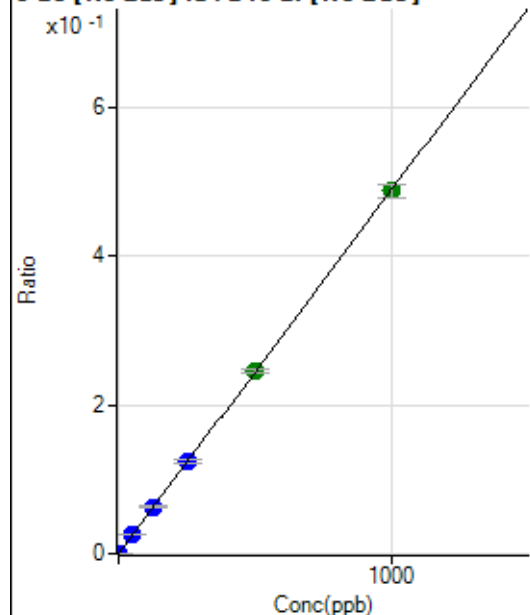


Calibration for 006CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8041522MS.b\
 Analysis File: P8041522MS.batch.bin
 DA Date-Time: 2022-04-15 17:20:42
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	005CALB.d	S00	2022-04-15 15:23:54
2	006CALS.d	S02	2022-04-15 15:26:58
3	007CALS.d	S03	2022-04-15 15:30:04
4	008CALS.d	S04	2022-04-15 15:33:08
5	009CALS.d	S05	2022-04-15 15:36:15
6	010CALS.d	S06	2022-04-15 15:39:19
7	011CALS.d	S07	2022-04-15 15:42:25
8	012CALS.d	S08	2022-04-15 15:45:29

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	49.99	0.0000	P	16.1
2	☐	1.000	1.030	3041.72	0.0005	P	4.8
3	☐	50.000	52.513	155395.11	0.0257	P	1.4
4	☐	125.000	128.950	380390.53	0.0632	P	5.6
5	☐	250.000	254.286	760436.09	0.1245	P	3.8
6	☐	500.000	501.884	1549062.87	0.2458	A	1.9
7	☐	1000.000	997.367	3113731.03	0.4884	A	3.4
8	☐			451.92	0.0001	P	12.3

$$y = 4.8971\text{E-}004 * x + 8.8449\text{E-}006$$

$$R = 1.0000$$

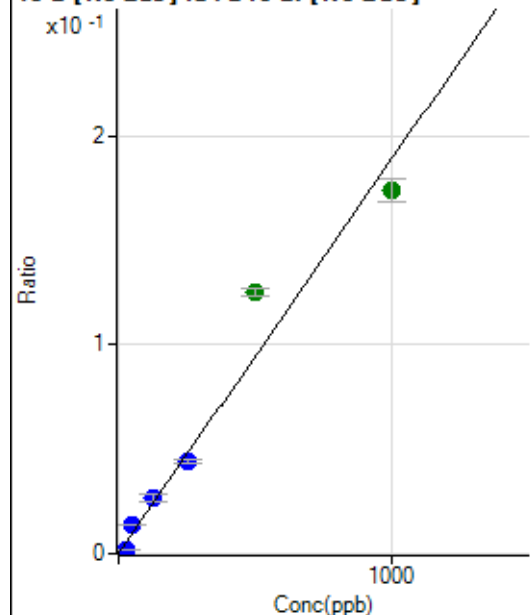
$$DL = 0.008716$$

$$BEC = 0.01806$$

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	645.89	0.0001	P	8.0
2	☐	25.000	8.913	10636.50	0.0018	P	9.3
3	☐	50.000	72.549	83392.66	0.0138	P	5.4
4	☐	125.000	140.973	160613.56	0.0267	P	10.9
5	☐	250.000	233.245	269594.08	0.0441	P	4.4
6	☐	500.000	662.742	789042.10	0.1252	A	2.4
7	☐	1000.000	920.096	1107219.50	0.1738	A	6.2
8	☐			89106.34	0.0153	P	5.5

$$y = 1.8875\text{E-}004 * x + 1.1439\text{E-}004$$

$$R = 0.9789$$

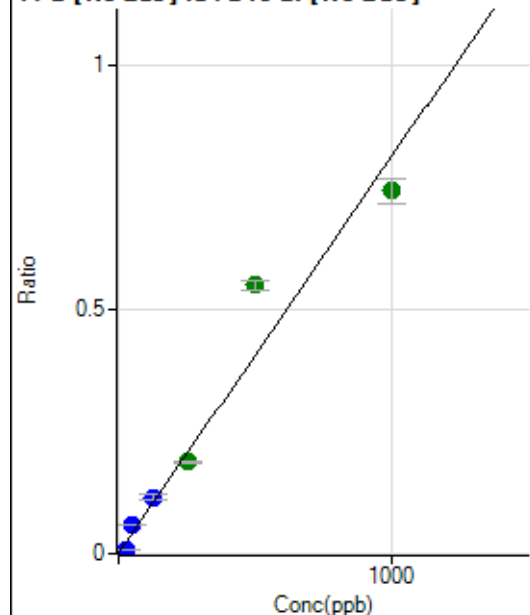
$$DL = 0.1452$$

$$BEC = 0.606$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2831.06	0.0005	P	2.5
2	☐	25.000	9.032	46455.87	0.0078	P	6.5
3	☐	50.000	73.221	362511.84	0.0600	P	3.3
4	☐	125.000	140.260	688397.96	0.1145	P	10.2
5	☐	250.000	230.233	1146196.15	0.1876	A	3.7
6	☐	500.000	676.430	3469766.27	0.5503	A	3.6
7	☐	1000.000	914.057	4736153.78	0.7435	A	6.8
8	☐			385093.92	0.0661	P	4.8

$$y = 8.1280E-004 * x + 5.0206E-004$$

$$R = 0.9753$$

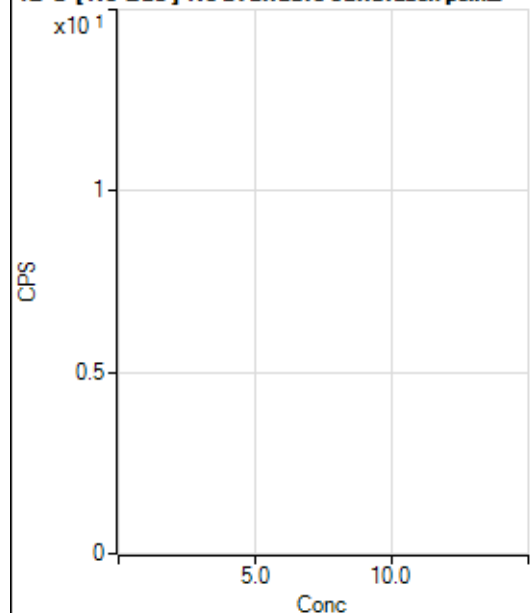
$$DL = 0.04564$$

$$BEC = 0.6177$$

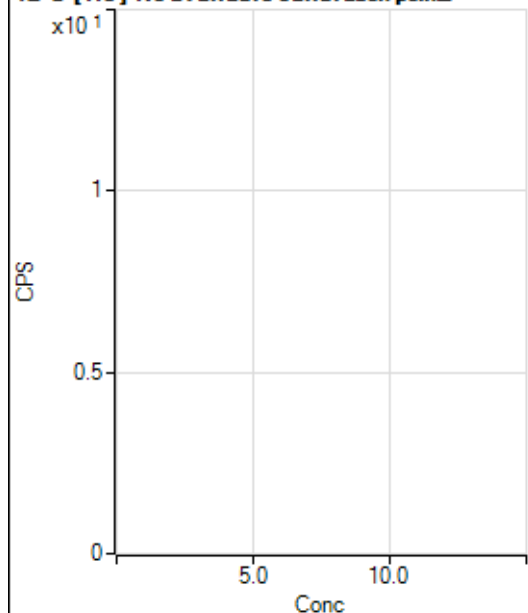
Weight: <None>

Min Conc: 0

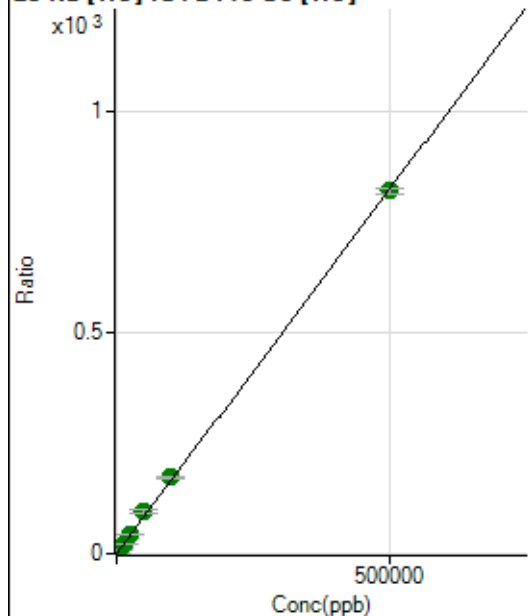
12 C [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			5050966.74		A	1.0
2	☐			5037756.67		A	0.7
3	☐			5480101.47		A	2.9
4	☐			5848890.71		A	3.6
5	☐			6520418.72		A	1.6
6	☐			6499944.76		A	2.5
7	☐			10124023.40		A	7.3
8	☐			8103238.03		A	1.5

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			49021.54		P	2.6
2	☐			48428.02		P	0.4
3	☐			54139.64		P	1.9
4	☐			58946.88		P	1.9
5	☐			67131.91		P	1.3
6	☐			64260.45		P	1.3
7	☐			116685.29		P	4.4
8	☐			80297.06		P	1.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	12141.50	0.0771	P	2.7
2	☐	500.000	474.787	137084.32	0.8597	P	3.2
3	☐	5000.000	5442.944	1452825.92	9.0498	A	2.5
4	☐	12500.000	13209.754	3488057.37	21.8535	A	1.9
5	☐	25000.000	26508.682	6936367.52	43.7769	A	2.1
6	☐	50000.000	57782.833	14206833.65	95.3327	A	10.4
7	☐	100000.00	105463.12	28253386.05	173.9342	A	2.4
8	☐	500000.00	498031.50	132786371.0	821.0875	A	1.8

$$y = 0.0016 * x + 0.0771$$

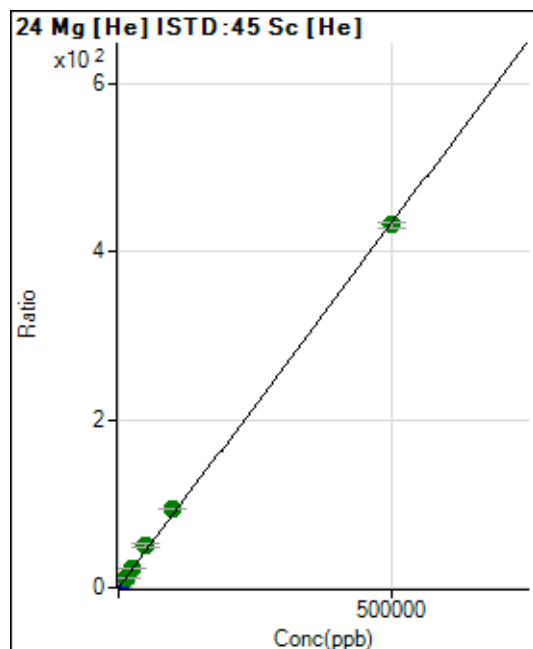
$$R = 0.9998$$

$$DL = 3.855$$

$$BEC = 46.74$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	322.23	0.0020	P	14.2
2	☐	500.000	508.939	70832.01	0.4442	P	1.9
3	☐	5000.000	5282.570	737157.00	4.5914	P	1.1
4	☐	12500.000	13541.476	1878071.96	11.7664	A	1.8
5	☐	25000.000	27398.585	3772000.43	23.8050	A	0.8
6	☐	50000.000	58061.465	7515764.41	50.4438	A	10.8
7	☐	100000.00	107610.26	15185993.91	93.4900	A	1.2
8	☐	500000.00	497523.00	69899191.84	432.2323	A	1.8

$$y = 8.6876E-004 * x + 0.0020$$

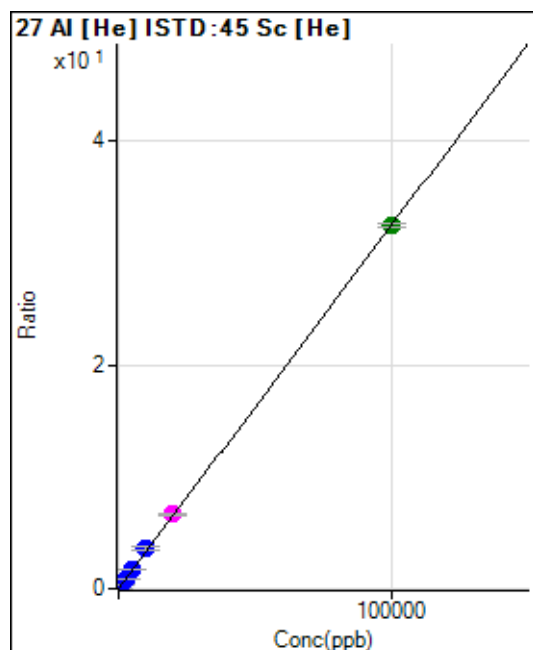
R = 0.9998

DL = 0.999

BEC = 2.352

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	95.82	0.0006	P	6.8
2	☐	20.000	18.391	1049.91	0.0066	P	2.0
3	☐	1000.000	1044.802	54614.52	0.3401	P	0.5
4	☐	2500.000	2555.927	132655.51	0.8312	P	2.7
5	☐	5000.000	5065.424	260929.47	1.6466	P	1.0
6	☐	10000.000	11100.797	537869.60	3.6078	P	9.7
7	☐	20000.000	20402.164	1076943.61	6.6303	M	3.0
8	☐	100000.00	99804.371	5245096.97	32.4322	A	1.2

$$y = 3.2495E-004 * x + 6.0806E-004$$

R = 0.9999

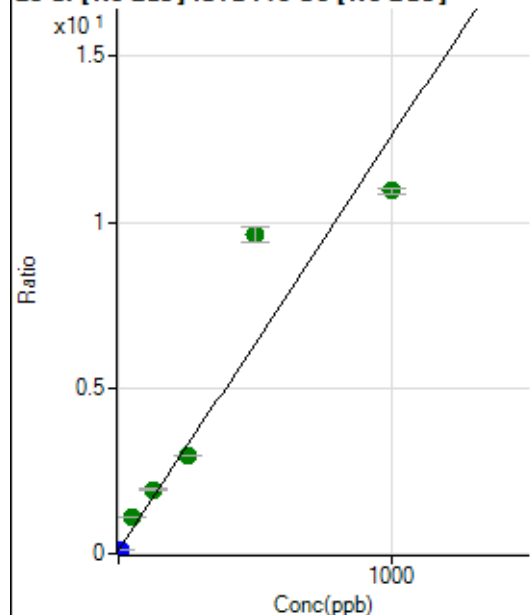
DL = 0.3822

BEC = 1.871

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	602407.50	0.0991	P	1.4
2	☐	10.000	0.994	674236.31	0.1115	P	3.9
3	☐	50.000	82.226	7069813.27	1.1258	A	0.6
4	☐	125.000	147.263	11907327.87	1.9380	A	1.9
5	☐	250.000	229.204	18469439.13	2.9612	A	1.3
6	☐	500.000	764.491	60641911.77	9.6455	A	4.8
7	☐	1000.000	868.649	71203310.62	10.9461	A	1.8
8	☐			1108337.17	0.1767	A	2.5

$$y = 0.0125 * x + 0.0991$$

$$R = 0.9461$$

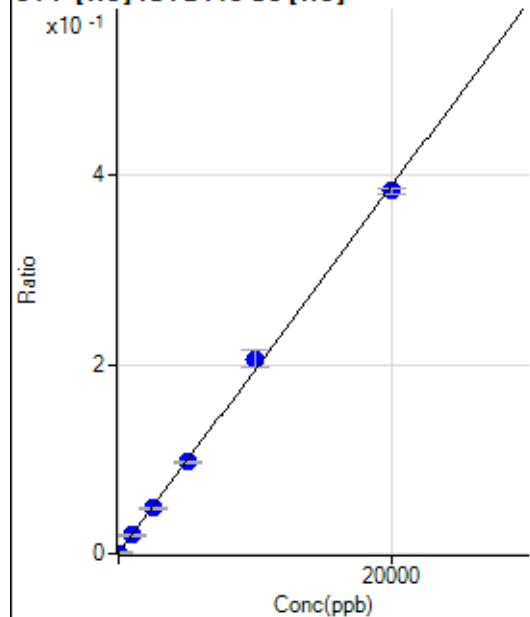
$$DL = 0.3261$$

$$BEC = 7.932$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-17.462	52.78	0.0003	P	23.9
2	☐	0.000	17.462	161.12	0.0010	P	27.3
3	☐	1000.000	983.500	3175.44	0.0198	P	5.3
4	☐	2500.000	2431.827	7646.67	0.0479	P	3.0
5	☐	5000.000	4946.242	15330.73	0.0967	P	0.4
6	☐	10000.000	10577.022	30744.48	0.2061	P	8.8
7	☐	20000.000	19734.275	62362.94	0.3840	P	1.5
8	☐			69.44	0.0004	P	71.1

$$y = 1.9424E-005 * x + 6.7397E-004$$

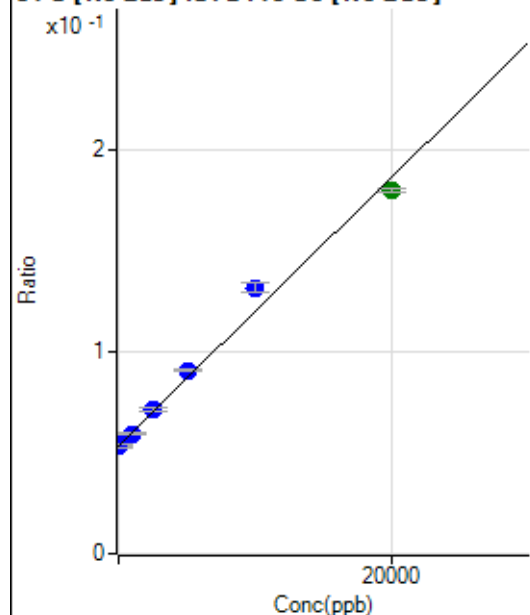
$$R = 0.9994$$

$$DL = 27.57$$

$$BEC = 34.7$$

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	30.852	327964.61	0.0539	P	2.4
2	☐	0.000	-30.852	323796.07	0.0535	P	3.5
3	☐	1000.000	848.201	372794.70	0.0594	P	2.2
4	☐	2500.000	2729.601	441713.89	0.0719	P	2.8
5	☐	5000.000	5564.034	566036.16	0.0908	P	1.3
6	☐	10000.000	11761.675	830172.25	0.1320	P	3.7
7	☐	20000.000	18957.044	1170171.46	0.1799	A	0.9
8	☐			266601.21	0.0425	P	3.1

$$y = 6.6560E-006 * x + 0.0537$$

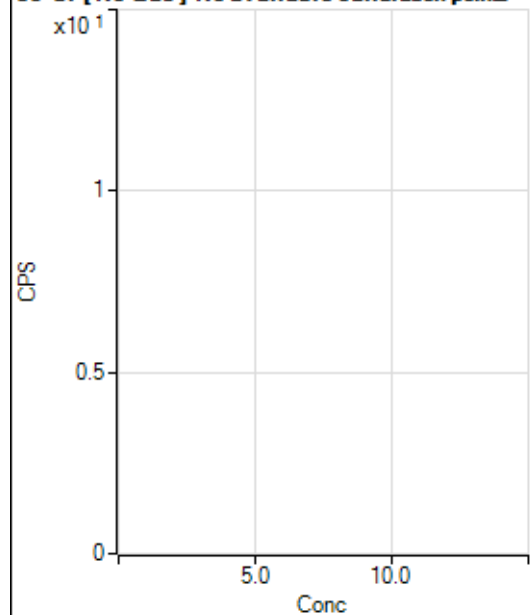
R = 0.9933

DL = 705

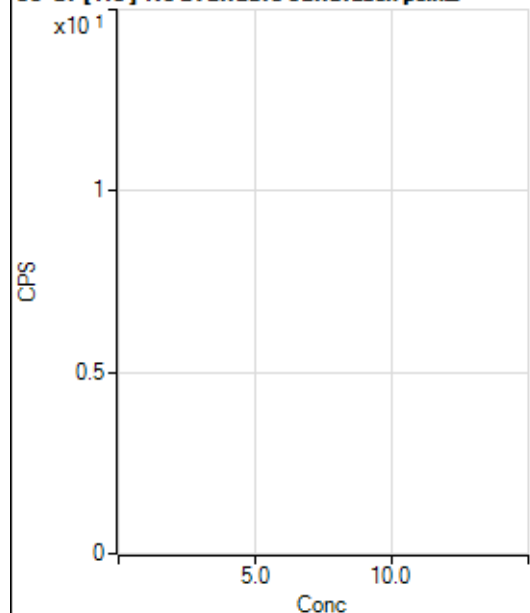
BEC = 8073

Weight: <None>

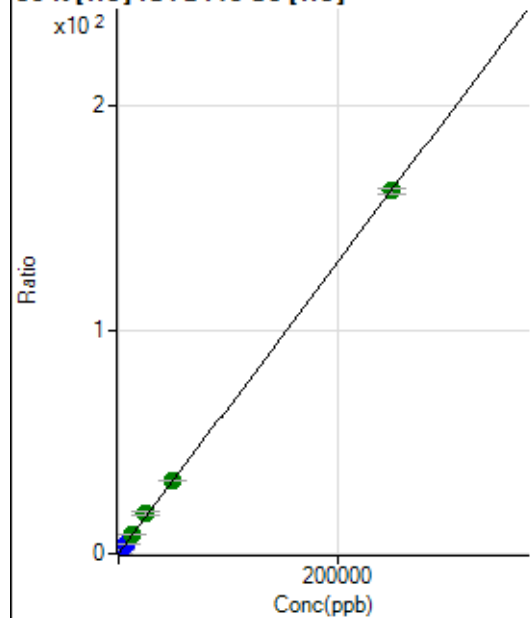
Min Conc: 0

35 Cl [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			143441.68		P	2.1
2	☐			133395.59		P	0.9
3	☐			143454.22		P	0.8
4	☐			147565.40		P	0.2
5	☐			142554.42		P	1.7
6	☐			151834.13		P	1.5
7	☐			144104.89		P	1.0
8	☐			138484.42		P	0.6

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			955.61		P	4.8
2	☐			913.94		P	6.1
3	☐			847.27		P	5.4
4	☐			877.83		P	10.5
5	☐			1038.95		P	4.1
6	☐			966.73		P	5.2
7	☐			877.83		P	8.3
8	☐			908.38		P	4.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	15303.01	0.0971	P	1.7
2	☐	500.000	465.234	63674.60	0.3993	P	0.8
3	☐	2500.000	2480.259	274220.63	1.7080	P	1.3
4	☐	6250.000	6257.549	664150.12	4.1613	P	2.6
5	☐	12500.000	12677.414	1320044.64	8.3308	A	1.3
6	☐	25000.000	27491.578	2675334.20	17.9523	A	10.3
7	☐	50000.000	50271.652	5318952.59	32.7475	A	0.7
8	☐	250000.00	249687.71	26241039.47	162.2642	A	1.6

$$y = 6.4948E-004 * x + 0.0971$$

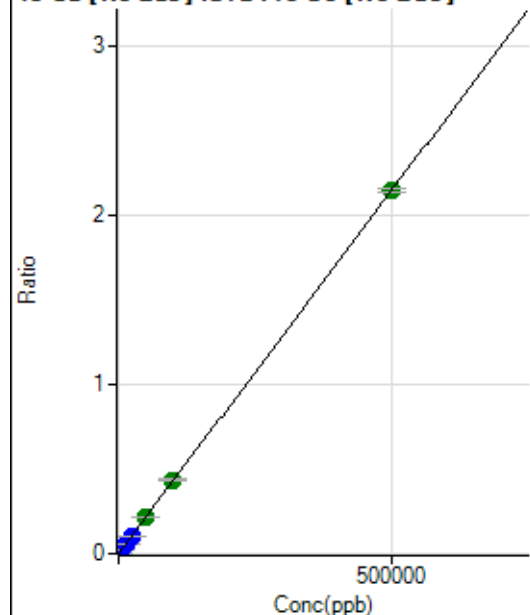
$$R = 0.9999$$

$$DL = 7.638$$

$$BEC = 149.5$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	187.90	0.0000	P	1.4
2	☐	500.000	468.676	12349.19	0.0020	P	2.7
3	☐	5000.000	4867.314	131279.02	0.0209	P	1.2
4	☐	12500.000	12345.417	325539.84	0.0530	P	1.8
5	☐	25000.000	24755.561	662391.51	0.1062	P	0.8
6	☐	50000.000	50583.476	1364749.83	0.2170	A	2.8
7	☐	100000.00	101371.62	2827556.15	0.4348	A	3.0
8	☐	500000.00	499684.77	13441075.83	2.1432	A	0.9

$$y = 4.2891\text{E-}006 * x + 3.0895\text{E-}005$$

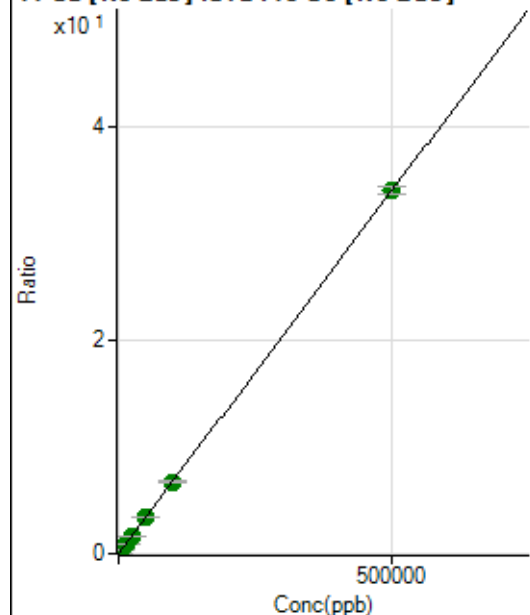
$$R = 1.0000$$

$$DL = 0.3126$$

$$BEC = 7.203$$

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	6809.11	0.0011	P	1.9
2	☐	500.000	471.402	200739.64	0.0332	P	2.8
3	☐	5000.000	5067.996	2171377.07	0.3458	A	0.5
4	☐	12500.000	12403.853	5189263.12	0.8447	A	3.1
5	☐	25000.000	24870.762	10555439.65	1.6925	A	1.1
6	☐	50000.000	50001.015	21394575.09	3.4016	A	2.8
7	☐	100000.00	98818.655	43716686.32	6.7216	A	2.6
8	☐	500000.00	500244.38	213352229.6	34.0219	A	2.2

$$y = 6.8008\text{E-}005 * x + 0.0011$$

$$R = 1.0000$$

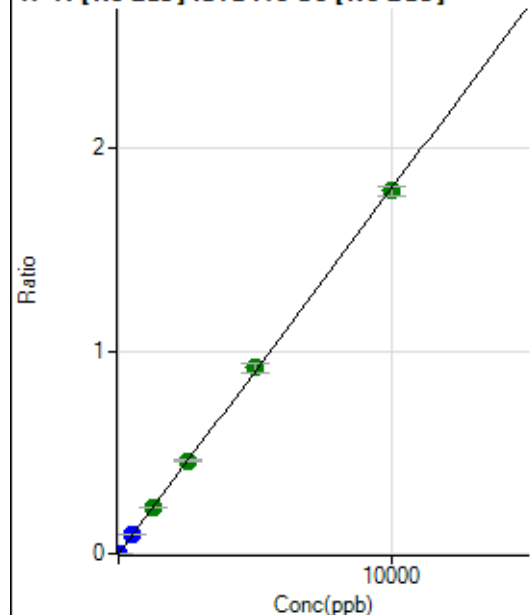
$$DL = 0.9568$$

$$BEC = 16.46$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	194.45	0.0000	P	13.2
2	☐	5.000	5.017	5662.39	0.0009	P	6.9
3	☐	500.000	516.321	584838.28	0.0931	P	2.2
4	☐	1250.000	1274.015	1412304.93	0.2298	A	1.6
5	☐	2500.000	2539.072	2855743.09	0.4580	A	2.5
6	☐	5000.000	5097.252	5779774.74	0.9193	A	5.0
7	☐	10000.000	9937.788	11655348.79	1.7923	A	2.9
8	☐			1911.30	0.0003	P	7.1

$$y = 1.8035\text{E-}004 * x + 3.1957\text{E-}005$$

$$R = 0.9999$$

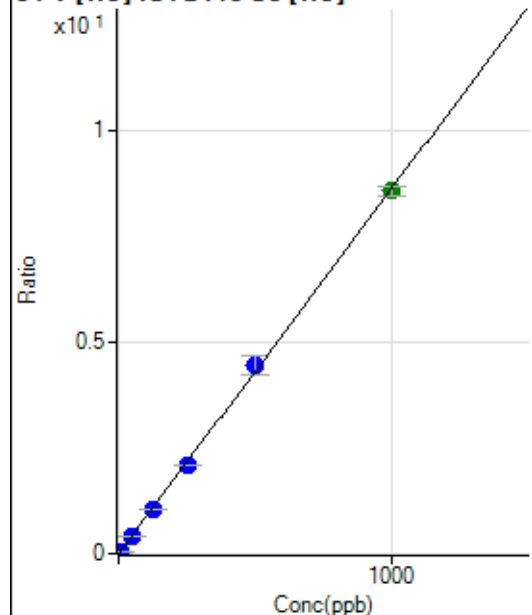
$$DL = 0.07022$$

$$BEC = 0.1772$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4.44	0.0000	P	43.4
2	☐	5.000	4.576	6295.90	0.0395	P	1.8
3	☐	50.000	48.119	66612.01	0.4149	P	1.1
4	☐	125.000	120.127	165314.68	1.0357	P	2.2
5	☐	250.000	241.084	329368.72	2.0786	P	0.6
6	☐	500.000	516.837	663863.47	4.4560	P	10.9
7	☐	1000.000	994.516	1392719.20	8.5744	A	2.4
8	☐			243.34	0.0015	P	9.3

$$y = 0.0086 * x + 2.8198\text{E-}005$$

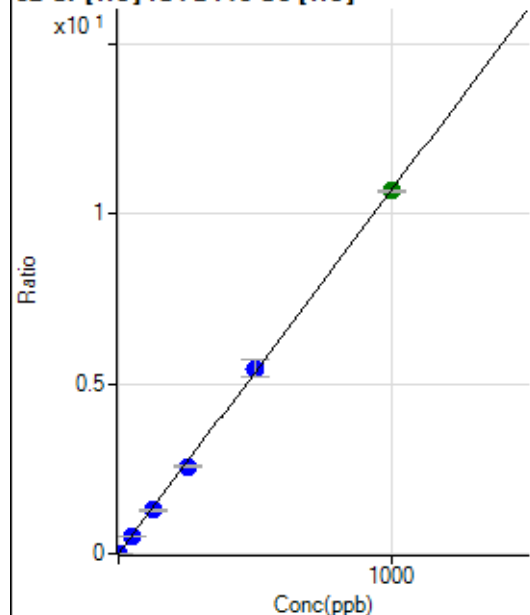
$$R = 0.9997$$

$$DL = 0.004254$$

$$BEC = 0.003271$$

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	643.36	0.0041	P	5.8
2	☐	2.000	1.859	3823.89	0.0240	P	1.5
3	☐	50.000	48.259	83565.77	0.5205	P	0.8
4	☐	125.000	119.545	204806.34	1.2832	P	2.9
5	☐	250.000	239.852	407330.38	2.5705	P	0.9
6	☐	500.000	510.338	814460.67	5.4647	P	10.2
7	☐	1000.000	998.137	1735335.82	10.6842	A	0.4
8	☐			15062.52	0.0931	P	3.4

