : 1
 Date & Time Acquired :: 2021-11-08 15:46:46 DataFile Name : 012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	35346	34875	34104	34775	1.80	cps
Antimony	121-1	1562585	1568458	1571877	1567640	0.30	cps
Arsenic	75-2	51362	50617	50228	50736	1.14	cps
Barium	135-1	197097	196187	199494	197593	0.86	cps
Barium	137-1	336477	344133	347409	342673	1.64	cps
Beryllium	9-1	255741	258283	259873	257966	0.81	cps
Bismuth	209-1	5183524	4863950	5289006	5112160	4.33	cps
Bismuth	209-2	3099675	3073064	3134328	3102356	0.99	cps
Boron	10-1	6814	6696	7144	6885	3.37	cps
Boron	11-1	34111	32766	33956	33611	2.19	cps
Bromine	81-1	22140	23103	22100	22448	2.53	cps
Cadmium	111-1	219045	225423	221464	221977	1.45	cps
Cadmium	106-1	22035	21300	22911	22082	3.65	cps
Cadmium	108-1	14020	14120	13895	14011	0.81	cps
Calcium	43-1	64540	65729	65726	65331	1.05	cps
Calcium	44-1	1102790	1115332	1120926	1113016	0.83	cps
Carbon	12-1	7512804	7601313	7689374	7601164	1.16	cps
Carbon	12-2	72948	71408	68611	70989	3.10	cps
Chlorine	35-1	576077	572826	582787	577230	0.88	cps
Chlorine	35-2	3701	3926	3609	3745	4.35	cps
Chromium	52-2	284197	283776	278528	282167	1.12	cps
Cobalt	59-2	507202	496088	494721	499337	1.37	cps
Copper	63-2	376068	372902	373341	374104	0.46	cps
Dysprosium	156-1	25	25	17	22	21.64	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	92	117	83	97	17.84	cps
Erbium	164-2	33	43	43	40	14.43	cps
Gadolinium	160-1	58	67	83	69	18.34	cps
Gadolinium	160-2	73	97	107	92	18.55	cps
Holmium	165-1	9214293	8701305	9270709	9062102	3.46	cps
Holmium	165-2	4608519	4536590	4708468	4617859	1.87	cps
Indium	115-1	9349909	8717535	9374593	9147346	4.07	cps
Indium	115-2	1423816	1419925	1410796	1418179	0.47	cps
Iron	54-2	245037	244376	236138	241850	2.05	cps
Iron	56-2	4381622	4312163	4165619	4286468	2.57	cps
Iron	57-2	103926	104861	102298	103695	1.25	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	ICV67	Instrumnet Name :	P8
Client Sample ID :	ICV67	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 15:46:46	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	3184	3274	3254	3237	1.46	cps
Lead	206-1	932144	954236	949291	945223	1.23	cps
Lead	207-1	780753	772247	802940	785313	2.02	cps
Lead	208-1	3814951	3774515	3912955	3834140	1.86	cps
Lithium	6-1	4346295	4151732	4269297	4255775	2.30	cps
Magnesium	24-2	250835	250231	248538	249868	0.48	cps
Manganese	55-2	135271	133787	132099	133719	1.19	cps
Molybdenum	94-1	767	783	1133	894	23.15	cps
Molybdenum	95-1	842	633	608	694	18.45	cps
Molybdenum	96-1	1175	1125	908	1070	13.25	cps
Molybdenum	97-1	417	425	417	419	1.15	cps
Molybdenum	98-1	1258	992	867	1039	19.26	cps
Neodymium	150-1	13	20	33	22	45.83	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	144274	143595	142402	143424	0.66	cps
Phosphorus	31-2	117	108	100	108	7.69	cps
Potassium	39-2	343644	340048	336294	339995	1.08	cps
Rhodium	103-1	9064187	8702155	9146942	8971095	2.64	cps
Rhodium	103-2	4292598	4358933	4207114	4286215	1.78	cps
Scandium	45-1	7716130	7296913	7899423	7637488	4.04	cps
Scandium	45-2	244136	240842	239755	241578	0.94	cps
Selenium	82-1	34695	34579	34803	34693	0.32	cps
Selenium	77-2	1150	1070	1027	1082	5.78	cps
Selenium	78-2	3547	3467	3562	3525	1.45	cps
Silicon	28-1	864040	877555	878419	873338	0.92	cps
Silver	107-1	509865	512472	530516	517618	2.17	cps
Silver	109-1	479893	502534	507327	496585	2.95	cps
Sodium	23-2	875322	866447	864277	868682	0.67	cps
Strontium	86-1	6177	6518	6977	6557	6.13	cps
Strontium	88-1	10688	10237	10629	10518	2.33	cps
Sulfur	34-1	510475	508976	504424	507958	0.62	cps
Terbium	159-1	9863155	9355374	9896501	9705010	3.12	cps
Terbium	159-2	4651011	4449675	4581794	4560827	2.24	cps
Thallium	203-1	1229161	1195211	1233501	1219291	1.72	cps
Thallium	205-1	2923008	3018229	2949433	2963556	1.66	cps
Tin	118-1	1875	1959	1867	1900	2.67	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	ICV67	Instrumnet Name :	P8
Client Sample ID :	ICV67	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 15:46:46	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	417	525	508	483	12.07	cps
Uranium	238-1	192	133	192	172	19.56	cps
Vanadium	51-2	224225	226580	222010	224272	1.02	cps
Ytterbium	172-1	50	0	58	36	87.37	cps
Ytterbium	172-2	11	17	11	13	24.76	cps
Ytterbium	176-1	992	808	700	833	17.69	cps
Ytterbium	176-2	5468	5846	6268	5861	6.83	cps
Yttrium	89-1	16345900	15451231	16487755	16094962	3.49	cps
Yttrium	89-2	1738924	1739770	1704041	1727579	1.18	cps
Zinc	66-2	80752	81245	79066	80354	1.42	cps
Zirconium	90-1	1575	1325	1500	1467	8.75	cps
Zirconium	91-1	450	508	467	475	6.33	cps

LB Number : LB117242 Operator : Jaswal
 Lab Sample ID : LLICV01 Instrumnet Name : P8
 Client Sample ID : LLICV01 Dilution Factor : 1
 Date & Time Acquired :: 2021-11-08 16:06:06 DataFile Name : 016LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1356	1342	1346	1348	0.53	cps
Antimony	121-1	12915	12373	12623	12637	2.15	cps
Arsenic	75-2	221	237	232	230	3.56	cps
Barium	135-1	15509	15901	15251	15554	2.11	cps
Barium	137-1	26894	26051	27228	26724	2.27	cps
Beryllium	9-1	2234	2184	2424	2280	5.55	cps
Bismuth	209-1	4961966	5010945	5116251	5029721	1.57	cps
Bismuth	209-2	3041447	3081166	3113079	3078564	1.17	cps
Boron	10-1	7849	7937	8411	8065	3.75	cps
Boron	11-1	36680	39022	40690	38797	5.19	cps
Bromine	81-1	21639	21880	22571	22030	2.20	cps
Cadmium	111-1	4916	5189	5519	5208	5.80	cps
Cadmium	106-1	3817	4226	4426	4156	7.46	cps
Cadmium	108-1	158	146	192	165	14.33	cps
Calcium	43-1	13523	13598	13163	13428	1.73	cps
Calcium	44-1	263955	266024	264067	264682	0.44	cps
Carbon	12-1	6660908	6667863	6854269	6727680	1.63	cps
Carbon	12-2	62325	62283	64232	62947	1.77	cps
Chlorine	35-1	493273	496862	502310	497482	0.91	cps
Chlorine	35-2	3000	2959	3059	3006	1.67	cps
Chromium	52-2	5241	5324	5314	5293	0.86	cps
Cobalt	59-2	4367	4257	4177	4267	2.24	cps
Copper	63-2	7339	7085	7249	7224	1.78	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	50	25	117	64	74.17	cps
Erbium	164-2	33	23	20	26	27.15	cps
Gadolinium	160-1	83	58	50	64	27.15	cps
Gadolinium	160-2	57	83	57	66	23.48	cps
Holmium	165-1	8884986	9077911	9262244	9075047	2.08	cps
Holmium	165-2	4511986	4489746	4591451	4531061	1.18	cps
Indium	115-1	9007631	9122360	9161993	9097328	0.88	cps
Indium	115-2	1409464	1382170	1403097	1398243	1.02	cps
Iron	54-2	5518	6135	5357	5670	7.24	cps
Iron	56-2	93661	91665	93561	92962	1.21	cps
Iron	57-2	2745	2717	2439	2634	6.42	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 16:06:06	DataFile Name :	016LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	3377	3394	3237	3336	2.58	cps
Lead	206-1	4484	4401	4356	4414	1.47	cps
Lead	207-1	3995	4190	3978	4054	2.90	cps
Lead	208-1	17833	18094	18033	17987	0.76	cps
Lithium	6-1	4157878	4114433	4101808	4124706	0.71	cps
Magnesium	24-2	90305	90665	89886	90285	0.43	cps
Manganese	55-2	1280	1400	1257	1312	5.86	cps
Molybdenum	94-1	15693	15976	16786	16151	3.51	cps
Molybdenum	95-1	19639	19714	18788	19381	2.65	cps
Molybdenum	96-1	21200	21167	22026	21464	2.27	cps
Molybdenum	97-1	11497	12506	12006	12003	4.20	cps
Molybdenum	98-1	29248	29866	30359	29824	1.87	cps
Neodymium	150-1	0	13	27	13	100.01	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1383	1253	1187	1275	7.85	cps
Phosphorus	31-2	242	142	208	197	25.82	cps
Potassium	39-2	89300	88622	88479	88800	0.49	cps
Rhodium	103-1	8653102	9025814	8885550	8854822	2.13	cps
Rhodium	103-2	4139413	4219874	4258923	4206070	1.45	cps
Scandium	45-1	7574113	7545987	7724199	7614766	1.26	cps
Scandium	45-2	242545	243253	243360	243053	0.18	cps
Selenium	82-1	999	994	1087	1027	5.09	cps
Selenium	77-2	43	30	27	33	26.45	cps
Selenium	78-2	140	126	144	137	6.92	cps
Silicon	28-1	875753	853501	881087	870114	1.68	cps
Silver	107-1	8311	9162	9120	8864	5.41	cps
Silver	109-1	7544	8453	8128	8041	5.73	cps
Sodium	23-2	196706	199645	196756	197703	0.85	cps
Strontium	86-1	7744	8028	7819	7864	1.87	cps
Strontium	88-1	22193	22427	23262	22627	2.48	cps
Sulfur	34-1	517100	520046	524194	520447	0.68	cps
Terbium	159-1	9690861	9535955	9513416	9580077	1.01	cps
Terbium	159-2	4411900	4416189	4585243	4471111	2.21	cps
Thallium	203-1	4726	5251	5326	5101	6.41	cps
Thallium	205-1	12306	12314	12298	12306	0.07	cps
Tin	118-1	28756	29883	30526	29722	3.02	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 16:06:06	DataFile Name :	016LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6727	6969	7544	7080	5.93	cps
Uranium	238-1	13482	13257	12590	13110	3.54	cps
Vanadium	51-2	9503	9373	9100	9325	2.21	cps
Ytterbium	172-1	33	42	42	39	12.38	cps
Ytterbium	172-2	17	0	11	9	91.66	cps
Ytterbium	176-1	992	950	1108	1017	8.07	cps
Ytterbium	176-2	5662	6140	6152	5985	4.67	cps
Yttrium	89-1	16259718	16064064	16278960	16200914	0.73	cps
Yttrium	89-2	1697332	1711763	1710443	1706512	0.47	cps
Zinc	66-2	1057	923	1040	1007	7.22	cps
Zirconium	90-1	13932	15309	14616	14619	4.71	cps
Zirconium	91-1	3184	3175	3092	3150	1.61	cps

LB Number : LB117242 Operator : Jaswal
 Lab Sample ID : ICB67 Instrumnet Name : P8
 Client Sample ID : ICB67 Dilution Factor : 1
 Date & Time Acquired :: 2021-11-08 16:09:10 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	161	142	130	145	10.88	cps
Antimony	121-1	125	225	150	167	31.23	cps
Arsenic	75-2	15	11	9	12	26.19	cps
Barium	135-1	58	58	42	53	18.23	cps
Barium	137-1	50	83	58	64	27.15	cps
Beryllium	9-1	120	90	84	98	19.68	cps
Bismuth	209-1	5103665	5072295	4721352	4965771	4.27	cps
Bismuth	209-2	3132473	3155438	3058301	3115404	1.63	cps
Boron	10-1	3504	3296	3462	3420	3.22	cps
Boron	11-1	16482	16096	15745	16108	2.29	cps
Bromine	81-1	24757	24005	23354	24039	2.92	cps
Cadmium	111-1	3613	3493	3342	3483	3.89	cps
Cadmium	106-1	4184	4084	3851	4040	4.24	cps
Cadmium	108-1	46	75	29	50	46.40	cps
Calcium	43-1	354	380	312	349	9.76	cps
Calcium	44-1	48452	48995	49247	48898	0.83	cps
Carbon	12-1	6406102	6274417	6181613	6287377	1.79	cps
Carbon	12-2	59814	60124	58768	59569	1.19	cps
Chlorine	35-1	396570	398773	402389	399244	0.74	cps
Chlorine	35-2	2534	2267	2400	2400	5.56	cps
Chromium	52-2	843	883	787	838	5.80	cps
Cobalt	59-2	93	67	97	86	19.22	cps
Copper	63-2	780	817	810	802	2.43	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	25	67	117	69	66.09	cps
Erbium	164-2	23	30	33	29	17.63	cps
Gadolinium	160-1	58	33	42	44	28.65	cps
Gadolinium	160-2	73	83	100	86	15.75	cps
Holmium	165-1	8928578	9228745	8822457	8993260	2.34	cps
Holmium	165-2	4603291	4566921	4352557	4507590	3.01	cps
Indium	115-1	9161406	9259984	9099853	9173748	0.88	cps
Indium	115-2	1402234	1412114	1380986	1398445	1.14	cps
Iron	54-2	561	589	667	606	9.04	cps
Iron	56-2	4540	4295	4290	4375	3.26	cps
Iron	57-2	333	283	222	280	19.90	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	ICB67	Instrumnet Name :	P8
Client Sample ID :	ICB67	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 16:09:10	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	3344	3197	3130	3224	3.39	cps
Lead	206-1	644	861	761	756	14.35	cps
Lead	207-1	633	700	733	689	7.39	cps
Lead	208-1	2695	3211	3017	2974	8.77	cps
Lithium	6-1	4139557	4117824	4072584	4109988	0.83	cps
Magnesium	24-2	750	692	725	722	4.05	cps
Manganese	55-2	40	97	103	80	43.50	cps
Molybdenum	94-1	433	375	325	378	14.35	cps
Molybdenum	95-1	108	158	125	131	19.50	cps
Molybdenum	96-1	317	208	267	264	20.55	cps
Molybdenum	97-1	58	75	33	56	37.75	cps
Molybdenum	98-1	208	167	158	178	15.07	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	120	140	120	127	9.12	cps
Phosphorus	31-2	142	100	125	122	17.16	cps
Potassium	39-2	23328	22359	22852	22846	2.12	cps
Rhodium	103-1	8988981	9064393	8917180	8990185	0.82	cps
Rhodium	103-2	4352458	4210440	4102360	4221752	2.97	cps
Scandium	45-1	7779384	7780451	7674896	7744910	0.78	cps
Scandium	45-2	240961	244367	238460	241262	1.23	cps
Selenium	82-1	236	315	428	326	29.68	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	57	87	76	73	20.69	cps
Silicon	28-1	808869	808092	813398	810120	0.35	cps
Silver	107-1	258	192	300	250	21.86	cps
Silver	109-1	217	208	217	214	2.25	cps
Sodium	23-2	23511	22535	23019	23021	2.12	cps
Strontium	86-1	5093	5143	4809	5015	3.59	cps
Strontium	88-1	258	383	275	306	22.21	cps
Sulfur	34-1	533908	527907	530148	530654	0.57	cps
Terbium	159-1	9556680	9330877	9399218	9428925	1.23	cps
Terbium	159-2	4624952	4598966	4485278	4569732	1.63	cps
Thallium	203-1	642	725	583	650	10.95	cps
Thallium	205-1	1350	1200	1150	1233	8.44	cps
Tin	118-1	1167	917	858	981	16.71	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	ICB67	Instrumnet Name :	P8
Client Sample ID :	ICB67	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 16:09:10	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	225	342	217	261	26.77	cps
Uranium	238-1	8	17	8	11	43.34	cps
Vanadium	51-2	7	27	3	12	103.26	cps
Ytterbium	172-1	8	50	50	36	66.62	cps
Ytterbium	172-2	28	6	11	15	78.05	cps
Ytterbium	176-1	992	908	975	958	4.60	cps
Ytterbium	176-2	6013	6007	6291	6103	2.66	cps
Yttrium	89-1	15965711	16432312	15555078	15984367	2.75	cps
Yttrium	89-2	1700713	1760021	1682309	1714347	2.37	cps
Zinc	66-2	243	317	277	279	13.16	cps
Zirconium	90-1	825	1092	1000	972	13.94	cps
Zirconium	91-1	150	183	225	186	20.19	cps

LB Number : LB117242 Operator : Jaswal
 Lab Sample ID : ICSA67 Instrumnet Name : P8
 Client Sample ID : ICSA67 Dilution Factor : 1
 Date & Time Acquired :: 2021-11-08 16:12:13 DataFile Name : 018ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6474071	6572275	6598392	6548246	1.00	cps
Antimony	121-1	36417	35881	35731	36010	1.00	cps
Arsenic	75-2	74	83	79	79	5.73	cps
Barium	135-1	4126	2925	2584	3212	25.23	cps