$$y = 0.0107 * x + 0.0041$$

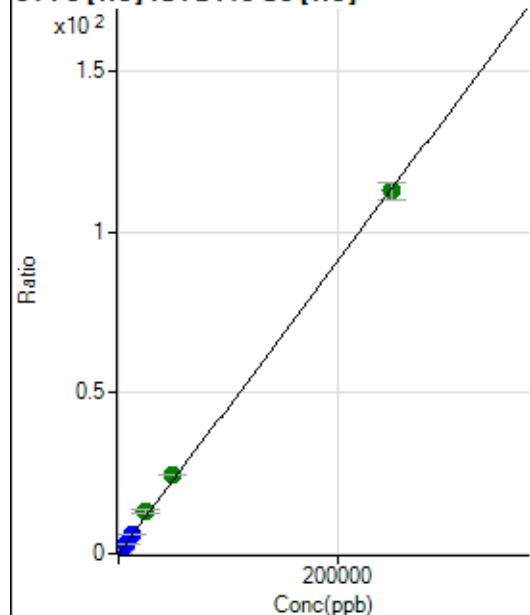
$$R = 0.9999$$

$$DL = 0.0665$$

$$BEC = 0.3815$$

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	450.02	0.0029	P	8.7
2	☐	50.000	52.940	4280.36	0.0268	P	0.4
3	☐	2500.000	2610.985	190355.65	1.1856	P	1.2
4	☐	6250.000	6555.547	474425.93	2.9725	P	2.3
5	☐	12500.000	12909.620	927118.64	5.8508	P	0.6
6	☐	25000.000	28648.554	1934875.71	12.9804	A	9.9
7	☐	50000.000	54171.565	3985864.76	24.5421	A	1.4
8	☐	250000.00	248771.60	18220478.53	112.6944	A	4.6

$$y = 4.5299E-004 * x + 0.0029$$

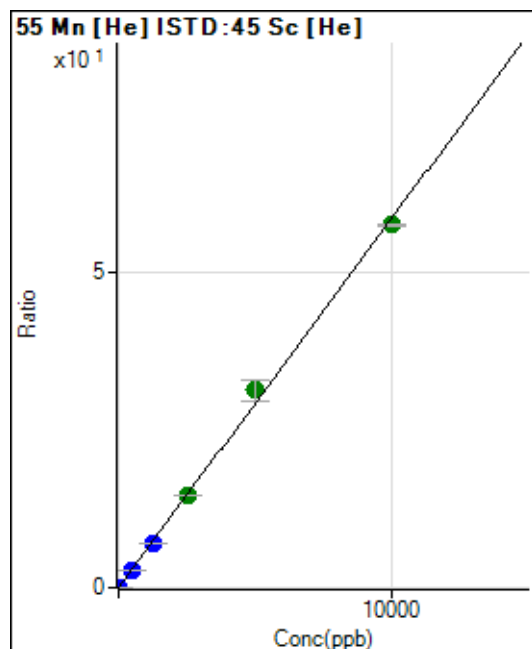
$$R = 0.9998$$

$$DL = 1.646$$

$$BEC = 6.304$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	62.22	0.0004	P	26.4
2	☐	1.000	0.974	968.93	0.0061	P	2.6
3	☐	500.000	484.461	453829.83	2.8265	P	0.6
4	☐	1250.000	1192.262	1110169.58	6.9554	P	1.7
5	☐	2500.000	2505.198	2315813.68	14.6143	A	1.1
6	☐	5000.000	5346.502	4647763.23	31.1888	A	10.4
7	☐	10000.000	9833.444	9316722.98	57.3630	A	0.6
8	☐			4718.60	0.0292	P	1.4

$$y = 0.0058 * x + 3.9486E-004$$

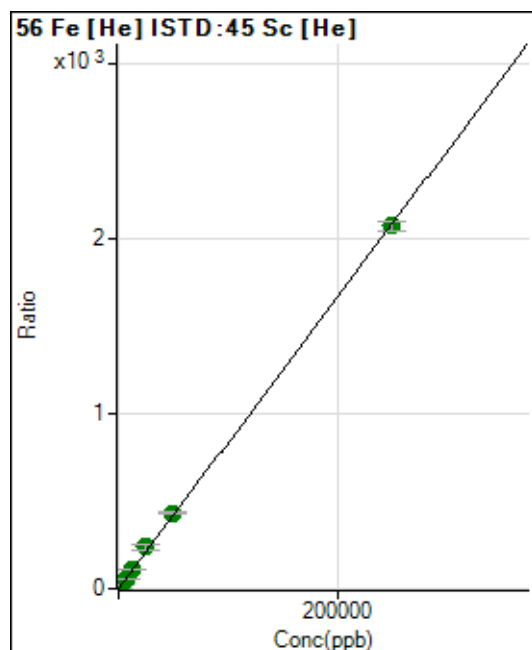
$$R = 0.9991$$

$$DL = 0.05353$$

$$BEC = 0.06769$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4059.91	0.0258	P	6.2
2	☐	50.000	49.317	69437.24	0.4354	P	0.3
3	☐	2500.000	2711.285	3620409.54	22.5451	A	0.9
4	☐	6250.000	6564.779	8706884.86	54.5514	A	2.2
5	☐	12500.000	13214.944	17396866.36	109.7862	A	0.7
6	☐	25000.000	28462.648	35221704.49	236.4304	A	11.0
7	☐	50000.000	51829.289	69918609.43	430.5087	A	1.4
8	☐	250000.00	249242.14	334756659.3	2070.177	A	2.7

$$y = 0.0083 * x + 0.0258$$

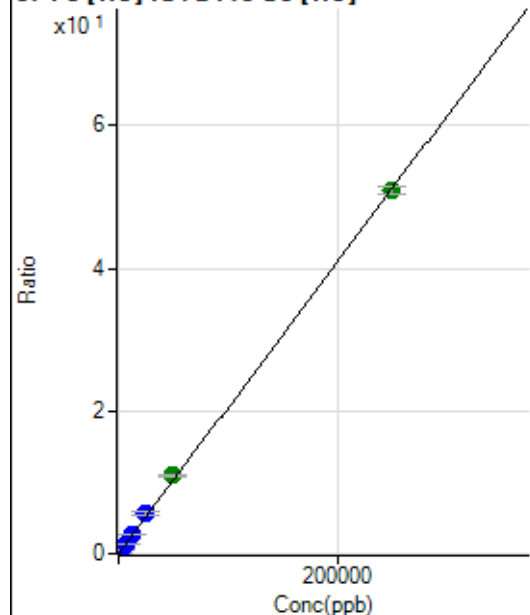
$$R = 0.9999$$

$$DL = 0.5777$$

$$BEC = 3.102$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	179.64	0.0011	P	24.3
2	☐	50.000	50.908	1839.04	0.0115	P	3.3
3	☐	2500.000	2618.809	86051.37	0.5359	P	0.8
4	☐	6250.000	6421.593	209475.08	1.3124	P	2.0
5	☐	12500.000	12975.123	419996.74	2.6506	P	0.5
6	☐	25000.000	27548.247	838564.99	5.6263	P	10.1
7	☐	50000.000	53549.628	1776088.61	10.9355	A	0.8
8	☐	250000.00	249006.01	8222478.19	50.8461	A	1.9

$$y = 2.0419\text{E-}004 * x + 0.0011$$

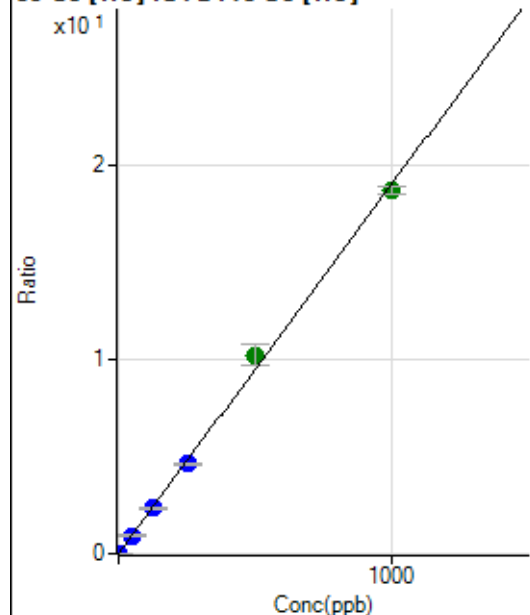
R = 0.9999

DL = 4.075

BEC = 5.58

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	71.11	0.0005	P	11.5
2	☐	1.000	0.964	3000.35	0.0188	P	2.8
3	☐	50.000	49.421	151176.54	0.9417	P	2.4
4	☐	125.000	122.743	373206.27	2.3382	P	1.6
5	☐	250.000	243.589	735250.05	4.6399	P	1.4
6	☐	500.000	538.057	1526901.61	10.2483	A	10.8
7	☐	1000.000	982.885	3040215.82	18.7205	A	2.2
8	☐			7977.86	0.0493	P	4.3

$$y = 0.0190 * x + 4.5117\text{E-}004$$

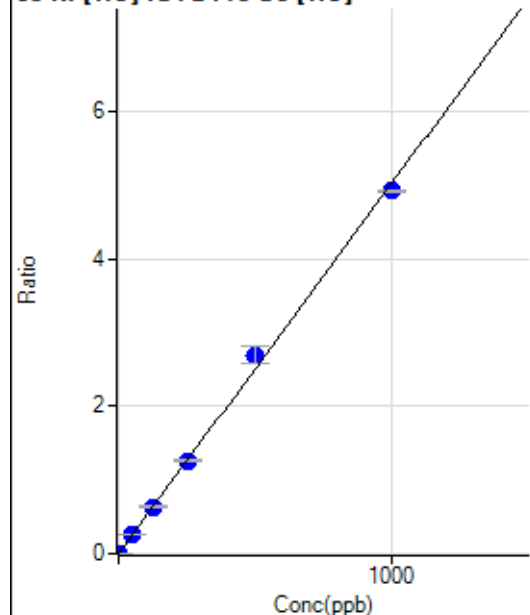
R = 0.9989

DL = 0.008137

BEC = 0.02369

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	83.33	0.0005	P	29.2
2	☐	1.000	0.966	856.70	0.0054	P	3.8
3	☐	50.000	51.773	41770.19	0.2602	P	1.0
4	☐	125.000	126.652	101459.28	0.6357	P	1.7
5	☐	250.000	251.863	200218.87	1.2636	P	0.7
6	☐	500.000	537.419	401958.80	2.6956	P	9.2
7	☐	1000.000	980.529	798740.59	4.9177	P	0.2
8	☐			6480.42	0.0401	P	4.0

$$y = 0.0050 * x + 5.2922E-004$$

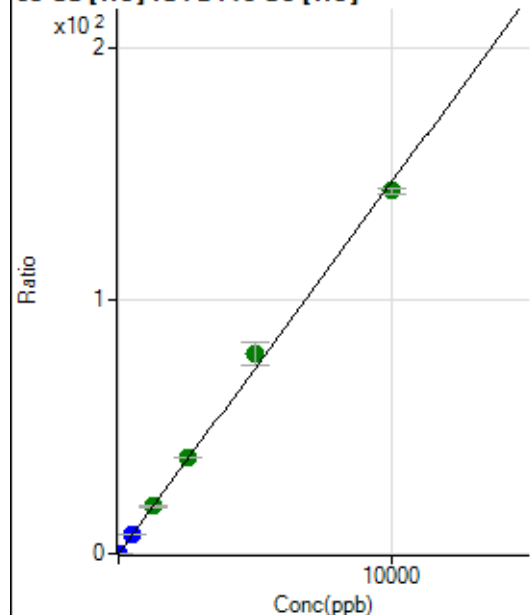
$$R = 0.9989$$

$$DL = 0.09256$$

$$BEC = 0.1055$$

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	544.46	0.0035	P	5.5
2	☐	2.000	2.005	5239.90	0.0329	P	2.0
3	☐	500.000	512.321	1206588.77	7.5149	P	0.8
4	☐	1250.000	1279.661	2994731.94	18.7653	A	3.9
5	☐	2500.000	2590.287	6018092.97	37.9811	A	1.5
6	☐	5000.000	5398.995	11789528.02	79.1612	A	11.5
7	☐	10000.000	9773.607	23274775.49	143.2999	A	1.5
8	☐			6250.31	0.0387	P	6.1

$$y = 0.0147 * x + 0.0035$$

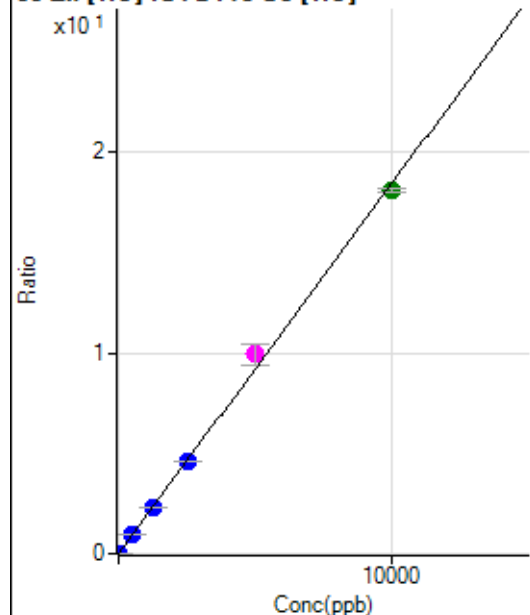
$$R = 0.9987$$

$$DL = 0.0387$$

$$BEC = 0.2357$$

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	114.45	0.0007	P	15.1
2	☐	2.000	2.183	756.69	0.0047	P	0.7
3	☐	500.000	510.506	150946.41	0.9402	P	1.8
4	☐	1250.000	1236.086	363212.64	2.2756	P	1.5
5	☐	2500.000	2483.326	724292.22	4.5709	P	0.8
6	☐	5000.000	5388.594	1477409.80	9.9177	M	11.2
7	☐	10000.000	9811.085	2932717.04	18.0566	A	1.1
8	☐			2912.55	0.0180	P	0.6

$$y = 0.0018 * x + 7.2676E-004$$

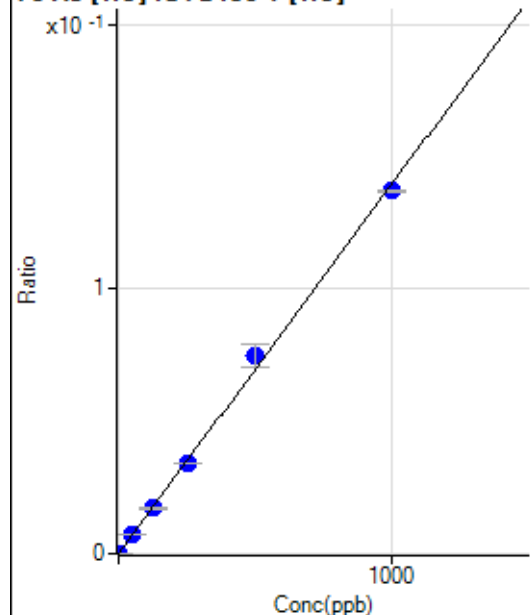
$$R = 0.9989$$

$$DL = 0.1793$$

$$BEC = 0.3949$$

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	7.00	0.0000	P	43.6
2	☐	1.000	1.042	184.02	0.0002	P	4.5
3	☐	50.000	50.074	8540.45	0.0070	P	0.4
4	☐	125.000	123.350	20934.92	0.0172	P	2.0
5	☐	250.000	246.152	41273.77	0.0343	P	0.5
6	☐	500.000	536.009	84035.61	0.0747	P	11.2
7	☐	1000.000	983.160	169558.51	0.1370	P	0.5
8	☐			65.01	0.0001	P	21.8

$$y = 1.3935E-004 * x + 5.7935E-006$$

$$R = 0.9990$$

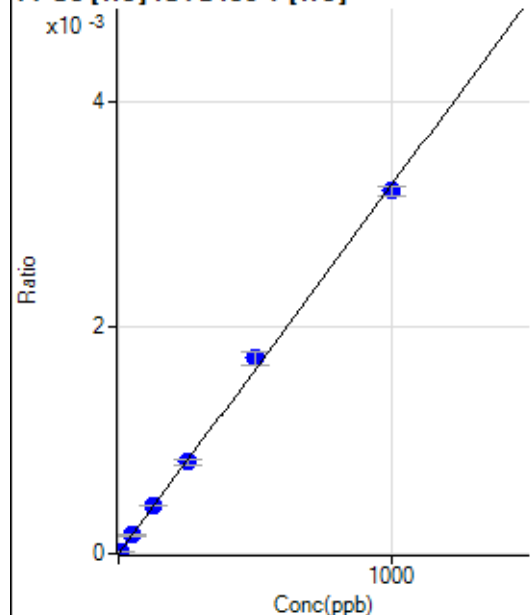
$$DL = 0.05437$$

$$BEC = 0.04158$$

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	0.00	0.0000	P	
2	☐	5.000	4.465	17.78	0.0000	P	70.9
3	☐	50.000	50.750	202.22	0.0002	P	5.5
4	☐	125.000	128.543	510.01	0.0004	P	0.9
5	☐	250.000	248.015	972.27	0.0008	P	5.3
6	☐	500.000	531.159	1952.38	0.0017	P	7.1
7	☐	1000.000	984.439	3969.49	0.0032	P	2.5
8	☐			5.56	0.0000	P	91.7

$$y = 3.2584\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9993$$

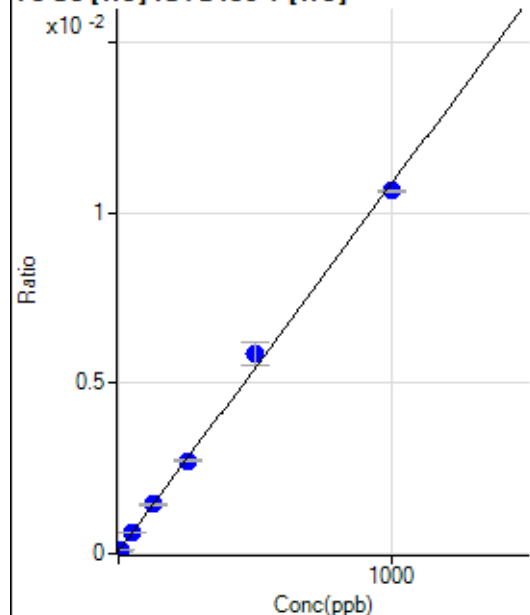
$$DL = 0$$

$$BEC = 0$$

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	79.01	0.0001	P	11.9
2	☐	5.000	4.525	139.02	0.0001	P	0.7
3	☐	50.000	50.706	748.43	0.0006	P	1.3
4	☐	125.000	127.869	1757.96	0.0014	P	3.0
5	☐	250.000	245.859	3268.05	0.0027	P	2.5
6	☐	500.000	539.009	6613.23	0.0059	P	10.9
7	☐	1000.000	981.139	13173.15	0.0106	P	0.7
8	☐			72.01	0.0001	P	5.6

$$y = 1.0782\text{E-}005 * x + 6.5266\text{E-}005$$

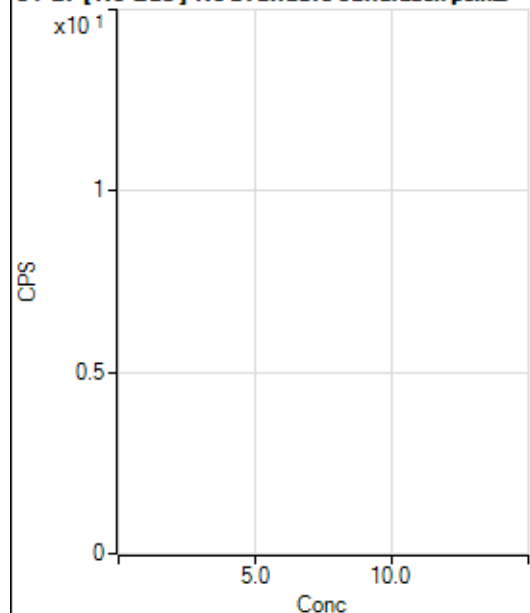
$$R = 0.9988$$

$$DL = 2.166$$

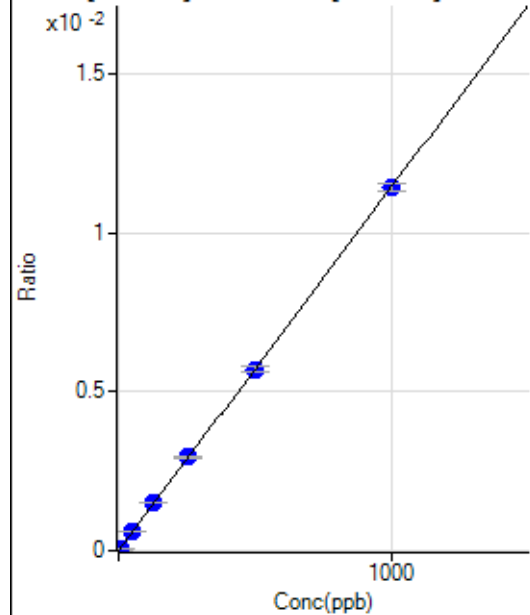
$$BEC = 6.053$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			48091.03		P	1.1
2	☐			48735.85		P	2.0
3	☐			46841.53		P	2.5
4	☐			45844.38		P	5.2
5	☐			42847.02		P	2.6
6	☐			44507.74		P	4.8
7	☐			43881.33		P	4.8
8	☐			42428.86		P	3.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	20.42	0.0000	P	257.
2	☐	5.000	4.718	708.39	0.0001	P	12.5
3	☐	50.000	52.664	7843.90	0.0006	P	3.1
4	☐	125.000	132.090	19440.29	0.0015	P	0.6
5	☐	250.000	256.664	38165.14	0.0029	P	1.0
6	☐	500.000	499.529	77462.41	0.0057	P	2.5
7	☐	1000.000	997.551	157489.61	0.0114	P	2.1
8	☐			225.02	0.0000	P	43.4

$$y = 1.1451E-005 * x + 1.5862E-006$$

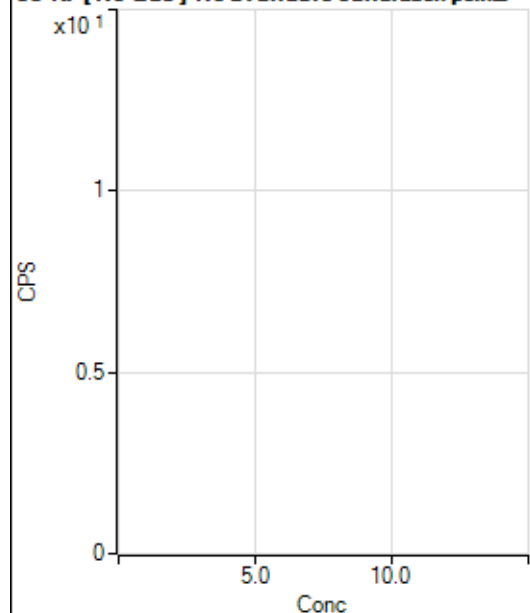
$$R = 1.0000$$

$$DL = 1.071$$

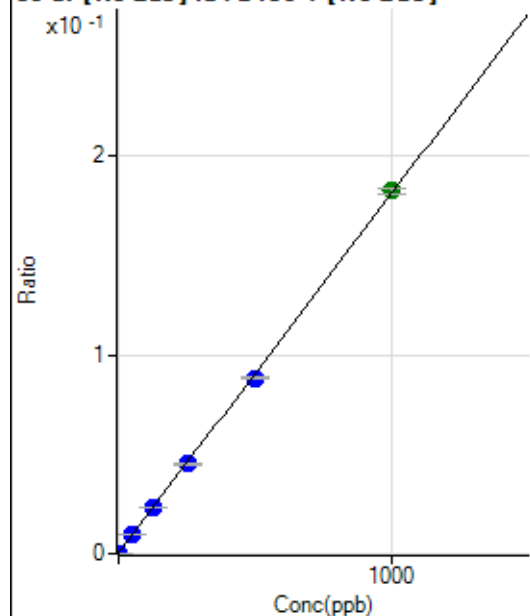
$$BEC = 0.1385$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2492.00		P	1.6
2	☐			2583.67		P	2.9
3	☐			2572.01		P	3.1
4	☐			2514.08		P	2.2
5	☐			2606.59		P	0.6
6	☐			2612.01		P	0.9
7	☐			2534.09		P	2.8
8	☐			2640.76		P	1.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	4100.72	0.0003	P	3.1
2	☐	1.000	0.817	5990.34	0.0005	P	3.9
3	☐	50.000	49.397	120061.57	0.0093	P	0.5
4	☐	125.000	125.513	295535.95	0.0230	P	1.4
5	☐	250.000	247.161	584184.50	0.0450	P	1.4
6	☐	500.000	486.929	1196782.47	0.0884	P	0.8
7	☐	1000.000	1007.212	2515504.66	0.1824	A	1.9
8	☐			20687.92	0.0015	P	1.2

$$y = 1.8082E-004 * x + 3.2250E-004$$

$$R = 0.9999$$

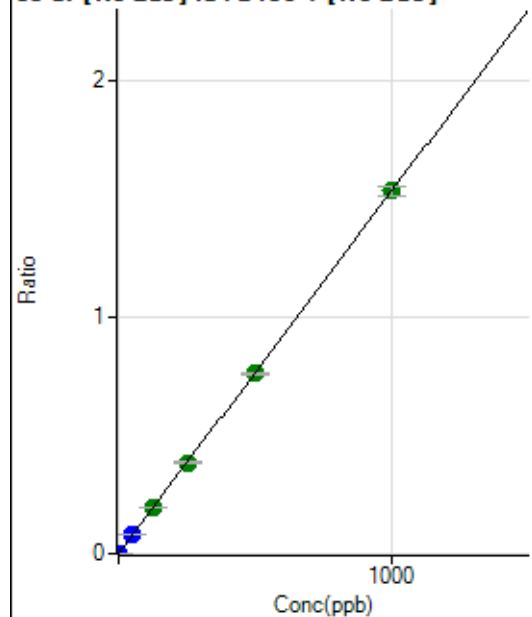
$$DL = 0.1672$$

$$BEC = 1.784$$

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	238.89	0.0000	P	20.4
2	☐	1.000	0.979	19349.97	0.0015	P	2.0
3	☐	50.000	50.810	1010392.88	0.0779	P	1.0
4	☐	125.000	126.531	2489926.20	0.1939	A	0.5
5	☐	250.000	251.546	5002718.73	0.3855	A	2.3
6	☐	500.000	497.121	10318876.36	0.7618	A	1.6
7	☐	1000.000	1000.822	21146458.98	1.5338	A	2.3
8	☐			139290.22	0.0104	P	1.0

$$y = 0.0015 * x + 1.8812E-005$$

$$R = 1.0000$$

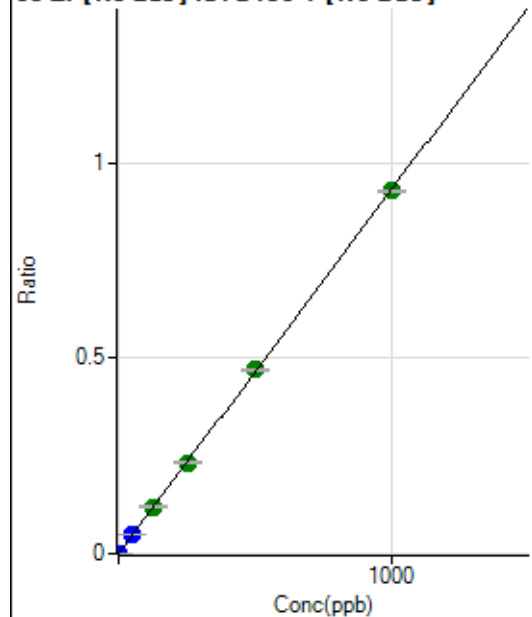
$$DL = 0.007499$$

$$BEC = 0.01228$$

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	558.36	0.0000	P	22.5
2	☐	1.000	0.891	11146.43	0.0009	P	0.8
3	☐	50.000	51.625	624810.75	0.0482	P	1.2
4	☐	125.000	129.002	1544385.58	0.1203	A	0.6
5	☐	250.000	250.002	3024876.22	0.2331	A	1.4
6	☐	500.000	505.993	6388220.71	0.4717	A	1.1
7	☐	1000.000	996.422	12806817.82	0.9288	A	0.2
8	☐			6473.89	0.0005	P	2.2

$$y = 9.3208E-004 * x + 4.3844E-005$$

$$R = 1.0000$$

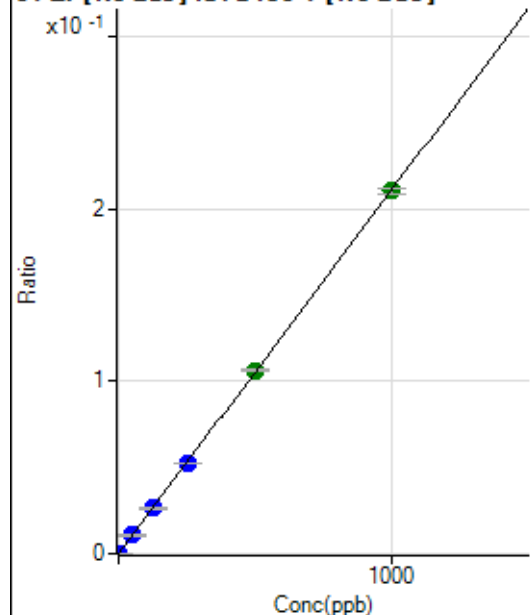
$$DL = 0.03173$$

$$BEC = 0.04704$$

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	91.67	0.0000	P	48.0
2	☐	1.000	0.902	2516.97	0.0002	P	5.9
3	☐	50.000	50.275	137679.46	0.0106	P	2.4
4	☐	125.000	124.592	337527.94	0.0263	P	1.6
5	☐	250.000	248.308	679911.06	0.0524	P	0.8
6	☐	500.000	504.754	1442157.57	0.1065	A	0.7
7	☐	1000.000	998.083	2902778.54	0.2105	A	1.3
8	☐			1441.78	0.0001	P	6.2

$$y = 2.1095E-004 * x + 7.2089E-006$$

$$R = 1.0000$$

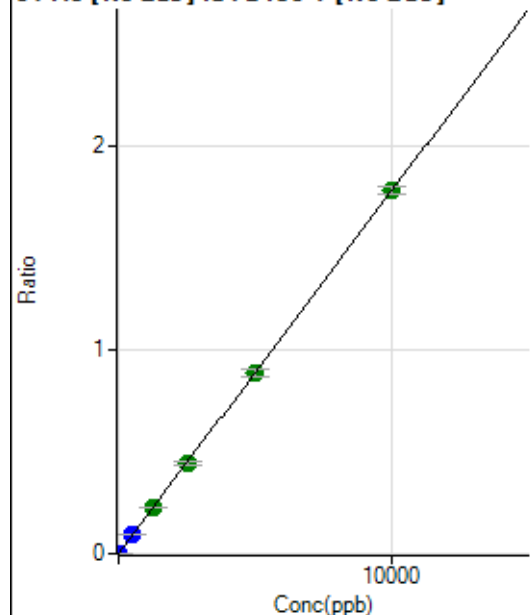
$$DL = 0.04916$$

$$BEC = 0.03417$$

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	177.78	0.0000	P	13.3
2	☐	5.000	5.655	13020.42	0.0010	P	4.1
3	☐	500.000	514.363	1189643.85	0.0917	P	1.3
4	☐	1250.000	1256.779	2876319.14	0.2240	A	1.5
5	☐	2500.000	2499.034	5780139.41	0.4455	A	3.2
6	☐	5000.000	4988.722	12038056.17	0.8892	A	4.0
7	☐	10000.000	10004.315	24582999.86	1.7832	A	2.0
8	☐			8775.21	0.0007	P	6.8

$$y = 1.7825E-004 * x + 1.3966E-005$$

$$R = 1.0000$$

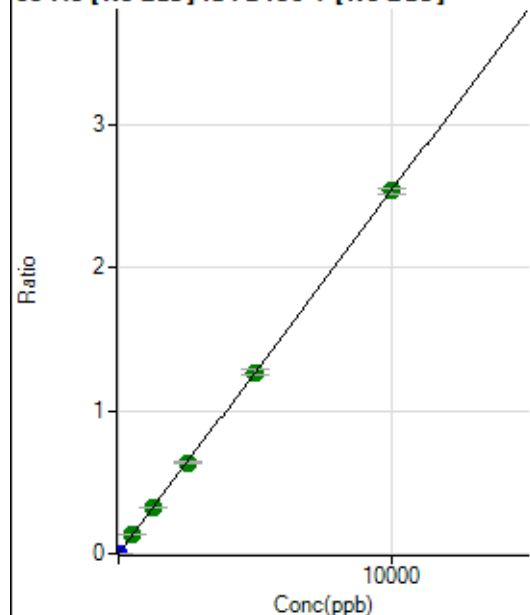
$$DL = 0.03121$$

$$BEC = 0.07835$$

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	47.22	0.0000	P	27.9
2	☐	5.000	4.902	15917.87	0.0012	P	4.2
3	☐	500.000	519.706	1712586.57	0.1320	A	2.3
4	☐	1250.000	1265.623	4127284.42	0.3215	A	2.1
5	☐	2500.000	2512.953	8282885.95	0.6383	A	2.1
6	☐	5000.000	4999.178	17192597.95	1.2698	A	2.6
7	☐	10000.000	9994.235	34995878.21	2.5385	A	1.6
8	☐			10059.52	0.0007	P	3.9

$$y = 2.5400\text{E-}004 * x + 3.7204\text{E-}006$$

$$R = 1.0000$$

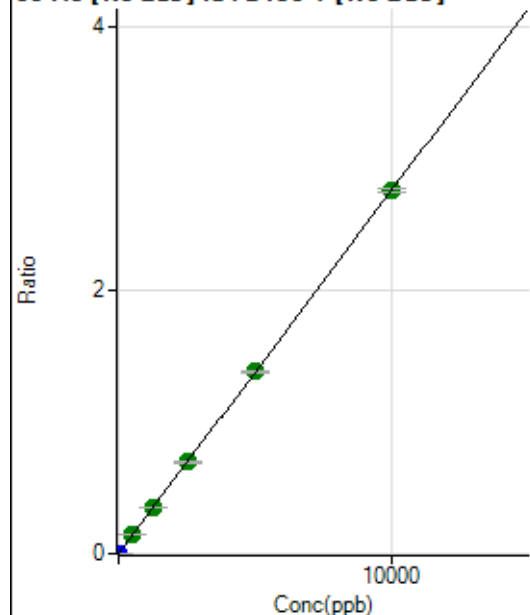
$$DL = 0.01227$$

$$BEC = 0.01465$$

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	300.01	0.0000	P	11.5
2	☐	5.000	5.133	18343.10	0.0014	P	3.1
3	☐	500.000	514.603	1841748.13	0.1420	A	1.1
4	☐	1250.000	1265.626	4482581.83	0.3491	A	0.8
5	☐	2500.000	2528.644	9053865.31	0.6975	A	1.3
6	☐	5000.000	5004.262	18694153.02	1.3804	A	1.1
7	☐	10000.000	9988.025	37983913.00	2.7551	A	1.2
8	☐			30840.85	0.0023	P	4.1

$$y = 2.7584\text{E-}004 * x + 2.3599\text{E-}005$$

$$R = 1.0000$$

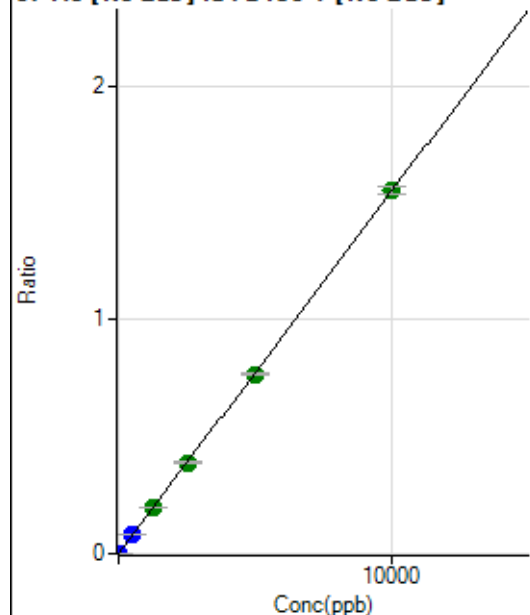
$$DL = 0.02941$$

$$BEC = 0.08555$$

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	22.22	0.0000	P	20.8
2	☐	5.000	4.993	9881.54	0.0008	P	4.3
3	☐	500.000	517.521	1040585.73	0.0802	P	0.9
4	☐	1250.000	1278.895	2544716.18	0.1982	A	2.3
5	☐	2500.000	2518.103	5065183.62	0.3903	A	1.4
6	☐	5000.000	4954.373	10399573.15	0.7678	A	1.0
7	☐	10000.000	10013.800	21395323.05	1.5520	A	2.0
8	☐			6018.16	0.0004	P	5.8

$$y = 1.5498\text{E-}004 * x + 1.7450\text{E-}006$$

$$R = 1.0000$$

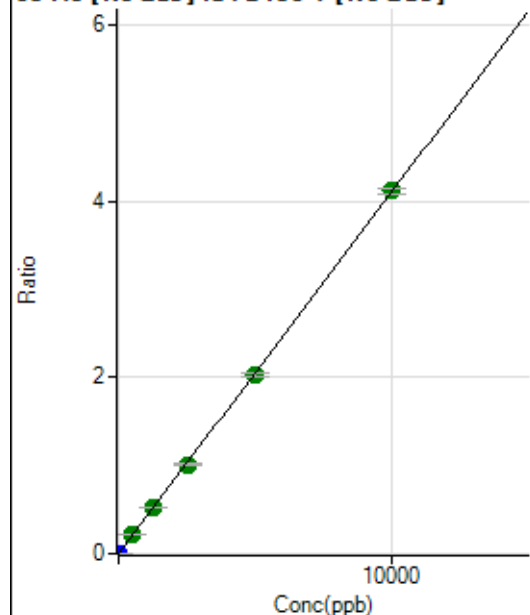
$$DL = 0.007013$$

$$BEC = 0.01126$$

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	105.56	0.0000	P	9.0
2	☐	5.000	4.912	25766.35	0.0020	P	1.1
3	☐	500.000	513.306	2729756.03	0.2104	A	1.1
4	☐	1250.000	1266.644	6665934.22	0.5192	A	2.6
5	☐	2500.000	2469.578	13137962.71	1.0123	A	1.1
6	☐	5000.000	4939.198	27414978.04	2.0246	A	1.5
7	☐	10000.000	10035.261	56715804.04	4.1134	A	1.6
8	☐			15403.48	0.0011	P	7.2

$$y = 4.0990\text{E-}004 * x + 8.2997\text{E-}006$$

$$R = 1.0000$$

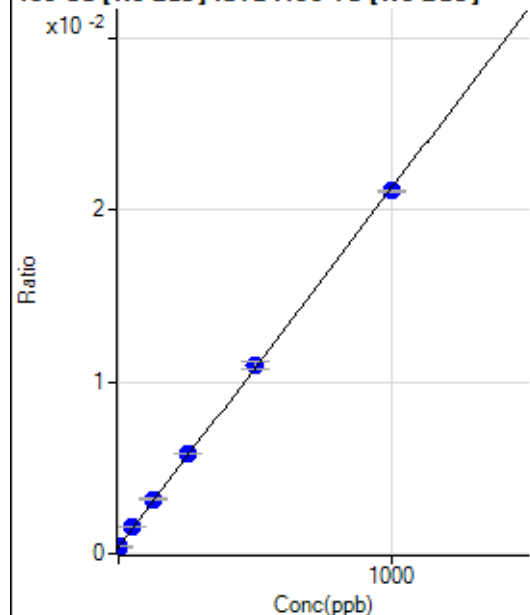
$$DL = 0.005447$$

$$BEC = 0.02025$$

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	3314.39	0.0004	P	5.7
2	☐	1.000	1.038	3525.56	0.0004	P	1.6
3	☐	50.000	54.371	13306.73	0.0015	P	1.7
4	☐	125.000	133.393	27862.18	0.0032	P	4.6
5	☐	250.000	261.069	51890.25	0.0058	P	0.3
6	☐	500.000	506.988	103102.98	0.0110	P	3.9
7	☐	1000.000	992.471	201702.32	0.0211	P	0.7
8	☐			3317.16	0.0004	P	1.9

$$y = 2.0853\text{E-}005 * x + 3.8868\text{E-}004$$

$$R = 0.9999$$

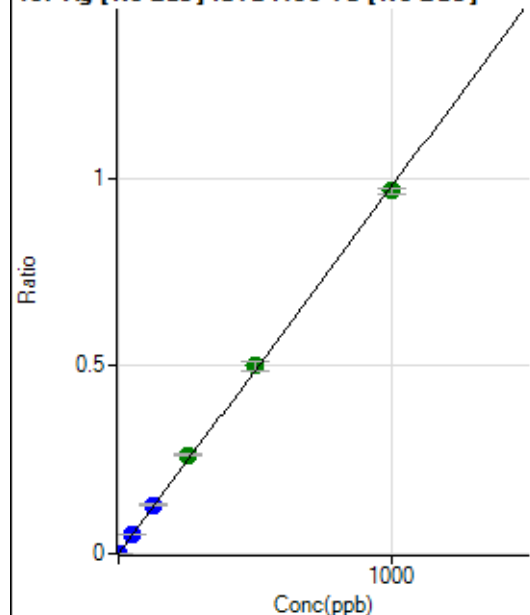
$$DL = 3.169$$

$$BEC = 18.64$$

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	94.45	0.0000	P	27.9
2	☐	1.000	1.025	8689.07	0.0010	P	6.1
3	☐	50.000	54.669	466869.96	0.0534	P	0.5
4	☐	125.000	132.992	1142005.73	0.1299	P	3.3
5	☐	250.000	268.233	2331912.47	0.2621	A	2.3
6	☐	500.000	511.441	4700595.03	0.4997	A	4.3
7	☐	1000.000	988.489	9237812.88	0.9658	A	1.7
8	☐			3922.92	0.0004	P	5.8

$$y = 9.7701\text{E-}004 * x + 1.1097\text{E-}005$$

$$R = 0.9997$$

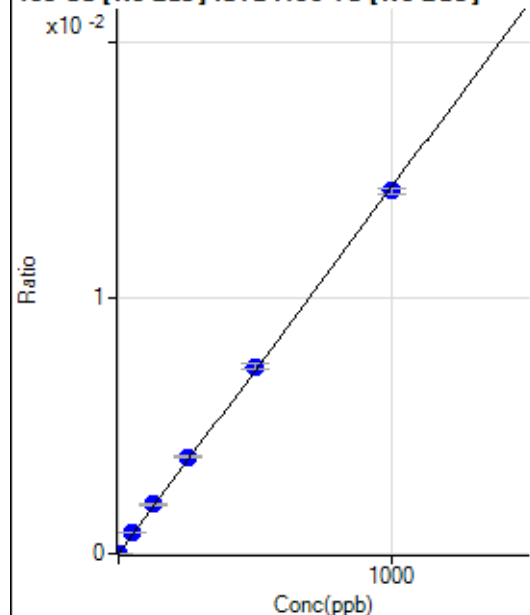
$$DL = 0.009499$$

$$BEC = 0.01136$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	34.72	0.0000	P	19.0
2	☐	1.000	1.252	188.89	0.0000	P	10.3
3	☐	50.000	56.160	7061.63	0.0008	P	1.4
4	☐	125.000	134.112	16904.97	0.0019	P	5.7
5	☐	250.000	263.832	33636.95	0.0038	P	2.1
6	☐	500.000	510.600	68825.11	0.0073	P	2.8
7	☐	1000.000	989.795	135595.04	0.0142	P	1.8
8	☐			152.78	0.0000	P	15.7

$$y = 1.4318\text{E-}005 * x + 4.0745\text{E-}006$$

$$R = 0.9998$$

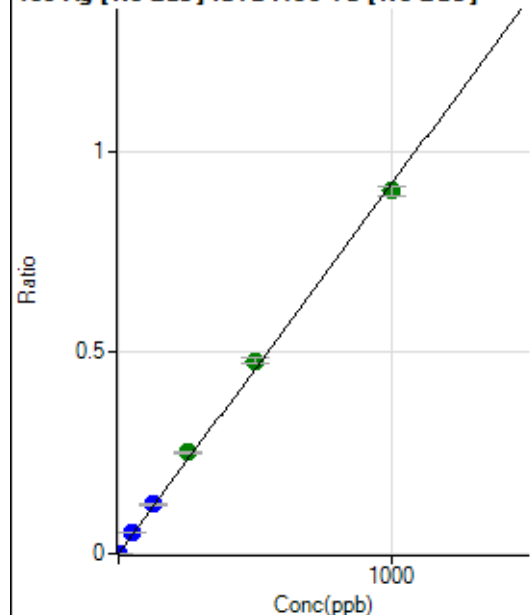
$$DL = 0.1622$$

$$BEC = 0.2846$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	69.45	0.0000	P	7.8
2	☐	1.000	1.064	8452.83	0.0010	P	5.3
3	☐	50.000	55.581	445986.31	0.0510	P	1.3
4	☐	125.000	134.062	1081604.92	0.1231	P	5.0
5	☐	250.000	274.922	2245318.56	0.2524	A	2.4
6	☐	500.000	521.506	4504800.54	0.4788	A	3.3
7	☐	1000.000	981.605	8620138.48	0.9013	A	2.8
8	☐			3570.00	0.0004	P	8.3

$$y = 9.1818\text{E-}004 * x + 8.1468\text{E-}006$$

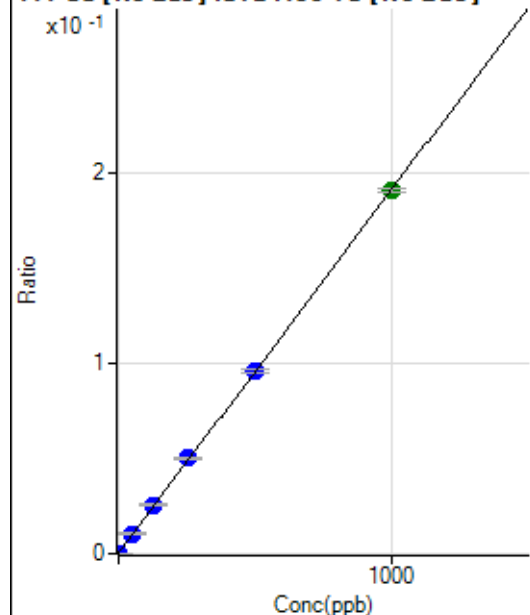
$$R = 0.9993$$

$$DL = 0.002075$$

$$BEC = 0.008873$$

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	2352.71	0.0003	P	6.1
2	☐	1.000	1.074	4133.03	0.0005	P	1.7
3	☐	50.000	53.894	92405.41	0.0106	P	2.2
4	☐	125.000	132.410	224861.59	0.0256	P	2.6
5	☐	250.000	260.743	445778.96	0.0501	P	1.8
6	☐	500.000	499.061	899945.89	0.0957	P	2.0
7	☐	1000.000	996.663	1824826.09	0.1908	A	0.9
8	☐			2749.80	0.0003	P	0.6

$$y = 1.9113\text{E-}004 * x + 2.7592\text{E-}004$$

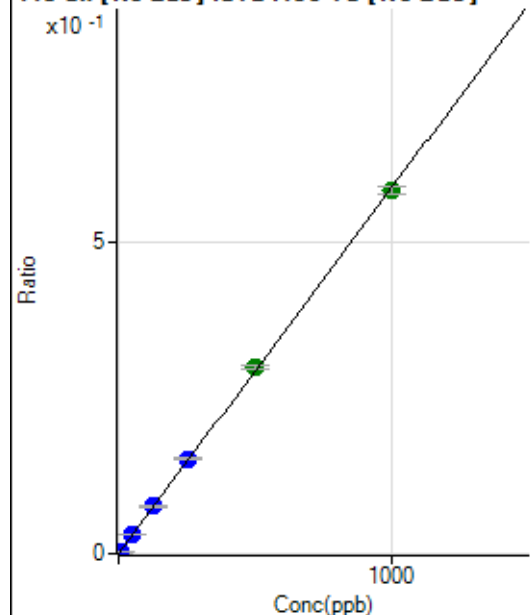
$$R = 0.9999$$

$$DL = 0.2652$$

$$BEC = 1.444$$

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	877.84	0.0001	P	7.5
2	☐	5.000	5.115	26615.36	0.0031	P	3.8
3	☐	50.000	52.236	268332.88	0.0307	P	1.3
4	☐	125.000	129.054	665513.12	0.0757	P	2.6
5	☐	250.000	259.518	1353586.14	0.1522	P	1.3
6	☐	500.000	509.669	2810999.59	0.2987	A	2.0
7	☐	1000.000	992.167	5561373.04	0.5814	A	1.9
8	☐			3536.67	0.0004	P	1.4

$$y = 5.8592\text{E-}004 * x + 1.0295\text{E-}004$$

$$R = 0.9999$$

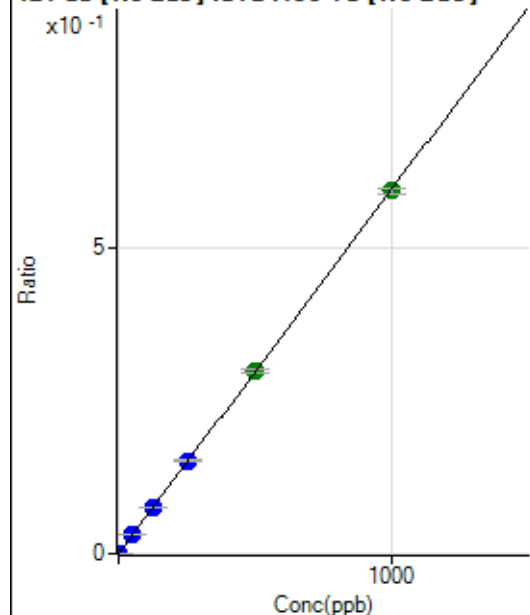
$$DL = 0.03965$$

$$BEC = 0.1757$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	86.12	0.0000	P	23.5
2	☐	2.000	1.953	10076.20	0.0012	P	5.5
3	☐	50.000	52.021	270889.53	0.0310	P	1.3
4	☐	125.000	126.844	664237.67	0.0756	P	3.2
5	☐	250.000	255.735	1355491.13	0.1524	P	0.5
6	☐	500.000	503.542	2822368.85	0.3000	A	1.9
7	☐	1000.000	996.463	5678473.83	0.5937	A	1.8
8	☐			2825.38	0.0003	P	11.3

$$y = 5.9576\text{E-}004 * x + 1.0086\text{E-}005$$

$$R = 1.0000$$

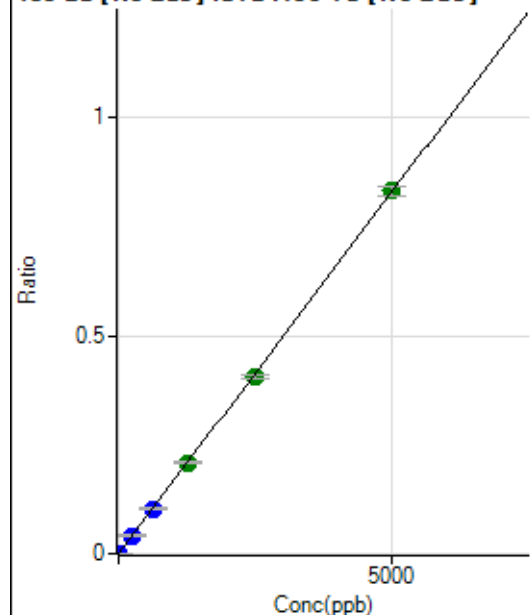
$$DL = 0.01193$$

$$BEC = 0.01693$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0000	P	50.3
2	☐	10.000	9.533	13579.38	0.0016	P	5.7
3	☐	250.000	250.902	362920.07	0.0415	P	2.6
4	☐	625.000	622.814	906163.71	0.1031	P	3.4
5	☐	1250.000	1261.574	1857808.00	0.2089	A	1.8
6	☐	2500.000	2450.765	3817292.19	0.4057	A	1.4
7	☐	5000.000	5021.953	7951831.86	0.8314	A	2.7
8	☐			3842.33	0.0004	P	3.9

$$y = 1.6555\text{E-}004 * x + 3.9179\text{E-}006$$

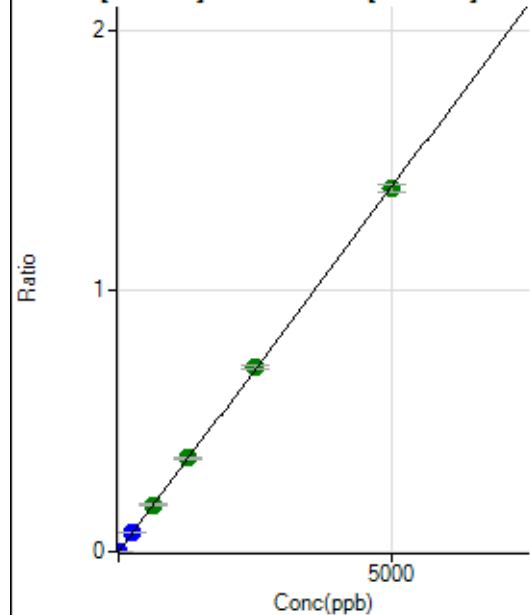
$$R = 0.9999$$

$$DL = 0.03574$$

$$BEC = 0.02367$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	44.45	0.0000	P	29.1
2	☐	10.000	9.673	23284.50	0.0027	P	3.5
3	☐	250.000	262.324	641385.24	0.0734	P	2.4
4	☐	625.000	638.408	1570314.96	0.1787	A	3.0
5	☐	1250.000	1287.092	3204727.52	0.3602	A	2.0
6	☐	2500.000	2528.230	6655857.31	0.7075	A	2.0
7	☐	5000.000	4974.321	13315277.38	1.3920	A	2.3
8	☐			6729.65	0.0007	P	1.1

$$y = 2.7983E-004 * x + 5.2173E-006$$

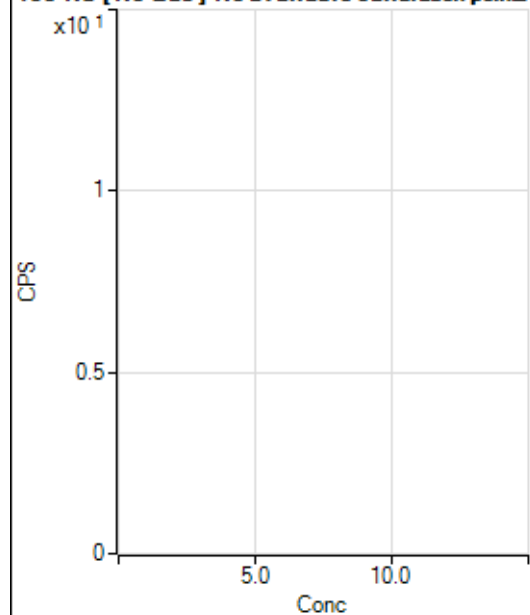
$$R = 0.9999$$

$$DL = 0.01626$$

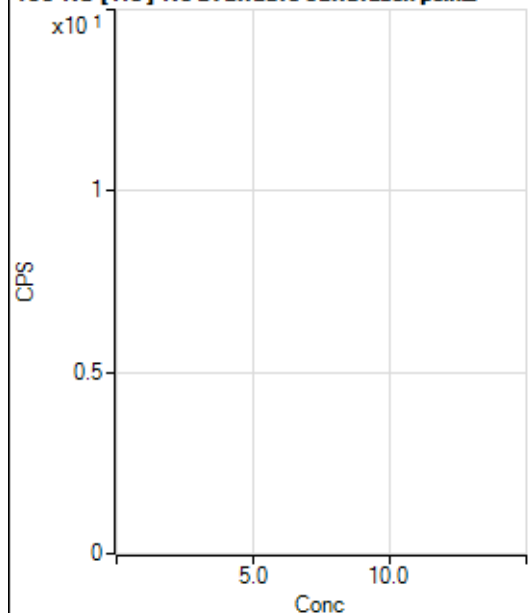
$$BEC = 0.01864$$

Weight: <None>

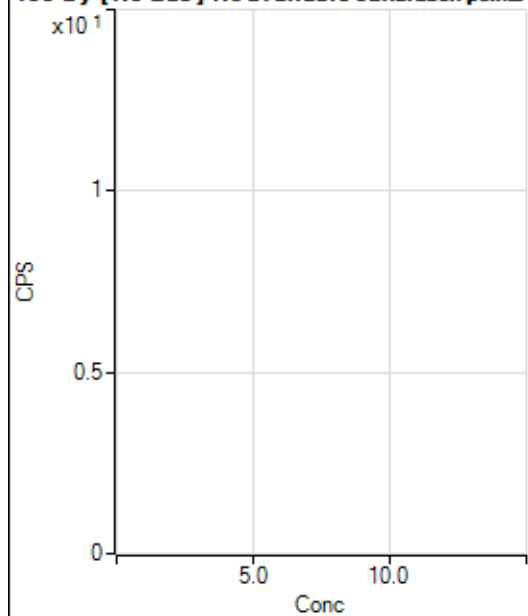
Min Conc: 0

150 Nd [No Gas] No available calibration points

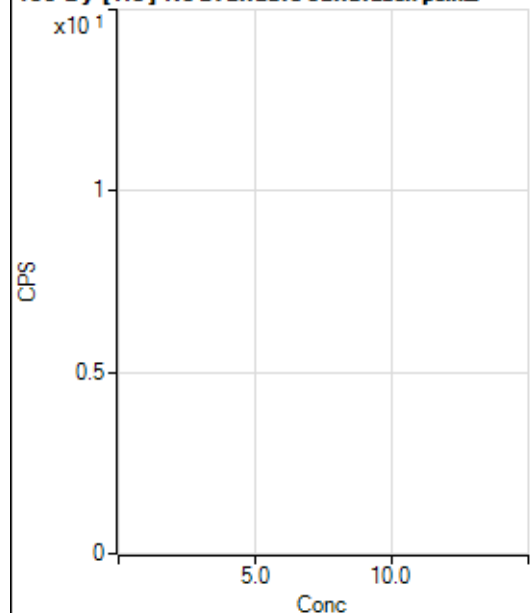
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	91.7
2	☐			11.11		P	34.6
3	☐			37.78		P	36.7
4	☐			86.67		P	46.8
5	☐			126.67		P	32.9
6	☐			228.90		P	9.4
7	☐			531.13		P	11.3
8	☐			55.56		P	54.1

150 Nd [He] No available calibration points

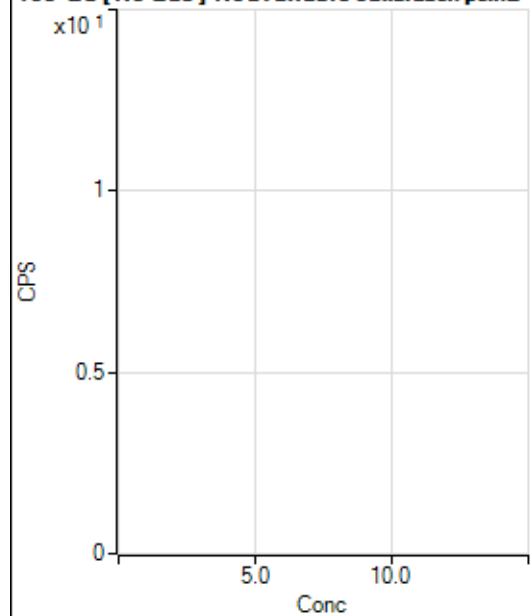
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			2.22		P	86.6
3	☐			5.55		P	69.3
4	☐			8.89		P	21.6
5	☐			12.22		P	31.5
6	☐			33.33		P	10.0
7	☐			62.22		P	35.7
8	☐			17.78		P	10.8

156 Dy [No Gas] No available calibration points

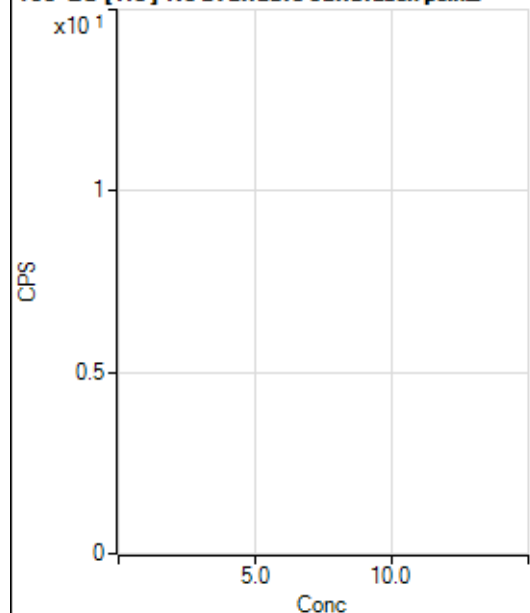
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	100.
2	☐			19.44		P	49.5
3	☐			27.78		P	17.3
4	☐			58.33		P	0.0
5	☐			97.23		P	27.6
6	☐			227.79		P	31.1
7	☐			363.90		P	29.2
8	☐			777.82		P	10.4