Barium	137-1	7672	4726	5051	5816	27.77	cps
Beryllium	9-1	1142	794	732	889	24.85	cps
Bismuth	209-1	4818489	4925633	4879468	4874530	1.10	cps
Bismuth	209-2	2901575	2908612	2973739	2927976	1.36	cps
Boron	10-1	3300	3200	3112	3204	2.94	cps
Boron	11-1	15391	14727	14750	14956	2.52	cps
Bromine	81-1	22591	23715	25550	23952	6.23	cps
Cadmium	111-1	5352	5109	5110	5191	2.70	cps
Cadmium	106-1	3876	3701	3734	3770	2.47	cps
Cadmium	108-1	1679	1567	1442	1563	7.60	cps
Calcium	43-1	3123252	3213002	3169524	3168593	1.42	cps
Calcium	44-1	51528369	51825927	52171449	51841915	0.62	cps
Carbon	12-1	33432430	35058328	33199792	33896850	2.99	cps
Carbon	12-2	326669	329292	328271	328077	0.40	cps
Chlorine	35-1	13345668	17300198	20345461	16997109	20.65	cps
Chlorine	35-2	167562	186660	201033	185085	9.07	cps
Chromium	52-2	54674	54955	55467	55032	0.73	cps
Cobalt	59-2	5371	5528	5615	5504	2.24	cps
Copper	63-2	27490	26625	28151	27422	2.79	cps
Dysprosium	156-1	33	33	33	33	0.00	cps
Dysprosium	156-2	20	23	13	19	26.96	cps
Erbium	164-1	75	92	142	103	33.76	cps
Erbium	164-2	40	33	33	36	10.83	cps
Gadolinium	160-1	58	83	125	89	37.89	cps
Gadolinium	160-2	70	97	103	90	19.60	cps
Holmium	165-1	9147459	9115045	9457574	9240026	2.05	cps
Holmium	165-2	4432909	4416174	4453413	4434165	0.42	cps
Indium	115-1	8806364	8940001	8832507	8859624	0.80	cps
Indium	115-2	1310472	1325540	1303111	1313041	0.87	cps
Iron	54-2	11275526	11524652	11226110	11342096	1.41	cps
Iron	56-2	204755693	204487716	202601760	203948390	0.58	cps
Iron	57-2	5147582	5236075	5268455	5217371	1.20	cps

LB Number : LB117242 Operator : Jaswal
 Lab Sample ID : ICSA67 Instrumnet Name : P8
 Client Sample ID : ICSA67 Dilution Factor : 1
 Date & Time Acquired :: 2021-11-08 16:12:13 DataFile Name : 018ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	3490	3200	3350	3347	4.33	cps
Lead	206-1	23923	22080	21613	22539	5.42	cps
Lead	207-1	18586	17874	18291	18250	1.96	cps
Lead	208-1	90947	83071	83277	85765	5.23	cps
Lithium	6-1	4104500	4209836	4280575	4198304	2.11	cps
Magnesium	24-2	20092818	20068394	19960314	20040509	0.35	cps
Manganese	55-2	10294	10401	10164	10286	1.15	cps
Molybdenum	94-1	4864537	4999037	4906753	4923443	1.40	cps
Molybdenum	95-1	8809246	8776493	8660594	8748778	0.89	cps
Molybdenum	96-1	9463440	9449054	9490689	9467728	0.22	cps
Molybdenum	97-1	5377466	5383917	5267315	5342899	1.23	cps
Molybdenum	98-1	13832290	14210177	14126000	14056156	1.41	cps
Neodymium	150-1	53	100	47	67	43.59	cps
Neodymium	150-2	13	17	3	11	62.48	cps
Nickel	60-2	7099	7072	6925	7032	1.33	cps
Phosphorus	31-2	370304	374582	370095	371660	0.68	cps
Potassium	39-2	15381644	15467199	15271255	15373366	0.64	cps
Rhodium	103-1	8264780	8543356	8508131	8438755	1.80	cps
Rhodium	103-2	3934788	3903335	3930167	3922764	0.43	cps
Scandium	45-1	7535419	7700916	7642476	7626270	1.10	cps
Scandium	45-2	228350	235329	228040	230573	1.79	cps
Selenium	82-1	158	369	288	271	39.24	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	69	62	46	59	19.99	cps
Silicon	28-1	973739	993088	957517	974781	1.83	cps
Silver	107-1	758	600	617	658	13.22	cps
Silver	109-1	733	625	433	597	25.44	cps
Sodium	23-2	40769600	41596570	40660580	41008917	1.25	cps
Strontium	86-1	115396	111720	110174	112430	2.39	cps
Strontium	88-1	923720	895521	905131	908124	1.58	cps
Sulfur	34-1	5022696	5154053	4989551	5055434	1.72	cps
Terbium	159-1	9530279	9652075	9639437	9607264	0.70	cps
Terbium	159-2	4377356	4430550	4433361	4413756	0.71	cps
Thallium	203-1	1409	950	942	1100	24.28	cps
Thallium	205-1	3593	1925	2292	2603	33.66	cps
Tin	118-1	5502	4226	4418	4715	14.59	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	ICSA67	Instrumnet Name :	P8
Client Sample ID :	ICSA67	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 16:12:13	DataFile Name :	018ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3170532	3230036	3187031	3195866	0.96	cps
Uranium	238-1	1875	233	250	786	119.97	cps
Vanadium	51-2	387	377	337	367	7.22	cps
Ytterbium	172-1	83	17	42	47	71.32	cps
Ytterbium	172-2	28	17	17	20	31.48	cps
Ytterbium	176-1	908	975	908	931	4.14	cps
Ytterbium	176-2	5535	6040	6024	5866	4.90	cps
Yttrium	89-1	15749728	15729729	16154621	15878026	1.51	cps
Yttrium	89-2	1650853	1626856	1644205	1640638	0.76	cps
Zinc	66-2	4391	4341	4327	4353	0.77	cps
Zirconium	90-1	2367	1075	1208	1550	45.84	cps
Zirconium	91-1	858	342	308	503	61.34	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	ICSAB67	Instrumnet Name :	P8
Client Sample ID :	ICSAB67	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 16:15:09	DataFile Name :	019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6222442	6118603	6221124	6187390	0.96	cps
Antimony	121-1	165074	167188	163208	165157	1.21	cps
Arsenic	75-2	4989	4997	5068	5018	0.87	cps
Barium	135-1	42534	42584	42017	42378	0.74	cps
Barium	137-1	71112	72361	71179	71551	0.98	cps
Beryllium	9-1	51010	51660	51929	51533	0.92	cps
Bismuth	209-1	5088557	5098915	4947464	5044979	1.68	cps
Bismuth	209-2	2933665	2923317	3131804	2996262	3.92	cps
Boron	10-1	2466	2252	2194	2304	6.22	cps
Boron	11-1	11530	11260	10736	11175	3.61	cps
Bromine	81-1	23614	24397	23975	23995	1.63	cps
Cadmium	111-1	46617	46635	46096	46449	0.66	cps
Cadmium	106-1	7827	7969	7319	7705	4.44	cps
Cadmium	108-1	3901	4272	4163	4112	4.64	cps
Calcium	43-1	3144551	3107093	3141032	3130892	0.66	cps
Calcium	44-1	50615752	49984972	50102077	50234267	0.67	cps
Carbon	12-1	33228555	32533144	33625717	33129139	1.67	cps
Carbon	12-2	317430	322921	325611	321987	1.30	cps
Chlorine	35-1	28005894	31361367	34205709	31190990	9.95	cps
Chlorine	35-2	239628	247913	253761	247101	2.87	cps
Chromium	52-2	105119	107175	105107	105800	1.13	cps
Cobalt	59-2	100868	100223	101667	100919	0.72	cps
Copper	63-2	95971	94036	96090	95366	1.21	cps
Dysprosium	156-1	33	33	25	31	15.74	cps
Dysprosium	156-2	10	13	17	13	25.01	cps
Erbium	164-1	117	92	67	92	27.27	cps
Erbium	164-2	37	37	43	39	9.89	cps
Gadolinium	160-1	108	108	117	111	4.33	cps
Gadolinium	160-2	87	80	87	84	4.56	cps
Holmium	165-1	9886798	9651548	9072991	9537112	4.39	cps
Holmium	165-2	4623850	4526542	4706806	4619066	1.95	cps
Indium	115-1	9094771	9251514	8782658	9042981	2.64	cps
Indium	115-2	1353209	1345797	1380810	1359939	1.36	cps
Iron	54-2	10789727	10631251	10600149	10673709	0.95	cps
Iron	56-2	195088749	198447827	197960082	197165553	0.92	cps
Iron	57-2	4895060	5014291	5001173	4970175	1.32	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	ICSAB67	Instrumnet Name :	P8
Client Sample ID :	ICSAB67	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 16:15:09	DataFile Name :	019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	3344	3254	3244	3280	1.68	cps
Lead	206-1	112390	110355	110652	111132	0.99	cps
Lead	207-1	92496	95032	95121	94216	1.58	cps
Lead	208-1	431768	436782	442052	436867	1.18	cps
Lithium	6-1	4268170	4421020	4062339	4250509	4.23	cps
Magnesium	24-2	18996385	19004141	19282116	19094214	0.85	cps
Manganese	55-2	35695	34802	35641	35379	1.41	cps
Molybdenum	94-1	4837408	4903328	4811458	4850731	0.98	cps
Molybdenum	95-1	8506544	8631353	8584665	8574187	0.74	cps
Molybdenum	96-1	9188133	9252173	9301178	9247161	0.61	cps
Molybdenum	97-1	5139109	5119726	5252702	5170512	1.39	cps
Molybdenum	98-1	13415303	13431385	13454615	13433768	0.15	cps
Neodymium	150-1	47	53	60	53	12.50	cps
Neodymium	150-2	10	10	20	13	43.30	cps
Nickel	60-2	31913	32531	32083	32175	0.99	cps
Phosphorus	31-2	357336	350837	356248	354807	0.98	cps
Potassium	39-2	14826950	14598198	14921004	14782051	1.12	cps
Rhodium	103-1	8688257	8630885	8527986	8615709	0.94	cps
Rhodium	103-2	3997868	3982116	4102885	4027623	1.63	cps
Scandium	45-1	7866652	7829572	7461021	7719082	2.91	cps
Scandium	45-2	234861	233431	240788	236360	1.65	cps
Selenium	82-1	3495	3661	3429	3528	3.39	cps
Selenium	77-2	137	137	107	127	13.67	cps
Selenium	78-2	387	370	393	383	3.11	cps
Silicon	28-1	975180	1000504	985058	986914	1.29	cps
Silver	107-1	194210	197706	193177	195031	1.22	cps
Silver	109-1	187660	183980	184905	185515	1.03	cps
Sodium	23-2	39296406	38594111	39116253	39002257	0.94	cps
Strontium	86-1	109613	108604	109461	109226	0.50	cps
Strontium	88-1	894539	897753	886357	892883	0.66	cps
Sulfur	34-1	4908207	4761989	4989287	4886494	2.36	cps
Terbium	159-1	10090264	9738096	9858477	9895612	1.81	cps
Terbium	159-2	4581575	4461445	4544659	4529226	1.36	cps
Thallium	203-1	116153	115194	118971	116773	1.68	cps
Thallium	205-1	277252	272080	267600	272311	1.77	cps
Tin	118-1	4059	3634	3801	3831	5.59	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	ICSAB67	Instrumnet Name :	P8
Client Sample ID :	ICSAB67	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 16:15:09	DataFile Name :	019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3020674	3014941	2945498	2993704	1.40	cps
Uranium	238-1	375	417	242	344	26.54	cps
Vanadium	51-2	44148	43299	44091	43846	1.08	cps
Ytterbium	172-1	42	42	25	36	26.65	cps
Ytterbium	172-2	28	11	22	20	41.67	cps
Ytterbium	176-1	883	942	1000	942	6.19	cps
Ytterbium	176-2	5835	6118	5951	5968	2.39	cps
Yttrium	89-1	16176150	16665696	15955283	16265710	2.24	cps
Yttrium	89-2	1670922	1665571	1716673	1684389	1.67	cps
Zinc	66-2	11695	11725	11632	11684	0.41	cps
Zirconium	90-1	1117	1083	1192	1131	4.91	cps
Zirconium	91-1	292	342	292	308	9.36	cps

LB Number : LB117242 Operator : Jaswal
 Lab Sample ID : CCV90 Instrumnet Name : P8
 Client Sample ID : CCV90 Dilution Factor : 1
 Date & Time Acquired :: 2021-11-08 16:18:02 DataFile Name : 020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3483386	3396600	3459662	3446549	1.30	cps
Antimony	121-1	3688501	3709870	3708750	3702373	0.32	cps
Arsenic	75-2	128378	127461	126717	127518	0.65	cps
Barium	135-1	4863037	4682918	4820329	4788761	1.97	cps
Barium	137-1	8221697	7819399	8096986	8046027	2.56	cps
Beryllium	9-1	1214696	1212870	1190782	1206116	1.10	cps
Bismuth	209-1	4887540	4902355	5033050	4940982	1.62	cps
Bismuth	209-2	2822217	2820759	2889965	2844314	1.39	cps
Boron	10-1	128828	131009	137111	132316	3.25	cps
Boron	11-1	611548	633835	650468	631950	3.09	cps
Bromine	81-1	23454	22872	23193	23173	1.26	cps
Cadmium	111-1	1003241	1004991	1009459	1005897	0.32	cps
Cadmium	106-1	108871	106074	106981	107309	1.33	cps
Cadmium	108-1	73705	73189	73973	73622	0.54	cps
Calcium	43-1	8145445	7998237	7838473	7994052	1.92	cps
Calcium	44-1	133025769	129188787	128797845	130337467	1.79	cps
Carbon	12-1	8186997	8306408	8597998	8363801	2.53	cps
Carbon	12-2	86814	85206	86538	86186	1.00	cps
Chlorine	35-1	10467860	10183512	9643291	10098221	4.15	cps
Chlorine	35-2	58628	55683	51174	55162	6.81	cps
Chromium	52-2	1366325	1350638	1351221	1356061	0.66	cps
Cobalt	59-2	2488657	2514822	2381915	2461798	2.86	cps
Copper	63-2	18074851	18388168	18345459	18269493	0.93	cps
Dysprosium	156-1	742	792	700	744	6.17	cps
Dysprosium	156-2	360	357	260	326	17.45	cps
Erbium	164-1	175	142	142	153	12.60	cps
Erbium	164-2	77	50	63	63	21.06	cps
Gadolinium	160-1	800	633	642	692	13.58	cps
Gadolinium	160-2	307	413	393	371	15.28	cps
Holmium	165-1	9368256	9196422	9276606	9280428	0.93	cps
Holmium	165-2	4699972	4535057	4577025	4604018	1.86	cps
Indium	115-1	8788337	8918032	8832132	8846167	0.75	cps
Indium	115-2	1336645	1344945	1334856	1338815	0.40	cps
Iron	54-2	13836825	14270727	13756466	13954673	1.98	cps
Iron	56-2	252634472	255884456	254403933	254307620	0.64	cps
Iron	57-2	6444913	6284801	6299886	6343200	1.39	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	CCV90	Instrumnet Name :	P8
Client Sample ID :	CCV90	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 16:18:02	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	3424	3520	3144	3363	5.82	cps
Lead	206-1	11567736	11706061	11622740	11632179	0.60	cps
Lead	207-1	10044853	10046581	10239231	10110222	1.11	cps
Lead	208-1	46321610	46094228	46516698	46310845	0.46	cps
Lithium	6-1	4136687	4150314	4140663	4142555	0.17	cps
Magnesium	24-2	51596163	50498100	50848041	50980768	1.10	cps
Manganese	55-2	6747508	6788695	6785693	6773965	0.34	cps
Molybdenum	94-1	16912497	17027355	16877434	16939096	0.46	cps
Molybdenum	95-1	24441510	24880266	25010730	24777502	1.20	cps
Molybdenum	96-1	26791259	27533181	26887731	27070724	1.49	cps
Molybdenum	97-1	14953816	15254452	14833821	15014030	1.44	cps
Molybdenum	98-1	38747604	39905581	38327645	38993610	2.10	cps
Neodymium	150-1	367	287	220	291	25.23	cps
Neodymium	150-2	30	33	30	31	6.18	cps
Nickel	60-2	632362	625865	618753	625660	1.09	cps
Phosphorus	31-2	38401	37976	37650	38009	0.99	cps
Potassium	39-2	19990875	19809832	19701516	19834074	0.74	cps
Rhodium	103-1	8328587	8347072	8312601	8329420	0.21	cps
Rhodium	103-2	3886533	3855028	3878709	3873423	0.42	cps
Scandium	45-1	7959660	7485778	7833334	7759591	3.16	cps
Scandium	45-2	240726	239571	235536	238611	1.14	cps
Selenium	82-1	82819	82811	82754	82795	0.04	cps
Selenium	77-2	2410	2317	2384	2370	2.03	cps
Selenium	78-2	8386	8394	8300	8360	0.62	cps
Silicon	28-1	4335774	4556555	4647028	4513119	3.55	cps
Silver	107-1	5185807	5077044	5082067	5114973	1.20	cps
Silver	109-1	4888674	4844075	4921527	4884759	0.80	cps
Sodium	23-2	102477575	101258665	100946669	101560970	0.80	cps
Strontium	86-1	15743591	15539041	15445322	15575985	0.98	cps
Strontium	88-1	133839015	132149340	132829978	132939445	0.64	cps
Sulfur	34-1	968116	982591	973289	974666	0.75	cps
Terbium	159-1	9932059	9595719	9831877	9786552	1.76	cps
Terbium	159-2	4643493	4517268	4478270	4546344	1.90	cps
Thallium	203-1	2868564	2864194	2868583	2867114	0.09	cps
Thallium	205-1	6732191	6683891	6672530	6696204	0.47	cps
Tin	118-1	3317699	3369854	3417447	3368334	1.48	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	CCV90	Instrumnet Name :	P8
Client Sample ID :	CCV90	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 16:18:02	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	8680599	8404750	8616903	8567417	1.69	cps
Uranium	238-1	8111166	8410760	8458258	8326728	2.26	cps
Vanadium	51-2	1115341	1117349	1091317	1108002	1.31	cps
Ytterbium	172-1	92	67	58	72	24.02	cps
Ytterbium	172-2	39	22	33	31	26.96	cps
Ytterbium	176-1	13407	13632	12982	13340	2.48	cps
Ytterbium	176-2	11917	11822	12134	11957	1.34	cps
Yttrium	89-1	16241856	15858476	15757557	15952630	1.60	cps
Yttrium	89-2	1686272	1661254	1681187	1676238	0.79	cps
Zinc	66-2	1884531	1916230	1894391	1898384	0.85	cps
Zirconium	90-1	8166903	8042404	8041311	8083540	0.89	cps
Zirconium	91-1	1868134	1864200	1837945	1856760	0.88	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	CCB90	Instrumnet Name :	P8
Client Sample ID :	CCB90	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 16:25:41	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	192	230	190	204	10.97	cps
Antimony	121-1	558	542	683	594	13.03	cps
Arsenic	75-2	9	9	13	10	22.35	cps
Barium	135-1	75	117	117	103	23.41	cps
Barium	137-1	208	175	108	164	31.07	cps
Beryllium	9-1	176	144	170	163	10.42	cps
Bismuth	209-1	4960442	5063676	5122466	5048862	1.62	cps
Bismuth	209-2	3094057	3130365	3219559	3147994	2.05	cps
Boron	10-1	3860	3660	3210	3576	9.31	cps
Boron	11-1	18024	17095	16476	17198	4.53	cps
Bromine	81-1	23424	23855	23684	23654	0.92	cps
Cadmium	111-1	3034	2963	3308	3102	5.88	cps
Cadmium	106-1	3509	3384	3801	3564	6.00	cps
Cadmium	108-1	46	17	29	31	47.88	cps
Calcium	43-1	511	471	469	484	4.93	cps
Calcium	44-1	58065	57233	58005	57767	0.80	cps
Carbon	12-1	6343119	6117978	6155558	6205552	1.94	cps
Carbon	12-2	56016	57220	56225	56487	1.14	cps
Chlorine	35-1	2571384	2503106	2469089	2514527	2.07	cps
Chlorine	35-2	14524	14016	14099	14213	1.92	cps
Chromium	52-2	847	897	857	867	3.05	cps
Cobalt	59-2	117	123	140	127	9.49	cps
Copper	63-2	1123	1200	1190	1171	3.56	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	83	33	58	58	42.87	cps
Erbium	164-2	17	37	33	29	37.08	cps
Gadolinium	160-1	33	83	67	61	41.67	cps
Gadolinium	160-2	87	97	123	102	18.54	cps
Holmium	165-1	9351236	9187143	9236143	9258174	0.91	cps
Holmium	165-2	4630204	4475763	4610033	4572000	1.84	cps
Indium	115-1	9067041	9235157	9268963	9190387	1.18	cps
Indium	115-2	1401633	1404795	1414105	1406845	0.46	cps
Iron	54-2	1000	694	989	894	19.38	cps
Iron	56-2	8847	9198	8508	8851	3.89	cps
Iron	57-2	422	350	467	413	14.26	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	CCB90	Instrumnet Name :	P8
Client Sample ID :	CCB90	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 16:25:41	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	3024	3197	3220	3147	3.42	cps
Lead	206-1	1267	1122	1000	1130	11.82	cps
Lead	207-1	1067	867	1067	1000	11.55	cps
Lead	208-1	4689	4362	4373	4474	4.16	cps
Lithium	6-1	4352076	4375885	4174196	4300719	2.56	cps
Magnesium	24-2	1358	1358	1517	1411	6.48	cps
Manganese	55-2	193	223	177	198	11.96	cps
Molybdenum	94-1	742	650	650	681	7.78	cps
Molybdenum	95-1	833	758	567	719	19.11	cps
Molybdenum	96-1	1008	775	983	922	13.89	cps
Molybdenum	97-1	450	433	300	394	20.84	cps
Molybdenum	98-1	1150	775	1050	992	19.58	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	153	150	147	150	2.22	cps
Phosphorus	31-2	92	142	67	100	38.19	cps
Potassium	39-2	24522	24054	24179	24251	1.00	cps
Rhodium	103-1	8975288	9087482	9245135	9102635	1.49	cps
Rhodium	103-2	4281116	4171899	4290865	4247960	1.55	cps
Scandium	45-1	7794921	7733463	7582533	7703639	1.42	cps
Scandium	45-2	239952	241830	243430	241737	0.72	cps
Selenium	82-1	485	267	265	339	37.35	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	66	57	70	64	10.35	cps
Silicon	28-1	813299	816414	820802	816838	0.46	cps
Silver	107-1	583	442	550	525	14.11	cps
Silver	109-1	433	417	350	400	11.03	cps
Sodium	23-2	31401	30975	31108	31161	0.70	cps
Strontium	86-1	5176	5293	5126	5198	1.65	cps
Strontium	88-1	2167	2234	2217	2206	1.57	cps
Sulfur	34-1	512367	501604	503684	505885	1.13	cps
Terbium	159-1	9807253	9758821	9853237	9806437	0.48	cps
Terbium	159-2	4578601	4464529	4548199	4530443	1.30	cps
Thallium	203-1	792	975	783	850	12.75	cps
Thallium	205-1	1859	2009	1992	1953	4.21	cps
Tin	118-1	958	908	1258	1042	18.17	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	CCB90	Instrumnet Name :	P8
Client Sample ID :	CCB90	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 16:25:41	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	467	408	400	425	8.55	cps
Uranium	238-1	125	108	108	114	8.45	cps
Vanadium	51-2	33	20	33	29	26.64	cps
Ytterbium	172-1	33	25	33	31	15.74	cps
Ytterbium	172-2	6	22	11	13	65.44	cps
Ytterbium	176-1	1008	883	1008	967	7.47	cps
Ytterbium	176-2	5718	5974	6090	5927	3.21	cps
Yttrium	89-1	16134769	16656732	16341394	16377632	1.61	cps
Yttrium	89-2	1686256	1728738	1703270	1706088	1.25	cps
Zinc	66-2	267	283	260	270	4.45	cps
Zirconium	90-1	942	1133	1117	1064	9.98	cps
Zirconium	91-1	242	125	217	194	31.59	cps

LB Number : LB117242 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2021-11-08 16:28:45 DataFile Name : 022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1257	1180	1197	1212	3.35	cps
Antimony	121-1	12223	11989	12264	12159	1.22	cps
Arsenic	75-2	194	206	209	203	3.91	cps
Barium	135-1	14658	14717	15000	14792	1.24	cps
Barium	137-1	26109	25341	26051	25834	1.66	cps
Beryllium	9-1	2074	2078	2208	2120	3.60	cps
Bismuth	209-1	5164487	4997537	5235962	5132662	2.38	cps
Bismuth	209-2	3149288	3048898	3126719	3108302	1.69	cps
Boron	10-1	6990	7272	7600	7288	4.19	cps
Boron	11-1	32684	34736	35466	34295	4.21	cps
Bromine	81-1	22221	23694	23324	23080	3.32	cps
Cadmium	111-1	5011	5142	5272	5142	2.54	cps
Cadmium	106-1	3909	4276	4142	4109	4.52	cps
Cadmium	108-1	158	175	154	163	6.78	cps
Calcium	43-1	13268	13305	13139	13237	0.66	cps
Calcium	44-1	268208	266754	267967	267643	0.29	cps
Carbon	12-1	7071592	7168976	7139131	7126566	0.70	cps
Carbon	12-2	64626	65731	66283	65547	1.29	cps
Chlorine	35-1	1911488	1829832	1803855	1848391	3.04	cps
Chlorine	35-2	11155	10804	10446	10802	3.28	cps
Chromium	52-2	5221	4888	5011	5040	3.34	cps
Cobalt	59-2	4121	3804	3911	3945	4.09	cps
Copper	63-2	7179	7359	6845	7127	3.66	cps
Dysprosium	156-1	8	25	0	11	114.58	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	117	117	33	89	54.13	cps
Erbium	164-2	17	40	27	28	42.13	cps
Gadolinium	160-1	67	50	67	61	15.75	cps
Gadolinium	160-2	53	57	73	61	17.53	cps
Holmium	165-1	8891172	8994165	9124523	9003287	1.30	cps
Holmium	165-2	4507516	4487917	4539638	4511690	0.58	cps
Indium	115-1	8926871	9069018	8948369	8981419	0.85	cps
Indium	115-2	1379742	1389976	1388235	1385984	0.40	cps
Iron	54-2	5312	5373	5679	5455	3.60	cps
Iron	56-2	88131	86840	89138	88036	1.31	cps
Iron	57-2	2472	2339	2445	2419	2.91	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 16:28:45	DataFile Name :	022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	3247	3317	3307	3290	1.15	cps
Lead	206-1	4495	4573	4684	4584	2.07	cps
Lead	207-1	3740	3928	4034	3901	3.83	cps
Lead	208-1	17349	18105	18400	17952	3.02	cps
Lithium	6-1	4165859	4192694	4138879	4165811	0.65	cps
Magnesium	24-2	85903	84830	82048	84260	2.36	cps
Manganese	55-2	1290	1290	1340	1307	2.21	cps
Molybdenum	94-1	14566	15743	16018	15442	4.99	cps
Molybdenum	95-1	17920	18087	18287	18098	1.02	cps
Molybdenum	96-1	20257	20799	20265	20440	1.52	cps
Molybdenum	97-1	11997	11322	11897	11739	3.11	cps
Molybdenum	98-1	29516	28664	28730	28970	1.64	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1190	1107	1157	1151	3.64	cps
Phosphorus	31-2	167	183	217	189	13.48	cps
Potassium	39-2	86039	86334	85151	85842	0.72	cps
Rhodium	103-1	8957300	8913945	8970462	8947236	0.33	cps
Rhodium	103-2	4215095	4173159	4170341	4186198	0.60	cps
Scandium	45-1	7748564	7723989	7615248	7695934	0.92	cps
Scandium	45-2	241281	237620	238927	239276	0.78	cps
Selenium	82-1	969	907	970	948	3.82	cps
Selenium	77-2	23	20	7	17	52.90	cps
Selenium	78-2	135	133	118	129	7.22	cps
Silicon	28-1	871371	874736	872560	872889	0.20	cps
Silver	107-1	7694	8294	8103	8030	3.82	cps
Silver	109-1	7310	7928	8178	7805	5.72	cps
Sodium	23-2	192485	190088	188879	190484	0.96	cps
Strontium	86-1	7769	7536	7986	7763	2.90	cps
Strontium	88-1	21200	22777	22544	22174	3.84	cps
Sulfur	34-1	504902	509372	511111	508462	0.63	cps
Terbium	159-1	9802611	9717842	9863119	9794524	0.75	cps
Terbium	159-2	4482121	4426536	4507870	4472175	0.93	cps
Thallium	203-1	5351	5368	5068	5262	3.21	cps
Thallium	205-1	12022	12748	12089	12287	3.26	cps
Tin	118-1	28505	29190	27837	28511	2.37	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 16:28:45	DataFile Name :	022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6702	6385	6710	6599	2.81	cps
Uranium	238-1	13232	12490	12356	12693	3.72	cps
Vanadium	51-2	8786	8769	8386	8647	2.62	cps
Ytterbium	172-1	17	17	33	22	43.28	cps
Ytterbium	172-2	6	6	17	9	69.24	cps
Ytterbium	176-1	942	992	983	972	2.76	cps
Ytterbium	176-2	5535	6157	5929	5874	5.36	cps
Yttrium	89-1	16072354	15593120	16056663	15907379	1.71	cps
Yttrium	89-2	1696396	1718468	1658354	1691073	1.80	cps
Zinc	66-2	980	1067	993	1013	4.61	cps
Zirconium	90-1	14116	13565	13957	13879	2.04	cps
Zirconium	91-1	2742	2884	3059	2895	5.48	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	M4530-01	Instrumnet Name :	P8
Client Sample ID :	SW-P287	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 16:31:47	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10819	7599	7709	8709	20.99	cps
Antimony	121-1	1425	1608	1458	1497	6.52	cps
Arsenic	75-2	726	608	675	670	8.84	cps
Barium	135-1	105778	103587	102496	103954	1.61	cps
Barium	137-1	175973	181532	177305	178270	1.63	cps
Beryllium	9-1	126	162	172	153	15.78	cps
Bismuth	209-1	5117619	5099619	4986084	5067774	1.41	cps
Bismuth	209-2	3161431	3156049	3144321	3153934	0.28	cps
Boron	10-1	17413	18308	19269	18330	5.06	cps
Boron	11-1	85950	89938	94062	89983	4.51	cps
Bromine	81-1	37780	41173	42729	40560	6.24	cps
Cadmium	111-1	3431	3627	3191	3416	6.39	cps
Cadmium	106-1	3867	4142	3651	3887	6.34	cps
Cadmium	108-1	42	42	71	51	32.76	cps
Calcium	43-1	473035	474867	468328	472076	0.71	cps
Calcium	44-1	7663045	7908890	7690559	7754165	1.74	cps
Carbon	12-1	12862108	14346769	15187633	14132170	8.33	cps
Carbon	12-2	152824	150887	154811	152841	1.28	cps
Chlorine	35-1	1681077	1663081	1704602	1682920	1.24	cps
Chlorine	35-2	10938	11538	10354	10943	5.41	cps
Chromium	52-2	3387	3027	2950	3122	7.47	cps
Cobalt	59-2	7212	6528	6792	6844	5.04	cps
Copper	63-2	25166	17538	20938	21214	18.02	cps
Dysprosium	156-1	950	792	942	895	9.96	cps
Dysprosium	156-2	420	420	500	447	10.34	cps
Erbium	164-1	750	808	775	778	3.76	cps
Erbium	164-2	343	330	303	326	6.26	cps
Gadolinium	160-1	792	867	800	819	5.02	cps
Gadolinium	160-2	593	600	593	596	0.65	cps
Holmium	165-1	9167699	9323580	8994978	9162086	1.79	cps
Holmium	165-2	4708395	4552624	4694319	4651779	1.85	cps
Indium	115-1	8847930	9351696	9049427	9083018	2.79	cps
Indium	115-2	1399095	1407538	1396305	1400980	0.42	cps
Iron	54-2	389586	381739	384422	385249	1.04	cps
Iron	56-2	7390721	7146041	6970690	7169151	2.94	cps
Iron	57-2	179800	174307	172855	175654	2.09	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	M4530-01	Instrumnet Name :	P8
Client Sample ID :	SW-P287	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 16:31:47	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	3284	3274	3287	3282	0.21	cps
Lead	206-1	4262	4340	4340	4314	1.04	cps
Lead	207-1	3417	3606	3445	3489	2.92	cps
Lead	208-1	16443	16493	16593	16510	0.46	cps
Lithium	6-1	4390721	4331981	4201583	4308095	2.25	cps
Magnesium	24-2	1089330	1000111	992265	1027235	5.25	cps
Manganese	55-2	734919	743432	727871	735407	1.06	cps
Molybdenum	94-1	2317	2067	2384	2256	7.40	cps
Molybdenum	95-1	2559	2867	2692	2706	5.72	cps
Molybdenum	96-1	3017	2759	3250	3009	8.18	cps
Molybdenum	97-1	1558	1475	1625	1553	4.84	cps
Molybdenum	98-1	4126	3801	3634	3853	6.49	cps
Neodymium	150-1	1267	1167	847	1093	20.07	cps
Neodymium	150-2	453	393	413	420	7.28	cps
Nickel	60-2	4384	4067	4277	4243	3.80	cps
Phosphorus	31-2	867	817	733	806	8.36	cps
Potassium	39-2	771522	762616	764439	766192	0.61	cps
Rhodium	103-1	8858593	9039044	8688873	8862170	1.98	cps
Rhodium	103-2	4234751	4179127	4224145	4212674	0.70	cps
Scandium	45-1	7615052	7901795	7498886	7671911	2.70	cps
Scandium	45-2	243099	242166	239358	241541	0.81	cps
Selenium	82-1	256	250	300	269	10.20	cps
Selenium	77-2	7	0	7	4	86.60	cps
Selenium	78-2	71	77	79	76	5.50	cps
Silicon	28-1	28719446	29328203	29630989	29226213	1.59	cps
Silver	107-1	425	467	517	469	9.78	cps
Silver	109-1	383	325	325	344	9.78	cps
Sodium	23-2	6347260	6538790	6342422	6409491	1.75	cps
Strontium	86-1	250398	247340	248788	248842	0.61	cps
Strontium	88-1	2060332	2116276	2081710	2086106	1.35	cps
Sulfur	34-1	937464	949365	938961	941930	0.69	cps
Terbium	159-1	9885549	9822357	9684913	9797606	1.05	cps
Terbium	159-2	4541793	4583200	4489110	4538034	1.04	cps
Thallium	203-1	675	608	708	664	7.67	cps
Thallium	205-1	1608	1450	1517	1525	5.21	cps
Tin	118-1	1742	1800	1834	1792	2.59	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	M4530-01	Instrumnet Name :	P8
Client Sample ID :	SW-P287	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 16:31:47	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6168	5793	5585	5849	5.06	cps
Uranium	238-1	817	783	983	861	12.44	cps