156 Dy [He] No available calibration points

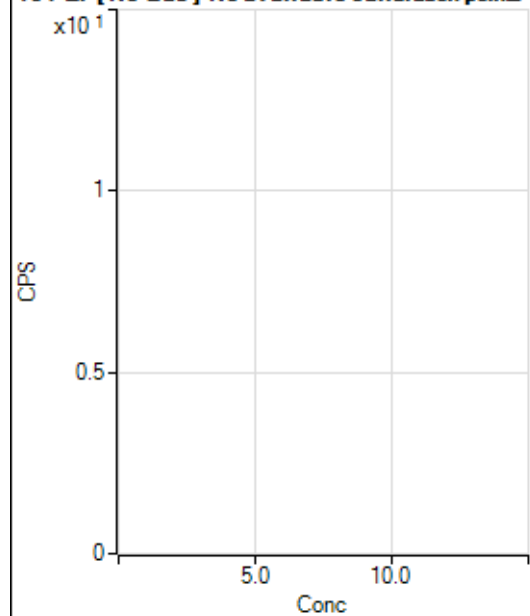
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	50.0
2	☐			3.33		P	0.0
3	☐			6.67		P	0.0
4	☐			13.33		P	43.3
5	☐			36.67		P	32.8
6	☐			67.78		P	17.3
7	☐			153.34		P	17.3
8	☐			237.78		P	20.5

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

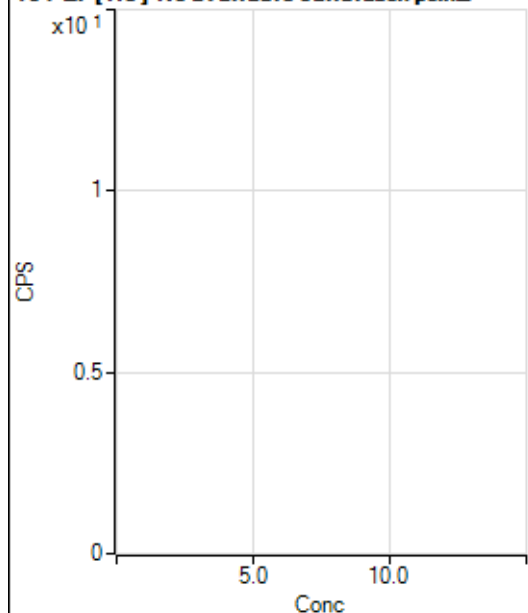
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.00		P	33.3
2	☐			44.44		P	28.6
3	☐			72.22		P	17.6
4	☐			91.67		P	24.1
5	☐			136.12		P	41.7
6	☐			183.34		P	15.7
7	☐			358.35		P	9.3
8	☐			455.58		P	18.7

160 Gd [He] No available calibration points

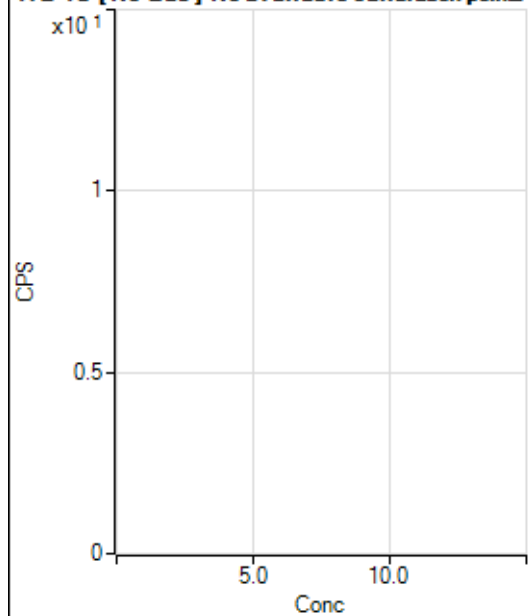
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			34.45		P	11.2
2	☐			58.89		P	28.5
3	☐			66.67		P	18.0
4	☐			50.00		P	13.3
5	☐			85.55		P	8.1
6	☐			103.33		P	24.4
7	☐			181.12		P	3.8
8	☐			258.89		P	4.1

164 Er [No Gas] No available calibration points

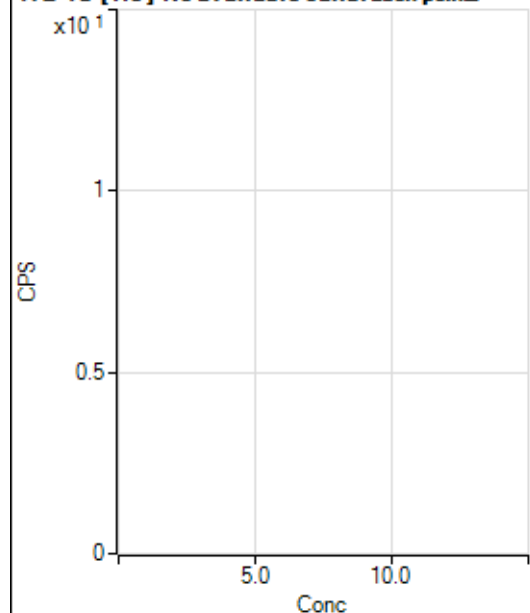
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			66.67		P	33.1
2	☐			52.78		P	9.1
3	☐			69.44		P	13.9
4	☐			97.22		P	26.2
5	☐			77.78		P	44.6
6	☐			127.78		P	22.9
7	☐			180.56		P	21.8
8	☐			111.12		P	18.9

164 Er [He] No available calibration points

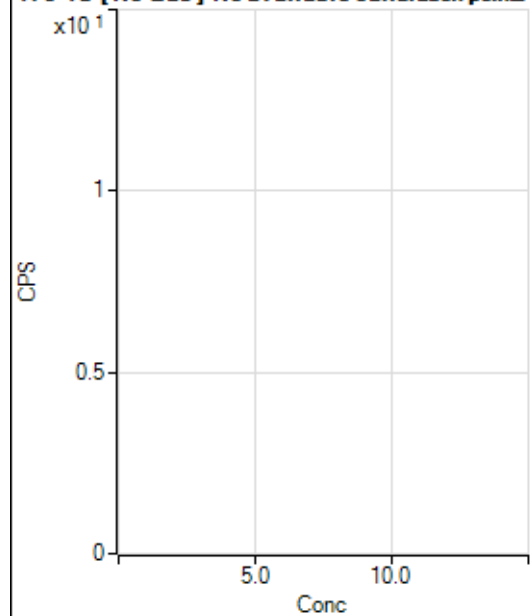
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			24.45		P	28.4
2	☐			27.78		P	18.3
3	☐			16.67		P	52.9
4	☐			34.45		P	11.2
5	☐			38.89		P	35.7
6	☐			47.78		P	33.0
7	☐			65.56		P	22.9
8	☐			43.34		P	13.3

172 Yb [No Gas] No available calibration points

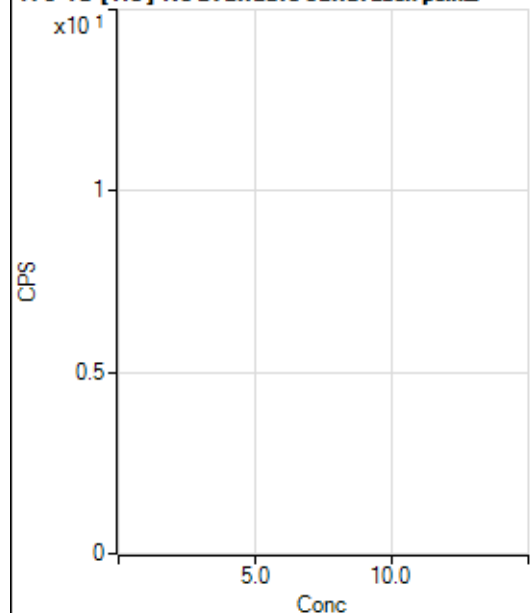
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			52.78		P	24.1
2	☐			44.44		P	28.6
3	☐			55.56		P	67.6
4	☐			83.34		P	45.8
5	☐			77.78		P	43.3
6	☐			86.12		P	47.7
7	☐			122.23		P	7.9
8	☐			194.45		P	10.8

172 Yb [He] No available calibration points

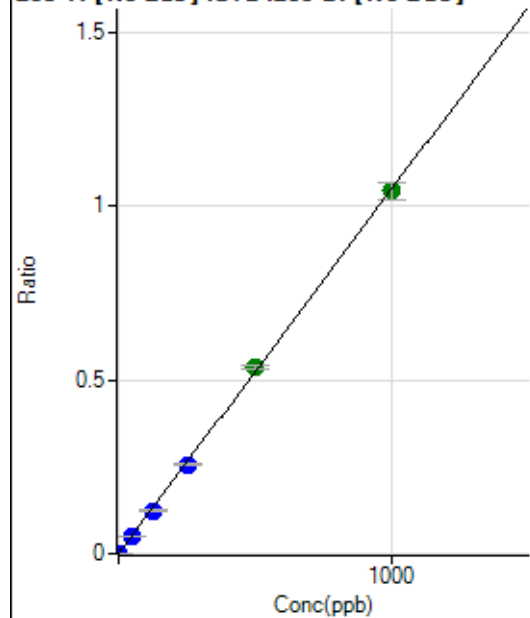
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	34.6
2	☐			5.56		P	100.
3	☐			37.04		P	22.9
4	☐			18.52		P	17.3
5	☐			38.89		P	24.7
6	☐			48.15		P	40.5
7	☐			62.96		P	25.5
8	☐			77.78		P	18.9

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1038.96		P	10.0
2	☐			986.18		P	9.5
3	☐			2053.00		P	5.4
4	☐			3656.18		P	5.5
5	☐			6429.51		P	5.7
6	☐			12901.07		P	2.8
7	☐			24584.52		P	0.6
8	☐			1100.09		P	12.2

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3680.20		P	7.4
2	☐			3682.08		P	7.1
3	☐			4034.03		P	3.9
4	☐			4836.15		P	3.0
5	☐			6001.47		P	3.9
6	☐			8061.89		P	3.7
7	☐			13043.67		P	4.8
8	☐			3871.01		P	1.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	358.35	0.0001	P	3.8
2	☐	1.000	0.903	4945.55	0.0010	P	1.8
3	☐	50.000	49.121	250990.97	0.0516	P	0.5
4	☐	125.000	118.514	627770.04	0.1244	P	1.9
5	☐	250.000	245.060	1298415.85	0.2572	P	3.1
6	☐	500.000	512.869	2805762.06	0.5382	A	2.6
7	☐	1000.000	995.655	5495728.81	1.0447	A	5.1
8	☐			2350.28	0.0005	P	4.4

$$y = 0.0010 * x + 7.5243E-005$$

$$R = 0.9998$$

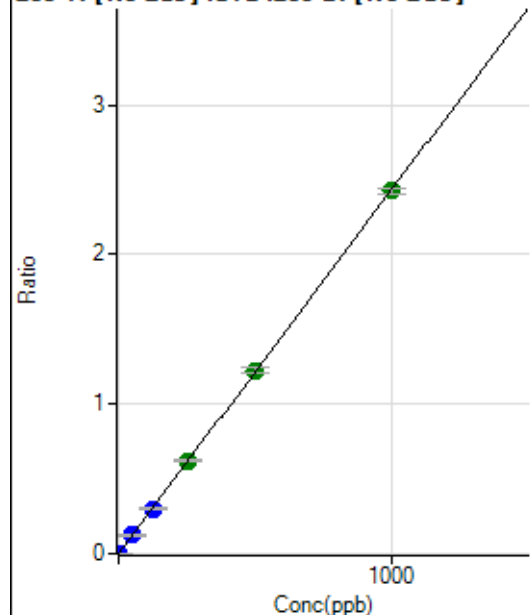
$$DL = 0.008256$$

$$BEC = 0.07172$$

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	938.95	0.0002	P	9.7
2	☐	1.000	0.912	11672.24	0.0024	P	7.3
3	☐	50.000	50.202	594654.12	0.1223	P	1.7
4	☐	125.000	122.592	1504749.28	0.2983	P	4.0
5	☐	250.000	254.562	3127069.58	0.6193	A	2.5
6	☐	500.000	503.948	6391522.84	1.2257	A	3.1
7	☐	1000.000	997.176	12764365.65	2.4252	A	1.3
8	☐			5076.14	0.0011	P	0.8

$$y = 0.0024 * x + 1.9701E-004$$

$$R = 1.0000$$

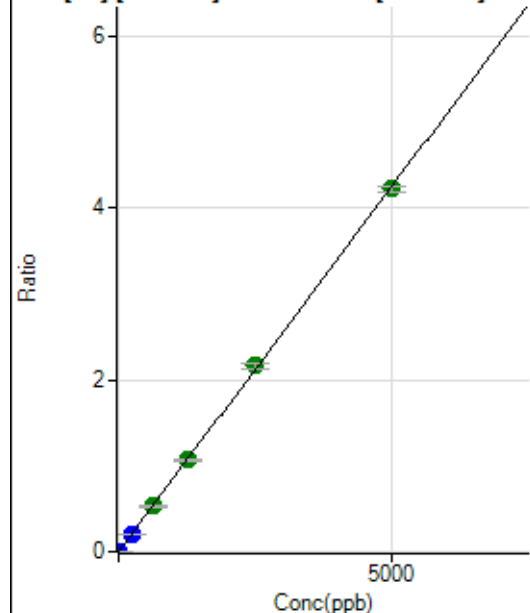
$$DL = 0.02358$$

$$BEC = 0.08101$$

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	611.14	0.0001	P	3.5
2	☐	1.000	0.908	4354.51	0.0009	P	2.6
3	☐	250.000	245.461	1014755.75	0.2087	P	0.6
4	☐	625.000	626.403	2684854.66	0.5323	A	4.1
5	☐	1250.000	1257.935	5396149.13	1.0688	A	3.1
6	☐	2500.000	2549.824	11292052.11	2.1664	A	3.4
7	☐	5000.000	4973.156	22237426.65	4.2252	A	1.9
8	☐			5317.86	0.0012	P	2.8

$$y = 8.4957E-004 * x + 1.2834E-004$$

$$R = 0.9999$$

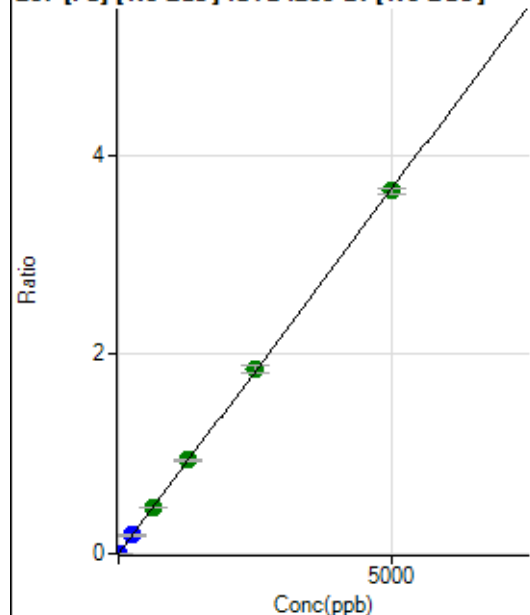
$$DL = 0.01593$$

$$BEC = 0.1511$$

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	574.10	0.0001	P	7.5
2	☐	1.000	0.930	3867.31	0.0008	P	10.8
3	☐	250.000	250.620	892176.85	0.1835	P	0.9
4	☐	625.000	632.670	2335784.51	0.4629	A	2.3
5	☐	1250.000	1279.487	4728388.82	0.9361	A	0.3
6	☐	2500.000	2534.782	9665178.81	1.8544	A	3.7
7	☐	5000.000	4974.247	19157093.48	3.6390	A	1.4
8	☐			4723.19	0.0010	P	3.3

$$y = 7.3154\text{E-}004 * x + 1.2047\text{E-}004$$

R = 0.9999

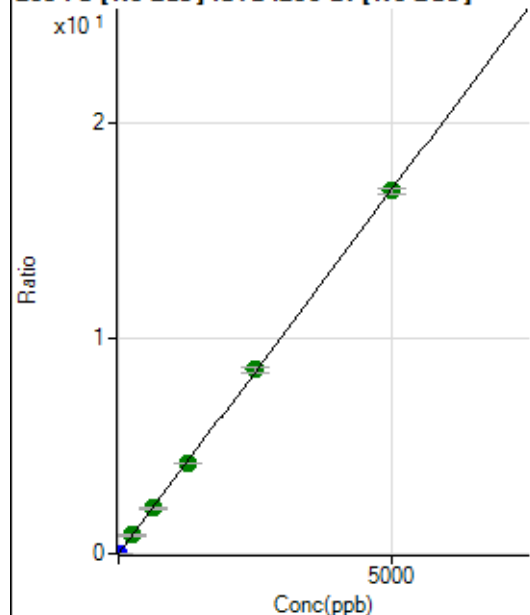
DL = 0.0373

BEC = 0.1647

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	2563.12	0.0005	P	2.5
2	☐	1.000	0.933	17855.21	0.0037	P	3.3
3	☐	250.000	251.519	4136595.99	0.8506	A	0.5
4	☐	625.000	624.391	10650607.18	2.1108	A	2.0
5	☐	1250.000	1247.066	21288595.15	4.2153	A	0.9
6	☐	2500.000	2527.086	44529358.52	8.5414	A	2.7
7	☐	5000.000	4987.191	88733806.38	16.8560	A	1.4
8	☐			20814.25	0.0046	P	2.6

$$y = 0.0034 * x + 5.3813\text{E-}004$$

R = 1.0000

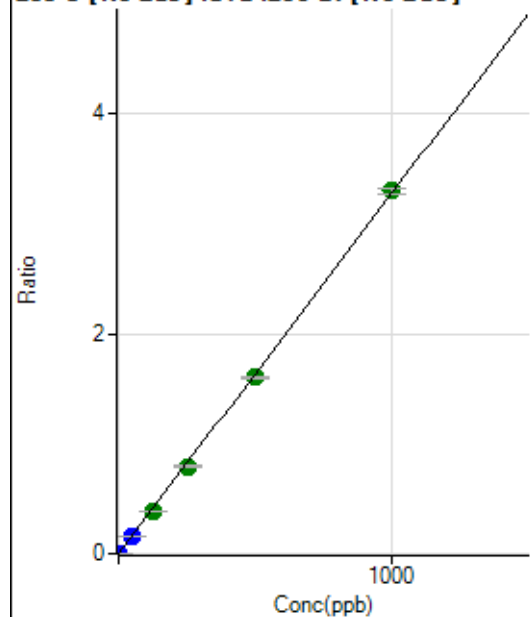
DL = 0.01175

BEC = 0.1592

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	36.11	0.0000	P	70.4
2	☐	1.000	0.866	13716.18	0.0028	P	6.7
3	☐	50.000	46.976	746918.51	0.1536	P	1.6
4	☐	125.000	116.611	1924183.61	0.3813	A	0.6
5	☐	250.000	241.292	3983841.67	0.7889	A	1.9
6	☐	500.000	490.492	8364366.94	1.6037	A	0.7
7	☐	1000.000	1008.131	17346279.55	3.2961	A	1.9
8	☐			1789.07	0.0004	P	7.0

$$y = 0.0033 * x + 7.6016E-006$$

$$R = 0.9999$$

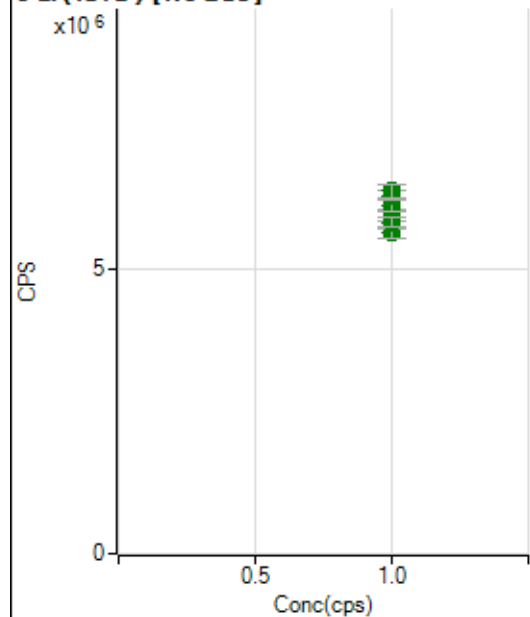
$$DL = 0.004907$$

$$BEC = 0.002325$$

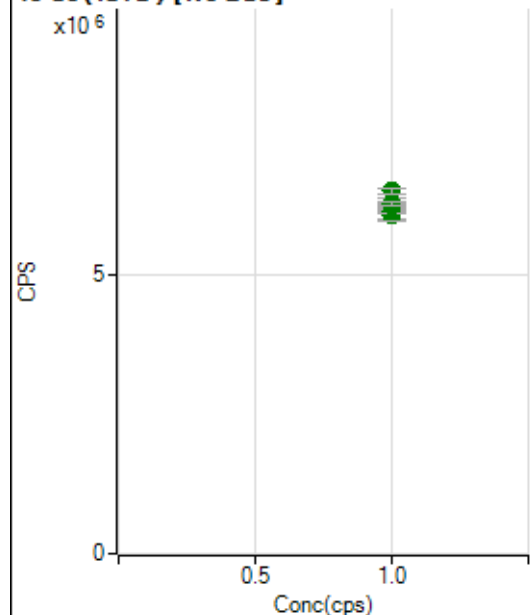
Weight: <None>

Min Conc: 0

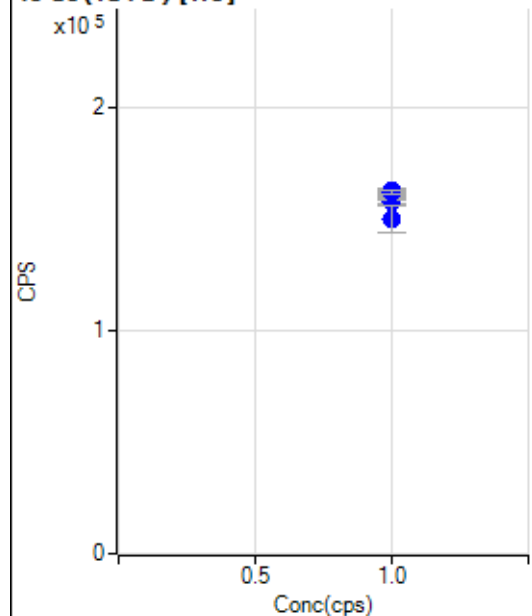
6 Li (ISTD) [No Gas]



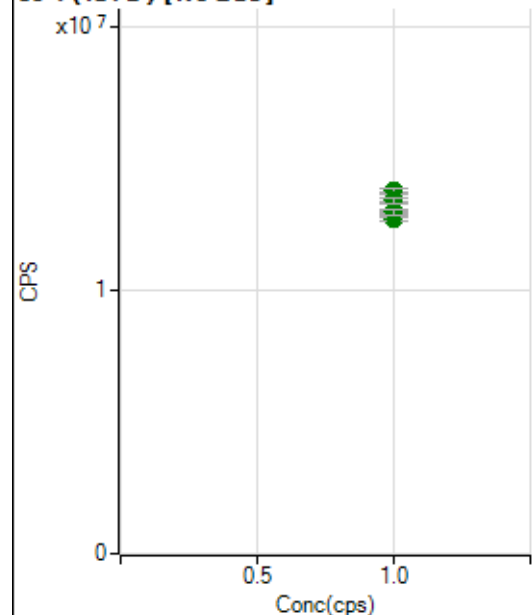
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5638572.90		A	2.8
2	☐	1.000		5930316.53		A	3.0
3	☐	1.000		6041060.71		A	0.9
4	☐	1.000		6036536.01		A	6.0
5	☐	1.000		6111663.92		A	3.6
6	☐	1.000		6304213.44		A	2.3
7	☐	1.000		6380488.75		A	3.8
8	☐	1.000		5825668.99		A	2.6

45 Sc (ISTD) [No Gas]

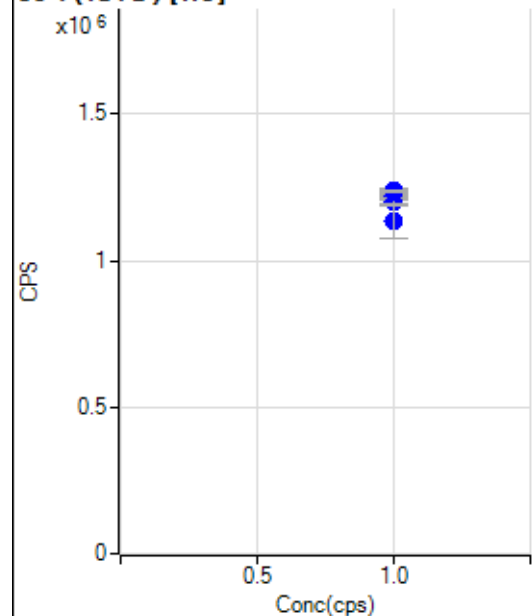
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6082718.59		A	2.2
2	☐	1.000		6053924.01		A	3.3
3	☐	1.000		6279840.81		A	1.5
4	☐	1.000		6145706.30		A	1.9
5	☐	1.000		6236805.60		A	1.0
6	☐	1.000		6293117.48		A	3.1
7	☐	1.000		6504353.93		A	1.3
8	☐	1.000		6271766.23		A	1.1

45 Sc (ISTD) [He]

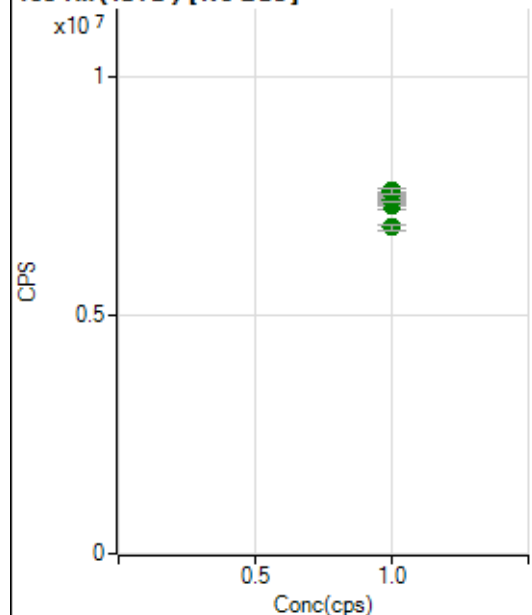
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		157568.57		P	1.0
2	☐	1.000		159489.04		P	1.7
3	☐	1.000		160571.45		P	1.6
4	☐	1.000		159627.79		P	0.9
5	☐	1.000		158457.16		P	0.5
6	☐	1.000		149860.99		P	8.1
7	☐	1.000		162422.23		P	0.9
8	☐	1.000		161735.70		P	1.1

89 Y (ISTD) [No Gas]

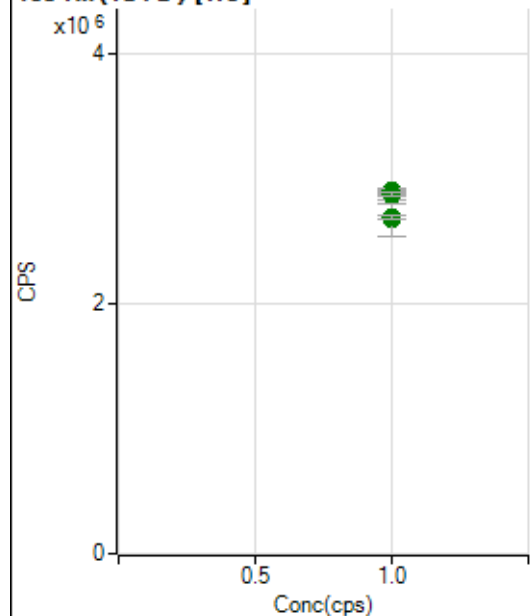
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12717660.51		A	1.1
2	☐	1.000		12745845.36		A	1.7
3	☐	1.000		12973006.19		A	0.8
4	☐	1.000		12839511.06		A	0.5
5	☐	1.000		12979393.00		A	1.4
6	☐	1.000		13545153.96		A	2.9
7	☐	1.000		13788382.99		A	1.6
8	☐	1.000		13432250.35		A	1.7

89 Y (ISTD) [He]

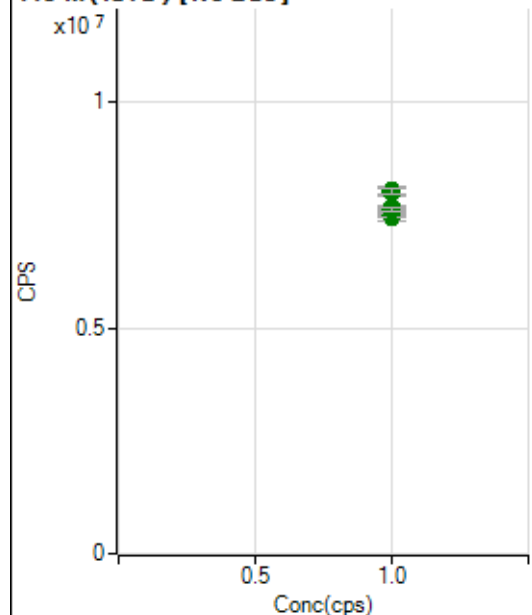
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1211317.78		P	0.9
2	☐	1.000		1218957.58		P	0.7
3	☐	1.000		1222977.21		P	0.3
4	☐	1.000		1217692.42		P	1.2
5	☐	1.000		1203160.50		P	1.5
6	☐	1.000		1133152.23		P	9.6
7	☐	1.000		1237651.76		P	1.0
8	☐	1.000		1236428.68		P	1.0

103 Rh (ISTD) [No Gas]

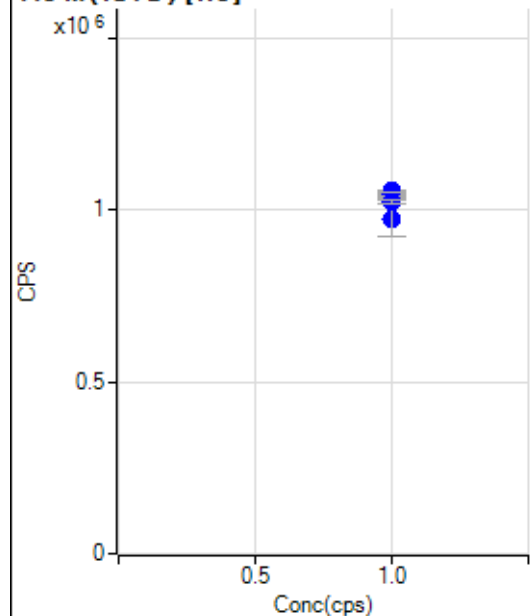
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7366157.81		A	0.7
2	☐	1.000		7351991.57		A	3.5
3	☐	1.000		7602486.28		A	1.1
4	☐	1.000		7434866.05		A	0.8
5	☐	1.000		7298071.26		A	0.6
6	☐	1.000		7421219.17		A	1.2
7	☐	1.000		7593289.49		A	1.5
8	☐	1.000		6832198.02		A	2.2