Vanadium	51-2	2560	2244	2210	2338	8.27	cps
Ytterbium	172-1	308	267	358	311	14.75	cps
Ytterbium	172-2	222	217	117	185	32.08	cps
Ytterbium	176-1	1350	1225	1175	1250	7.21	cps
Ytterbium	176-2	5746	5896	6318	5987	4.96	cps
Yttrium	89-1	15925218	16812880	15867440	16201846	3.27	cps
Yttrium	89-2	1748948	1718209	1725487	1730881	0.93	cps
Zinc	66-2	15329	13954	14348	14543	4.87	cps
Zirconium	90-1	2700	2809	2317	2609	9.91	cps
Zirconium	91-1	650	625	533	603	10.19	cps

LB Number : LB117242 Operator : Jaswal
 Lab Sample ID : CCV91 Instrumnet Name : P8
 Client Sample ID : CCV91 Dilution Factor : 1
 Date & Time Acquired :: 2021-11-08 16:37:28 DataFile Name : 024CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3432818	3435494	3496902	3455071	1.05	cps
Antimony	121-1	3687468	3717605	3705967	3703680	0.41	cps
Arsenic	75-2	126647	127737	129155	127846	0.98	cps
Barium	135-1	4833164	4687632	4754351	4758383	1.53	cps
Barium	137-1	8086822	8034324	8152738	8091295	0.73	cps
Beryllium	9-1	1206553	1199887	1223983	1210141	1.03	cps
Bismuth	209-1	4798866	4918714	4751080	4822887	1.79	cps
Bismuth	209-2	2835897	2901280	2936287	2891155	1.76	cps
Boron	10-1	126116	131100	135979	131065	3.76	cps
Boron	11-1	599224	619611	649848	622894	4.09	cps
Bromine	81-1	22381	22782	22642	22601	0.90	cps
Cadmium	111-1	989298	990272	995638	991736	0.34	cps
Cadmium	106-1	105889	103211	105084	104728	1.31	cps
Cadmium	108-1	70161	70207	72217	70862	1.66	cps
Calcium	43-1	7788207	7818347	7957077	7854544	1.15	cps
Calcium	44-1	127129352	127092226	128533549	127585042	0.64	cps
Carbon	12-1	8417091	8611818	8506918	8511942	1.14	cps
Carbon	12-2	85918	85113	84845	85292	0.65	cps
Chlorine	35-1	1218194	1212530	1198166	1209630	0.85	cps
Chlorine	35-2	7702	7035	7069	7269	5.17	cps
Chromium	52-2	1374431	1351404	1353620	1359818	0.93	cps
Cobalt	59-2	2425970	2523742	2449442	2466384	2.07	cps
Copper	63-2	17954196	17833053	18344277	18043842	1.48	cps
Dysprosium	156-1	758	783	708	750	5.09	cps
Dysprosium	156-2	337	323	307	322	4.66	cps
Erbium	164-1	133	192	158	161	18.16	cps
Erbium	164-2	73	50	70	64	19.58	cps
Gadolinium	160-1	625	450	600	558	16.95	cps
Gadolinium	160-2	327	403	447	392	15.49	cps
Holmium	165-1	9088854	8994038	9370698	9151197	2.14	cps
Holmium	165-2	4642192	4618937	4634545	4631891	0.26	cps
Indium	115-1	8754564	8600567	8553503	8636211	1.22	cps
Indium	115-2	1304382	1328550	1345957	1326296	1.57	cps
Iron	54-2	13905209	13924482	14061844	13963845	0.61	cps
Iron	56-2	253468256	250162317	255736728	253122433	1.11	cps
Iron	57-2	6315507	6417247	6311785	6348180	0.94	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	CCV91	Instrumnet Name :	P8
Client Sample ID :	CCV91	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 16:37:28	DataFile Name :	024CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	3117	3244	3520	3294	6.26	cps
Lead	206-1	11467961	11591800	11316143	11458635	1.20	cps
Lead	207-1	9933015	10017109	10021628	9990584	0.50	cps
Lead	208-1	45444490	45742500	45763909	45650300	0.39	cps
Lithium	6-1	4248138	4073670	4235680	4185829	2.33	cps
Magnesium	24-2	51551125	50664677	51510551	51242118	0.98	cps
Manganese	55-2	6859948	6622224	6842679	6774950	1.96	cps
Molybdenum	94-1	16833132	16655031	16514222	16667462	0.96	cps
Molybdenum	95-1	24248392	24065715	24338096	24217401	0.57	cps
Molybdenum	96-1	26424938	26368966	26418896	26404267	0.12	cps
Molybdenum	97-1	14731945	14691770	14775752	14733155	0.29	cps
Molybdenum	98-1	38595316	37813113	38759446	38389292	1.32	cps
Neodymium	150-1	240	307	247	264	13.88	cps
Neodymium	150-2	30	27	13	23	37.81	cps
Nickel	60-2	630638	627259	634872	630923	0.60	cps
Phosphorus	31-2	36388	38009	37942	37446	2.45	cps
Potassium	39-2	19404182	19620175	19621453	19548603	0.64	cps
Rhodium	103-1	8317941	8246637	8201571	8255383	0.71	cps
Rhodium	103-2	3929870	3850372	3950628	3910290	1.35	cps
Scandium	45-1	7536191	7559558	7612736	7569495	0.52	cps
Scandium	45-2	234049	238373	236013	236145	0.92	cps
Selenium	82-1	81112	80918	81672	81234	0.48	cps
Selenium	77-2	2410	2394	2460	2421	1.43	cps
Selenium	78-2	8056	8347	8114	8173	1.89	cps
Silicon	28-1	4257424	4472792	4508103	4412773	3.07	cps
Silver	107-1	5070942	5086837	4911165	5022981	1.93	cps
Silver	109-1	4790383	4885661	4857919	4844654	1.01	cps
Sodium	23-2	100541698	100487223	100667475	100565465	0.09	cps
Strontium	86-1	15186307	15484871	15487193	15386124	1.12	cps
Strontium	88-1	128416199	131361790	131538457	130438815	1.34	cps
Sulfur	34-1	965494	941326	970766	959195	1.64	cps
Terbium	159-1	9702701	9706799	9671713	9693738	0.20	cps
Terbium	159-2	4507121	4548911	4657179	4571070	1.69	cps
Thallium	203-1	2924446	2934860	2898921	2919409	0.63	cps
Thallium	205-1	6580489	6554452	6649252	6594731	0.74	cps
Tin	118-1	3336523	3229172	3238855	3268183	1.82	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	CCV91	Instrumnet Name :	P8
Client Sample ID :	CCV91	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 16:37:28	DataFile Name :	024CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	8328432	8405025	8467085	8400181	0.83	cps
Uranium	238-1	8270644	8303438	8308414	8294165	0.25	cps
Vanadium	51-2	1095561	1112912	1101395	1103289	0.80	cps
Ytterbium	172-1	92	67	83	81	15.80	cps
Ytterbium	172-2	39	83	28	50	58.79	cps
Ytterbium	176-1	13349	12731	13391	13157	2.81	cps
Ytterbium	176-2	11477	12245	12234	11985	3.67	cps
Yttrium	89-1	15985611	16032519	15970859	15996329	0.20	cps
Yttrium	89-2	1684575	1695628	1716326	1698843	0.95	cps
Zinc	66-2	1875163	1876590	1880803	1877519	0.16	cps
Zirconium	90-1	8133422	8022417	8096474	8084104	0.70	cps
Zirconium	91-1	1816640	1806782	1843993	1822472	1.06	cps

LB Number : LB117242 Operator : Jaswal
 Lab Sample ID : CCB91 Instrumnet Name : P8
 Client Sample ID : CCB91 Dilution Factor : 1
 Date & Time Acquired :: 2021-11-08 16:45:52 DataFile Name : 025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	140	182	151	158	13.95	cps
Antimony	121-1	458	483	683	542	22.77	cps
Arsenic	75-2	6	4	10	7	45.83	cps
Barium	135-1	50	58	58	56	8.66	cps
Barium	137-1	100	142	117	119	17.56	cps
Beryllium	9-1	98	108	90	99	9.14	cps
Bismuth	209-1	5209870	5216476	5124988	5183778	0.98	cps
Bismuth	209-2	3028793	3095535	3029502	3051277	1.26	cps
Boron	10-1	3796	3850	3778	3808	0.98	cps
Boron	11-1	18498	17783	17983	18088	2.04	cps
Bromine	81-1	23594	21579	22431	22535	4.49	cps
Cadmium	111-1	3054	2849	3237	3047	6.36	cps
Cadmium	106-1	3551	3300	3767	3539	6.60	cps
Cadmium	108-1	29	42	63	44	37.88	cps
Calcium	43-1	350	382	366	366	4.44	cps
Calcium	44-1	52181	51365	51345	51630	0.92	cps
Carbon	12-1	6341353	6302057	6271643	6305018	0.55	cps
Carbon	12-2	58149	57914	59705	58589	1.66	cps
Chlorine	35-1	806346	807461	789030	800946	1.29	cps
Chlorine	35-2	4834	4409	4284	4509	6.40	cps
Chromium	52-2	830	893	683	802	13.43	cps
Cobalt	59-2	77	57	87	73	20.83	cps
Copper	63-2	947	860	917	908	4.85	cps
Dysprosium	156-1	42	0	17	19	107.85	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	50	17	92	53	71.20	cps
Erbium	164-2	53	23	27	34	47.73	cps
Gadolinium	160-1	100	50	92	81	33.25	cps
Gadolinium	160-2	57	67	57	60	9.62	cps
Holmium	165-1	9224875	9186709	9245639	9219074	0.32	cps
Holmium	165-2	4388836	4614466	4376127	4459810	3.01	cps
Indium	115-1	8917015	8973948	9139917	9010293	1.29	cps
Indium	115-2	1373707	1362125	1360016	1365283	0.54	cps
Iron	54-2	706	606	800	704	13.82	cps
Iron	56-2	5718	5357	5157	5410	5.26	cps
Iron	57-2	317	267	272	285	9.61	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	CCB91	Instrumnet Name :	P8
Client Sample ID :	CCB91	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 16:45:52	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	3274	3307	3204	3262	1.62	cps
Lead	206-1	806	806	789	800	1.20	cps
Lead	207-1	694	689	689	691	0.46	cps
Lead	208-1	3322	3245	3261	3276	1.25	cps
Lithium	6-1	4122811	4314046	4285834	4240897	2.43	cps
Magnesium	24-2	900	750	917	856	10.73	cps
Manganese	55-2	117	133	103	118	12.77	cps
Molybdenum	94-1	642	500	492	544	15.48	cps
Molybdenum	95-1	308	358	392	353	11.89	cps
Molybdenum	96-1	492	508	467	489	4.29	cps
Molybdenum	97-1	308	217	150	225	35.33	cps
Molybdenum	98-1	742	692	525	653	17.38	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	107	130	143	127	14.65	cps
Phosphorus	31-2	108	67	142	106	35.60	cps
Potassium	39-2	22919	23319	22744	22994	1.28	cps
Rhodium	103-1	8845791	9000294	9012977	8953021	1.04	cps
Rhodium	103-2	4056048	4111934	4163270	4110417	1.30	cps
Scandium	45-1	7704116	7579277	7468796	7584063	1.55	cps
Scandium	45-2	230315	231643	232337	231432	0.44	cps
Selenium	82-1	261	217	324	267	20.15	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	75	73	57	68	14.44	cps
Silicon	28-1	807617	806356	796078	803350	0.79	cps
Silver	107-1	692	658	475	608	19.18	cps
Silver	109-1	458	475	425	453	5.62	cps
Sodium	23-2	27935	26809	27418	27387	2.06	cps
Strontium	86-1	5101	5234	5410	5248	2.95	cps
Strontium	88-1	1167	958	942	1022	12.27	cps
Sulfur	34-1	500089	500028	505532	501883	0.63	cps
Terbium	159-1	9602555	9749990	9405419	9585988	1.80	cps
Terbium	159-2	4439419	4443562	4418378	4433786	0.30	cps
Thallium	203-1	700	642	583	642	9.09	cps
Thallium	205-1	1608	1675	1283	1522	13.77	cps
Tin	118-1	958	958	1025	981	3.93	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	CCB91	Instrumnet Name :	P8
Client Sample ID :	CCB91	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 16:45:52	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	292	333	433	353	20.64	cps
Uranium	238-1	42	67	50	53	24.12	cps
Vanadium	51-2	13	17	20	17	20.01	cps
Ytterbium	172-1	50	58	33	47	26.96	cps
Ytterbium	172-2	11	0	17	9	91.66	cps
Ytterbium	176-1	950	1042	1067	1020	6.03	cps
Ytterbium	176-2	5724	5985	5918	5875	2.31	cps
Yttrium	89-1	15851486	15903261	15748166	15834304	0.50	cps
Yttrium	89-2	1661148	1663239	1670763	1665050	0.30	cps
Zinc	66-2	330	260	233	274	18.19	cps
Zirconium	90-1	1017	975	1100	1031	6.18	cps
Zirconium	91-1	200	183	150	178	14.32	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	M4530-01DUP	Instrumnet Name :	P8
Client Sample ID :	SW-P287DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 16:52:24	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7435	8499	8335	8090	7.08	cps
Antimony	121-1	1642	1533	1550	1575	3.70	cps
Arsenic	75-2	647	632	625	635	1.77	cps
Barium	135-1	99827	101672	104662	102054	2.39	cps
Barium	137-1	177499	177321	178485	177768	0.35	cps
Beryllium	9-1	116	160	140	139	15.89	cps
Bismuth	209-1	4904974	5022594	5119320	5015629	2.14	cps
Bismuth	209-2	3020277	3116390	3041546	3059404	1.65	cps
Boron	10-1	16610	18444	18888	17981	6.72	cps
Boron	11-1	81491	88779	91708	87326	6.02	cps
Bromine	81-1	37820	39346	42367	39844	5.81	cps
Cadmium	111-1	3166	3249	3353	3256	2.88	cps
Cadmium	106-1	3626	3717	3859	3734	3.15	cps
Cadmium	108-1	67	46	46	53	22.80	cps
Calcium	43-1	462937	463769	465486	464064	0.28	cps
Calcium	44-1	7584439	7724785	7743188	7684137	1.13	cps
Carbon	12-1	12680543	13847698	14397104	13641782	6.43	cps
Carbon	12-2	150137	150399	151569	150702	0.51	cps
Chlorine	35-1	933910	976563	1012452	974308	4.04	cps
Chlorine	35-2	6652	6702	6602	6652	0.75	cps
Chromium	52-2	2697	2877	2857	2810	3.51	cps
Cobalt	59-2	5828	6255	6251	6111	4.02	cps
Copper	63-2	17030	18654	18943	18209	5.66	cps
Dysprosium	156-1	775	725	800	767	4.98	cps
Dysprosium	156-2	430	450	473	451	4.81	cps
Erbium	164-1	833	808	833	825	1.75	cps
Erbium	164-2	363	360	303	342	9.85	cps
Gadolinium	160-1	967	1000	1017	995	2.56	cps
Gadolinium	160-2	467	530	533	510	7.37	cps
Holmium	165-1	9098984	8986730	9194993	9093569	1.15	cps
Holmium	165-2	4466786	4477075	4387413	4443758	1.10	cps
Indium	115-1	8949844	8886350	8933043	8923079	0.37	cps
Indium	115-2	1383480	1360072	1328955	1357502	2.01	cps
Iron	54-2	381115	375690	376176	377661	0.79	cps
Iron	56-2	6929443	6942977	7007302	6959907	0.60	cps
Iron	57-2	169318	170172	171015	170168	0.50	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	M4530-01DUP	Instrumnet Name :	P8
Client Sample ID :	SW-P287DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 16:52:24	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	3370	3270	3154	3265	3.32	cps
Lead	206-1	4167	4079	4179	4141	1.32	cps
Lead	207-1	3551	3534	3351	3478	3.19	cps
Lead	208-1	15726	16316	16076	16039	1.85	cps
Lithium	6-1	4205559	4190879	4221585	4206007	0.37	cps
Magnesium	24-2	980380	988806	981824	983670	0.46	cps
Manganese	55-2	715975	718761	718149	717628	0.20	cps
Molybdenum	94-1	2142	2109	2117	2122	0.82	cps
Molybdenum	95-1	2550	2317	2700	2523	7.66	cps
Molybdenum	96-1	2609	3017	3034	2887	8.34	cps
Molybdenum	97-1	1583	1417	1467	1489	5.74	cps
Molybdenum	98-1	3751	3701	3876	3776	2.39	cps
Neodymium	150-1	1140	1027	1073	1080	5.27	cps
Neodymium	150-2	370	403	363	379	5.66	cps
Nickel	60-2	4017	3964	4187	4056	2.88	cps
Phosphorus	31-2	800	925	808	844	8.28	cps
Potassium	39-2	736241	751606	745066	744304	1.04	cps
Rhodium	103-1	8636431	8680144	8823523	8713366	1.12	cps
Rhodium	103-2	4156444	4076106	4037425	4089991	1.48	cps
Scandium	45-1	7592386	7636427	7951323	7726712	2.53	cps
Scandium	45-2	234326	237670	231880	234625	1.24	cps
Selenium	82-1	198	281	462	314	43.11	cps
Selenium	77-2	0	7	10	6	91.64	cps
Selenium	78-2	75	60	56	64	15.73	cps
Silicon	28-1	28782168	28007353	28573551	28454357	1.41	cps
Silver	107-1	225	192	325	247	28.07	cps
Silver	109-1	167	133	150	150	11.11	cps
Sodium	23-2	6417491	6278527	6354820	6350279	1.10	cps
Strontium	86-1	236309	241836	241927	240024	1.34	cps
Strontium	88-1	2041580	2015415	2027993	2028329	0.65	cps
Sulfur	34-1	934629	945846	930706	937061	0.84	cps
Terbium	159-1	9566436	9792620	9765131	9708062	1.27	cps
Terbium	159-2	4567999	4478781	4271934	4439571	3.42	cps
Thallium	203-1	625	600	517	581	9.77	cps
Thallium	205-1	1483	1067	1283	1278	16.31	cps
Tin	118-1	1417	1525	1708	1550	9.51	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	M4530-01DUP	Instrumnet Name :	P8
Client Sample ID :	SW-P287DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 16:52:24	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5735	6185	5409	5776	6.74	cps
Uranium	238-1	875	775	950	867	10.13	cps
Vanadium	51-2	1957	2200	2184	2114	6.43	cps
Ytterbium	172-1	267	308	267	281	8.57	cps
Ytterbium	172-2	183	178	144	169	12.48	cps
Ytterbium	176-1	1025	1075	1108	1070	3.92	cps
Ytterbium	176-2	5562	6157	6452	6057	7.48	cps
Yttrium	89-1	15860434	15883936	16042058	15928809	0.62	cps
Yttrium	89-2	1688726	1691638	1626674	1669013	2.20	cps
Zinc	66-2	13446	13864	13660	13657	1.53	cps
Zirconium	90-1	3444	7905	2567	4639	61.71	cps
Zirconium	91-1	508	567	517	531	5.95	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	M4530-01LX5	Instrumnet Name :	P8
Client Sample ID :	SW-P287L	Dilution Factor :	5
Date & Time Acquired ::	2021-11-08 16:55:23	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1615	1650	1722	1662	3.30	cps
Antimony	121-1	433	433	425	431	1.12	cps
Arsenic	75-2	129	109	135	124	10.95	cps
Barium	135-1	21551	21668	21417	21545	0.58	cps
Barium	137-1	37636	37795	36625	37352	1.70	cps
Beryllium	9-1	146	118	122	129	11.77	cps
Bismuth	209-1	5345764	5176918	5098720	5207134	2.42	cps
Bismuth	209-2	3213291	3168980	3146194	3176155	1.07	cps
Boron	10-1	6660	6666	6696	6674	0.29	cps
Boron	11-1	32580	32381	31279	32080	2.18	cps
Bromine	81-1	27646	28248	27936	27943	1.08	cps
Cadmium	111-1	3308	3311	3805	3475	8.23	cps
Cadmium	106-1	3851	3809	4426	4028	8.56	cps
Cadmium	108-1	46	33	63	47	30.99	cps
Calcium	43-1	97259	96473	94616	96116	1.41	cps
Calcium	44-1	1679343	1687278	1675794	1680805	0.35	cps
Carbon	12-1	8911363	9109660	9094229	9038417	1.22	cps
Carbon	12-2	85885	86312	83922	85373	1.49	cps
Chlorine	35-1	910520	903304	900380	904734	0.58	cps
Chlorine	35-2	5076	5101	5259	5145	1.93	cps
Chromium	52-2	1173	1117	1130	1140	2.60	cps
Cobalt	59-2	1303	1343	1403	1350	3.73	cps
Copper	63-2	4044	4134	3991	4056	1.79	cps
Dysprosium	156-1	167	192	125	161	20.90	cps
Dysprosium	156-2	67	60	93	73	24.05	cps
Erbium	164-1	192	125	158	158	21.05	cps
Erbium	164-2	87	63	80	77	15.68	cps
Gadolinium	160-1	208	242	192	214	11.90	cps
Gadolinium	160-2	167	187	157	170	8.99	cps
Holmium	165-1	9397487	9289104	9467360	9384650	0.96	cps
Holmium	165-2	4647937	4553307	4672523	4624589	1.36	cps
Indium	115-1	9607755	9514260	9043770	9388595	3.22	cps
Indium	115-2	1403865	1415937	1433634	1417812	1.06	cps
Iron	54-2	78180	75767	77285	77078	1.58	cps
Iron	56-2	1498217	1427807	1443037	1456354	2.54	cps
Iron	57-2	34759	34431	34921	34704	0.72	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	M4530-01LX5	Instrumnet Name :	P8
Client Sample ID :	SW-P287L	Dilution Factor :	5
Date & Time Acquired ::	2021-11-08 16:55:23	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	3270	3147	3334	3250	2.92	cps
Lead	206-1	1389	1511	1406	1435	4.62	cps
Lead	207-1	1233	1272	1350	1285	4.62	cps
Lead	208-1	5723	5801	5662	5728	1.22	cps
Lithium	6-1	4455962	4562654	4359567	4459394	2.28	cps
Magnesium	24-2	202183	199836	196742	199587	1.37	cps
Manganese	55-2	147618	148272	148218	148036	0.25	cps
Molybdenum	94-1	658	875	892	808	16.10	cps
Molybdenum	95-1	625	683	608	639	6.16	cps
Molybdenum	96-1	1000	892	650	847	21.15	cps
Molybdenum	97-1	500	400	375	425	15.56	cps
Molybdenum	98-1	992	750	800	847	15.06	cps
Neodymium	150-1	220	220	247	229	6.72	cps
Neodymium	150-2	70	60	80	70	14.29	cps
Nickel	60-2	823	850	940	871	7.02	cps
Phosphorus	31-2	258	292	258	269	7.14	cps
Potassium	39-2	169995	166975	167742	168238	0.93	cps
Rhodium	103-1	9172906	9112488	9168645	9151346	0.37	cps
Rhodium	103-2	4224144	4317137	4216058	4252446	1.32	cps
Scandium	45-1	7865347	7857249	7762963	7828520	0.73	cps
Scandium	45-2	243849	242539	240163	242183	0.77	cps
Selenium	82-1	274	255	188	239	18.94	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	68	66	93	76	19.88	cps
Silicon	28-1	6614072	6590905	6413922	6539633	1.67	cps
Silver	107-1	133	192	167	164	17.86	cps
Silver	109-1	108	133	142	128	13.57	cps
Sodium	23-2	1314230	1323652	1318927	1318936	0.36	cps
Strontium	86-1	54490	54649	52725	53955	1.98	cps
Strontium	88-1	425512	419716	413639	419622	1.41	cps
Sulfur	34-1	594293	595839	600861	596998	0.58	cps
Terbium	159-1	9973310	9852167	9703771	9843083	1.37	cps
Terbium	159-2	4581028	4600919	4690939	4624295	1.27	cps
Thallium	203-1	425	517	500	481	10.16	cps
Thallium	205-1	1025	1175	1117	1106	6.84	cps
Tin	118-1	1142	1292	1275	1236	6.65	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	M4530-01LX5	Instrumnet Name :	P8
Client Sample ID :	SW-P287L	Dilution Factor :	5
Date & Time Acquired ::	2021-11-08 16:55:23	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2269	1267	1500	1679	31.23	cps
Uranium	238-1	158	192	200	183	12.03	cps
Vanadium	51-2	447	430	480	452	5.63	cps
Ytterbium	172-1	75	117	92	94	22.21	cps
Ytterbium	172-2	28	50	50	43	30.12	cps
Ytterbium	176-1	1142	1075	1000	1072	6.61	cps
Ytterbium	176-2	5785	6029	6085	5966	2.68	cps
Yttrium	89-1	16575796	16278894	16165690	16340127	1.30	cps
Yttrium	89-2	1722847	1756216	1697297	1725453	1.71	cps
Zinc	66-2	2847	2920	3007	2925	2.74	cps
Zirconium	90-1	1225	4430	1342	2332	77.93	cps
Zirconium	91-1	275	183	292	250	23.33	cps

LB Number : LB117242 Operator : Jaswal
 Lab Sample ID : M4530-02RE Instrumnet Name : P8
 Client Sample ID : SW-P287RE Dilution Factor : 1
 Date & Time Acquired :: 2021-11-08 16:58:24 DataFile Name : 028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	615	634	689	646	5.93	cps
Antimony	121-1	2234	2425	2317	2325	4.13	cps
Arsenic	75-2	218	212	241	224	6.85	cps
Barium	135-1	92080	90126	94640	92282	2.45	cps
Barium	137-1	160347	162545	159942	160944	0.87	cps
Beryllium	9-1	106	104	96	102	5.19	cps
Bismuth	209-1	5005805	4955595	5085195	5015531	1.30	cps
Bismuth	209-2	2962799	3065377	3032203	3020126	1.73	cps
Boron	10-1	18194	18940	20348	19161	5.71	cps
Boron	11-1	88905	92736	98947	93529	5.42	cps
Bromine	81-1	52582	57989	65561	58710	11.10	cps
Cadmium	111-1	3259	3456	3469	3395	3.46	cps
Cadmium	106-1	3784	4001	4026	3937	3.38	cps
Cadmium	108-1	54	54	63	57	8.45	cps
Calcium	43-1	485783	481745	489171	485566	0.77	cps
Calcium	44-1	7840480	7825179	7914743	7860134	0.61	cps
Carbon	12-1	12287609	13021833	13972413	13093952	6.45	cps
Carbon	12-2	140257	142993	142311	141854	1.00	cps
Chlorine	35-1	1202736	1239933	1298969	1247212	3.89	cps
Chlorine	35-2	8019	9228	9653	8967	9.46	cps
Chromium	52-2	2130	2344	2270	2248	4.82	cps
Cobalt	59-2	1647	1727	1800	1725	4.45	cps
Copper	63-2	50864	51928	51557	51449	1.05	cps
Dysprosium	156-1	183	167	217	189	13.48	cps
Dysprosium	156-2	120	67	73	87	33.53	cps
Erbium	164-1	250	200	275	242	15.80	cps
Erbium	164-2	110	97	90	99	10.30	cps
Gadolinium	160-1	292	317	258	289	10.13	cps
Gadolinium	160-2	150	157	193	167	14.00	cps
Holmium	165-1	8714382	8807335	8994128	8838615	1.61	cps
Holmium	165-2	4464477	4548671	4394193	4469113	1.73	cps
Indium	115-1	8612879	8993815	8778223	8794973	2.17	cps
Indium	115-2	1352914	1361553	1346482	1353650	0.56	cps
Iron	54-2	45038	44564	45901	45168	1.50	cps
Iron	56-2	823498	838141	822075	827905	1.07	cps
Iron	57-2	20548	21088	21478	21038	2.22	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	M4530-02RE	Instrumnet Name :	P8
Client Sample ID :	SW-P287RE	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 16:58:24	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	3277	3257	2964	3166	5.54	cps
Lead	206-1	1467	1456	1445	1456	0.76	cps
Lead	207-1	1156	1272	1306	1245	6.33	cps
Lead	208-1	5473	5734	5712	5639	2.57	cps
Lithium	6-1	4209669	4257194	4318417	4261760	1.28	cps
Magnesium	24-2	1020029	1065601	1028750	1038127	2.33	cps
Manganese	55-2	278137	279611	280119	279289	0.37	cps
Molybdenum	94-1	1692	1633	1775	1700	4.19	cps
Molybdenum	95-1	2217	2125	2350	2231	5.07	cps
Molybdenum	96-1	2484	2642	2517	2548	3.28	cps
Molybdenum	97-1	1350	1158	1350	1286	8.60	cps
Molybdenum	98-1	2875	3284	3392	3184	8.56	cps
Neodymium	150-1	180	287	287	251	24.53	cps
Neodymium	150-2	100	80	87	89	11.46	cps
Nickel	60-2	4171	3951	3994	4038	2.89	cps
Phosphorus	31-2	258	233	217	236	8.88	cps
Potassium	39-2	768140	773117	760559	767272	0.82	cps
Rhodium	103-1	8441637	8779005	8632785	8617809	1.96	cps
Rhodium	103-2	4068930	4046771	4071363	4062354	0.33	cps
Scandium	45-1	7485694	7467434	7712747	7555292	1.81	cps
Scandium	45-2	232561	237472	235410	235148	1.05	cps
Selenium	82-1	395	321	632	449	36.13	cps
Selenium	77-2	10	0	0	3	173.21	cps
Selenium	78-2	83	62	89	78	18.17	cps
Silicon	28-1	28862565	28808981	29664562	29112036	1.65	cps
Silver	107-1	217	150	200	189	18.37	cps
Silver	109-1	225	167	167	186	18.10	cps
Sodium	23-2	6566190	6674936	6632760	6624629	0.83	cps
Strontium	86-1	254420	258752	251034	254736	1.52	cps
Strontium	88-1	2244911	2173518	2154585	2191005	2.17	cps
Sulfur	34-1	946686	941715	949287	945896	0.41	cps
Terbium	159-1	9573181	9272200	10018877	9621419	3.90	cps
Terbium	159-2	4415441	4470788	4402210	4429480	0.82	cps
Thallium	203-1	492	483	375	450	14.46	cps
Thallium	205-1	1367	1108	1050	1175	14.34	cps
Tin	118-1	1850	1650	1742	1747	5.73	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	M4530-02RE	Instrumnet Name :	P8
Client Sample ID :	SW-P287RE	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 16:58:24	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	992	942	933	956	3.30	cps
Uranium	238-1	342	408	300	350	15.61	cps
Vanadium	51-2	423	400	430	418	3.77	cps
Ytterbium	172-1	150	133	125	136	9.35	cps
Ytterbium	172-2	61	89	61	70	22.79	cps
Ytterbium	176-1	950	975	917	947	3.09	cps
Ytterbium	176-2	5379	6029	5974	5794	6.22	cps
Yttrium	89-1	16470749	15949066	15892390	16104068	1.98	cps
Yttrium	89-2	1648549	1650588	1723238	1674125	2.54	cps
Zinc	66-2	15048	15338	14871	15086	1.56	cps
Zirconium	90-1	1667	1684	1725	1692	1.78	cps
Zirconium	91-1	425	358	200	328	35.26	cps

LB Number : LB117242 Operator : Jaswal
 Lab Sample ID : M4530-02 Instrumnet Name : P8
 Client Sample ID : SW-P287 Dilution Factor : 1
 Date & Time Acquired :: 2021-11-08 17:01:23 DataFile Name : 029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6998	7498	7275	7257	3.45	cps
Antimony	121-1	1158	1433	1317	1303	10.60	cps
Arsenic	75-2	574	567	500	547	7.47	cps
Barium	135-1	95487	95958	93523	94989	1.36	cps
Barium	137-1	164723	166605	166231	165853	0.60	cps
Beryllium	9-1	120	158	130	136	14.48	cps
Bismuth	209-1	4986612	5088615	5190560	5088596	2.00	cps
Bismuth	209-2	3167403	3127783	3191786	3162324	1.02	cps
Boron	10-1	17383	17847	18404	17878	2.86	cps
Boron	11-1	84171	88137	91325	87878	4.08	cps
Bromine	81-1	40882	42729	43281	42297	2.97	cps
Cadmium	111-1	3301	2983	3540	3274	8.52	cps
Cadmium	106-1	3792	3401	4051	3748	8.73	cps
Cadmium	108-1	42	63	71	58	25.75	cps
Calcium	43-1	423498	428559	422874	424977	0.73	cps
Calcium	44-1	7236197	6886573	6917880	7013550	2.76	cps
Carbon	12-1	13224434	14139231	14598419	13987361	5.00	cps
Carbon	12-2	143505	149303	145306	146038	2.03	cps
Chlorine	35-1	1184145	1243981	1251333	1226486	3.00	cps
Chlorine	35-2	7986	8027	8161	8058	1.14	cps
Chromium	52-2	2590	2500	2530	2540	1.80	cps
Cobalt	59-2	5645	5391	5675	5570	2.80	cps
Copper	63-2	15522	15652	15449	15541	0.66	cps
Dysprosium	156-1	775	867	750	797	7.71	cps
Dysprosium	156-2	383	327	367	359	8.12	cps
Erbium	164-1	825	675	708	736	10.70	cps
Erbium	164-2	350	363	317	343	7.00	cps
Gadolinium	160-1	892	858	825	858	3.88	cps
Gadolinium	160-2	430	393	517	447	14.18	cps
Holmium	165-1	9113906	9182386	9212086	9169459	0.55	cps
Holmium	165-2	4611086	4619214	4723560	4651286	1.35	cps
Indium	115-1	9104414	8872741	9132436	9036530	1.58	cps
Indium	115-2	1403140	1407451	1397160	1402583	0.37	cps
Iron	54-2	345317	347672	337314	343434	1.58	cps
Iron	56-2	6500287	6284686	6193294	6326089	2.49	cps
Iron	57-2	157539	155299	155282	156040	0.83	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	M4530-02	Instrumnet Name :	P8
Client Sample ID :	SW-P287	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 17:01:23	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	3207	3274	3260	3247	1.09	cps
Lead	206-1	4051	3862	3656	3856	5.12	cps
Lead	207-1	3306	3062	3006	3125	5.11	cps
Lead	208-1	14948	14548	14426	14641	1.87	cps
Lithium	6-1	4317457	4270559	4238737	4275585	0.93	cps
Magnesium	24-2	907585	896741	884720	896349	1.28	cps
Manganese	55-2	666245	648951	646255	653817	1.66	cps
Molybdenum	94-1	2159	2184	2175	2172	0.58	cps
Molybdenum	95-1	2367	2309	2234	2303	2.90	cps
Molybdenum	96-1	2700	2367	2725	2598	7.70	cps
Molybdenum	97-1	1375	1225	1242	1281	6.42	cps
Molybdenum	98-1	3601	3175	3317	3364	6.43	cps
Neodymium	150-1	893	993	1093	993	10.07	cps
Neodymium	150-2	400	363	363	376	5.64	cps
Nickel	60-2	3727	3624	3671	3674	1.41	cps
Phosphorus	31-2	942	783	650	792	18.44	cps
Potassium	39-2	692090	677768	669067	679642	1.71	cps
Rhodium	103-1	8753503	8917574	9060336	8910471	1.72	cps
Rhodium	103-2	4316087	4163830	4127144	4202353	2.38	cps
Scandium	45-1	7742585	7594856	7712565	7683335	1.02	cps
Scandium	45-2	244779	244219	241721	243573	0.67	cps
Selenium	82-1	335	324	305	321	4.74	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	72	68	72	71	3.27	cps
Silicon	28-1	26563827	26404060	26806617	26591501	0.76	cps
Silver	107-1	275	200	233	236	15.91	cps