103 Rh (ISTD) [He]

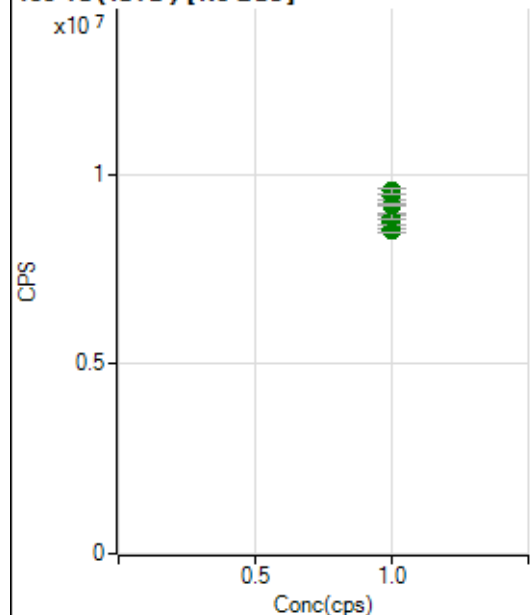
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2888312.87		A	2.0
2	☐	1.000		2877408.66		A	0.5
3	☐	1.000		2897507.67		A	1.2
4	☐	1.000		2905156.45		A	0.9
5	☐	1.000		2863342.21		A	2.2
6	☐	1.000		2673156.71		A	9.7
7	☐	1.000		2878540.51		A	0.6
8	☐	1.000		2697788.99		A	1.2

115 In (ISTD) [No Gas]

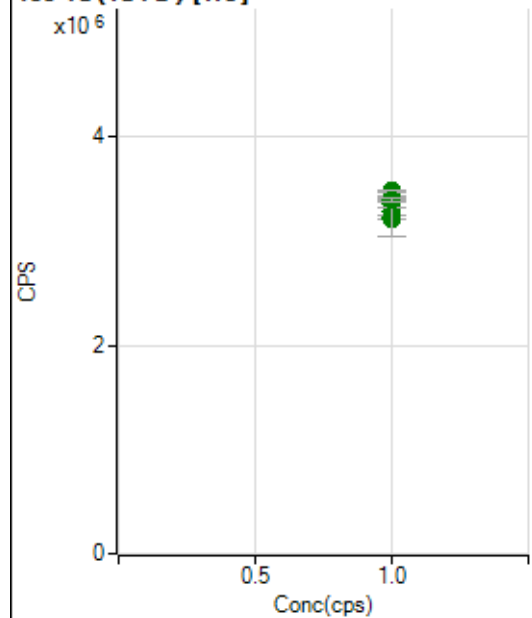
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7470534.38		A	0.9
2	☐	1.000		7471286.64		A	2.3
3	☐	1.000		7499906.54		A	1.3
4	☐	1.000		7661753.92		A	0.6
5	☐	1.000		7666177.37		A	0.8
6	☐	1.000		8038968.75		A	2.5
7	☐	1.000		8030423.14		A	1.2
8	☐	1.000		7639645.55		A	1.1

115 In (ISTD) [He]

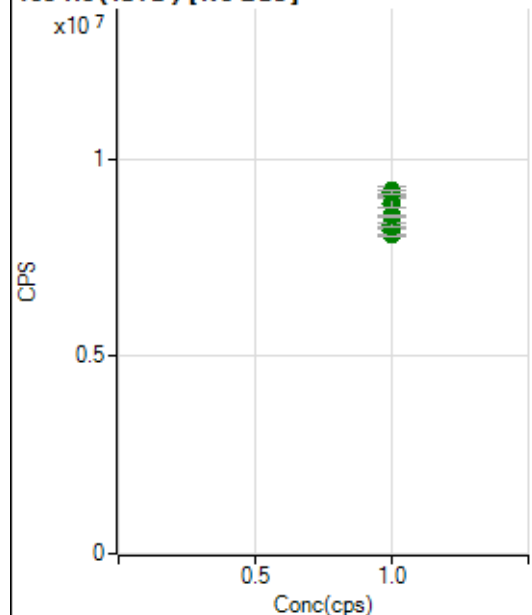
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1044748.46		P	1.7
2	☐	1.000		1054098.35		P	0.0
3	☐	1.000		1044171.30		P	0.5
4	☐	1.000		1051435.42		P	0.2
5	☐	1.000		1033963.62		P	0.6
6	☐	1.000		970875.63		P	9.5
7	☐	1.000		1045130.28		P	1.0
8	☐	1.000		1022244.27		P	1.2

159 Tb (ISTD) [No Gas]

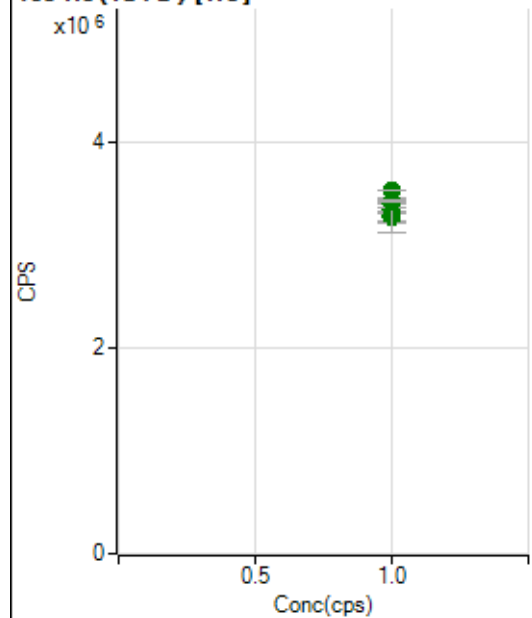
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8528291.40		A	1.1
2	☐	1.000		8590111.05		A	2.3
3	☐	1.000		8738779.18		A	1.5
4	☐	1.000		8793351.81		A	2.6
5	☐	1.000		8896525.56		A	1.5
6	☐	1.000		9410224.31		A	2.0
7	☐	1.000		9566502.15		A	1.3
8	☐	1.000		9200558.61		A	0.5

159 Tb (ISTD) [He]

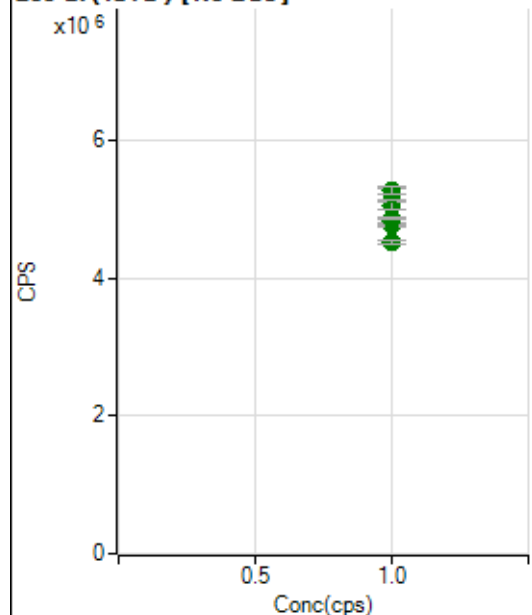
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3234624.67		A	0.9
2	☐	1.000		3288707.35		A	2.4
3	☐	1.000		3321615.61		A	0.2
4	☐	1.000		3405346.06		A	1.6
5	☐	1.000		3363045.85		A	2.4
6	☐	1.000		3209764.12		A	10.1
7	☐	1.000		3481083.73		A	0.4
8	☐	1.000		3400589.29		A	1.2

165 Ho (ISTD) [No Gas]

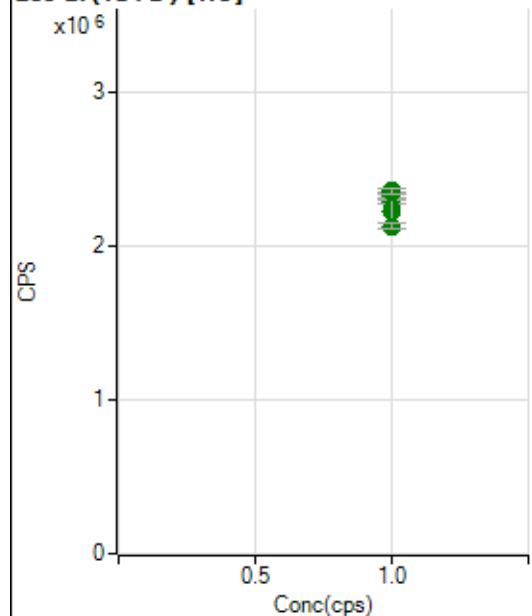
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8178964.85		A	1.7
2	☐	1.000		8079132.21		A	0.4
3	☐	1.000		8295842.20		A	2.0
4	☐	1.000		8340935.25		A	1.2
5	☐	1.000		8555010.52		A	0.7
6	☐	1.000		8887476.50		A	2.5
7	☐	1.000		9195873.73		A	2.4
8	☐	1.000		9168048.64		A	0.7

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3279233.95		A	2.5
2	☐	1.000		3271568.21		A	3.5
3	☐	1.000		3354696.54		A	3.0
4	☐	1.000		3424414.57		A	0.2
5	☐	1.000		3397563.04		A	1.6
6	☐	1.000		3283759.43		A	10.2
7	☐	1.000		3526611.86		A	0.2
8	☐	1.000		3428595.30		A	0.7

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4762545.97		A	1.2
2	☐	1.000		4837558.23		A	2.2
3	☐	1.000		4863174.68		A	0.6
4	☐	1.000		5047389.09		A	2.6
5	☐	1.000		5050894.16		A	2.3
6	☐	1.000		5216450.06		A	3.5
7	☐	1.000		5264073.67		A	2.0
8	☐	1.000		4532818.61		A	1.2

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2294226.91		A	1.5
2	☐	1.000		2314605.10		A	0.4
3	☐	1.000		2325478.61		A	2.0
4	☐	1.000		2360221.63		A	1.6
5	☐	1.000		2332469.98		A	1.1
6	☐	1.000		2231991.30		A	6.8
7	☐	1.000		2356578.21		A	1.3
8	☐	1.000		2132516.06		A	2.0

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8041522MS.b
Acq. Date-Time 2022-04-15 14:08:13
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		15811	158114.44			0.467	5.000
24		92512	925122.16			1.060	5.000
25		11744	117437.77			0.723	5.000
26		13999	139990.07			0.601	5.000
59		19576	195761.51			0.866	5.000
113		8862	88620.85			0.896	5.000
115		27109	271094.61			2.520	5.000
206		9350	93502.44			1.447	5.000
207		7788	77877.61			1.945	5.000
208		19414	194137.93			1.335	5.000
220		1	5.90			27.721	

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

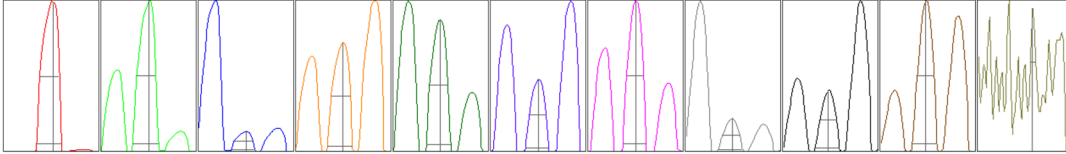
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	15768	15867	15705	15834	15883
24	92168	93142	92798	93469	90983
25	11664	11668	11815	11850	11722
26	14012	13859	14048	14078	13998
59	19586	19447	19674	19797	19376
113	8919	8757	8960	8831	8844
115	27945	27385	27373	26622	26223
206	9226	9187	9420	9496	9422
207	7635	7617	7863	7949	7874
208	19215	19061	19642	19584	19567

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	26958.49	9.10	8.90 - 9.10	
24	162616.91	24.05	23.90 - 24.10	
25	21186.76	25.05	24.90 - 25.10	
26	24296.92	26.00	25.90 - 26.10	
59	36086.89	59.00	58.90 - 59.10	
113	17593.39	113.05	112.90 - 113.10	
115	53260.13	115.05	114.90 - 115.10	
206	18207.95	206.00	205.90 - 206.10	
207	15187.94	206.95	206.90 - 207.10	
208	37516.72	207.95	207.90 - 208.10	
220	1.10	220.25	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.62	0.782	0.900	
24	0.60	0.822	0.900	
25	0.59	0.743	0.900	
26	0.61	0.785	0.900	
59	0.57	0.774	0.900	
113	0.52	0.729	0.900	
115	0.53	0.729	0.900	
206	0.53	0.762	0.900	
207	0.53	0.776	0.900	
208	0.53	0.779	0.900	
220	0.16			

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

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

US EPA Tune Check Report

RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.40 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	8.8 V	Deflect	15.6 V
Extract 2	-140.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-70 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	150 V		

QP Parameters

Mass Gain	123	Axis Gain	0.9990	QP Bias	-4.0 V
Mass Offset	125	Axis Offset	0.03		

Hardware Settings

Torch

Torch H	-0.3 mm	Torch V	-0.2 mm

EM

Discriminator	4.0 mV	Analog HV	2302 V	Pulse HV	1660 V

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		3595	35954.40			1.092	
89		12800	128001.23			1.866	
205		20609	206092.07			1.961	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	3527	3606	3626	3612	3607
89	12398	12843	12911	12819	13029
205	19907	20706	20733	20749	20950

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	8.8 V	Deflect	4.6 V

US EPA Tune Check Report

Extract 2	-140.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-70 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	123	Axis Gain	0.9990	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	0.03		
Hardware Settings					
Torch					
Torch H	-0.3 mm	Torch V	-0.2 mm		
EM					
Discriminator	4.0 mV	Analog HV	2302 V	Pulse HV	1660 V

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 15:23:54	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.11	-0.14	0.03	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.02	0.02	0.00	0.00	N/A	ppb
Barium	135-1	-0.01	0.01	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.01	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.04	-0.05	0.02	0.00	N/A	ppb
Boron	11-1	0.02	0.00	-0.01	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	-0.09	0.09	0.00	N/A	ppb
Cadmium	106-1	0.03	-1.07	1.04	0.00	N/A	ppb
Cadmium	108-1	-0.01	-0.05	0.06	0.00	N/A	ppb
Calcium	43-1	-0.01	-0.10	0.11	0.00	N/A	ppb
Calcium	44-1	-0.20	-0.17	0.37	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.02	-0.02	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	-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	0.40	-0.62	0.22	0.00	N/A	ppb
Iron	56-2	0.15	-0.22	0.06	0.00	N/A	ppb
Iron	57-2	1.26	-1.44	0.18	0.00	N/A	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 15:23:54	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.00	0.00	-0.01	0.00	N/A	ppb
Lead	207-1	-0.01	0.01	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.18	0.20	-0.38	0.00	N/A	ppb
Manganese	55-2	0.01	-0.02	0.01	0.00	N/A	ppb
Molybdenum	94-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.03	0.03	0.00	N/A	ppb
Phosphorus	31-2	-18.52	-12.92	-20.95	-17.46		ppb
Potassium	39-2	2.93	-1.30	-1.63	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.41	-0.14	-0.27	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.82	0.28	0.54	0.00	N/A	ppb
Silicon	28-1	-0.11	0.01	0.10	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	-0.32	1.42	-1.09	0.00	N/A	ppb
Strontium	86-1	-0.06	0.04	0.03	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-117.17	-36.73	246.46	30.85	619.11	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	-0.01	0.00	0.01	0.00	N/A	ppb
Tin	118-1	0.00	-0.01	0.01	0.00	N/A	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 15:23:54	DataFile Name :	005CALB.d