Silver	109-1	133	158	133	142	10.19	cps
Sodium	23-2	5912764	5856893	5825320	5864992	0.76	cps
Strontium	86-1	223223	223267	226847	224445	0.93	cps
Strontium	88-1	1923900	1939947	1873343	1912397	1.82	cps
Sulfur	34-1	888338	882127	894476	888314	0.70	cps
Terbium	159-1	9906455	9824261	9498838	9743185	2.21	cps
Terbium	159-2	4568236	4607196	4537213	4570882	0.77	cps
Thallium	203-1	433	467	417	439	5.80	cps
Thallium	205-1	1267	1058	1083	1136	10.01	cps
Tin	118-1	1842	1708	1667	1739	5.26	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	M4530-02	Instrumnet Name :	P8
Client Sample ID :	SW-P287	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 17:01:23	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5894	8653	5793	6780	23.94	cps
Uranium	238-1	733	725	683	714	3.75	cps
Vanadium	51-2	2013	1930	1710	1885	8.32	cps
Ytterbium	172-1	250	242	283	258	8.53	cps
Ytterbium	172-2	100	150	133	128	19.92	cps
Ytterbium	176-1	1125	1083	1033	1081	4.25	cps
Ytterbium	176-2	5951	6535	6040	6176	5.09	cps
Yttrium	89-1	16138338	16199077	16148651	16162022	0.20	cps
Yttrium	89-2	1760519	1736525	1701849	1732965	1.70	cps
Zinc	66-2	12456	12172	12142	12257	1.41	cps
Zirconium	90-1	2350	2825	2450	2542	9.85	cps
Zirconium	91-1	392	633	483	503	24.27	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	M4530-01ARE	Instrumnet Name :	P8
Client Sample ID :	SW-P287A	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 17:04:24	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	639313	651421	646029	645588	0.94	cps
Antimony	121-1	3741582	3687801	3797217	3742200	1.46	cps
Arsenic	75-2	121678	122655	121503	121945	0.51	cps
Barium	135-1	4627057	4553099	4700609	4626922	1.59	cps
Barium	137-1	7889565	7790954	7863623	7848047	0.65	cps
Beryllium	9-1	1209867	1200556	1253271	1221232	2.30	cps
Bismuth	209-1	5184481	3462601	4084609	4243897	20.55	cps
Bismuth	209-2	2861463	2858269	2929211	2882981	1.39	cps
Boron	10-1	126336	133019	144001	134452	6.63	cps
Boron	11-1	623685	639349	695274	652769	5.77	cps
Bromine	81-1	41974	42996	44443	43138	2.88	cps
Cadmium	111-1	1004645	1014013	1036981	1018546	1.63	cps
Cadmium	106-1	104605	105597	106336	105513	0.82	cps
Cadmium	108-1	69880	69952	70169	70000	0.21	cps
Calcium	43-1	2054347	2063495	2118747	2078863	1.68	cps
Calcium	44-1	32693515	32853407	32974645	32840522	0.43	cps
Carbon	12-1	14618909	15707902	16535622	15620811	6.15	cps
Carbon	12-2	165383	168265	167231	166959	0.87	cps
Chlorine	35-1	1224561	1224983	1261244	1236929	1.70	cps
Chlorine	35-2	7360	7852	8152	7788	5.13	cps
Chromium	52-2	1369466	1354237	1370538	1364747	0.67	cps
Cobalt	59-2	2456694	2378165	2380296	2405052	1.86	cps
Copper	63-2	19045260	19067362	18625118	18912580	1.32	cps
Dysprosium	156-1	1000	925	767	897	13.28	cps
Dysprosium	156-2	463	463	510	479	5.63	cps
Erbium	164-1	883	817	825	842	4.32	cps
Erbium	164-2	437	370	400	402	8.30	cps
Gadolinium	160-1	958	683	1117	920	23.85	cps
Gadolinium	160-2	580	610	580	590	2.94	cps
Holmium	165-1	9586016	6353615	7344267	7761299	21.34	cps
Holmium	165-2	4233527	4390350	4314321	4312733	1.82	cps
Indium	115-1	9201660	6201908	7227367	7543645	20.21	cps
Indium	115-2	1264131	1286859	1295111	1282034	1.25	cps
Iron	54-2	3221005	3218220	3179289	3206171	0.73	cps
Iron	56-2	56474890	56330422	55160417	55988576	1.29	cps
Iron	57-2	1431135	1443876	1360542	1411851	3.18	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	M4530-01ARE	Instrumnet Name :	P8
Client Sample ID :	SW-P287A	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 17:04:24	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	3184	3467	3357	3336	4.28	cps
Lead	206-1	10858523	11266623	11428934	11184693	2.63	cps
Lead	207-1	9578386	9679299	10015223	9757636	2.34	cps
Lead	208-1	44534442	44620100	46032270	45062271	1.87	cps
Lithium	6-1	4281692	3115523	3551152	3649455	16.15	cps
Magnesium	24-2	10745003	10967614	10927010	10879876	1.09	cps
Manganese	55-2	7636362	7576595	7547652	7586870	0.60	cps
Molybdenum	94-1	8767025	8727407	8872628	8789020	0.85	cps
Molybdenum	95-1	10392290	10470217	10639491	10500666	1.20	cps
Molybdenum	96-1	11556593	11885086	11991181	11810954	1.92	cps
Molybdenum	97-1	6304183	6557602	6525030	6462272	2.13	cps
Molybdenum	98-1	16888438	16941297	16681602	16837113	0.82	cps
Neodymium	150-1	1093	1180	1347	1207	10.67	cps
Neodymium	150-2	387	417	380	394	4.95	cps
Nickel	60-2	627768	622553	621469	623930	0.54	cps
Phosphorus	31-2	733	775	583	697	14.46	cps
Potassium	39-2	4564687	4584455	4487675	4545606	1.12	cps
Rhodium	103-1	8946962	6009849	6834931	7263914	20.85	cps
Rhodium	103-2	3876399	3891154	3889053	3885535	0.21	cps
Scandium	45-1	7768914	5282314	6058939	6370056	19.97	cps
Scandium	45-2	227478	231255	231535	230089	0.98	cps
Selenium	82-1	76995	75601	78597	77065	1.95	cps
Selenium	77-2	2307	2524	2217	2349	6.71	cps
Selenium	78-2	7808	7944	8089	7947	1.77	cps
Silicon	28-1	30250122	30330718	30731995	30437612	0.85	cps
Silver	107-1	1461116	1519545	1412908	1464523	3.65	cps
Silver	109-1	2316542	1663854	2209530	2063309	16.97	cps
Sodium	23-2	25257482	25478860	25313734	25350026	0.45	cps
Strontium	86-1	15065943	14991947	14985209	15014366	0.30	cps
Strontium	88-1	128373474	124271378	126955615	126533489	1.65	cps
Sulfur	34-1	904991	882196	902942	896710	1.41	cps
Terbium	159-1	10145568	6894145	7970670	8336794	19.87	cps
Terbium	159-2	4234287	4501555	4331972	4355938	3.10	cps
Thallium	203-1	2783980	2867332	2834087	2828466	1.48	cps
Thallium	205-1	6588823	6602810	6664329	6618654	0.61	cps
Tin	118-1	3205367	3302668	3269896	3259310	1.52	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	M4530-01ARE	Instrumnet Name :	P8
Client Sample ID :	SW-P287A	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 17:04:24	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3578875	3619530	3683515	3627307	1.45	cps
Uranium	238-1	8233997	8275228	8404662	8304629	1.07	cps
Vanadium	51-2	1082363	1093752	1091199	1089105	0.55	cps
Ytterbium	172-1	350	317	317	328	5.87	cps
Ytterbium	172-2	156	172	211	180	15.87	cps
Ytterbium	176-1	1325	1092	925	1114	18.04	cps
Ytterbium	176-2	5435	5774	5885	5698	4.12	cps
Yttrium	89-1	16092681	10383050	12715040	13063591	21.98	cps
Yttrium	89-2	1601806	1618373	1615709	1611963	0.55	cps
Zinc	66-2	2015830	2065433	2010260	2030507	1.50	cps
Zirconium	90-1	7781022	7513749	7794769	7696514	2.06	cps
Zirconium	91-1	1732222	1666468	1729245	1709312	2.17	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	M4530-01MS	Instrumnet Name :	P8
Client Sample ID :	SW-P287MS	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 17:07:17	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	653367	656342	655965	655225	0.25	cps
Antimony	121-1	3623187	3791319	3804830	3739779	2.71	cps
Arsenic	75-2	124027	123836	123866	123910	0.08	cps
Barium	135-1	4623031	4747113	4904721	4758288	2.97	cps
Barium	137-1	7833744	7934139	8232963	8000282	2.60	cps
Beryllium	9-1	1232262	1266679	1287880	1262274	2.22	cps
Bismuth	209-1	4861487	4970703	4869618	4900603	1.24	cps
Bismuth	209-2	2995776	3007820	2866745	2956780	2.64	cps
Boron	10-1	137701	146628	151650	145326	4.86	cps
Boron	11-1	673519	710460	730608	704862	4.11	cps
Bromine	81-1	38297	40013	41319	39876	3.80	cps
Cadmium	111-1	1014945	1019229	1031019	1021731	0.81	cps
Cadmium	106-1	106746	107316	109535	107866	1.37	cps
Cadmium	108-1	69068	72816	72690	71525	2.98	cps
Calcium	43-1	2104026	2068188	2049947	2074054	1.33	cps
Calcium	44-1	32219311	32072790	33085461	32459187	1.69	cps
Carbon	12-1	14861164	15930651	16527536	15773117	5.35	cps
Carbon	12-2	166772	168829	169405	168335	0.82	cps
Chlorine	35-1	1223557	1255080	1244263	1240966	1.29	cps
Chlorine	35-2	8102	8736	7902	8247	5.28	cps
Chromium	52-2	1345644	1373499	1384941	1368028	1.48	cps
Cobalt	59-2	2444751	2442108	2376480	2421113	1.60	cps
Copper	63-2	19325875	19355431	19621295	19434200	0.84	cps
Dysprosium	156-1	900	950	900	917	3.15	cps
Dysprosium	156-2	510	483	450	481	6.25	cps
Erbium	164-1	792	867	625	761	16.25	cps
Erbium	164-2	343	407	390	380	8.64	cps
Gadolinium	160-1	1133	900	1142	1058	12.96	cps
Gadolinium	160-2	547	667	547	587	11.81	cps
Holmium	165-1	9292559	9434168	9080787	9269172	1.92	cps
Holmium	165-2	4478663	4550333	4356658	4461885	2.19	cps
Indium	115-1	8809424	8742940	8896320	8816228	0.87	cps
Indium	115-2	1308252	1319018	1308203	1311824	0.47	cps
Iron	54-2	3168644	3184171	3195217	3182677	0.42	cps
Iron	56-2	57622526	56299507	56823548	56915194	1.17	cps
Iron	57-2	1430239	1443247	1410219	1427902	1.17	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	M4530-01MS	Instrumnet Name :	P8
Client Sample ID :	SW-P287MS	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 17:07:17	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	3424	3470	3294	3396	2.70	cps
Lead	206-1	11679493	11411745	11649904	11580381	1.27	cps
Lead	207-1	9931503	10113680	10084758	10043314	0.97	cps
Lead	208-1	44398028	45926672	46167018	45497239	2.11	cps
Lithium	6-1	4306106	4315642	4284310	4302019	0.37	cps
Magnesium	24-2	10773458	11015460	10755183	10848033	1.34	cps
Manganese	55-2	7721659	7592931	7774680	7696423	1.21	cps
Molybdenum	94-1	8676876	8874460	8852938	8801425	1.23	cps
Molybdenum	95-1	10517421	10745145	10955082	10739216	2.04	cps
Molybdenum	96-1	11727328	11927028	12304640	11986332	2.45	cps
Molybdenum	97-1	6392679	6374320	6611845	6459615	2.05	cps
Molybdenum	98-1	16755010	16738522	17062056	16851862	1.08	cps
Neodymium	150-1	1267	1440	1207	1305	9.29	cps
Neodymium	150-2	377	333	367	359	6.32	cps
Nickel	60-2	637277	635082	631040	634466	0.50	cps
Phosphorus	31-2	725	742	750	739	1.72	cps
Potassium	39-2	4466347	4672649	4559465	4566154	2.26	cps
Rhodium	103-1	8807417	8529201	8462689	8599769	2.13	cps
Rhodium	103-2	3904193	3948493	3982116	3944934	0.99	cps
Scandium	45-1	7802008	7404812	7655598	7620806	2.64	cps
Scandium	45-2	236614	235060	234168	235281	0.53	cps
Selenium	82-1	77054	78540	78973	78189	1.29	cps
Selenium	77-2	2390	2307	2250	2316	3.04	cps
Selenium	78-2	7974	7914	7719	7869	1.70	cps
Silicon	28-1	29793910	31264630	31048154	30702231	2.59	cps
Silver	107-1	1840166	2605122	2367024	2270771	17.24	cps
Silver	109-1	1645642	2112174	2687154	2148323	24.28	cps
Sodium	23-2	25545121	26150190	25731729	25809013	1.20	cps
Strontium	86-1	14740178	15130500	15210187	15026955	1.67	cps
Strontium	88-1	124015803	128132974	127374965	126507914	1.73	cps
Sulfur	34-1	890482	895512	905714	897236	0.86	cps
Terbium	159-1	9800236	9836827	9602410	9746491	1.29	cps
Terbium	159-2	4449693	4473508	4434437	4452546	0.44	cps
Thallium	203-1	2904426	2960481	2981175	2948694	1.35	cps
Thallium	205-1	6870022	6775376	6873797	6839732	0.82	cps
Tin	118-1	3134143	3195142	3339180	3222821	3.27	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	M4530-01MS	Instrumnet Name :	P8
Client Sample ID :	SW-P287MS	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 17:07:17	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3629772	3631436	3721227	3660812	1.43	cps
Uranium	238-1	8143156	8194769	8280428	8206117	0.84	cps
Vanadium	51-2	1102616	1112975	1127045	1114212	1.10	cps
Ytterbium	172-1	275	275	400	317	22.79	cps
Ytterbium	172-2	167	194	172	178	8.27	cps
Ytterbium	176-1	1117	1342	1100	1186	11.38	cps
Ytterbium	176-2	5574	6391	5974	5979	6.83	cps
Yttrium	89-1	16183305	15904363	15580423	15889364	1.90	cps
Yttrium	89-2	1652062	1674339	1676394	1667598	0.81	cps
Zinc	66-2	2079840	2056193	2059608	2065214	0.62	cps
Zirconium	90-1	7596500	7835884	7805412	7745932	1.68	cps
Zirconium	91-1	1748919	1756919	1797778	1767872	1.48	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	M4530-01MSD	Instrumnet Name :	P8
Client Sample ID :	SW-P287MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 17:10:18	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	664669	648775	649933	654459	1.35	cps
Antimony	121-1	3676128	3733759	3809766	3739884	1.79	cps
Arsenic	75-2	125294	122191	122860	123448	1.32	cps
Barium	135-1	4641693	4633377	4826420	4700497	2.32	cps
Barium	137-1	7720560	7750072	8152738	7874457	3.07	cps
Beryllium	9-1	1226811	1215054	1253883	1231916	1.62	cps
Bismuth	209-1	4719339	4821636	4712714	4751230	1.29	cps
Bismuth	209-2	2995973	2924204	2915610	2945262	1.50	cps
Boron	10-1	141298	149515	155701	148838	4.85	cps
Boron	11-1	687109	724302	753092	721501	4.58	cps
Bromine	81-1	37208	45009	42548	41588	9.59	cps
Cadmium	111-1	994776	1003858	1037770	1012135	2.24	cps
Cadmium	106-1	103195	106292	106863	105450	1.87	cps
Cadmium	108-1	69579	72368	72255	71401	2.21	cps
Calcium	43-1	2040785	2094138	2129473	2088132	2.14	cps
Calcium	44-1	32418690	32477948	32806955	32567864	0.64	cps
Carbon	12-1	14874285	16154368	16710476	15913043	5.92	cps
Carbon	12-2	169799	171534	173003	171445	0.94	cps
Chlorine	35-1	1228235	1230994	1292397	1250542	2.90	cps
Chlorine	35-2	8194	7836	7994	8008	2.24	cps
Chromium	52-2	1393500	1357801	1323828	1358376	2.56	cps
Cobalt	59-2	2437549	2376018	2409567	2407711	1.28	cps
Copper	63-2	19938903	19490126	18857465	19428831	2.80	cps
Dysprosium	156-1	892	867	825	861	3.91	cps
Dysprosium	156-2	497	463	407	456	9.99	cps
Erbium	164-1	633	825	683	714	13.93	cps
Erbium	164-2	387	367	383	379	2.83	cps
Gadolinium	160-1	983	1050	933	989	5.92	cps
Gadolinium	160-2	520	587	587	564	6.82	cps
Holmium	165-1	8762279	9057381	9107123	8975594	2.08	cps
Holmium	165-2	4609793	4431265	4488065	4509708	2.02	cps
Indium	115-1	8545263	8785002	8747969	8692745	1.48	cps
Indium	115-2	1339432	1297011	1297187	1311210	1.86	cps
Iron	54-2	3256974	3100083	3128913	3161990	2.64	cps
Iron	56-2	58572118	55827397	57035028	57144848	2.41	cps