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

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 15:26:58	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.79	17.99	18.39	18.39	2.17	ppb
Antimony	121-1	1.83	1.99	2.04	1.95	5.53	ppb
Arsenic	75-2	1.00	1.03	1.10	1.04	4.71	ppb
Barium	135-1	9.06	10.13	9.41	9.53	5.74	ppb
Barium	137-1	9.41	10.06	9.55	9.67	3.53	ppb
Beryllium	9-1	0.97	1.04	1.07	1.03	4.88	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	7.89	9.46	9.38	8.91	9.90	ppb
Boron	11-1	8.30	9.45	9.34	9.03	6.99	ppb
Bromine	81-1						cps
Cadmium	111-1	1.02	1.11	1.09	1.07	4.09	ppb
Cadmium	106-1	1.40	0.81	0.91	1.04	30.23	ppb
Cadmium	108-1	1.30	1.38	1.07	1.25	12.62	ppb
Calcium	43-1	467.64	481.94	456.45	468.68	2.73	ppb
Calcium	44-1	467.89	486.51	459.81	471.40	2.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.82	1.86	1.89	1.86	1.79	ppb
Cobalt	59-2	0.93	0.98	0.97	0.96	2.91	ppb
Copper	63-2	2.04	2.02	1.96	2.00	2.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	54-2	53.05	53.12	52.65	52.94	0.48	ppb
Iron	56-2	49.51	49.22	49.22	49.32	0.34	ppb
Iron	57-2	52.84	49.12	50.76	50.91	3.67	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 15:26:58	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.92	0.93	0.88	0.91	3.04	ppb
Lead	207-1	0.81	0.94	1.04	0.93	12.73	ppb
Lead	208-1	0.89	0.96	0.95	0.93	3.89	ppb
Lithium	6-1				105		%
Magnesium	24-2	519.86	500.54	506.42	508.94	1.95	ppb
Manganese	55-2	0.99	0.99	0.94	0.97	2.82	ppb
Molybdenum	94-1	5.72	5.85	5.39	5.66	4.18	ppb
Molybdenum	95-1	4.66	5.01	5.03	4.90	4.21	ppb
Molybdenum	96-1	5.20	5.25	4.95	5.13	3.11	ppb
Molybdenum	97-1	4.90	5.24	4.84	4.99	4.29	ppb
Molybdenum	98-1	4.85	4.96	4.93	4.91	1.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	0.92	0.97	0.97	4.23	ppb
Phosphorus	31-2	19.65	2.23	30.51	17.46	81.69	ppb
Potassium	39-2	470.55	460.80	464.35	465.23	1.06	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	4.12	5.33	4.70	4.72	12.84	ppb
Selenium	77-2	0.84	5.83	6.72	4.46	70.95	ppb
Selenium	78-2	4.60	4.44	4.54	4.52	1.75	ppb
Silicon	28-1	1.06	1.31	0.61	0.99	35.27	ppb
Silver	107-1	0.97	1.10	1.00	1.02	6.18	ppb
Silver	109-1	1.00	1.11	1.08	1.06	5.33	ppb
Sodium	23-2	493.54	461.47	469.36	474.79	3.52	ppb
Strontium	86-1	0.81	0.92	0.72	0.82	12.55	ppb
Strontium	88-1	0.97	1.00	0.97	0.98	2.01	ppb
Sulfur	34-1	-122.50	282.41	-252.47	-30.85		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.89	0.90	0.92	0.90	1.89	ppb
Thallium	205-1	0.83	0.98	0.93	0.91	8.00	ppb
Tin	118-1	4.89	5.19	5.26	5.11	3.88	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 15:26:58	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.87	5.43	4.75	5.02	7.17	ppb
Uranium	238-1	0.82	0.85	0.93	0.87	6.69	ppb
Vanadium	51-2	4.58	4.49	4.66	4.58	1.77	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	2.16	2.19	2.20	2.18	0.80	ppb
Zirconium	90-1	0.88	0.90	0.89	0.89	0.82	ppb
Zirconium	91-1	0.85	0.96	0.89	0.90	6.08	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 15:30:04	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1049.23	1039.81	1045.37	1044.80	0.45	ppb
Antimony	121-1	51.51	51.80	52.76	52.02	1.26	ppb
Arsenic	75-2	50.03	49.89	50.30	50.07	0.41	ppb
Barium	135-1	246.20	248.10	258.41	250.90	2.62	ppb
Barium	137-1	259.89	257.55	269.53	262.32	2.42	ppb
Beryllium	9-1	52.07	53.36	52.11	52.51	1.39	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	68.05	74.30	75.30	72.55	5.42	ppb
Boron	11-1	70.50	74.08	75.08	73.22	3.29	ppb
Bromine	81-1						cps
Cadmium	111-1	53.23	53.14	55.32	53.89	2.29	ppb
Cadmium	106-1	55.54	54.51	53.06	54.37	2.29	ppb
Cadmium	108-1	55.83	55.59	57.07	56.16	1.42	ppb
Calcium	43-1	4934.68	4844.68	4822.58	4867.31	1.22	ppb
Calcium	44-1	5094.31	5039.41	5070.27	5068.00	0.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	48.12	47.97	48.68	48.26	0.77	ppb
Cobalt	59-2	48.05	49.97	50.25	49.42	2.43	ppb
Copper	63-2	509.96	509.80	517.21	512.32	0.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	2574.52	2634.79	2623.64	2610.98	1.23	ppb
Iron	56-2	2740.81	2694.45	2698.59	2711.29	0.95	ppb
Iron	57-2	2623.51	2637.67	2595.25	2618.81	0.82	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 15:30:04	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	247.14	244.36	244.88	245.46	0.60	ppb
Lead	207-1	250.84	252.73	248.30	250.62	0.89	ppb
Lead	208-1	253.09	250.51	250.96	251.52	0.55	ppb
Lithium	6-1				107		%
Magnesium	24-2	5222.27	5291.49	5333.95	5282.57	1.07	ppb
Manganese	55-2	483.69	481.94	487.75	484.46	0.61	ppb
Molybdenum	94-1	518.13	518.09	506.87	514.36	1.26	ppb
Molybdenum	95-1	519.94	531.76	507.42	519.71	2.34	ppb
Molybdenum	96-1	510.36	521.07	512.38	514.60	1.11	ppb
Molybdenum	97-1	521.23	519.38	511.95	517.52	0.95	ppb
Molybdenum	98-1	518.76	507.12	514.03	513.31	1.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.20	51.91	52.21	51.77	1.00	ppb
Phosphorus	31-2	1003.90	922.77	1023.83	983.50	5.44	ppb
Potassium	39-2	2456.14	2466.82	2517.81	2480.26	1.33	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	53.22	50.81	53.97	52.66	3.14	ppb
Selenium	77-2	52.86	47.60	51.79	50.75	5.48	ppb
Selenium	78-2	51.08	49.83	51.21	50.71	1.51	ppb
Silicon	28-1	82.65	81.66	82.37	82.23	0.62	ppb
Silver	107-1	54.69	54.92	54.39	54.67	0.48	ppb
Silver	109-1	55.42	54.95	56.38	55.58	1.31	ppb
Sodium	23-2	5368.01	5362.00	5598.82	5442.94	2.48	ppb
Strontium	86-1	49.68	49.38	49.13	49.40	0.55	ppb
Strontium	88-1	51.10	50.21	51.12	50.81	1.02	ppb
Sulfur	34-1	1073.62	755.01	715.97	848.20	23.13	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	49.32	48.85	49.20	49.12	0.49	ppb
Thallium	205-1	51.20	49.64	49.76	50.20	1.73	ppb
Tin	118-1	51.43	52.63	52.65	52.24	1.34	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 15:30:04	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	529.51	508.83	510.62	516.32	2.22	ppb
Uranium	238-1	47.16	47.62	46.15	46.98	1.60	ppb
Vanadium	51-2	47.56	48.25	48.55	48.12	1.05	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	501.78	509.31	520.44	510.51	1.84	ppb
Zirconium	90-1	51.46	52.33	51.08	51.62	1.24	ppb
Zirconium	91-1	50.15	51.56	49.11	50.28	2.44	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 15:33:08	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2634.38	2523.17	2510.23	2555.93	2.67	ppb
Antimony	121-1	127.32	130.67	122.54	126.84	3.22	ppb
Arsenic	75-2	125.04	120.51	124.50	123.35	2.00	ppb
Barium	135-1	622.94	644.22	601.29	622.81	3.45	ppb
Barium	137-1	649.99	649.26	615.97	638.41	3.04	ppb
Beryllium	9-1	120.79	131.36	134.70	128.95	5.63	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Boron	10-1	124.36	143.62	154.93	140.97	10.96	ppb
Boron	11-1	124.32	144.35	152.11	140.26	10.22	ppb
Bromine	81-1						cps
Cadmium	111-1	132.15	135.95	129.13	132.41	2.58	ppb
Cadmium	106-1	138.36	136.45	125.36	133.39	5.26	ppb
Cadmium	108-1	131.80	142.60	127.93	134.11	5.67	ppb
Calcium	43-1	12245.36	12593.83	12197.06	12345.42	1.75	ppb
Calcium	44-1	12073.57	12818.30	12319.69	12403.85	3.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	123.40	118.75	116.48	119.54	2.95	ppb
Cobalt	59-2	125.01	121.26	121.95	122.74	1.63	ppb
Copper	63-2	1336.69	1244.17	1258.13	1279.66	3.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	54-2	6725.22	6492.20	6449.21	6555.55	2.27	ppb
Iron	56-2	6722.86	6520.83	6450.65	6564.78	2.15	ppb
Iron	57-2	6538.35	6437.54	6288.89	6421.59	1.95	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 15:33:08	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	634.00	647.33	597.87	626.40	4.09	ppb
Lead	207-1	631.39	647.67	618.95	632.67	2.28	ppb
Lead	208-1	622.28	638.03	612.86	624.39	2.04	ppb
Lithium	6-1				107		%
Magnesium	24-2	13802.32	13501.85	13320.26	13541.48	1.80	ppb
Manganese	55-2	1214.06	1187.12	1175.61	1192.26	1.66	ppb
Molybdenum	94-1	1278.65	1247.74	1243.95	1256.78	1.51	ppb
Molybdenum	95-1	1294.01	1261.19	1241.67	1265.62	2.09	ppb
Molybdenum	96-1	1273.97	1253.94	1268.96	1265.63	0.82	ppb
Molybdenum	97-1	1310.27	1253.12	1273.29	1278.89	2.27	ppb
Molybdenum	98-1	1300.44	1265.74	1233.75	1266.64	2.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	129.17	125.63	125.16	126.65	1.73	ppb
Phosphorus	31-2	2505.83	2433.36	2356.28	2431.83	3.08	ppb
Potassium	39-2	6449.54	6177.48	6145.63	6257.55	2.67	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	132.81	131.15	132.31	132.09	0.65	ppb
Selenium	77-2	127.28	128.92	129.43	128.54	0.87	ppb
Selenium	78-2	124.69	126.61	132.30	127.87	3.10	ppb
Silicon	28-1	144.86	150.66	146.27	147.26	2.05	ppb
Silver	107-1	132.22	137.71	129.05	132.99	3.30	ppb
Silver	109-1	135.80	139.66	126.73	134.06	4.95	ppb
Sodium	23-2	13494.73	13144.09	12990.44	13209.75	1.96	ppb
Strontium	86-1	126.45	126.58	123.51	125.51	1.39	ppb
Strontium	88-1	126.12	127.27	126.20	126.53	0.51	ppb
Sulfur	34-1	2524.99	3082.24	2581.58	2729.60	11.24	ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	119.46	120.13	115.96	118.51	1.89	ppb
Thallium	205-1	124.26	126.42	117.10	122.59	3.98	ppb
Tin	118-1	128.25	132.78	126.13	129.05	2.63	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 15:33:08	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1293.67	1274.30	1254.07	1274.02	1.55	ppb
Uranium	238-1	116.90	117.15	115.78	116.61	0.62	ppb
Vanadium	51-2	122.67	120.31	117.41	120.13	2.19	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	1252.15	1215.78	1240.34	1236.09	1.50	ppb
Zirconium	90-1	129.27	129.65	128.08	129.00	0.63	ppb
Zirconium	91-1	126.79	123.92	123.07	124.59	1.57	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 15:36:15	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5124.87	5025.65	5045.75	5065.42	1.04	ppb
Antimony	121-1	255.40	254.73	257.08	255.74	0.47	ppb
Arsenic	75-2	246.92	244.72	246.82	246.15	0.50	ppb
Barium	135-1	1259.57	1240.19	1284.97	1261.57	1.78	ppb
Barium	137-1	1300.80	1302.43	1258.05	1287.09	1.96	ppb
Beryllium	9-1	256.56	243.69	262.60	254.29	3.80	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Boron	10-1	225.71	229.10	244.92	233.24	4.40	ppb
Boron	11-1	223.78	227.02	239.91	230.23	3.71	ppb
Bromine	81-1						cps
Cadmium	111-1	256.77	259.50	265.96	260.74	1.81	ppb
Cadmium	106-1	260.33	260.77	262.11	261.07	0.35	ppb
Cadmium	108-1	268.23	257.55	265.71	263.83	2.12	ppb
Calcium	43-1	24688.49	24610.64	24967.55	24755.56	0.76	ppb
Calcium	44-1	24591.08	25136.37	24884.83	24870.76	1.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	242.09	237.67	239.80	239.85	0.92	ppb
Cobalt	59-2	247.37	242.76	240.64	243.59	1.41	ppb
Copper	63-2	2555.42	2632.88	2582.56	2590.29	1.52	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				105		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	54-2	12989.19	12896.25	12843.42	12909.62	0.57	ppb
Iron	56-2	13328.18	13153.83	13162.82	13214.94	0.74	ppb
Iron	57-2	12972.43	13043.89	12909.06	12975.12	0.52	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 15:36:15	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1216.56	1261.77	1295.47	1257.94	3.15	ppb
Lead	207-1	1279.81	1282.57	1276.07	1279.49	0.25	ppb
Lead	208-1	1243.74	1238.20	1259.25	1247.07	0.88	ppb
Lithium	6-1				108		%
Magnesium	24-2	27293.14	27658.77	27243.84	27398.59	0.83	ppb
Manganese	55-2	2536.08	2498.35	2481.16	2505.20	1.12	ppb
Molybdenum	94-1	2517.86	2410.69	2568.54	2499.03	3.22	ppb
Molybdenum	95-1	2510.21	2460.97	2567.68	2512.95	2.13	ppb
Molybdenum	96-1	2564.10	2518.50	2503.33	2528.64	1.25	ppb
Molybdenum	97-1	2554.11	2483.20	2517.01	2518.10	1.41	ppb
Molybdenum	98-1	2490.80	2438.68	2479.25	2469.58	1.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	251.06	253.96	250.56	251.86	0.73	ppb
Phosphorus	31-2	4952.60	4924.37	4961.76	4946.24	0.39	ppb
Potassium	39-2	12602.66	12868.26	12561.32	12677.41	1.31	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	253.97	257.09	258.93	256.66	0.98	ppb
Selenium	77-2	233.08	253.79	257.17	248.01	5.26	ppb
Selenium	78-2	253.04	242.99	241.54	245.86	2.55	ppb
Silicon	28-1	232.08	225.83	229.70	229.20	1.38	ppb
Silver	107-1	261.31	273.47	269.92	268.23	2.33	ppb
Silver	109-1	273.57	269.05	282.15	274.92	2.42	ppb
Sodium	23-2	26117.63	27160.27	26248.14	26508.68	2.14	ppb
Strontium	86-1	245.60	244.77	251.11	247.16	1.40	ppb
Strontium	88-1	246.85	249.72	258.07	251.55	2.32	ppb
Sulfur	34-1	5364.85	5677.08	5650.17	5564.03	3.11	ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	241.07	240.38	253.72	245.06	3.07	ppb
Thallium	205-1	247.28	258.63	257.78	254.56	2.48	ppb
Tin	118-1	263.36	256.98	258.21	259.52	1.30	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 15:36:15	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2470.22	2592.98	2554.01	2539.07	2.47	ppb
Uranium	238-1	241.31	236.70	245.87	241.29	1.90	ppb
Vanadium	51-2	241.78	239.49	241.98	241.08	0.57	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	2483.88	2502.65	2463.45	2483.33	0.79	ppb
Zirconium	90-1	253.07	246.33	250.60	250.00	1.36	ppb
Zirconium	91-1	249.40	246.07	249.45	248.31	0.78	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 15:39:19	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12298.56	10788.96	10214.87	11100.80	9.70	ppb
Antimony	121-1	493.19	512.44	504.99	503.54	1.93	ppb
Arsenic	75-2	604.54	511.92	491.57	536.01	11.23	ppb
Barium	135-1	2411.85	2479.09	2461.36	2450.77	1.42	ppb
Barium	137-1	2477.98	2580.59	2526.12	2528.23	2.03	ppb
Beryllium	9-1	505.44	509.13	491.08	501.88	1.90	ppb
Bismuth	209-1				110		%
Bismuth	209-2				97		%
Boron	10-1	660.88	679.45	647.90	662.74	2.39	ppb
Boron	11-1	648.50	687.12	693.67	676.43	3.61	ppb
Bromine	81-1						cps
Cadmium	111-1	489.51	509.24	498.42	499.06	1.98	ppb
Cadmium	106-1	494.73	530.46	495.77	506.99	4.01	ppb
Cadmium	108-1	509.44	525.49	496.86	510.60	2.81	ppb
Calcium	43-1	51772.10	50971.72	49006.61	50583.48	2.81	ppb
Calcium	44-1	51017.89	50571.02	48414.13	50001.01	2.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	569.27	490.50	471.24	510.34	10.18	ppb
Cobalt	59-2	603.79	515.93	494.45	538.06	10.77	ppb
Copper	63-2	6116.34	5078.62	5002.03	5399.00	11.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				100		%
Indium	115-1				108		%
Indium	115-2				93		%
Iron	54-2	31848.93	27691.72	26405.01	28648.55	9.93	ppb
Iron	56-2	32041.23	27070.86	26275.85	28462.65	10.98	ppb
Iron	57-2	30732.68	26300.72	25611.34	27548.25	10.09	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 15:39:19	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2600.66	2449.58	2599.24	2549.82	3.40	ppb
Lead	207-1	2579.33	2426.14	2598.87	2534.78	3.73	ppb
Lead	208-1	2573.47	2449.67	2558.12	2527.09	2.67	ppb
Lithium	6-1				112		%
Magnesium	24-2	65099.57	55952.18	53132.65	58061.46	10.77	ppb
Manganese	55-2	5980.55	5113.81	4945.14	5346.50	10.39	ppb
Molybdenum	94-1	5145.24	4761.48	5059.45	4988.72	4.04	ppb
Molybdenum	95-1	5086.18	4852.66	5058.70	4999.18	2.55	ppb
Molybdenum	96-1	5038.23	4938.53	5036.02	5004.26	1.14	ppb
Molybdenum	97-1	4903.07	4957.70	5002.35	4954.37	1.00	ppb
Molybdenum	98-1	4946.91	4859.77	5010.91	4939.20	1.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	594.35	512.74	505.17	537.42	9.20	ppb
Phosphorus	31-2	11611.32	10322.16	9797.59	10577.02	8.82	ppb
Potassium	39-2	30768.18	26195.33	25511.22	27491.58	10.40	ppb
Rhodium	103-1				101		%
Rhodium	103-2				93		%
Scandium	45-1				103		%
Scandium	45-2				95		%
Selenium	82-1	497.13	488.34	513.12	499.53	2.52	ppb
Selenium	77-2	574.72	510.22	508.54	531.16	7.10	ppb
Selenium	78-2	607.14	511.64	498.24	539.01	11.02	ppb
Silicon	28-1	797.09	771.68	724.70	764.49	4.80	ppb
Silver	107-1	503.78	536.49	494.05	511.44	4.35	ppb
Silver	109-1	515.29	541.17	508.06	521.51	3.34	ppb
Sodium	23-2	64571.63	55563.65	53213.22	57782.83	10.38	ppb
Strontium	86-1	486.64	482.97	491.18	486.93	0.84	ppb
Strontium	88-1	506.36	491.16	493.84	497.12	1.63	ppb
Sulfur	34-1	12378.74	11949.42	10956.86	11761.68	6.20	ppb
Terbium	159-1				110		%
Terbium	159-2				99		%
Thallium	203-1	524.87	498.39	515.35	512.87	2.62	ppb
Thallium	205-1	521.50	492.27	498.08	503.95	3.07	ppb
Tin	118-1	512.28	518.21	498.52	509.67	1.98	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 15:39:19	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5359.19	5085.15	4847.42	5097.25	5.02	ppb
Uranium	238-1	489.41	487.90	494.16	490.49	0.67	ppb
Vanadium	51-2	580.82	494.17	475.52	516.84	10.87	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				94		%
Zinc	66-2	6053.92	5234.51	4877.35	5388.59	11.19	ppb
Zirconium	90-1	511.63	500.51	505.84	505.99	1.10	ppb
Zirconium	91-1	506.12	500.93	507.21	504.75	0.66	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 15:42:25	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21111.98	20108.58	19985.93	20402.16	3.03	ppb
Antimony	121-1	1008.68	976.35	1004.35	996.46	1.76	ppb
Arsenic	75-2	977.54	986.03	985.91	983.16	0.49	ppb
Barium	135-1	5173.82	4922.22	4969.82	5021.95	2.66	ppb
Barium	137-1	5088.52	4973.29	4861.15	4974.32	2.29	ppb
Beryllium	9-1	979.39	1036.83	975.88	997.37	3.43	ppb
Bismuth	209-1				111		%
Bismuth	209-2				103		%
Boron	10-1	863.52	977.68	919.09	920.10	6.20	ppb
Boron	11-1	852.95	976.93	912.29	914.06	6.78	ppb
Bromine	81-1						cps
Cadmium	111-1	1006.96	991.60	991.43	996.66	0.89	ppb
Cadmium	106-1	989.45	987.33	1000.63	992.47	0.72	ppb
Cadmium	108-1	1005.63	970.63	993.13	989.79	1.79	ppb
Calcium	43-1	103199.31	97885.45	103030.13	101371.63	2.98	ppb
Calcium	44-1	101798.87	97260.47	97396.62	98818.65	2.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1000.89	999.58	993.94	998.14	0.37	ppb
Cobalt	59-2	973.36	1008.16	967.14	982.89	2.25	ppb
Copper	63-2	9930.64	9752.54	9637.64	9773.61	1.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				108		%
Indium	115-1				107		%
Indium	115-2				100		%
Iron	54-2	54012.02	54973.71	53528.96	54171.56	1.36	ppb
Iron	56-2	51847.68	52532.30	51107.88	51829.29	1.37	ppb
Iron	57-2	53239.51	54065.83	53343.55	53549.63	0.84	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 15:42:25	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	5077.71	4903.69	4938.07	4973.16	1.85	ppb
Lead	207-1	5012.56	5013.49	4896.69	4974.25	1.35	ppb
Lead	208-1	5038.01	5015.15	4908.41	4987.19	1.39	ppb
Lithium	6-1				113		%
Magnesium	24-2	108038.11	106107.76	108684.92	107610.26	1.25	ppb
Manganese	55-2	9846.83	9884.53	9768.97	9833.44	0.60	ppb
Molybdenum	94-1	9776.26	10098.68	10138.00	10004.31	1.98	ppb
Molybdenum	95-1	9810.11	10096.26	10076.33	9994.23	1.60	ppb
Molybdenum	96-1	9864.75	10104.10	9995.23	9988.02	1.20	ppb
Molybdenum	97-1	9838.44	10231.64	9971.32	10013.80	2.00	ppb
Molybdenum	98-1	9983.75	9909.86	10212.18	10035.26	1.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	983.17	979.97	978.45	980.53	0.25	ppb
Phosphorus	31-2	19587.14	20085.31	19530.38	19734.28	1.55	ppb
Potassium	39-2	50692.14	50110.84	50011.98	50271.65	0.73	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				107		%
Scandium	45-2				103		%
Selenium	82-1	975.52	1018.02	999.11	997.55	2.13	ppb
Selenium	77-2	956.31	993.09	1003.92	984.44	2.54	ppb
Selenium	78-2	976.39	989.44	977.59	981.14	0.73	ppb
Silicon	28-1	880.44	874.53	850.98	868.65	1.79	ppb
Silver	107-1	997.15	968.77	999.54	988.49	1.73	ppb
Silver	109-1	1009.12	954.54	981.16	981.60	2.78	ppb
Sodium	23-2	108157.32	103053.52	105178.54	105463.13	2.43	ppb
Strontium	86-1	1002.84	1027.82	990.97	1007.21	1.87	ppb
Strontium	88-1	995.55	1026.11	980.80	1000.82	2.31	ppb
Sulfur	34-1	19247.13	18843.99	18780.01	18957.04	1.34	ppb
Terbium	159-1				112		%
Terbium	159-2				108		%
Thallium	203-1	1045.70	944.34	996.93	995.66	5.09	ppb
Thallium	205-1	1008.50	982.89	1000.15	997.18	1.31	ppb
Tin	118-1	1003.68	969.86	1002.96	992.17	1.95	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 15:42:25	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	10190.65	9623.65	9999.06	9937.79	2.90	ppb
Uranium	238-1	1023.37	986.34	1014.68	1008.13	1.92	ppb
Vanadium	51-2	1022.01	981.08	980.45	994.52	2.39	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				102		%
Zinc	66-2	9686.49	9889.41	9857.35	9811.09	1.11	ppb
Zirconium	90-1	999.18	995.20	994.89	996.42	0.24	ppb
Zirconium	91-1	985.78	1010.85	997.62	998.08	1.26	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 15:45:29	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	101094.68	98896.79	99421.64	99804.37	1.15	ppb
Antimony	121-1	0.44	0.50	0.55	0.50	11.70	ppb
Arsenic	75-2	0.43	0.32	0.26	0.34	24.47	ppb
Barium	135-1	2.59	2.40	2.51	2.50	3.90	ppb
Barium	137-1	2.63	2.59	2.57	2.60	1.07	ppb
Beryllium	9-1	0.13	0.13	0.16	0.14	13.92	ppb
Bismuth	209-1				95		%
Bismuth	209-2				93		%
Boron	10-1	83.63	82.28	75.26	80.39	5.59	ppb
Boron	11-1	84.20	81.33	76.45	80.66	4.86	ppb
Bromine	81-1						cps
Cadmium	111-1	0.12	0.13	0.11	0.12	7.75	ppb
Cadmium	106-1	-1.57	-0.97	-1.52	-1.35		ppb
Cadmium	108-1	0.95	1.01	0.67	0.87	20.79	ppb
Calcium	43-1	496391.95	497763.99	504898.37	499684.77	0.91	ppb
Calcium	44-1	488987.44	511089.50	500656.21	500244.38	2.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8.34	8.02	8.61	8.32	3.51	ppb
Cobalt	59-2	2.69	2.48	2.52	2.57	4.35	ppb
Copper	63-2	2.54	2.23	2.44	2.40	6.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	54-2	257081.26	235680.70	253552.85	248771.60	4.61	ppb
Iron	56-2	255737.76	242162.73	249825.95	249242.15	2.73	ppb
Iron	57-2	251294.41	243441.11	252282.53	249006.02	1.95	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 15:45:29	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.27	1.20	1.22	1.23	3.11	ppb
Lead	207-1	1.27	1.21	1.30	1.26	3.71	ppb
Lead	208-1	1.24	1.19	1.17	1.20	2.99	ppb
Lithium	6-1				103		%
Magnesium	24-2	506662.84	489243.58	496662.58	497523.00	1.76	ppb
Manganese	55-2	5.02	4.90	4.88	4.93	1.46	ppb
Molybdenum	94-1	3.87	3.42	3.46	3.59	6.91	ppb
Molybdenum	95-1	2.96	2.81	3.04	2.94	3.88	ppb
Molybdenum	96-1	8.36	7.85	8.52	8.24	4.19	ppb
Molybdenum	97-1	2.98	2.69	2.98	2.88	5.83	ppb
Molybdenum	98-1	2.99	2.59	2.76	2.78	7.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.17	7.54	7.95	7.89	4.02	ppb
Phosphorus	31-2	5.42	-18.98	-24.04	-12.53		ppb
Potassium	39-2	251021.15	245217.41	252824.59	249687.72	1.59	ppb
Rhodium	103-1				93		%
Rhodium	103-2				93		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	82-1	0.99	0.93	2.07	1.33	47.92	ppb
Selenium	77-2	1.64	0.00	2.47	1.37	91.68	ppb
Selenium	78-2	-0.31	-0.74	-0.90	-0.65		ppb
Silicon	28-1	6.28	6.54	5.83	6.22	5.80	ppb
Silver	107-1	0.45	0.41	0.41	0.43	6.00	ppb
Silver	109-1	0.45	0.39	0.40	0.41	8.43	ppb
Sodium	23-2	508516.28	491818.05	493760.20	498031.51	1.83	ppb
Strontium	86-1	6.72	6.64	6.84	6.74	1.52	ppb
Strontium	88-1	6.81	6.68	6.78	6.76	0.97	ppb
Sulfur	34-1	-1875.32	-1693.84	-1485.02	-1684.73		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.41	0.45	0.42	0.42	5.15	ppb
Thallium	205-1	0.38	0.38	0.38	0.38	1.00	ppb
Tin	118-1	0.47	0.48	0.49	0.48	1.95	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 15:45:29	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.60	1.38	1.56	1.51	7.94	ppb
Uranium	238-1	0.13	0.11	0.12	0.12	7.10	ppb
Vanadium	51-2	0.18	0.18	0.15	0.17	9.43	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	9.42	9.43	9.33	9.39	0.59	ppb
Zirconium	90-1	0.47	0.46	0.48	0.47	2.46	ppb
Zirconium	91-1	0.51	0.45	0.46	0.47	6.68	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	ICV32	Instrumnet Name :	P8
Client Sample ID :	ICV32	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 16:11:55	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	493.91	489.04	481.72	488.22	1.26	ppb
Antimony	121-1	190.78	206.48	195.66	197.64	4.07	ppb
Arsenic	75-2	200.88	193.77	198.50	197.72	1.83	ppb
Barium	135-1	95.70	100.50	93.79	96.66	3.57	ppb
Barium	137-1	96.73	102.55	99.21	99.49	2.94	ppb
Beryllium	9-1	99.30	101.30	100.31	100.30	0.99	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Boron	10-1	181.10	196.04	208.25	195.13	6.97	ppb
Boron	11-1	177.46	187.56	207.34	190.79	7.97	ppb
Bromine	81-1						cps
Cadmium	111-1	102.41	112.05	106.66	107.04	4.51	ppb
Cadmium	106-1	158.61	182.25	172.89	171.25	6.95	ppb
Cadmium	108-1	139.45	145.58	147.37	144.13	2.88	ppb
Calcium	43-1	2208.40	2197.17	2285.09	2230.22	2.15	ppb
Calcium	44-1	2043.75	2060.65	2093.36	2065.92	1.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	94.27	95.29	92.82	94.13	1.32	ppb
Cobalt	59-2	98.37	98.00	96.36	97.58	1.10	ppb
Copper	63-2	96.53	94.51	95.90	95.65	1.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	54-2	2108.07	2051.52	2041.12	2066.90	1.74	ppb
Iron	56-2	2044.99	1984.61	1991.76	2007.12	1.64	ppb
Iron	57-2	1994.05	1971.97	1950.17	1972.06	1.11	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	ICV32	Instrumnet Name :	P8
Client Sample ID :	ICV32	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 16:11:55	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	196.00	202.43	193.19	197.21	2.40	ppb
Lead	207-1	188.33	194.32	188.99	190.55	1.72	ppb
Lead	208-1	195.23	199.51	195.77	196.84	1.18	ppb
Lithium	6-1				110		%
Magnesium	24-2	1173.99	1155.40	1124.95	1151.45	2.15	ppb
Manganese	55-2	99.36	96.41	96.10	97.29	1.85	ppb
Molybdenum	94-1	1420.88	1424.10	1384.58	1409.85	1.56	ppb
Molybdenum	95-1	556.93	545.36	552.18	551.49	1.06	ppb
Molybdenum	96-1	648.54	640.04	663.47	650.68	1.82	ppb
Molybdenum	97-1	548.88	553.77	550.58	551.08	0.45	ppb
Molybdenum	98-1	536.74	551.75	536.89	541.79	1.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	110.26	107.73	107.10	108.36	1.54	ppb
Phosphorus	31-2	-13.51	-19.03	-19.00	-17.18		ppb
Potassium	39-2	2050.35	2015.27	1985.44	2017.02	1.61	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				107		%
Scandium	45-2				104		%
Selenium	82-1	207.90	208.81	214.73	210.48	1.76	ppb
Selenium	77-2	194.24	195.56	201.15	196.98	1.86	ppb
Selenium	78-2	203.70	190.63	197.29	197.21	3.31	ppb
Silicon	28-1	36.36	36.93	40.03	37.77	5.23	ppb
Silver	107-1	49.98	53.36	51.08	51.47	3.35	ppb
Silver	109-1	49.51	53.47	51.75	51.57	3.84	ppb
Sodium	23-2	1966.30	1930.83	1910.29	1935.80	1.46	ppb
Strontium	86-1	526.01	542.98	543.47	537.48	1.85	ppb
Strontium	88-1	538.88	535.79	528.49	534.39	1.00	ppb
Sulfur	34-1	-1503.30	-1479.41	-1167.97	-1383.56		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	203.43	214.65	198.82	205.64	3.96	ppb
Thallium	205-1	212.89	220.75	209.61	214.42	2.67	ppb
Tin	118-1	535.00	571.31	536.20	547.51	3.77	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	ICV32	Instrumnet Name :	P8
Client Sample ID :	ICV32	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 16:11:55	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	532.69	547.31	551.52	543.84	1.82	ppb
Uranium	238-1	510.10	498.59	488.64	499.11	2.15	ppb
Vanadium	51-2	100.01	99.57	97.68	99.09	1.25	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	192.70	190.32	190.45	191.16	0.70	ppb
Zirconium	90-1	514.43	528.47	511.57	518.16	1.74	ppb
Zirconium	91-1	523.66	520.02	516.32	520.00	0.71	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 16:18:42	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.85	18.67	19.13	19.22	3.09	ppb
Antimony	121-1	2.10	2.05	2.18	2.11	3.25	ppb
Arsenic	75-2	1.05	0.98	1.06	1.03	4.18	ppb
Barium	135-1	9.65	9.53	10.21	9.80	3.68	ppb
Barium	137-1	9.95	9.57	10.44	9.99	4.34	ppb
Beryllium	9-1	1.05	1.14	1.11	1.10	4.12	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	10-1	17.24	18.34	17.62	17.74	3.15	ppb
Boron	11-1	17.23	17.90	17.95	17.69	2.27	ppb
Bromine	81-1						cps
Cadmium	111-1	1.03	0.83	0.76	0.87	16.00	ppb
Cadmium	106-1	-0.19	-0.53	-2.35	-1.03		ppb
Cadmium	108-1	1.07	1.55	1.41	1.34	18.56	ppb
Calcium	43-1	469.96	473.61	476.05	473.20	0.65	ppb
Calcium	44-1	472.34	471.78	488.88	477.67	2.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.85	1.84	1.82	1.84	0.63	ppb
Cobalt	59-2	0.96	0.99	0.94	0.96	2.56	ppb
Copper	63-2	2.09	1.92	1.97	1.99	4.26	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				102		%
Indium	115-2				99		%
Iron	54-2	51.90	54.30	49.76	51.99	4.37	ppb
Iron	56-2	49.69	50.00	47.87	49.19	2.34	ppb
Iron	57-2	46.70	56.09	47.52	50.11	10.38	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 16:18:42	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.00	1.00	0.99	1.00	1.00	ppb
Lead	207-1	0.97	0.94	1.03	0.98	4.64	ppb
Lead	208-1	1.00	0.97	0.99	0.98	1.60	ppb
Lithium	6-1				106		%
Magnesium	24-2	515.92	526.31	511.14	517.79	1.50	ppb
Manganese	55-2	1.02	0.94	1.02	0.99	4.82	ppb
Molybdenum	94-1	5.57	6.09	6.07	5.91	4.98	ppb
Molybdenum	95-1	5.19	5.17	5.54	5.30	3.85	ppb
Molybdenum	96-1	4.92	5.44	5.39	5.25	5.53	ppb
Molybdenum	97-1	4.78	5.33	5.60	5.24	7.98	ppb
Molybdenum	98-1	4.90	5.12	5.16	5.06	2.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.99	1.00	1.06	1.02	3.56	ppb
Phosphorus	31-2	4.03	0.81	-16.15	-3.77		ppb
Potassium	39-2	484.49	462.61	453.99	467.03	3.37	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	4.69	4.94	5.04	4.89	3.62	ppb
Selenium	77-2	4.39	4.27	10.20	6.28	53.91	ppb
Selenium	78-2	3.57	5.64	5.19	4.80	22.70	ppb
Silicon	28-1	1.04	1.11	1.37	1.17	14.85	ppb
Silver	107-1	1.04	1.08	1.11	1.08	3.45	ppb
Silver	109-1	1.12	1.10	1.19	1.14	4.08	ppb
Sodium	23-2	507.25	493.29	478.04	492.86	2.96	ppb
Strontium	86-1	0.80	0.93	1.03	0.92	12.35	ppb
Strontium	88-1	0.96	1.01	1.03	1.00	3.72	ppb
Sulfur	34-1	-910.84	-1027.21	-794.78	-910.94		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.89	1.01	1.00	0.97	6.97	ppb
Thallium	205-1	0.99	0.93	0.98	0.97	3.48	ppb
Tin	118-1	4.93	4.91	5.09	4.98	2.03	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 16:18:42	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.90	5.21	4.99	5.03	3.11	ppb
Uranium	238-1	0.92	0.89	0.93	0.91	2.59	ppb
Vanadium	51-2	4.95	4.67	4.50	4.70	4.78	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	2.09	2.17	1.98	2.08	4.57	ppb
Zirconium	90-1	0.96	0.99	0.97	0.97	1.38	ppb
Zirconium	91-1	0.92	0.87	0.99	0.93	6.11	ppb

LB Number : LB119720 Operator : Jaswal
 Lab Sample ID : ICB32 Instrumnet Name : P8
 Client Sample ID : ICB32 Dilution Factor : 1
 Date & Time Acquired :: 2022-04-15 16:21:45 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.18	0.50	0.26	0.19	181.48	ppb
Antimony	121-1	0.02	0.02	0.05	0.03	61.28	ppb
Arsenic	75-2	0.02	-0.01	0.04	0.01	173.99	ppb
Barium	135-1	0.01	0.00	-0.01	0.00		ppb
Barium	137-1	0.04	0.02	0.02	0.02	47.60	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	26.45	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	7.12	6.69	6.90	6.90	3.10	ppb
Boron	11-1	7.12	6.53	6.68	6.78	4.57	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.24	-0.13	-0.16	-0.17		ppb
Cadmium	106-1	-2.90	-1.47	-2.13	-2.17		ppb
Cadmium	108-1	0.35	0.25	0.18	0.26	33.74	ppb
Calcium	43-1	5.91	3.35	4.84	4.70	27.42	ppb
Calcium	44-1	3.31	4.24	4.10	3.88	12.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.05	-0.01	0.03	118.84	ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.05	0.07	0.06	0.06	12.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	54-2	5.45	4.14	4.50	4.70	14.35	ppb
Iron	56-2	4.24	4.33	4.38	4.32	1.66	ppb
Iron	57-2	5.33	3.76	-0.27	2.94	98.27	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	ICB32	Instrumnet Name :	P8
Client Sample ID :	ICB32	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 16:21:45	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.06	0.06	0.04	0.05	18.09	ppb
Lead	207-1	0.07	0.10	0.04	0.07	43.77	ppb
Lead	208-1	0.05	0.05	0.04	0.05	18.46	ppb
Lithium	6-1				110		%
Magnesium	24-2	1.67	1.00	1.21	1.29	26.55	ppb
Manganese	55-2	0.13	0.15	0.16	0.14	11.74	ppb
Molybdenum	94-1	0.08	0.04	0.06	0.06	36.80	ppb
Molybdenum	95-1	0.04	0.04	0.01	0.03	52.05	ppb
Molybdenum	96-1	0.07	0.07	0.05	0.07	15.96	ppb
Molybdenum	97-1	0.05	0.06	0.03	0.05	35.03	ppb
Molybdenum	98-1	0.04	0.03	0.02	0.03	40.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.00	-0.03	-0.02		ppb
Phosphorus	31-2	-7.83	-1.97	-2.29	-4.03		ppb
Potassium	39-2	-11.88	-10.97	-10.86	-11.23		ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	82-1	-0.31	-0.86	-0.42	-0.53		ppb
Selenium	77-2	0.84	0.00	0.00	0.28	173.21	ppb
Selenium	78-2	-0.18	0.09	1.06	0.32	200.98	ppb
Silicon	28-1	0.65	0.93	1.01	0.86	21.81	ppb
Silver	107-1	0.02	0.02	0.02	0.02	14.75	ppb
Silver	109-1	0.02	0.02	0.01	0.02	18.30	ppb
Sodium	23-2	2.67	1.48	4.16	2.77	48.55	ppb
Strontium	86-1	-0.33	-0.19	-0.02	-0.18		ppb
Strontium	88-1	0.02	0.01	0.01	0.01	17.88	ppb
Sulfur	34-1	-1281.43	-970.26	-820.57	-1024.09		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.01	0.01	0.02	0.01	50.91	ppb
Thallium	205-1	0.00	0.00	0.01	0.00	106.81	ppb
Tin	118-1	0.05	0.05	0.02	0.04	36.93	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	ICB32	Instrumnet Name :	P8
Client Sample ID :	ICB32	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 16:21:45	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.00	0.12	0.11	0.08	85.14	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	22.88	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	116.02	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	0.05	0.11	0.08	0.08	39.71	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	73.01	ppb
Zirconium	91-1	0.01	0.01	0.02	0.01	20.34	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	ICSA32	Instrumnet Name :	P8
Client Sample ID :	ICSA32	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 16:24:50	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	102278.94	103181.03	100745.85	102068.61	1.21	ppb
Antimony	121-1	1.25	1.22	1.26	1.24	1.77	ppb
Arsenic	75-2	0.34	0.35	0.30	0.33	8.16	ppb
Barium	135-1	1.65	1.59	1.55	1.60	3.24	ppb
Barium	137-1	1.52	1.60	1.36	1.49	8.16	ppb
Beryllium	9-1	0.30	0.32	0.32	0.32	4.83	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	10-1	5.74	5.94	5.93	5.87	1.89	ppb
Boron	11-1	5.77	5.85	5.99	5.87	1.87	ppb
Bromine	81-1						cps
Cadmium	111-1	0.17	0.08	0.03	0.09	77.15	ppb
Cadmium	106-1	-2.37	-2.77	-4.67	-3.27		ppb
Cadmium	108-1	9.17	9.00	8.58	8.92	3.42	ppb
Calcium	43-1	105582.07	101941.75	101783.12	103102.32	2.08	ppb
Calcium	44-1	104550.37	104550.89	100325.06	103142.10	2.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.88	19.78	19.82	19.83	0.26	ppb
Cobalt	59-2	1.22	1.22	1.16	1.20	2.62	ppb
Copper	63-2	7.52	7.46	7.65	7.54	1.28	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				106		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	54-2	106460.80	105434.60	103991.52	105295.64	1.18	ppb
Iron	56-2	106907.51	104817.87	102449.36	104724.91	2.13	ppb
Iron	57-2	108656.63	106311.45	105057.86	106675.32	1.71	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	ICSA32	Instrumnet Name :	P8
Client Sample ID :	ICSA32	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 16:24:50	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	5.05	5.01	4.94	5.00	1.11	ppb
Lead	207-1	4.51	4.53	4.23	4.43	3.78	ppb
Lead	208-1	4.67	4.64	4.55	4.62	1.32	ppb
Lithium	6-1				106		%
Magnesium	24-2	107459.83	106949.88	104100.39	106170.03	1.71	ppb
Manganese	55-2	7.20	7.39	7.51	7.37	2.15	ppb
Molybdenum	94-1	1679.75	1678.01	1664.13	1673.96	0.51	ppb
Molybdenum	95-1	2053.30	2039.80	2076.67	2056.59	0.91	ppb
Molybdenum	96-1	2032.48	1992.44	2009.84	2011.59	1.00	ppb
Molybdenum	97-1	2124.73	2009.63	2032.19	2055.52	2.97	ppb
Molybdenum	98-1	2140.27	2010.14	2022.15	2057.52	3.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.71	5.62	5.51	5.61	1.78	ppb
Phosphorus	31-2	100015.22	98925.26	97443.74	98794.74	1.31	ppb
Potassium	39-2	100897.73	100136.26	101771.12	100935.04	0.81	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				107		%
Scandium	45-2				104		%
Selenium	82-1	0.42	-0.32	0.43	0.18	246.52	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.92	-0.99	1.22	-0.23		ppb
Silicon	28-1	2.03	1.93	2.26	2.07	8.18	ppb
Silver	107-1	0.07	0.06	0.04	0.06	20.69	ppb
Silver	109-1	0.06	0.05	0.05	0.05	5.65	ppb
Sodium	23-2	110318.82	110252.43	108305.98	109625.75	1.04	ppb
Strontium	86-1	35.54	34.77	35.57	35.29	1.29	ppb
Strontium	88-1	36.29	35.47	35.92	35.89	1.15	ppb
Sulfur	34-1	99477.93	97161.71	97084.76	97908.13	1.39	ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	0.11	0.09	0.10	0.10	10.75	ppb
Thallium	205-1	0.08	0.10	0.13	0.10	28.02	ppb
Tin	118-1	0.22	0.21	0.20	0.21	3.78	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	ICSA32	Instrumnet Name :	P8
Client Sample ID :	ICSA32	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 16:24:50	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2100.78	2123.04	2081.96	2101.93	0.98	ppb
Uranium	238-1	0.02	0.03	0.02	0.02	8.04	ppb
Vanadium	51-2	0.16	0.13	0.16	0.15	11.91	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-2	11.51	10.71	10.61	10.94	4.51	ppb
Zirconium	90-1	0.04	0.04	0.03	0.03	23.16	ppb
Zirconium	91-1	0.05	0.02	0.05	0.04	43.27	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	ICSAB32	Instrumnet Name :	P8
Client Sample ID :	ICSAB32	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 16:27:43	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	102316.38	105841.06	102948.94	103702.13	1.81	ppb
Antimony	121-1	20.91	21.33	21.77	21.33	2.02	ppb
Arsenic	75-2	21.08	21.10	20.83	21.00	0.72	ppb
Barium	135-1	21.54	21.16	21.37	21.36	0.89	ppb
Barium	137-1	21.60	22.19	21.89	21.89	1.34	ppb
Beryllium	9-1	20.71	20.99	22.13	21.28	3.53	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Boron	10-1	5.93	6.10	5.98	6.00	1.49	ppb
Boron	11-1	6.24	6.08	5.89	6.07	2.88	ppb
Bromine	81-1						cps
Cadmium	111-1	19.36	19.83	19.42	19.54	1.32	ppb
Cadmium	106-1	15.02	15.40	11.93	14.12	13.49	ppb
Cadmium	108-1	24.02	23.52	27.42	24.99	8.50	ppb
Calcium	43-1	100406.65	103108.49	104442.03	102652.39	2.00	ppb
Calcium	44-1	101725.23	101976.61	105623.95	103108.60	2.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.76	39.14	39.51	39.47	0.79	ppb
Cobalt	59-2	21.08	20.79	21.03	20.97	0.74	ppb
Copper	63-2	27.31	26.72	26.49	26.84	1.57	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				111		%
Holmium	165-2				109		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	54-2	105862.83	106374.53	106004.21	106080.52	0.25	ppb
Iron	56-2	105835.53	102616.91	102631.05	103694.50	1.79	ppb
Iron	57-2	106002.66	105229.53	107537.40	106256.53	1.11	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	ICSAB32	Instrumnet Name :	P8
Client Sample ID :	ICSAB32	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 16:27:43	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	27.15	26.54	25.04	26.24	4.15	ppb
Lead	207-1	24.98	25.03	24.55	24.85	1.07	ppb
Lead	208-1	25.44	25.29	24.46	25.06	2.11	ppb
Lithium	6-1				109		%
Magnesium	24-2	108088.21	108253.48	107119.04	107820.24	0.57	ppb
Manganese	55-2	26.57	26.38	26.11	26.35	0.89	ppb
Molybdenum	94-1	1604.93	1625.62	1646.76	1625.77	1.29	ppb
Molybdenum	95-1	1986.05	1998.39	2045.49	2009.98	1.56	ppb
Molybdenum	96-1	1990.98	1921.49	2004.12	1972.20	2.25	ppb
Molybdenum	97-1	1994.21	1970.39	2074.92	2013.17	2.72	ppb
Molybdenum	98-1	2005.46	1932.82	2012.10	1983.46	2.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.46	25.90	26.52	26.30	1.31	ppb
Phosphorus	31-2	101714.25	100512.46	99334.36	100520.36	1.18	ppb
Potassium	39-2	102965.41	102915.93	101902.58	102594.64	0.58	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				108		%
Scandium	45-2				105		%
Selenium	82-1	20.69	20.08	21.27	20.68	2.87	ppb
Selenium	77-2	23.50	21.21	18.55	21.09	11.76	ppb
Selenium	78-2	19.59	18.28	18.44	18.77	3.80	ppb
Silicon	28-1	1.82	2.24	2.28	2.11	12.08	ppb
Silver	107-1	18.68	18.66	19.69	19.01	3.11	ppb
Silver	109-1	18.98	19.53	19.81	19.44	2.17	ppb
Sodium	23-2	107847.36	107696.56	108128.78	107890.90	0.20	ppb
Strontium	86-1	34.11	33.22	34.66	34.00	2.14	ppb
Strontium	88-1	35.01	34.87	35.63	35.17	1.15	ppb
Sulfur	34-1	97260.55	100036.53	101276.32	99524.47	2.07	ppb
Terbium	159-1				115		%
Terbium	159-2				109		%
Thallium	203-1	21.72	21.24	21.18	21.38	1.37	ppb
Thallium	205-1	22.15	22.15	21.76	22.02	1.04	ppb
Tin	118-1	0.18	0.17	0.13	0.16	16.93	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	ICSAB32	Instrumnet Name :	P8
Client Sample ID :	ICSAB32	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 16:27:43	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2081.92	2153.11	2135.33	2123.45	1.74	ppb
Uranium	238-1	0.03	0.02	0.03	0.03	9.81	ppb
Vanadium	51-2	20.44	20.06	19.63	20.04	2.03	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				104		%
Zinc	66-2	31.23	31.09	32.01	31.44	1.57	ppb
Zirconium	90-1	0.02	0.03	0.04	0.03	21.58	ppb
Zirconium	91-1	0.04	0.06	0.04	0.05	27.61	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P8
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 16:37:34	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52224.97	53632.36	51337.44	52398.26	2.21	ppb
Antimony	121-1	530.34	530.90	508.68	523.31	2.42	ppb
Arsenic	75-2	473.96	486.83	476.91	479.23	1.41	ppb
Barium	135-1	2680.81	2507.24	2472.70	2553.58	4.37	ppb
Barium	137-1	2533.11	2608.65	2519.13	2553.63	1.89	ppb
Beryllium	9-1	533.50	491.88	497.32	507.57	4.46	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	347.34	332.66	344.40	341.47	2.28	ppb
Boron	11-1	328.61	338.31	332.96	333.29	1.46	ppb
Bromine	81-1						cps
Cadmium	111-1	492.06	495.46	486.34	491.29	0.94	ppb
Cadmium	106-1	509.52	506.44	495.23	503.73	1.49	ppb
Cadmium	108-1	504.28	519.24	498.67	507.40	2.10	ppb
Calcium	43-1	246380.03	248746.27	242036.45	245720.92	1.38	ppb
Calcium	44-1	252280.85	254030.61	249364.61	251892.02	0.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	476.66	479.25	481.01	478.97	0.46	ppb
Cobalt	59-2	476.26	473.88	481.28	477.14	0.79	ppb
Copper	63-2	4908.66	4964.87	4817.78	4897.10	1.52	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				110		%
Holmium	165-2				112		%
Indium	115-1				107		%
Indium	115-2				102		%
Iron	54-2	129491.40	125728.43	126613.94	127277.92	1.55	ppb
Iron	56-2	127261.43	125157.27	124402.23	125606.98	1.18	ppb
Iron	57-2	125965.11	129724.68	125188.14	126959.31	1.91	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P8
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 16:37:34	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2721.40	2608.70	2627.92	2652.67	2.27	ppb
Lead	207-1	2707.71	2645.24	2615.55	2656.16	1.77	ppb
Lead	208-1	2720.90	2653.96	2562.80	2645.89	3.00	ppb
Lithium	6-1				111		%
Magnesium	24-2	261739.09	256231.13	247360.93	255110.38	2.84	ppb
Manganese	55-2	4863.79	4897.85	4888.23	4883.29	0.36	ppb
Molybdenum	94-1	5063.21	5094.63	5170.89	5109.58	1.08	ppb
Molybdenum	95-1	5202.42	5150.21	5209.56	5187.40	0.62	ppb
Molybdenum	96-1	5140.32	5219.24	5153.28	5170.95	0.82	ppb
Molybdenum	97-1	5208.60	5342.85	5151.00	5234.15	1.88	ppb
Molybdenum	98-1	5066.09	5265.30	5115.16	5148.85	2.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	492.61	498.24	499.19	496.68	0.72	ppb
Phosphorus	31-2	9439.75	9703.82	9083.13	9408.90	3.31	ppb
Potassium	39-2	124904.03	124046.39	125361.55	124770.66	0.54	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				110		%
Scandium	45-2				108		%
Selenium	82-1	512.97	512.49	513.26	512.91	0.08	ppb
Selenium	77-2	510.86	473.20	521.29	501.78	5.04	ppb
Selenium	78-2	515.95	505.48	512.45	511.29	1.04	ppb
Silicon	28-1	297.52	302.54	283.44	294.50	3.36	ppb
Silver	107-1	507.53	494.96	495.93	499.47	1.40	ppb
Silver	109-1	513.90	527.95	508.06	516.64	1.98	ppb
Sodium	23-2	262791.50	261294.99	248071.98	257386.16	3.15	ppb
Strontium	86-1	515.38	507.47	513.16	512.01	0.80	ppb
Strontium	88-1	520.85	531.42	508.19	520.15	2.24	ppb
Sulfur	34-1	11261.15	11514.90	10960.98	11245.68	2.47	ppb
Terbium	159-1				114		%
Terbium	159-2				110		%
Thallium	203-1	542.87	535.98	543.66	540.84	0.78	ppb
Thallium	205-1	538.29	534.06	535.91	536.08	0.40	ppb
Tin	118-1	519.87	514.96	491.34	508.72	3.00	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P8
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 16:37:34	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5254.38	5326.03	5046.58	5208.99	2.79	ppb
Uranium	238-1	555.55	540.44	535.59	543.86	1.91	ppb
Vanadium	51-2	486.11	488.71	483.10	485.97	0.58	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				106		%
Zinc	66-2	4943.61	5098.89	4767.27	4936.59	3.36	ppb
Zirconium	90-1	537.55	505.49	505.62	516.22	3.58	ppb
Zirconium	91-1	512.46	499.34	503.23	505.01	1.33	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P8
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 16:49:47	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.88	2.31	2.99	2.39	23.37	ppb
Antimony	121-1	0.04	0.04	0.06	0.05	32.40	ppb
Arsenic	75-2	-0.01	0.00	0.02	0.00	525.46	ppb
Barium	135-1	0.02	0.01	0.04	0.03	56.45	ppb
Barium	137-1	0.07	0.05	0.05	0.06	23.66	ppb
Beryllium	9-1	0.02	0.03	0.02	0.02	32.28	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Boron	10-1	8.97	9.26	8.17	8.80	6.40	ppb
Boron	11-1	8.86	9.39	8.34	8.87	5.89	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.24	-0.24	-0.08	-0.19		ppb
Cadmium	106-1	-3.30	-3.13	-1.13	-2.52		ppb
Cadmium	108-1	0.21	0.18	0.26	0.22	17.84	ppb
Calcium	43-1	5.45	7.66	8.16	7.09	20.35	ppb
Calcium	44-1	4.50	6.39	8.30	6.40	29.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.05	0.06	0.03	99.70	ppb
Cobalt	59-2	0.00	0.02	0.02	0.01	71.32	ppb
Copper	63-2	0.21	0.19	0.23	0.21	10.00	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				105		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	54-2	4.19	5.09	5.86	5.05	16.54	ppb
Iron	56-2	4.43	4.81	5.01	4.75	6.18	ppb
Iron	57-2	5.49	3.84	2.15	3.83	43.60	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P8
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 16:49:47	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.09	0.09	0.14	0.11	29.17	ppb
Lead	207-1	0.07	0.08	0.11	0.09	26.92	ppb
Lead	208-1	0.08	0.08	0.12	0.09	25.46	ppb
Lithium	6-1				107		%
Magnesium	24-2	10.16	10.00	9.02	9.73	6.36	ppb
Manganese	55-2	0.11	0.18	0.13	0.14	24.21	ppb
Molybdenum	94-1	0.18	0.13	0.20	0.17	20.67	ppb
Molybdenum	95-1	0.15	0.17	0.18	0.17	9.64	ppb
Molybdenum	96-1	0.13	0.11	0.17	0.14	20.57	ppb
Molybdenum	97-1	0.16	0.13	0.20	0.16	23.34	ppb
Molybdenum	98-1	0.15	0.16	0.20	0.17	16.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.02	0.00	-0.01		ppb
Phosphorus	31-2	-11.59	-21.67	-21.72	-18.33		ppb
Potassium	39-2	9.06	4.26	0.48	4.60	93.44	ppb
Rhodium	103-1				105		%
Rhodium	103-2				106		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	82-1	0.23	0.08	-0.16	0.05	399.88	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.22	-0.30	-0.48	-0.34		ppb
Silicon	28-1	-0.06	-0.14	-0.01	-0.07		ppb
Silver	107-1	0.01	0.03	0.03	0.03	36.99	ppb
Silver	109-1	0.02	0.01	0.01	0.01	26.73	ppb
Sodium	23-2	21.28	24.82	26.29	24.13	10.67	ppb
Strontium	86-1	0.02	-0.04	-0.15	-0.06		ppb
Strontium	88-1	0.01	0.01	0.02	0.01	34.61	ppb
Sulfur	34-1	-842.76	-970.87	-983.73	-932.45		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.09	0.06	0.08	0.08	21.55	ppb
Thallium	205-1	0.08	0.06	0.07	0.07	11.30	ppb
Tin	118-1	-0.02	0.02	0.00	0.00	1013.29	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P8
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 16:49:47	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.11	0.15	0.14	0.13	17.62	ppb
Uranium	238-1	0.01	0.01	0.02	0.01	25.29	ppb
Vanadium	51-2	0.02	0.02	0.01	0.01	23.87	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	0.10	0.19	-0.03	0.09	129.81	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	22.34	ppb
Zirconium	91-1	0.01	0.03	0.04	0.03	43.92	ppb