Iron	57-2	1439355	1416478	1411548	1422460	1.04	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	M4530-01MSD	Instrumnet Name :	P8
Client Sample ID :	SW-P287MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 17:10:18	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	3327	3220	3260	3269	1.65	cps
Lead	206-1	10588291	11079434	11408327	11025351	3.74	cps
Lead	207-1	9684329	9390885	9860612	9645275	2.46	cps
Lead	208-1	43620074	43681142	45040461	44113892	1.82	cps
Lithium	6-1	4186966	4166454	4404170	4252530	3.10	cps
Magnesium	24-2	10983303	11256784	10831419	11023835	1.96	cps
Manganese	55-2	7880832	7455687	7627672	7654730	2.79	cps
Molybdenum	94-1	8622792	8650368	9144256	8805805	3.33	cps
Molybdenum	95-1	10307065	10578658	11123970	10669897	3.90	cps
Molybdenum	96-1	11610718	11842155	12324906	11925927	3.06	cps
Molybdenum	97-1	6436599	6371919	6604627	6471048	1.86	cps
Molybdenum	98-1	16380437	16545639	17483265	16803114	3.54	cps
Neodymium	150-1	1253	1287	1480	1340	9.13	cps
Neodymium	150-2	433	400	413	416	4.04	cps
Nickel	60-2	640372	622320	626632	629775	1.50	cps
Phosphorus	31-2	783	733	542	686	18.59	cps
Potassium	39-2	4632078	4657578	4517262	4602306	1.62	cps
Rhodium	103-1	8479035	8318557	8670406	8489333	2.07	cps
Rhodium	103-2	3958067	3906889	3824170	3896375	1.73	cps
Scandium	45-1	7350525	7442523	7374819	7389289	0.65	cps
Scandium	45-2	238750	237788	234685	237074	0.90	cps
Selenium	82-1	77049	76879	79015	77648	1.53	cps
Selenium	77-2	2257	2360	2230	2282	3.01	cps
Selenium	78-2	8073	7763	7815	7884	2.11	cps
Silicon	28-1	30053856	31152207	31741032	30982365	2.76	cps
Silver	107-1	2092421	2867167	1579875	2179821	29.73	cps
Silver	109-1	4018916	2030343	1508716	2519325	52.58	cps
Sodium	23-2	26256760	26505612	25562489	26108287	1.87	cps
Strontium	86-1	14684355	15461514	15329946	15158605	2.74	cps
Strontium	88-1	126647961	128516503	130966036	128710167	1.68	cps
Sulfur	34-1	874852	881575	911343	889257	2.18	cps
Terbium	159-1	9304711	9130604	9947254	9460856	4.55	cps
Terbium	159-2	4534202	4533089	4392666	4486652	1.81	cps
Thallium	203-1	2722323	2796031	2911529	2809961	3.39	cps
Thallium	205-1	6296762	6532649	6711231	6513547	3.19	cps
Tin	118-1	3202990	3296568	3304748	3268102	1.73	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	M4530-01MSD	Instrumnet Name :	P8
Client Sample ID :	SW-P287MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 17:10:18	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3646587	3631807	3704811	3661068	1.05	cps
Uranium	238-1	7824088	8250422	8132736	8069082	2.73	cps
Vanadium	51-2	1114097	1104581	1093363	1104014	0.94	cps
Ytterbium	172-1	250	333	325	303	15.16	cps
Ytterbium	172-2	144	200	239	194	24.41	cps
Ytterbium	176-1	1142	1208	1075	1142	5.84	cps
Ytterbium	176-2	5829	5785	6090	5901	2.80	cps
Yttrium	89-1	15204428	15689236	15545654	15479773	1.61	cps
Yttrium	89-2	1659233	1649871	1615469	1641524	1.40	cps
Zinc	66-2	2092379	2021916	2019087	2044460	2.03	cps
Zirconium	90-1	7582341	7653372	7787864	7674526	1.36	cps
Zirconium	91-1	1726544	1702000	1802408	1743651	3.00	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	PB140541BS	Instrumnet Name :	P8
Client Sample ID :	PB140541BS	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 17:13:12	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	698687	686990	680705	688794	1.32	cps
Antimony	121-1	3999337	3956687	3958419	3971481	0.61	cps
Arsenic	75-2	122773	121290	121421	121828	0.67	cps
Barium	135-1	5114325	4848454	4852003	4938260	3.09	cps
Barium	137-1	8494334	8131571	8363325	8329743	2.21	cps
Beryllium	9-1	1273654	1266728	1309590	1283324	1.79	cps
Bismuth	209-1	5331125	5408248	5169139	5302837	2.30	cps
Bismuth	209-2	3122165	3064411	3095890	3094156	0.93	cps
Boron	10-1	148611	152855	155493	152320	2.28	cps
Boron	11-1	705859	732851	752424	730378	3.20	cps
Bromine	81-1	26082	24346	24547	24992	3.80	cps
Cadmium	111-1	1086154	1108097	1085465	1093238	1.18	cps
Cadmium	106-1	116507	118517	111173	115399	3.29	cps
Cadmium	108-1	78401	77072	80253	78575	2.03	cps
Calcium	43-1	1907562	1721760	1772375	1800566	5.33	cps
Calcium	44-1	29058424	27910962	27183595	28050994	3.37	cps
Carbon	12-1	9674675	10149693	9940349	9921572	2.40	cps
Carbon	12-2	94277	93061	93136	93492	0.73	cps
Chlorine	35-1	976873	952771	922764	950803	2.85	cps
Chlorine	35-2	5876	5418	5843	5712	4.48	cps
Chromium	52-2	1386991	1400711	1379186	1388963	0.78	cps
Cobalt	59-2	2511733	2445758	2454844	2470778	1.45	cps
Copper	63-2	18002638	18303496	18267356	18191163	0.90	cps
Dysprosium	156-1	208	217	183	203	8.56	cps
Dysprosium	156-2	77	70	87	78	10.79	cps
Erbium	164-1	108	108	58	92	31.50	cps
Erbium	164-2	17	43	37	32	43.06	cps
Gadolinium	160-1	175	175	242	197	19.52	cps
Gadolinium	160-2	137	117	127	127	7.89	cps
Holmium	165-1	9741517	9790607	9905971	9812698	0.86	cps
Holmium	165-2	4629059	4665023	4544404	4612829	1.34	cps
Indium	115-1	9550758	9760370	9218236	9509788	2.87	cps
Indium	115-2	1363652	1401180	1380389	1381741	1.36	cps
Iron	54-2	2919661	2987934	2976697	2961431	1.24	cps
Iron	56-2	52444471	53297616	52351660	52697916	0.99	cps
Iron	57-2	1296959	1311663	1297577	1302066	0.64	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	PB140541BS	Instrumnet Name :	P8
Client Sample ID :	PB140541BS	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 17:13:12	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	3217	3417	3417	3350	3.45	cps
Lead	206-1	12126402	12169324	11876538	12057421	1.31	cps
Lead	207-1	10416005	10280394	10351108	10349169	0.66	cps
Lead	208-1	48914374	47916818	46849560	47893584	2.16	cps
Lithium	6-1	4550040	4500565	4380632	4477079	1.95	cps
Magnesium	24-2	10541371	10584836	10351193	10492467	1.18	cps
Manganese	55-2	6597404	6737318	6575301	6636674	1.32	cps
Molybdenum	94-1	17470920	17112502	17189159	17257527	1.09	cps
Molybdenum	95-1	25883023	25159850	25892608	25645160	1.64	cps
Molybdenum	96-1	28234636	27561969	28228335	28008313	1.38	cps
Molybdenum	97-1	15842919	15443400	15540074	15608798	1.34	cps
Molybdenum	98-1	40595696	40934514	39883278	40471163	1.33	cps
Neodymium	150-1	220	347	240	269	25.32	cps
Neodymium	150-2	13	13	13	13	0.00	cps
Nickel	60-2	640127	634813	635163	636701	0.47	cps
Phosphorus	31-2	37549	38970	37123	37881	2.55	cps
Potassium	39-2	4054253	4044221	4038743	4045739	0.19	cps
Rhodium	103-1	9123117	9395771	9146771	9221886	1.64	cps
Rhodium	103-2	4116397	4206869	4096777	4140014	1.42	cps
Scandium	45-1	8492642	8237996	8118449	8283029	2.31	cps
Scandium	45-2	241067	247471	244946	244495	1.32	cps
Selenium	82-1	83830	83164	81991	82995	1.12	cps
Selenium	77-2	2290	2544	2510	2448	5.62	cps
Selenium	78-2	8172	8192	8019	8128	1.17	cps
Silicon	28-1	5227095	5569096	5498715	5431635	3.32	cps
Silver	107-1	5550633	5604150	5617165	5590650	0.63	cps
Silver	109-1	5439485	5184945	5281621	5302017	2.42	cps
Sodium	23-2	20590374	20643309	20477634	20570439	0.41	cps
Strontium	86-1	16284502	16202821	15905745	16131023	1.24	cps
Strontium	88-1	136724878	137776332	135342853	136614688	0.89	cps
Sulfur	34-1	1011458	1034296	1003484	1016413	1.57	cps
Terbium	159-1	10691410	10471663	10011551	10391542	3.34	cps
Terbium	159-2	4544129	4660355	4478380	4560955	2.02	cps
Thallium	203-1	3090052	3059849	2975150	3041683	1.96	cps
Thallium	205-1	7076366	6987314	6847433	6970371	1.66	cps
Tin	118-1	3564492	3541595	3459710	3521932	1.56	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	PB140541BS	Instrumnet Name :	P8
Client Sample ID :	PB140541BS	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 17:13:12	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	8984412	8817781	8728705	8843633	1.47	cps
Uranium	238-1	8585354	8571978	8022981	8393438	3.82	cps
Vanadium	51-2	1127708	1110306	1097038	1111684	1.38	cps
Ytterbium	172-1	42	50	8	33	66.15	cps
Ytterbium	172-2	22	0	6	9	124.87	cps
Ytterbium	176-1	14834	13657	13407	13966	5.45	cps
Ytterbium	176-2	12367	12717	12423	12502	1.51	cps
Yttrium	89-1	17110275	16488331	16778210	16792272	1.85	cps
Yttrium	89-2	1734396	1728141	1724832	1729123	0.28	cps
Zinc	66-2	1934090	1950595	1921501	1935395	0.75	cps
Zirconium	90-1	8673909	8317343	8385650	8458967	2.24	cps
Zirconium	91-1	1947180	1939542	1914901	1933874	0.87	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	PB140541BL	Instrumnet Name :	P8
Client Sample ID :	PB140541BL	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 17:21:51	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	129	159	190	159	19.24	cps
Antimony	121-1	417	542	675	544	23.73	cps
Arsenic	75-2	7	19	19	15	46.19	cps
Barium	135-1	158	108	117	128	20.96	cps
Barium	137-1	183	233	158	192	19.92	cps
Beryllium	9-1	166	192	162	173	9.40	cps
Bismuth	209-1	5006645	4992475	4700244	4899788	3.53	cps
Bismuth	209-2	2871870	2967747	3022782	2954133	2.59	cps
Boron	10-1	8213	8539	8535	8429	2.22	cps
Boron	11-1	40528	39543	40335	40135	1.30	cps
Bromine	81-1	24196	21629	22632	22819	5.67	cps
Cadmium	111-1	3055	2926	2829	2937	3.86	cps
Cadmium	106-1	3509	3334	3209	3351	4.50	cps
Cadmium	108-1	46	71	46	54	26.65	cps
Calcium	43-1	359	377	396	377	4.97	cps
Calcium	44-1	53537	53346	52953	53279	0.56	cps
Carbon	12-1	7095238	7046156	7219799	7120398	1.26	cps
Carbon	12-2	66375	65772	66225	66124	0.47	cps
Chlorine	35-1	670904	670192	660605	667234	0.86	cps
Chlorine	35-2	3684	4109	3626	3806	6.93	cps
Chromium	52-2	783	760	820	788	3.84	cps
Cobalt	59-2	67	120	93	93	28.57	cps
Copper	63-2	1023	1050	1003	1026	2.28	cps
Dysprosium	156-1	0	42	17	19	107.85	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	58	42	42	47	20.37	cps
Erbium	164-2	27	13	30	23	37.81	cps
Gadolinium	160-1	50	42	58	50	16.67	cps
Gadolinium	160-2	70	70	77	72	5.33	cps
Holmium	165-1	8708196	8932720	8596721	8745879	1.96	cps
Holmium	165-2	4236002	4428236	4374668	4346302	2.28	cps
Indium	115-1	8850401	8941855	8474910	8755722	2.83	cps
Indium	115-2	1287151	1329539	1335063	1317251	1.99	cps
Iron	54-2	678	594	611	628	7.02	cps
Iron	56-2	4873	4851	4745	4823	1.42	cps
Iron	57-2	272	311	294	293	6.67	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	PB140541BL	Instrumnet Name :	P8
Client Sample ID :	PB140541BL	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 17:21:51	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	3400	3177	3474	3350	4.61	cps
Lead	206-1	1117	1239	1067	1141	7.77	cps
Lead	207-1	894	1000	811	902	10.50	cps
Lead	208-1	4384	4712	4039	4378	7.68	cps
Lithium	6-1	3975011	4084166	4029192	4029456	1.35	cps
Magnesium	24-2	750	700	1034	828	21.73	cps
Manganese	55-2	177	173	163	171	4.05	cps
Molybdenum	94-1	767	575	667	669	14.32	cps
Molybdenum	95-1	817	700	517	678	22.31	cps
Molybdenum	96-1	1217	742	708	889	31.99	cps
Molybdenum	97-1	500	375	342	406	20.58	cps
Molybdenum	98-1	1183	900	908	997	16.17	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	107	127	117	117	8.57	cps
Phosphorus	31-2	108	133	75	106	27.73	cps
Potassium	39-2	22902	22961	22969	22944	0.16	cps
Rhodium	103-1	8549654	8468457	8254664	8424258	1.81	cps
Rhodium	103-2	3821615	3965698	3982921	3923411	2.26	cps
Scandium	45-1	7400756	7429148	7446397	7425433	0.31	cps
Scandium	45-2	224475	228685	230308	227823	1.32	cps
Selenium	82-1	102	342	159	201	62.41	cps
Selenium	77-2	10	3	0	4	114.60	cps
Selenium	78-2	93	58	57	69	29.57	cps
Silicon	28-1	823795	819248	836981	826675	1.11	cps
Silver	107-1	1367	1483	1325	1392	5.90	cps
Silver	109-1	1367	1175	1242	1261	7.72	cps
Sodium	23-2	26324	26491	25815	26210	1.34	cps
Strontium	86-1	5293	6085	5384	5587	7.75	cps
Strontium	88-1	3200	3050	2409	2887	14.57	cps
Sulfur	34-1	474046	475981	484128	478051	1.12	cps
Terbium	159-1	9661432	9450696	9270931	9461019	2.07	cps
Terbium	159-2	4033498	4364126	4309526	4235717	4.18	cps
Thallium	203-1	650	650	625	642	2.25	cps
Thallium	205-1	1575	1500	1834	1636	10.69	cps
Tin	118-1	1150	1125	1217	1164	4.07	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	PB140541BL	Instrumnet Name :	P8
Client Sample ID :	PB140541BL	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 17:21:51	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	508	425	508	481	10.01	cps
Uranium	238-1	158	217	150	175	20.76	cps
Vanadium	51-2	50	37	30	39	26.18	cps
Ytterbium	172-1	58	17	33	36	58.07	cps
Ytterbium	172-2	0	17	22	13	89.21	cps
Ytterbium	176-1	850	850	892	864	2.78	cps
Ytterbium	176-2	5068	5562	5990	5540	8.33	cps
Yttrium	89-1	15361086	15516098	15266910	15381364	0.82	cps
Yttrium	89-2	1565352	1648222	1647054	1620209	2.93	cps
Zinc	66-2	253	277	280	270	5.38	cps
Zirconium	90-1	933	983	983	967	2.99	cps
Zirconium	91-1	233	175	250	219	17.95	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	M4530-01A	Instrumnet Name :	P8
Client Sample ID :	SW-P287A	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 17:26:24	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	635207	635280	626970	632486	0.76	cps
Antimony	121-1	3552063	3670020	3640286	3620789	1.69	cps
Arsenic	75-2	122227	120390	120016	120878	0.98	cps
Barium	135-1	4527005	4597431	4582654	4569030	0.81	cps
Barium	137-1	7592893	7599698	7733138	7641909	1.03	cps
Beryllium	9-1	1215759	1172342	1185129	1191077	1.87	cps
Bismuth	209-1	4564585	4730714	4777113	4690804	2.38	cps
Bismuth	209-2	2934750	2873842	2641838	2816810	5.49	cps
Boron	10-1	122036	130217	140363	130872	7.02	cps
Boron	11-1	600545	636654	682646	639948	6.43	cps
Bromine	81-1	35004	37784	37725	36838	4.31	cps
Cadmium	111-1	969144	988959	994854	984319	1.37	cps
Cadmium	106-1	104127	103824	104219	104056	0.20	cps
Cadmium	108-1	69101	68666	71869	69879	2.49	cps
Calcium	43-1	1950701	2024570	1997419	1990896	1.88	cps
Calcium	44-1	31515763	31661990	31831104	31669619	0.50	cps
Carbon	12-1	13066596	13966060	15267960	14100205	7.85	cps
Carbon	12-2	152429	155618	157800	155282	1.74	cps
Chlorine	35-1	853948	893820	917584	888451	3.62	cps
Chlorine	35-2	6101	6143	6352	6199	2.16	cps
Chromium	52-2	1310295	1292226	1290797	1297773	0.84	cps
Cobalt	59-2	2347012	2377686	2348895	2357864	0.73	cps
Copper	63-2	19125049	18561993	19256026	18981022	1.94	cps
Dysprosium	156-1	950	983	1175	1036	11.72	cps
Dysprosium	156-2	447	510	527	494	8.54	cps
Erbium	164-1	800	742	792	778	4.06	cps
Erbium	164-2	413	443	327	394	15.36	cps
Gadolinium	160-1	992	917	1158	1022	12.10	cps
Gadolinium	160-2	563	550	580	564	2.66	cps
Holmium	165-1	8569861	8546618	8917527	8678002	2.39	cps
Holmium	165-2	4439559	4320398	4091110	4283689	4.13	cps
Indium	115-1	8373516	8432585	8460537	8422213	0.53	cps
Indium	115-2	1288477	1309460	1226490	1274809	3.38	cps
Iron	54-2	3233811	3132307	3134980	3167032	1.83	cps
Iron	56-2	56426450	57588232	55090732	56368471	2.22	cps
Iron	57-2	1423040	1431344	1345037	1399807	3.40	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	M4530-01A	Instrumnet Name :	P8
Client Sample ID :	SW-P287A	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 17:26:24	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	3414	3550	3390	3452	2.50	cps
Lead	206-1	10666962	11042076	11047640	10918893	2.00	cps
Lead	207-1	9293960	9675330	9500776	9490022	2.01	cps
Lead	208-1	42767420	44260954	43530117	43519497	1.72	cps
Lithium	6-1	4087483	4097552	4009973	4065003	1.18	cps
Magnesium	24-2	10906225	10472866	10677151	10685414	2.03	cps
Manganese	55-2	7752151	7574383	7434343	7586959	2.10	cps
Molybdenum	94-1	8263579	8582903	8622315	8489599	2.32	cps
Molybdenum	95-1	10174507	10060992	10543859	10259786	2.46	cps
Molybdenum	96-1	11352438	11460007	11684057	11498834	1.47	cps
Molybdenum	97-1	6351960	6341124	6346054	6346380	0.09	cps
Molybdenum	98-1	16673692	16205146	16486673	16455170	1.43	cps
Neodymium	150-1	1087	1307	1173	1189	9.32	cps
Neodymium	150-2	383	450	353	396	12.51	cps
Nickel	60-2	627883	610706	618427	619006	1.39	cps
Phosphorus	31-2	633	742	758	711	9.55	cps
Potassium	39-2	4437909	4414338	4450283	4434177	0.41	cps
Rhodium	103-1	8369083	8228631	8286671	8294795	0.85	cps
Rhodium	103-2	3854538	3958662	3724177	3845792	3.05	cps
Scandium	45-1	7131149	7290723	7199063	7206978	1.11	cps
Scandium	45-2	229514	231266	217384	226055	3.34	cps
Selenium	82-1	75921	76252	77045	76406	0.76	cps
Selenium	77-2	2347	2350	2270	2322	1.95	cps
Selenium	78-2	7930	7709	7633	7757	1.99	cps
Silicon	28-1	29666050	29692492	30505363	29954635	1.59	cps
Silver	107-1	2800905	4143521	5904911	4283113	36.35	cps
Silver	109-1	5027368	4528580	4579725	4711891	5.82	cps
Sodium	23-2	25405516	25218955	25697969	25440814	0.95	cps
Strontium	86-1	14645444	14587168	14840915	14691176	0.90	cps
Strontium	88-1	123399640	122730199	126383119	124170986	1.57	cps
Sulfur	34-1	875823	889295	884110	883076	0.77	cps
Terbium	159-1	9021664	9380306	9068282	9156751	2.13	cps
Terbium	159-2	4348742	4424127	4027367	4266745	4.94	cps
Thallium	203-1	2665649	2777443	2853202	2765431	3.41	cps
Thallium	205-1	6077122	6535082	6315040	6309081	3.63	cps
Tin	118-1	3143966	3149506	3157232	3150234	0.21	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	M4530-01A	Instrumnet Name :	P8
Client Sample ID :	SW-P287A	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 17:26:24	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3595167	3623434	3619200	3612600	0.42	cps
Uranium	238-1	7846237	8178194	8040304	8021578	2.08	cps
Vanadium	51-2	1099650	1076450	1080508	1085536	1.14	cps
Ytterbium	172-1	342	283	250	292	15.91	cps
Ytterbium	172-2	144	156	144	148	4.33	cps
Ytterbium	176-1	1083	1192	1042	1106	7.00	cps
Ytterbium	176-2	5712	5762	5590	5688	1.56	cps
Yttrium	89-1	14969169	15363092	15322616	15218292	1.42	cps
Yttrium	89-2	1626496	1648904	1535006	1603469	3.76	cps
Zinc	66-2	2013556	1954769	2070120	2012815	2.87	cps
Zirconium	90-1	7365494	7651725	7570368	7529196	1.96	cps
Zirconium	91-1	1661618	1712931	1789656	1721402	3.74	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	CCV92	Instrumnet Name :	P8
Client Sample ID :	CCV92	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 17:33:41	DataFile Name :	036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3194369	3275708	3333780	3267952	2.14	cps
Antimony	121-1	3661830	3644153	3668287	3658090	0.34	cps
Arsenic	75-2	122408	120209	120229	120949	1.04	cps
Barium	135-1	4624744	4647254	4702639	4658212	0.86	cps
Barium	137-1	7860876	8091073	7945195	7965715	1.46	cps
Beryllium	9-1	1189729	1169143	1190031	1182968	1.01	cps
Bismuth	209-1	4813349	4660471	4960403	4811408	3.12	cps
Bismuth	209-2	2791349	2672916	2766848	2743704	2.28	cps
Boron	10-1	128270	133781	137357	133136	3.44	cps
Boron	11-1	611963	635261	659811	635678	3.76	cps
Bromine	81-1	22481	23033	21960	22491	2.39	cps
Cadmium	111-1	970841	941859	979030	963910	2.03	cps
Cadmium	106-1	101113	100433	102204	101250	0.88	cps
Cadmium	108-1	70911	69599	70052	70187	0.95	cps
Calcium	43-1	7948237	7645846	7855219	7816434	1.98	cps
Calcium	44-1	130000978	124422902	125699655	126707845	2.31	cps
Carbon	12-1	8363169	8392412	8392151	8382577	0.20	cps
Carbon	12-2	87059	84234	85683	85659	1.65	cps
Chlorine	35-1	663962	649996	658328	657429	1.07	cps
Chlorine	35-2	4259	3984	4151	4131	3.35	cps
Chromium	52-2	1265010	1250340	1253971	1256440	0.61	cps
Cobalt	59-2	2328247	2369840	2361564	2353217	0.94	cps
Copper	63-2	17156709	17042846	17434041	17211199	1.17	cps
Dysprosium	156-1	658	617	567	614	7.48	cps
Dysprosium	156-2	347	310	247	301	16.80	cps
Erbium	164-1	125	150	150	142	10.19	cps
Erbium	164-2	73	77	43	64	28.49	cps
Gadolinium	160-1	517	567	558	547	4.89	cps
Gadolinium	160-2	333	317	370	340	8.03	cps
Holmium	165-1	8993061	9001002	9305980	9100014	1.96	cps
Holmium	165-2	4502048	4323132	4254215	4359798	2.93	cps
Indium	115-1	8598600	8590329	8704534	8631154	0.74	cps
Indium	115-2	1292282	1249894	1257046	1266407	1.79	cps
Iron	54-2	13306380	12996697	13099914	13134330	1.20	cps
Iron	56-2	242569367	244271933	240248489	242363263	0.83	cps
Iron	57-2	5999216	5968169	5954336	5973907	0.38	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	CCV92	Instrumnet Name :	P8
Client Sample ID :	CCV92	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 17:33:41	DataFile Name :	036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	3400	3144	3347	3297	4.11	cps
Lead	206-1	10889403	11048912	11176784	11038366	1.30	cps
Lead	207-1	9574850	9546478	9527105	9549477	0.25	cps
Lead	208-1	43551278	43811619	43957721	43773539	0.47	cps
Lithium	6-1	4197650	4182949	4242295	4207631	0.73	cps
Magnesium	24-2	48410787	47702589	48775089	48296155	1.13	cps
Manganese	55-2	6290181	6396222	6397123	6361175	0.97	cps
Molybdenum	94-1	16322851	16207134	16072840	16200942	0.77	cps
Molybdenum	95-1	23916884	23607786	24379372	23968014	1.62	cps
Molybdenum	96-1	26314437	26001287	26643562	26319762	1.22	cps
Molybdenum	97-1	14384892	14436462	14882207	14567854	1.88	cps
Molybdenum	98-1	37477851	37309189	38613720	37800253	1.88	cps
Neodymium	150-1	247	193	240	227	12.82	cps
Neodymium	150-2	17	17	17	17	0.00	cps
Nickel	60-2	603936	601648	595734	600439	0.70	cps
Phosphorus	31-2	34742	36221	36388	35784	2.53	cps
Potassium	39-2	18704758	18381966	18733181	18606635	1.05	cps
Rhodium	103-1	8191747	8116814	8515885	8274815	2.56	cps
Rhodium	103-2	3863849	3704486	3648162	3738832	2.99	cps
Scandium	45-1	7457203	7488922	7620343	7522156	1.15	cps
Scandium	45-2	233467	224543	228653	228888	1.95	cps
Selenium	82-1	79518	79876	80285	79893	0.48	cps
Selenium	77-2	2394	2400	2154	2316	6.07	cps
Selenium	78-2	7916	7710	7783	7803	1.34	cps
Silicon	28-1	4276248	4322423	4482609	4360427	2.48	cps
Silver	107-1	4958310	4866072	4839809	4888064	1.27	cps
Silver	109-1	4668278	4650129	4686175	4668194	0.39	cps
Sodium	23-2	95448888	93567038	96773798	95263241	1.69	cps
Strontium	86-1	14864762	14814124	15137941	14938943	1.17	cps
Strontium	88-1	126665715	126078753	128587136	127110535	1.03	cps
Sulfur	34-1	941563	947675	948881	946040	0.41	cps
Terbium	159-1	9485438	9409336	9682393	9525722	1.48	cps
Terbium	159-2	4497121	4210728	4234543	4314131	3.68	cps
Thallium	203-1	2660885	2767425	2845772	2758028	3.36	cps
Thallium	205-1	6237483	6341690	6415932	6331702	1.42	cps
Tin	118-1	3258937	3224016	3238418	3240457	0.54	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	CCV92	Instrumnet Name :	P8
Client Sample ID :	CCV92	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 17:33:41	DataFile Name :	036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	8203390	8067720	8264625	8178578	1.23	cps
Uranium	238-1	7988934	7818438	8121325	7976232	1.90	cps
Vanadium	51-2	1043461	1028684	1035757	1035967	0.71	cps
Ytterbium	172-1	100	75	100	92	15.75	cps
Ytterbium	172-2	50	17	11	26	81.12	cps
Ytterbium	176-1	12732	13132	13741	13201	3.85	cps
Ytterbium	176-2	10449	11477	11477	11135	5.33	cps
Yttrium	89-1	15737278	15741258	16105165	15861234	1.33	cps
Yttrium	89-2	1652833	1605221	1572020	1610024	2.52	cps
Zinc	66-2	1768197	1757284	1809344	1778275	1.54	cps
Zirconium	90-1	7827870	7724023	8050339	7867411	2.12	cps
Zirconium	91-1	1797404	1776238	1751633	1775092	1.29	cps

LB Number : LB117242 Operator : Jaswal
 Lab Sample ID : CCB92 Instrumnet Name : P8
 Client Sample ID : CCB92 Dilution Factor : 1
 Date & Time Acquired :: 2021-11-08 17:39:43 DataFile Name : 037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	141	150	162	151	7.06	cps
Antimony	121-1	608	733	1192	844	36.37	cps
Arsenic	75-2	13	6	8	9	40.06	cps
Barium	135-1	217	183	100	167	36.06	cps
Barium	137-1	292	258	242	264	9.65	cps
Beryllium	9-1	216	188	172	192	11.60	cps
Bismuth	209-1	4767204	4803342	4797811	4789452	0.41	cps
Bismuth	209-2	3010135	3001473	3009318	3006975	0.16	cps
Boron	10-1	8093	7941	7680	7905	2.64	cps
Boron	11-1	38984	37488	37209	37894	2.52	cps
Bromine	81-1	21188	20837	21018	21014	0.84	cps
Cadmium	111-1	2787	2857	2717	2787	2.51	cps
Cadmium	106-1	3200	3300	3125	3209	2.74	cps
Cadmium	108-1	92	50	38	60	47.49	cps
Calcium	43-1	555	519	510	528	4.52	cps
Calcium	44-1	55450	54371	54200	54674	1.24	cps
Carbon	12-1	6522813	6439632	6496336	6486260	0.66	cps
Carbon	12-2	59613	59722	57454	58930	2.17	cps
Chlorine	35-1	480000	474861	474916	476592	0.62	cps
Chlorine	35-2	2834	2709	2842	2795	2.67	cps
Chromium	52-2	740	820	777	779	5.14	cps
Cobalt	59-2	80	110	83	91	18.05	cps
Copper	63-2	957	1037	1003	999	4.02	cps
Dysprosium	156-1	8	0	25	11	114.58	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	58	75	42	58	28.57	cps
Erbium	164-2	17	3	33	18	84.55	cps
Gadolinium	160-1	75	42	67	61	28.38	cps
Gadolinium	160-2	63	57	43	54	18.71	cps
Holmium	165-1	8633511	8742400	8234639	8536850	3.13	cps
Holmium	165-2	4435440	4350544	4216255	4334080	2.55	cps
Indium	115-1	8813624	8751592	8365789	8643668	2.81	cps
Indium	115-2	1311902	1308441	1300828	1307057	0.43	cps
Iron	54-2	711	700	756	722	4.07	cps
Iron	56-2	5557	6146	6913	6205	10.96	cps
Iron	57-2	294	294	306	298	2.15	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	CCB92	Instrumnet Name :	P8
Client Sample ID :	CCB92	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 17:39:43	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	3274	3237	3440	3317	3.27	cps
Lead	206-1	1456	1156	1111	1241	15.10	cps
Lead	207-1	1322	1161	906	1130	18.60	cps
Lead	208-1	5739	5095	4684	5173	10.29	cps
Lithium	6-1	4086085	4057612	3937993	4027230	1.95	cps
Magnesium	24-2	817	892	1358	1022	28.71	cps
Manganese	55-2	127	157	140	141	10.65	cps
Molybdenum	94-1	1167	1067	900	1045	12.90	cps
Molybdenum	95-1	1175	858	867	967	18.67	cps
Molybdenum	96-1	1367	1108	1125	1200	12.05	cps
Molybdenum	97-1	500	650	575	575	13.04	cps
Molybdenum	98-1	1767	1658	1208	1545	19.17	cps
Neodymium	150-1	7	20	0	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	147	80	73	100	40.55	cps
Phosphorus	31-2	117	67	108	97	27.55	cps
Potassium	39-2	23461	23712	23570	23581	0.53	cps
Rhodium	103-1	8371291	8564716	8208640	8381549	2.13	cps
Rhodium	103-2	4028131	3954479	3969829	3984146	0.98	cps
Scandium	45-1	7202473	7383451	6986956	7190960	2.76	cps
Scandium	45-2	225087	223849	224062	224333	0.29	cps
Selenium	82-1	188	342	133	221	49.06	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	69	72	78	73	6.28	cps
Silicon	28-1	808760	816933	811751	812482	0.51	cps
Silver	107-1	1083	892	1083	1020	10.86	cps
Silver	109-1	1125	917	1008	1017	10.27	cps
Sodium	23-2	30207	30349	29639	30065	1.25	cps
Strontium	86-1	5393	5443	5343	5393	0.93	cps
Strontium	88-1	4267	3926	3584	3926	8.71	cps
Sulfur	34-1	478793	475719	485485	479999	1.04	cps
Terbium	159-1	9159760	9404186	8898308	9154085	2.76	cps
Terbium	159-2	4208502	4143847	4149541	4167297	0.86	cps
Thallium	203-1	733	642	742	706	7.86	cps
Thallium	205-1	1834	1650	1809	1764	5.64	cps
Tin	118-1	1283	1275	1050	1203	11.01	cps

LB Number :	LB117242	Operator :	Jaswal
Lab Sample ID :	CCB92	Instrumnet Name :	P8
Client Sample ID :	CCB92	Dilution Factor :	1
Date & Time Acquired ::	2021-11-08 17:39:43	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	542	675	600	606	11.04	cps
Uranium	238-1	283	150	258	231	30.74	cps
Vanadium	51-2	13	13	17	14	13.35	cps
Ytterbium	172-1	0	33	33	22	86.60	cps
Ytterbium	172-2	11	22	17	17	33.33	cps
Ytterbium	176-1	708	992	658	786	22.87	cps
Ytterbium	176-2	5184	5840	5885	5636	6.96	cps
Yttrium	89-1	15094282	15711012	15191550	15332281	2.16	cps
Yttrium	89-2	1635168	1569014	1601346	1601843	2.07	cps
Zinc	66-2	327	310	287	308	6.53	cps
Zirconium	90-1	1183	1192	1200	1192	0.70	cps
Zirconium	91-1	242	225	333	267	21.88	cps