LB Number : LB119720 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2022-04-15 16:56:02 DataFile Name : 022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.78	19.21	18.97	18.99	1.14	ppb
Antimony	121-1	1.90	1.98	2.08	1.99	4.48	ppb
Arsenic	75-2	1.01	0.94	1.00	0.98	3.55	ppb
Barium	135-1	9.90	9.81	9.50	9.74	2.12	ppb
Barium	137-1	9.67	9.76	9.68	9.70	0.50	ppb
Beryllium	9-1	1.03	1.03	1.06	1.04	1.73	ppb
Bismuth	209-1				108		%
Bismuth	209-2				107		%
Boron	10-1	12.81	14.06	14.43	13.77	6.15	ppb
Boron	11-1	13.27	14.73	14.42	14.14	5.47	ppb
Bromine	81-1						cps
Cadmium	111-1	0.93	0.62	0.97	0.84	22.98	ppb
Cadmium	106-1	-0.73	-3.91	-0.87	-1.84		ppb
Cadmium	108-1	1.07	0.86	1.29	1.07	19.82	ppb
Calcium	43-1	467.83	481.01	471.80	473.55	1.43	ppb
Calcium	44-1	469.02	480.12	463.65	470.93	1.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.78	1.80	1.68	1.75	3.72	ppb
Cobalt	59-2	0.94	0.93	0.95	0.94	0.69	ppb
Copper	63-2	2.00	2.08	2.05	2.04	2.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				106		%
Indium	115-1				110		%
Indium	115-2				104		%
Iron	54-2	51.36	49.67	49.16	50.06	2.30	ppb
Iron	56-2	47.46	48.87	48.67	48.33	1.58	ppb
Iron	57-2	47.67	48.39	51.03	49.03	3.61	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 16:56:02	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.95	0.90	1.03	0.96	6.99	ppb
Lead	207-1	0.97	1.01	0.92	0.97	4.42	ppb
Lead	208-1	0.96	0.94	1.01	0.97	3.57	ppb
Lithium	6-1				109		%
Magnesium	24-2	504.41	498.93	499.00	500.78	0.63	ppb
Manganese	55-2	0.91	0.99	0.92	0.94	4.49	ppb
Molybdenum	94-1	5.68	5.91	5.92	5.84	2.30	ppb
Molybdenum	95-1	5.23	4.78	4.82	4.94	5.06	ppb
Molybdenum	96-1	4.95	5.18	5.04	5.05	2.30	ppb
Molybdenum	97-1	5.41	5.04	4.95	5.14	4.77	ppb
Molybdenum	98-1	5.08	5.00	4.73	4.94	3.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.94	1.07	0.95	0.99	7.26	ppb
Phosphorus	31-2	3.70	-0.76	16.90	6.61	138.92	ppb
Potassium	39-2	431.14	467.21	450.12	449.49	4.01	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Selenium	82-1	3.78	4.71	5.91	4.80	22.23	ppb
Selenium	77-2	5.68	8.05	3.27	5.67	42.21	ppb
Selenium	78-2	3.66	3.51	3.58	3.58	2.08	ppb
Silicon	28-1	1.20	1.22	1.07	1.16	6.84	ppb
Silver	107-1	1.06	0.98	1.08	1.04	5.09	ppb
Silver	109-1	1.04	1.01	1.05	1.03	1.92	ppb
Sodium	23-2	490.63	491.75	487.39	489.93	0.46	ppb
Strontium	86-1	1.03	0.87	0.91	0.94	8.73	ppb
Strontium	88-1	0.94	0.96	0.95	0.95	0.75	ppb
Sulfur	34-1	-1252.27	-1167.25	-1349.70	-1256.41		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	1.00	0.89	0.98	0.96	6.04	ppb
Thallium	205-1	0.98	0.97	0.99	0.98	0.97	ppb
Tin	118-1	5.27	5.14	5.10	5.17	1.74	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 16:56:02	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.70	5.10	4.95	4.92	4.17	ppb
Uranium	238-1	0.90	0.87	0.90	0.89	2.34	ppb
Vanadium	51-2	4.68	4.63	4.64	4.65	0.56	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	1.90	2.23	2.47	2.20	13.10	ppb
Zirconium	90-1	0.93	0.94	0.87	0.91	4.20	ppb
Zirconium	91-1	0.93	0.93	0.95	0.94	1.18	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	PB143907BL	Instrumnet Name :	P8
Client Sample ID :	PB143907BL	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 16:59:09	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.13	-0.15	-0.39	-0.22		ppb
Antimony	121-1	0.01	0.00	0.00	0.00	201.99	ppb
Arsenic	75-2	-0.01	-0.01	-0.01	-0.01		ppb
Barium	135-1	-0.02	0.00	0.00	-0.01		ppb
Barium	137-1	0.00	0.03	0.02	0.02	83.32	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	27.25	ppb
Bismuth	209-1				109		%
Bismuth	209-2				108		%
Boron	10-1	4.90	4.83	5.38	5.04	6.00	ppb
Boron	11-1	5.01	4.87	5.47	5.12	6.13	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.08	-0.12	-0.17	-0.12		ppb
Cadmium	106-1	-1.19	-1.32	-2.14	-1.55		ppb
Cadmium	108-1	0.07	0.23	0.30	0.20	59.99	ppb
Calcium	43-1	1.87	1.70	1.85	1.81	5.21	ppb
Calcium	44-1	0.01	1.10	0.72	0.61	91.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.05	-0.04	0.00	-0.03		ppb
Cobalt	59-2	-0.01	0.00	0.00	-0.01		ppb
Copper	63-2	0.04	0.08	0.09	0.07	43.96	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				105		%
Indium	115-1				110		%
Indium	115-2				104		%
Iron	54-2	-0.53	0.23	0.52	0.08	722.69	ppb
Iron	56-2	0.00	-0.01	0.08	0.02	213.59	ppb
Iron	57-2	-2.34	-0.64	-0.09	-1.02		ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	PB143907BL	Instrumnet Name :	P8
Client Sample ID :	PB143907BL	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 16:59:09	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	0.05	0.01	0.03	70.66	ppb
Lead	207-1	0.04	0.02	0.02	0.03	57.62	ppb
Lead	208-1	0.03	0.04	0.01	0.03	65.19	ppb
Lithium	6-1				110		%
Magnesium	24-2	1.93	2.24	2.64	2.27	15.49	ppb
Manganese	55-2	-0.01	0.00	0.00	0.00		ppb
Molybdenum	94-1	0.06	0.03	0.09	0.06	49.15	ppb
Molybdenum	95-1	0.03	0.03	0.04	0.03	14.64	ppb
Molybdenum	96-1	0.04	0.06	0.01	0.04	65.77	ppb
Molybdenum	97-1	0.04	0.04	0.03	0.04	13.38	ppb
Molybdenum	98-1	0.01	0.02	0.04	0.02	62.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.03	0.00	-0.02		ppb
Phosphorus	31-2	-1.46	-21.70	-5.83	-9.66		ppb
Potassium	39-2	-16.58	-6.88	-2.82	-8.76		ppb
Rhodium	103-1				107		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Selenium	82-1	-0.90	-0.49	-1.08	-0.82		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.27	-0.71	0.20	-0.59		ppb
Silicon	28-1	-0.10	0.31	0.20	0.14	156.62	ppb
Silver	107-1	0.02	0.02	0.02	0.02	19.02	ppb
Silver	109-1	0.02	0.03	0.02	0.02	18.15	ppb
Sodium	23-2	6.12	7.86	10.53	8.17	27.19	ppb
Strontium	86-1	-0.08	-0.05	-0.08	-0.07		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	8.75	ppb
Sulfur	34-1	-1457.87	-1040.16	-1136.73	-1211.59		ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	0.05	0.02	0.03	0.03	50.89	ppb
Thallium	205-1	0.03	0.02	0.03	0.03	18.67	ppb
Tin	118-1	0.00	0.01	-0.01	0.00	573.17	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	PB143907BL	Instrumnet Name :	P8
Client Sample ID :	PB143907BL	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 16:59:09	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.02	0.14	0.07	0.06	123.60	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	14.34	ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	65.83	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	-0.19	-0.12	-0.11	-0.14		ppb
Zirconium	90-1	0.01	0.00	0.01	0.00	55.49	ppb
Zirconium	91-1	0.01	0.00	0.00	0.00	114.36	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	PB143907BS	Instrumnet Name :	P8
Client Sample ID :	PB143907BS	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 17:02:15	DataFile Name :	024LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10048.55	10029.58	10034.47	10037.53	0.10	ppb
Antimony	121-1	526.31	524.29	506.55	519.05	2.09	ppb
Arsenic	75-2	495.06	493.01	483.31	490.46	1.28	ppb
Barium	135-1	2624.85	2455.10	2482.44	2520.80	3.62	ppb
Barium	137-1	2682.81	2450.93	2442.67	2525.47	5.40	ppb
Beryllium	9-1	501.82	521.70	520.85	514.79	2.18	ppb
Bismuth	209-1				112		%
Bismuth	209-2				105		%
Boron	10-1	410.56	457.90	467.70	445.38	6.86	ppb
Boron	11-1	409.87	436.73	453.35	433.32	5.06	ppb
Bromine	81-1						cps
Cadmium	111-1	522.37	507.25	505.26	511.63	1.83	ppb
Cadmium	106-1	535.65	499.68	516.92	517.41	3.48	ppb
Cadmium	108-1	525.28	523.36	526.57	525.07	0.31	ppb
Calcium	43-1	50326.57	50017.81	47949.49	49431.29	2.61	ppb
Calcium	44-1	50365.47	49271.11	48955.92	49530.83	1.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	476.17	477.13	474.58	475.96	0.27	ppb
Cobalt	59-2	487.11	508.70	500.44	498.75	2.18	ppb
Copper	63-2	4991.22	4928.01	4803.03	4907.42	1.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				108		%
Indium	115-1				109		%
Indium	115-2				101		%
Iron	54-2	26890.53	27370.83	26948.01	27069.79	0.97	ppb
Iron	56-2	25810.84	26523.87	25938.46	26091.06	1.46	ppb
Iron	57-2	25462.31	26075.34	25797.46	25778.37	1.19	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	PB143907BS	Instrumnet Name :	P8
Client Sample ID :	PB143907BS	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 17:02:15	DataFile Name :	024LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2332.07	2407.87	2494.48	2411.47	3.37	ppb
Lead	207-1	2386.96	2451.92	2528.34	2455.74	2.88	ppb
Lead	208-1	2391.74	2473.60	2514.03	2459.79	2.53	ppb
Lithium	6-1				115		%
Magnesium	24-2	54637.08	55366.02	55160.37	55054.49	0.68	ppb
Manganese	55-2	4932.08	4991.19	4802.35	4908.54	1.97	ppb
Molybdenum	94-1	5267.26	5037.34	4951.90	5085.50	3.21	ppb
Molybdenum	95-1	5296.20	5133.72	5019.51	5149.81	2.70	ppb
Molybdenum	96-1	5195.10	5130.62	4915.81	5080.51	2.88	ppb
Molybdenum	97-1	5302.53	5206.98	5068.52	5192.68	2.27	ppb
Molybdenum	98-1	5137.00	5035.20	5011.28	5061.16	1.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	498.96	490.23	492.75	493.98	0.91	ppb
Phosphorus	31-2	9660.87	9903.62	9903.51	9822.67	1.43	ppb
Potassium	39-2	24826.89	25212.99	25886.74	25308.87	2.12	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				108		%
Scandium	45-2				104		%
Selenium	82-1	511.32	516.09	502.92	510.11	1.31	ppb
Selenium	77-2	511.65	496.96	480.97	496.53	3.09	ppb
Selenium	78-2	483.44	500.82	489.83	491.36	1.79	ppb
Silicon	28-1	471.65	455.23	452.79	459.89	2.23	ppb
Silver	107-1	549.12	523.07	526.49	532.89	2.66	ppb
Silver	109-1	535.22	524.46	529.60	529.76	1.02	ppb
Sodium	23-2	53138.72	53932.46	54163.06	53744.75	1.00	ppb
Strontium	86-1	501.60	501.05	501.53	501.39	0.06	ppb
Strontium	88-1	504.00	500.63	493.87	499.50	1.03	ppb
Sulfur	34-1	12087.53	11613.33	11965.61	11888.82	2.07	ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	467.37	492.12	494.28	484.59	3.09	ppb
Thallium	205-1	489.95	487.54	494.65	490.71	0.74	ppb
Tin	118-1	548.31	531.04	504.19	527.85	4.21	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	PB143907BS	Instrumnet Name :	P8
Client Sample ID :	PB143907BS	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 17:02:15	DataFile Name :	024LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5144.93	5088.89	5053.86	5095.89	0.90	ppb
Uranium	238-1	474.61	496.35	491.22	487.39	2.33	ppb
Vanadium	51-2	484.13	482.96	476.73	481.27	0.83	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				103		%
Zinc	66-2	5082.68	5064.74	4892.75	5013.39	2.09	ppb
Zirconium	90-1	512.43	504.22	498.59	505.08	1.38	ppb
Zirconium	91-1	521.40	501.35	488.49	503.74	3.29	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01DLX5	Instrumnet Name :	P8
Client Sample ID :	A08015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 17:18:28	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2920.10	2959.68	2935.02	2938.27	0.68	ppb
Antimony	121-1	0.21	0.26	0.19	0.22	17.11	ppb
Arsenic	75-2	11.14	10.22	10.28	10.55	4.89	ppb
Barium	135-1	61.15	61.75	61.85	61.59	0.62	ppb
Barium	137-1	61.76	63.17	63.33	62.76	1.38	ppb
Beryllium	9-1	1.03	1.02	1.08	1.04	2.92	ppb
Bismuth	209-1				111		%
Bismuth	209-2				109		%
Boron	10-1	8.54	8.32	7.98	8.28	3.37	ppb
Boron	11-1	8.70	8.15	8.66	8.50	3.61	ppb
Bromine	81-1						cps
Cadmium	111-1	0.07	-0.01	-0.09	-0.01		ppb
Cadmium	106-1	-0.33	-1.96	-2.27	-1.52		ppb
Cadmium	108-1	1.09	0.88	0.95	0.98	11.08	ppb
Calcium	43-1	6457.01	6646.91	6600.07	6568.00	1.51	ppb
Calcium	44-1	6735.24	6818.43	6703.91	6752.52	0.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11.79	11.62	11.79	11.73	0.86	ppb
Cobalt	59-2	12.02	11.66	11.78	11.82	1.54	ppb
Copper	63-2	58.18	57.74	57.60	57.84	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				110		%
Holmium	165-2				108		%
Indium	115-1				110		%
Indium	115-2				105		%
Iron	54-2	5595.85	5626.89	5622.80	5615.18	0.30	ppb
Iron	56-2	5617.20	5802.75	5827.51	5749.15	2.00	ppb
Iron	57-2	5578.94	5696.06	5555.03	5610.01	1.35	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01DLX5	Instrumnet Name :	P8
Client Sample ID :	A08015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 17:18:28	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	72.73	74.23	72.25	73.07	1.41	ppb
Lead	207-1	70.72	69.63	69.34	69.90	1.04	ppb
Lead	208-1	71.96	71.45	71.05	71.49	0.64	ppb
Lithium	6-1				109		%
Magnesium	24-2	1398.88	1363.49	1374.33	1378.90	1.32	ppb
Manganese	55-2	99.94	101.62	100.73	100.76	0.84	ppb
Molybdenum	94-1	12.73	14.20	13.58	13.51	5.46	ppb
Molybdenum	95-1	3.66	3.87	3.70	3.74	3.06	ppb
Molybdenum	96-1	5.03	4.99	4.83	4.95	2.21	ppb
Molybdenum	97-1	3.76	4.06	3.78	3.87	4.34	ppb
Molybdenum	98-1	3.61	3.79	3.65	3.68	2.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	33.21	34.87	34.03	34.03	2.43	ppb
Phosphorus	31-2	654.55	689.86	830.65	725.02	12.85	ppb
Potassium	39-2	1044.37	1041.29	1018.05	1034.57	1.39	ppb
Rhodium	103-1				112		%
Rhodium	103-2				104		%
Scandium	45-1				112		%
Scandium	45-2				107		%
Selenium	82-1	8.86	8.11	8.73	8.56	4.69	ppb
Selenium	77-2	11.20	17.40	12.75	13.78	23.42	ppb
Selenium	78-2	9.68	8.07	6.88	8.21	17.14	ppb
Silicon	28-1	10.24	15.64	11.23	12.37	23.24	ppb
Silver	107-1	0.10	0.09	0.09	0.09	5.04	ppb
Silver	109-1	0.09	0.10	0.07	0.09	16.27	ppb
Sodium	23-2	319.54	314.41	313.08	315.68	1.08	ppb
Strontium	86-1	56.35	59.08	57.92	57.78	2.37	ppb
Strontium	88-1	59.38	61.01	60.82	60.40	1.48	ppb
Sulfur	34-1	-737.01	-381.10	-511.15	-543.09		ppb
Terbium	159-1				110		%
Terbium	159-2				106		%
Thallium	203-1	0.31	0.33	0.36	0.33	6.67	ppb
Thallium	205-1	0.32	0.33	0.30	0.32	4.86	ppb
Tin	118-1	2.07	1.94	2.02	2.01	3.38	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01DLX5	Instrumnet Name :	P8
Client Sample ID :	A08015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 17:18:28	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	219.32	225.00	222.35	222.22	1.28	ppb
Uranium	238-1	1.19	1.17	1.22	1.19	2.27	ppb
Vanadium	51-2	29.58	29.31	29.42	29.44	0.45	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				106		%
Zinc	66-2	72.39	70.82	68.37	70.53	2.87	ppb
Zirconium	90-1	5.92	5.88	5.77	5.86	1.30	ppb
Zirconium	91-1	5.46	5.74	5.47	5.55	2.95	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	A08015DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 17:21:27	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3031.24	3000.61	3054.54	3028.79	0.89	ppb
Antimony	121-1	0.24	0.24	0.23	0.24	1.85	ppb
Arsenic	75-2	10.29	10.04	10.13	10.15	1.24	ppb
Barium	135-1	71.57	70.83	67.99	70.13	2.69	ppb
Barium	137-1	73.14	73.52	72.22	72.96	0.91	ppb
Beryllium	9-1	1.07	1.06	1.00	1.04	3.39	ppb
Bismuth	209-1				112		%
Bismuth	209-2				108		%
Boron	10-1	6.07	6.63	6.31	6.34	4.50	ppb
Boron	11-1	6.20	6.29	6.32	6.27	1.01	ppb
Bromine	81-1						cps
Cadmium	111-1	0.27	0.21	0.20	0.23	16.52	ppb
Cadmium	106-1	2.01	0.67	1.73	1.47	47.96	ppb
Cadmium	108-1	0.77	0.99	1.01	0.92	14.69	ppb
Calcium	43-1	6504.55	6481.37	6317.59	6434.50	1.58	ppb
Calcium	44-1	6487.34	6543.62	6389.63	6473.53	1.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11.31	11.15	11.02	11.16	1.31	ppb
Cobalt	59-2	12.28	11.69	11.56	11.84	3.26	ppb
Copper	63-2	61.34	57.96	59.36	59.56	2.85	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				107		%
Indium	115-1				112		%
Indium	115-2				105		%
Iron	54-2	5871.65	5523.22	5859.28	5751.38	3.44	ppb
Iron	56-2	6049.64	5747.77	5890.47	5895.96	2.56	ppb
Iron	57-2	5873.88	5534.18	5748.79	5718.95	3.00	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	A08015DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 17:21:27	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	79.49	82.15	78.94	80.20	2.14	ppb
Lead	207-1	76.22	78.55	80.72	78.50	2.87	ppb
Lead	208-1	76.74	79.73	79.63	78.70	2.16	ppb
Lithium	6-1				111		%
Magnesium	24-2	1413.01	1379.58	1362.98	1385.19	1.84	ppb
Manganese	55-2	106.38	101.83	103.04	103.75	2.27	ppb
Molybdenum	94-1	14.86	14.70	14.01	14.52	3.11	ppb
Molybdenum	95-1	4.17	3.75	3.64	3.85	7.23	ppb
Molybdenum	96-1	5.10	5.09	4.92	5.04	2.04	ppb
Molybdenum	97-1	4.36	3.86	3.76	3.99	8.07	ppb
Molybdenum	98-1	3.82	3.73	3.55	3.70	3.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	35.12	32.66	33.90	33.89	3.63	ppb
Phosphorus	31-2	751.99	750.36	683.26	728.54	5.38	ppb
Potassium	39-2	1149.12	1091.13	1123.95	1121.40	2.59	ppb
Rhodium	103-1				111		%
Rhodium	103-2				105		%
Scandium	45-1				111		%
Scandium	45-2				107		%
Selenium	82-1	7.98	7.86	7.36	7.73	4.23	ppb
Selenium	77-2	10.33	19.72	19.86	16.64	32.84	ppb
Selenium	78-2	9.29	7.89	9.87	9.02	11.26	ppb
Silicon	28-1	62.62	15.77	15.51	31.30	86.66	ppb
Silver	107-1	0.09	0.10	0.12	0.10	15.96	ppb
Silver	109-1	0.10	0.07	0.08	0.08	17.10	ppb
Sodium	23-2	314.35	306.52	310.94	310.61	1.26	ppb
Strontium	86-1	60.03	58.42	56.71	58.39	2.84	ppb
Strontium	88-1	60.43	58.90	58.03	59.12	2.06	ppb
Sulfur	34-1	-653.33	-681.47	-667.01	-667.27		ppb
Terbium	159-1				113		%
Terbium	159-2				107		%
Thallium	203-1	0.29	0.30	0.28	0.29	3.93	ppb
Thallium	205-1	0.26	0.29	0.29	0.28	7.51	ppb
Tin	118-1	1.96	1.84	1.89	1.90	3.17	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	A08015DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 17:21:27	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	213.07	203.69	202.26	206.34	2.85	ppb
Uranium	238-1	1.21	1.20	1.23	1.21	1.18	ppb
Vanadium	51-2	30.26	29.05	29.18	29.50	2.26	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				107		%
Zinc	66-2	87.76	82.66	86.23	85.55	3.06	ppb
Zirconium	90-1	6.05	5.85	5.60	5.83	3.89	ppb
Zirconium	91-1	5.90	6.12	5.65	5.89	3.94	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	A08015LDL	Dilution Factor :	25
Date & Time Acquired ::	2022-04-15 17:24:28	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	574.84	592.60	708.02	625.15	11.57	ppb
Antimony	121-1	0.04	0.04	0.05	0.04	16.80	ppb
Arsenic	75-2	1.92	2.04	2.40	2.12	11.89	ppb
Barium	135-1	11.67	11.43	11.98	11.69	2.36	ppb
Barium	137-1	12.22	12.20	11.75	12.06	2.20	ppb
Beryllium	9-1	0.22	0.18	0.20	0.20	10.14	ppb
Bismuth	209-1				110		%
Bismuth	209-2				100		%
Boron	10-1	4.62	4.18	4.57	4.46	5.46	ppb
Boron	11-1	4.70	4.27	4.43	4.47	4.85	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	-0.12	-0.16	-0.10		ppb
Cadmium	106-1	-0.38	-1.55	-2.07	-1.33		ppb
Cadmium	108-1	0.31	0.35	0.54	0.40	31.06	ppb
Calcium	43-1	1333.16	1330.03	1374.23	1345.81	1.83	ppb
Calcium	44-1	1362.22	1349.64	1380.27	1364.04	1.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.35	2.27	2.76	2.46	10.70	ppb
Cobalt	59-2	2.26	2.31	2.91	2.49	14.53	ppb
Copper	63-2	11.17	11.54	14.12	12.28	13.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				99		%
Indium	115-1				108		%
Indium	115-2				96		%
Iron	54-2	1095.27	1079.87	1354.70	1176.61	13.12	ppb
Iron	56-2	1131.75	1123.15	1354.73	1203.21	10.91	ppb
Iron	57-2	1101.01	1110.79	1311.21	1174.33	10.10	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	A08015LDL	Dilution Factor :	25
Date & Time Acquired ::	2022-04-15 17:24:28	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	13.77	14.50	13.98	14.08	2.67	ppb
Lead	207-1	13.59	13.72	13.67	13.66	0.48	ppb
Lead	208-1	13.84	13.82	13.72	13.79	0.47	ppb
Lithium	6-1				108		%
Magnesium	24-2	268.20	272.21	328.42	289.61	11.63	ppb
Manganese	55-2	18.87	19.92	23.40	20.73	11.46	ppb
Molybdenum	94-1	2.88	2.95	3.45	3.09	10.16	ppb
Molybdenum	95-1	0.82	0.76	0.76	0.78	4.87	ppb
Molybdenum	96-1	1.07	0.95	0.98	1.00	6.35	ppb
Molybdenum	97-1	0.87	0.80	0.77	0.81	5.80	ppb
Molybdenum	98-1	0.80	0.73	0.73	0.75	5.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.80	6.76	8.35	7.31	12.44	ppb
Phosphorus	31-2	109.81	143.42	180.76	144.67	24.53	ppb
Potassium	39-2	185.92	204.01	263.68	217.87	18.68	ppb
Rhodium	103-1				107		%
Rhodium	103-2				98		%
Scandium	45-1				106		%
Scandium	45-2				98		%
Selenium	82-1	0.82	1.46	0.63	0.97	44.32	ppb
Selenium	77-2	4.05	3.31	0.00	2.45	87.93	ppb
Selenium	78-2	1.81	1.97	2.37	2.05	14.14	ppb
Silicon	28-1	2.08	2.76	2.69	2.51	14.89	ppb
Silver	107-1	0.03	0.02	0.02	0.02	41.71	ppb
Silver	109-1	0.02	0.02	0.04	0.03	29.80	ppb
Sodium	23-2	70.21	65.84	87.87	74.64	15.63	ppb
Strontium	86-1	11.68	11.90	11.11	11.56	3.53	ppb
Strontium	88-1	11.86	11.74	11.77	11.79	0.50	ppb
Sulfur	34-1	-1303.03	-1284.21	-982.05	-1189.76		ppb
Terbium	159-1				108		%
Terbium	159-2				98		%
Thallium	203-1	0.05	0.05	0.07	0.06	20.76	ppb
Thallium	205-1	0.04	0.05	0.06	0.05	13.92	ppb
Tin	118-1	0.40	0.37	0.42	0.40	6.02	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	A08015LDL	Dilution Factor :	25
Date & Time Acquired ::	2022-04-15 17:24:28	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	43.79	44.15	44.41	44.11	0.71	ppb
Uranium	238-1	0.24	0.22	0.22	0.23	4.15	ppb
Vanadium	51-2	5.77	5.66	7.35	6.26	15.08	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				97		%
Zinc	66-2	17.64	17.32	21.77	18.91	13.13	ppb
Zirconium	90-1	1.15	1.12	1.10	1.12	2.11	ppb
Zirconium	91-1	1.06	1.19	1.12	1.12	5.65	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01MSDLX5	Instrumnet Name :	P8
Client Sample ID :	A08015MSDL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 17:27:31	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5221.47	5222.93	5245.55	5229.98	0.26	ppb
Antimony	121-1	92.77	96.70	92.57	94.01	2.48	ppb
Arsenic	75-2	116.95	114.25	113.20	114.80	1.68	ppb
Barium	135-1	552.63	559.18	547.53	553.11	1.06	ppb
Barium	137-1	580.49	592.34	563.52	578.78	2.50	ppb
Beryllium	9-1	97.98	98.03	104.24	100.09	3.60	ppb
Bismuth	209-1				110		%
Bismuth	209-2				106		%
Boron	10-1	38.27	38.95	42.27	39.83	5.38	ppb
Boron	11-1	37.73	39.48	43.17	40.13	6.93	ppb
Bromine	81-1						cps
Cadmium	111-1	104.37	108.38	103.23	105.33	2.57	ppb
Cadmium	106-1	106.68	109.31	104.40	106.79	2.30	ppb
Cadmium	108-1	103.79	107.98	104.11	105.29	2.21	ppb
Calcium	43-1	17151.12	16906.47	16835.59	16964.39	0.98	ppb
Calcium	44-1	17422.76	16639.85	17110.24	17057.62	2.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	104.55	103.47	103.47	103.83	0.60	ppb
Cobalt	59-2	110.65	109.52	108.62	109.60	0.93	ppb
Copper	63-2	1172.81	1226.59	1189.02	1196.14	2.31	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				109		%
Holmium	165-2				105		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	54-2	10858.42	10506.33	10480.66	10615.14	1.99	ppb
Iron	56-2	11002.83	10736.48	10645.60	10794.97	1.72	ppb
Iron	57-2	10959.05	10711.09	10439.82	10703.32	2.43	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01MSDLX5	Instrumnet Name :	P8
Client Sample ID :	A08015MSDL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 17:27:31	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	639.64	602.62	632.20	624.82	3.13	ppb
Lead	207-1	633.77	611.41	629.75	624.98	1.91	ppb
Lead	208-1	632.51	602.91	635.35	623.59	2.88	ppb
Lithium	6-1				112		%
Magnesium	24-2	12326.64	11968.89	12187.28	12160.94	1.48	ppb
Manganese	55-2	1162.18	1138.97	1144.75	1148.63	1.05	ppb
Molybdenum	94-1	573.26	601.13	567.12	580.50	3.12	ppb
Molybdenum	95-1	478.71	502.30	489.33	490.11	2.41	ppb
Molybdenum	96-1	507.27	517.01	507.57	510.62	1.08	ppb
Molybdenum	97-1	485.93	497.32	489.75	491.00	1.18	ppb
Molybdenum	98-1	483.05	483.80	490.20	485.68	0.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	139.42	134.22	133.59	135.74	2.36	ppb
Phosphorus	31-2	731.07	785.41	734.06	750.18	4.07	ppb
Potassium	39-2	6020.88	6043.74	5998.23	6020.95	0.38	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				110		%
Scandium	45-2				105		%
Selenium	82-1	109.00	109.57	107.82	108.80	0.82	ppb
Selenium	77-2	105.46	117.18	92.72	105.12	11.64	ppb
Selenium	78-2	109.13	107.69	100.56	105.79	4.34	ppb
Silicon	28-1	56.67	56.16	54.40	55.75	2.14	ppb
Silver	107-1	95.77	96.42	93.32	95.17	1.71	ppb
Silver	109-1	96.32	100.50	95.77	97.53	2.65	ppb
Sodium	23-2	10499.87	10594.11	10688.58	10594.18	0.89	ppb
Strontium	86-1	160.47	168.18	160.33	162.99	2.76	ppb
Strontium	88-1	167.43	172.79	164.59	168.27	2.48	ppb
Sulfur	34-1	-565.01	-679.84	-653.06	-632.64		ppb
Terbium	159-1				109		%
Terbium	159-2				103		%
Thallium	203-1	95.15	87.92	89.19	90.76	4.25	ppb
Thallium	205-1	96.34	89.95	93.30	93.20	3.43	ppb
Tin	118-1	95.38	97.18	92.44	95.00	2.52	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01MSDLX5	Instrumnet Name :	P8
Client Sample ID :	A08015MSDL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 17:27:31	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	738.55	730.38	722.96	730.63	1.07	ppb
Uranium	238-1	90.00	93.96	96.11	93.36	3.32	ppb
Vanadium	51-2	125.52	124.08	124.64	124.74	0.58	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				105		%
Zinc	66-2	967.54	968.91	968.58	968.34	0.07	ppb
Zirconium	90-1	99.32	99.95	96.29	98.52	1.99	ppb
Zirconium	91-1	94.50	99.77	95.92	96.73	2.82	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	A08015MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 17:30:28	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5051.13	5142.38	5127.81	5107.11	0.96	ppb
Antimony	121-1	95.20	93.65	94.92	94.59	0.88	ppb
Arsenic	75-2	117.84	113.49	115.05	115.46	1.91	ppb
Barium	135-1	569.04	563.46	559.23	563.91	0.87	ppb
Barium	137-1	570.90	563.59	588.64	574.38	2.24	ppb
Beryllium	9-1	106.17	105.39	104.88	105.48	0.62	ppb
Bismuth	209-1				113		%
Bismuth	209-2				108		%
Boron	10-1	43.07	46.42	45.41	44.97	3.82	ppb
Boron	11-1	43.24	46.66	47.58	45.83	4.99	ppb
Bromine	81-1						cps
Cadmium	111-1	108.88	106.08	107.07	107.34	1.32	ppb
Cadmium	106-1	106.02	111.37	110.17	109.19	2.57	ppb
Cadmium	108-1	104.33	104.06	106.71	105.03	1.39	ppb
Calcium	43-1	16360.85	16110.29	16555.49	16342.21	1.37	ppb
Calcium	44-1	16361.28	16455.75	16838.04	16551.69	1.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	102.31	103.09	102.35	102.58	0.43	ppb
Cobalt	59-2	107.38	106.09	106.54	106.67	0.61	ppb
Copper	63-2	1167.99	1176.87	1181.94	1175.60	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				110		%
Indium	115-2				104		%
Iron	54-2	10955.91	11456.55	11024.96	11145.81	2.43	ppb
Iron	56-2	11286.72	11209.33	11204.21	11233.42	0.41	ppb
Iron	57-2	10998.52	11103.63	10868.26	10990.14	1.07	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	A08015MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 17:30:28	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	616.94	623.98	637.72	626.22	1.69	ppb
Lead	207-1	631.83	633.31	651.92	639.02	1.75	ppb
Lead	208-1	631.78	628.48	636.28	632.18	0.62	ppb
Lithium	6-1				108		%
Magnesium	24-2	11861.98	11835.39	12137.76	11945.05	1.40	ppb
Manganese	55-2	1126.43	1136.40	1145.27	1136.03	0.83	ppb
Molybdenum	94-1	571.08	576.41	585.91	577.80	1.30	ppb
Molybdenum	95-1	493.70	505.06	496.50	498.42	1.19	ppb
Molybdenum	96-1	515.52	514.84	517.43	515.93	0.26	ppb
Molybdenum	97-1	506.93	508.04	512.19	509.05	0.54	ppb
Molybdenum	98-1	495.37	501.31	511.17	502.62	1.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	136.68	134.02	135.53	135.41	0.98	ppb
Phosphorus	31-2	702.58	773.14	617.74	697.82	11.15	ppb
Potassium	39-2	6160.58	6137.76	6107.28	6135.21	0.44	ppb
Rhodium	103-1				108		%
Rhodium	103-2				104		%
Scandium	45-1				108		%
Scandium	45-2				107		%
Selenium	82-1	108.34	110.23	115.08	111.22	3.13	ppb
Selenium	77-2	107.88	102.54	115.75	108.72	6.11	ppb
Selenium	78-2	114.44	108.90	103.35	108.90	5.09	ppb
Silicon	28-1	50.64	67.75	52.79	57.06	16.34	ppb
Silver	107-1	98.48	94.11	96.12	96.24	2.27	ppb
Silver	109-1	100.29	97.26	99.87	99.14	1.66	ppb
Sodium	23-2	10665.65	10295.96	10423.63	10461.75	1.79	ppb
Strontium	86-1	157.50	161.59	159.94	159.68	1.29	ppb
Strontium	88-1	160.02	162.30	164.89	162.40	1.50	ppb
Sulfur	34-1	-191.05	-263.87	-135.69	-196.87		ppb
Terbium	159-1				110		%
Terbium	159-2				109		%
Thallium	203-1	89.46	86.50	93.32	89.76	3.81	ppb
Thallium	205-1	93.52	89.65	94.56	92.58	2.80	ppb
Tin	118-1	91.45	91.76	95.21	92.81	2.25	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	A08015MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 17:30:28	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	719.98	724.33	712.45	718.92	0.84	ppb
Uranium	238-1	90.34	92.92	93.34	92.20	1.76	ppb
Vanadium	51-2	125.68	124.33	121.53	123.85	1.71	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	960.88	978.46	967.77	969.04	0.91	ppb
Zirconium	90-1	98.15	98.31	99.15	98.54	0.54	ppb
Zirconium	91-1	96.30	97.31	98.13	97.25	0.94	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	A08015ADL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 17:33:24	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4992.79	5246.72	5436.44	5225.32	4.26	ppb
Antimony	121-1	96.06	90.74	94.96	93.92	2.99	ppb
Arsenic	75-2	107.02	119.63	116.23	114.29	5.71	ppb
Barium	135-1	574.30	557.70	580.02	570.67	2.03	ppb
Barium	137-1	595.80	581.61	590.19	589.20	1.21	ppb
Beryllium	9-1	106.03	102.15	101.54	103.24	2.36	ppb
Bismuth	209-1				111		%
Bismuth	209-2				106		%
Boron	10-1	45.25	45.15	45.54	45.31	0.44	ppb
Boron	11-1	43.70	44.31	45.06	44.36	1.54	ppb
Bromine	81-1						cps
Cadmium	111-1	107.30	102.47	109.61	106.46	3.42	ppb
Cadmium	106-1	111.42	100.92	110.63	107.66	5.43	ppb
Cadmium	108-1	107.50	98.13	107.43	104.36	5.16	ppb
Calcium	43-1	16126.91	15782.76	16083.50	15997.72	1.17	ppb
Calcium	44-1	16425.01	15979.50	16290.49	16231.67	1.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	101.15	106.82	109.98	105.98	4.22	ppb
Cobalt	59-2	105.34	111.97	114.82	110.71	4.39	ppb
Copper	63-2	1172.28	1251.66	1266.03	1229.99	4.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				106		%
Indium	115-1				110		%
Indium	115-2				103		%
Iron	54-2	10889.94	12038.46	12268.38	11732.26	6.29	ppb
Iron	56-2	11258.54	12216.05	12573.72	12016.10	5.66	ppb
Iron	57-2	11149.75	12073.15	12320.28	11847.72	5.21	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	A08015ADL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 17:33:24	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	676.58	673.62	620.15	656.78	4.84	ppb
Lead	207-1	669.29	668.39	619.02	652.23	4.41	ppb
Lead	208-1	658.47	662.05	625.81	648.78	3.08	ppb
Lithium	6-1				111		%
Magnesium	24-2	11904.62	12228.44	12828.93	12320.66	3.81	ppb
Manganese	55-2	1108.34	1198.85	1251.04	1186.08	6.09	ppb
Molybdenum	94-1	576.39	570.43	578.61	575.14	0.74	ppb
Molybdenum	95-1	495.27	484.47	490.03	489.92	1.10	ppb
Molybdenum	96-1	514.32	508.47	523.88	515.56	1.51	ppb
Molybdenum	97-1	493.26	489.72	502.58	495.19	1.34	ppb
Molybdenum	98-1	481.25	487.97	490.02	486.41	0.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	131.90	141.77	143.00	138.89	4.38	ppb
Phosphorus	31-2	619.45	680.99	765.60	688.68	10.65	ppb
Potassium	39-2	6058.27	6242.35	6498.61	6266.41	3.53	ppb
Rhodium	103-1				106		%
Rhodium	103-2				103		%
Scandium	45-1				110		%
Scandium	45-2				104		%
Selenium	82-1	110.65	108.67	110.82	110.05	1.09	ppb
Selenium	77-2	97.80	110.71	107.90	105.47	6.44	ppb
Selenium	78-2	102.41	107.24	108.42	106.02	3.00	ppb
Silicon	28-1	59.77	49.93	54.35	54.68	9.01	ppb
Silver	107-1	101.55	92.67	101.19	98.47	5.11	ppb
Silver	109-1	100.23	97.99	102.76	100.33	2.38	ppb
Sodium	23-2	10260.83	10940.82	11211.14	10804.27	4.53	ppb
Strontium	86-1	155.39	155.55	156.89	155.94	0.53	ppb
Strontium	88-1	160.43	156.89	161.90	159.74	1.61	ppb
Sulfur	34-1	-825.90	-823.76	-677.20	-775.62		ppb
Terbium	159-1				111		%
Terbium	159-2				105		%
Thallium	203-1	93.05	94.15	91.96	93.05	1.18	ppb
Thallium	205-1	97.62	100.45	95.53	97.86	2.52	ppb
Tin	118-1	93.41	90.11	93.62	92.38	2.13	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	A08015ADL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 17:33:24	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	741.08	702.93	717.89	720.64	2.67	ppb
Uranium	238-1	95.47	94.31	91.61	93.79	2.11	ppb
Vanadium	51-2	122.08	131.65	134.30	129.34	4.97	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				105		%
Zinc	66-2	945.23	1006.57	1028.10	993.30	4.33	ppb
Zirconium	90-1	97.13	96.91	99.48	97.84	1.46	ppb
Zirconium	91-1	96.14	94.24	98.56	96.31	2.25	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-02DLX5	Instrumnet Name :	P8
Client Sample ID :	A13015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 17:36:21	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6738.38	6773.70	6754.79	6755.63	0.26	ppb
Antimony	121-1	0.76	0.90	0.88	0.85	8.85	ppb
Arsenic	75-2	18.98	18.65	19.16	18.93	1.37	ppb
Barium	135-1	255.91	260.83	252.95	256.57	1.55	ppb
Barium	137-1	264.29	265.86	262.49	264.21	0.64	ppb
Beryllium	9-1	1.21	1.11	1.18	1.16	4.35	ppb
Bismuth	209-1				112		%
Bismuth	209-2				108		%
Boron	10-1	9.06	8.05	8.57	8.56	5.91	ppb
Boron	11-1	8.92	7.84	8.40	8.39	6.41	ppb
Bromine	81-1						cps
Cadmium	111-1	6.64	6.51	6.36	6.50	2.22	ppb
Cadmium	106-1	7.34	5.82	5.86	6.34	13.63	ppb
Cadmium	108-1	6.97	6.88	6.88	6.91	0.74	ppb
Calcium	43-1	17880.61	17422.59	17818.56	17707.25	1.40	ppb
Calcium	44-1	18111.25	17548.93	17950.86	17870.35	1.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	21.73	21.85	21.88	21.82	0.36	ppb
Cobalt	59-2	17.07	17.32	16.63	17.01	2.04	ppb
Copper	63-2	147.41	151.18	149.98	149.52	1.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				106		%
Indium	115-1				112		%
Indium	115-2				106		%
Iron	54-2	28991.26	30178.63	29492.38	29554.09	2.02	ppb
Iron	56-2	28729.87	28246.30	28078.62	28351.60	1.19	ppb
Iron	57-2	27892.13	27587.48	27911.40	27797.00	0.65	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-02DLX5	Instrumnet Name :	P8
Client Sample ID :	A13015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 17:36:21	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	768.26	814.35	809.82	797.48	3.19	ppb
Lead	207-1	751.78	804.25	791.97	782.67	3.51	ppb
Lead	208-1	759.27	802.06	788.10	783.14	2.79	ppb
Lithium	6-1				113		%
Magnesium	24-2	7544.21	7975.24	7609.26	7709.57	3.01	ppb
Manganese	55-2	863.63	894.98	870.18	876.26	1.89	ppb
Molybdenum	94-1	21.18	20.90	21.45	21.18	1.29	ppb
Molybdenum	95-1	4.08	4.17	4.03	4.09	1.77	ppb
Molybdenum	96-1	6.64	6.41	6.48	6.51	1.82	ppb
Molybdenum	97-1	4.09	3.70	3.91	3.90	4.90	ppb
Molybdenum	98-1	4.15	4.06	4.00	4.07	1.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	46.17	47.89	46.34	46.80	2.02	ppb
Phosphorus	31-2	407.00	474.98	454.80	445.59	7.83	ppb
Potassium	39-2	930.68	933.24	911.65	925.19	1.27	ppb
Rhodium	103-1				108		%
Rhodium	103-2				105		%
Scandium	45-1				110		%
Scandium	45-2				106		%
Selenium	82-1	3.26	2.47	2.80	2.85	13.92	ppb
Selenium	77-2	9.53	10.32	17.46	12.44	35.12	ppb
Selenium	78-2	3.81	4.10	4.88	4.26	13.05	ppb
Silicon	28-1	61.55	60.75	69.13	63.81	7.24	ppb
Silver	107-1	0.30	0.28	0.26	0.28	7.57	ppb
Silver	109-1	0.25	0.29	0.24	0.26	9.84	ppb
Sodium	23-2	199.54	196.87	194.86	197.09	1.19	ppb
Strontium	86-1	86.67	85.35	84.18	85.40	1.46	ppb
Strontium	88-1	89.43	87.75	88.65	88.61	0.95	ppb
Sulfur	34-1	487.18	416.98	771.57	558.58	33.62	ppb
Terbium	159-1				111		%
Terbium	159-2				109		%
Thallium	203-1	0.38	0.45	0.41	0.41	8.18	ppb
Thallium	205-1	0.41	0.43	0.40	0.41	4.62	ppb
Tin	118-1	3.03	3.43	3.06	3.17	7.07	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-02DLX5	Instrumnet Name :	P8
Client Sample ID :	A13015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 17:36:21	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	225.93	217.65	218.78	220.79	2.03	ppb
Uranium	238-1	0.78	0.83	0.81	0.81	3.30	ppb
Vanadium	51-2	31.62	31.34	31.67	31.54	0.56	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				106		%
Zinc	66-2	869.20	883.25	868.63	873.69	0.95	ppb
Zirconium	90-1	9.57	9.57	9.57	9.57	0.02	ppb
Zirconium	91-1	9.24	9.31	9.32	9.29	0.47	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 17:51:00	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51216.58	51097.34	49241.23	50518.39	2.19	ppb
Antimony	121-1	483.65	490.36	493.64	489.22	1.04	ppb
Arsenic	75-2	477.39	469.91	477.82	475.04	0.94	ppb
Barium	135-1	2441.67	2481.52	2473.76	2465.65	0.86	ppb
Barium	137-1	2432.19	2508.15	2508.41	2482.92	1.77	ppb
Beryllium	9-1	503.19	501.74	509.61	504.85	0.83	ppb
Bismuth	209-1				106		%
Bismuth	209-2				100		%
Boron	10-1	317.53	338.18	345.91	333.87	4.39	ppb
Boron	11-1	314.57	326.91	330.69	324.06	2.60	ppb
Bromine	81-1						cps
Cadmium	111-1	461.66	463.73	460.19	461.86	0.38	ppb
Cadmium	106-1	480.07	463.20	462.28	468.51	2.14	ppb
Cadmium	108-1	465.67	476.34	473.33	471.78	1.17	ppb
Calcium	43-1	242617.58	246005.04	242971.93	243864.85	0.76	ppb
Calcium	44-1	241943.69	246919.54	243974.20	244279.14	1.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	472.99	474.10	461.93	469.67	1.43	ppb
Cobalt	59-2	475.01	482.84	483.10	480.32	0.96	ppb
Copper	63-2	4774.67	5014.87	4827.07	4872.20	2.59	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				116		%
Holmium	165-2				111		%
Indium	115-1				108		%
Indium	115-2				101		%
Iron	54-2	124919.63	127200.28	124058.60	125392.84	1.29	ppb
Iron	56-2	124327.74	125573.96	123020.11	124307.27	1.03	ppb
Iron	57-2	125184.44	129346.03	126402.99	126977.82	1.68	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 17:51:00	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2646.96	2568.46	2643.61	2619.68	1.69	ppb
Lead	207-1	2626.10	2581.34	2600.24	2602.56	0.86	ppb
Lead	208-1	2588.85	2589.45	2587.41	2588.57	0.04	ppb
Lithium	6-1				110		%
Magnesium	24-2	252387.86	256978.63	245233.16	251533.22	2.35	ppb
Manganese	55-2	4812.33	4826.08	4746.94	4795.12	0.88	ppb
Molybdenum	94-1	4959.40	4846.06	5122.21	4975.89	2.79	ppb
Molybdenum	95-1	4901.42	4951.29	5202.84	5018.51	3.22	ppb
Molybdenum	96-1	4947.32	5017.72	5246.34	5070.46	3.08	ppb
Molybdenum	97-1	5006.08	5016.09	5198.07	5073.42	2.13	ppb
Molybdenum	98-1	4893.75	4924.16	5165.00	4994.30	2.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	476.85	482.58	466.86	475.43	1.67	ppb
Phosphorus	31-2	9193.33	9585.63	9495.17	9424.71	2.18	ppb
Potassium	39-2	124260.38	125849.67	120756.64	123622.23	2.11	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				110		%
Scandium	45-2				107		%
Selenium	82-1	469.88	477.39	497.42	481.57	2.96	ppb
Selenium	77-2	474.99	466.75	458.65	466.80	1.75	ppb
Selenium	78-2	486.45	486.52	475.03	482.67	1.37	ppb
Silicon	28-1	291.64	289.09	298.94	293.23	1.74	ppb
Silver	107-1	480.42	481.09	466.78	476.10	1.70	ppb
Silver	109-1	482.31	489.61	481.14	484.35	0.95	ppb
Sodium	23-2	256403.83	260038.29	252134.52	256192.21	1.54	ppb
Strontium	86-1	488.09	497.45	514.37	499.97	2.66	ppb
Strontium	88-1	496.80	509.00	509.55	505.12	1.43	ppb
Sulfur	34-1	11076.94	10587.55	11246.15	10970.21	3.12	ppb
Terbium	159-1				117		%
Terbium	159-2				110		%
Thallium	203-1	540.89	488.55	530.47	519.97	5.33	ppb
Thallium	205-1	532.61	513.71	540.62	528.98	2.61	ppb
Tin	118-1	498.98	498.19	475.49	490.88	2.72	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 17:51:00	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5111.00	5196.47	5070.52	5126.00	1.25	ppb
Uranium	238-1	532.74	508.73	529.67	523.72	2.49	ppb
Vanadium	51-2	479.30	487.38	474.95	480.54	1.31	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				105		%
Zinc	66-2	4894.33	4974.11	4830.24	4899.56	1.47	ppb
Zirconium	90-1	502.25	499.94	508.64	503.61	0.90	ppb
Zirconium	91-1	487.95	495.06	513.63	498.88	2.66	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P8
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 18:00:41	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.25	-0.38	0.14	-0.16		ppb
Antimony	121-1	0.04	0.04	0.07	0.05	31.64	ppb
Arsenic	75-2	0.02	0.01	0.00	0.01	87.53	ppb
Barium	135-1	0.04	-0.01	0.00	0.01	204.88	ppb
Barium	137-1	0.01	0.01	0.02	0.01	44.24	ppb
Beryllium	9-1	0.00	0.02	0.01	0.01	113.03	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Boron	10-1	10.07	8.89	9.22	9.39	6.52	ppb
Boron	11-1	9.53	9.39	9.03	9.32	2.76	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.25	-0.28	-0.25	-0.26		ppb
Cadmium	106-1	-3.12	-3.52	-3.23	-3.29		ppb
Cadmium	108-1	0.08	0.29	0.12	0.17	67.24	ppb
Calcium	43-1	1.13	0.36	-0.16	0.44	147.50	ppb
Calcium	44-1	1.70	0.02	-0.01	0.57	170.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.02	-0.01	0.00	311.55	ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	0.05	0.08	0.05	0.06	24.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				101		%
Iron	54-2	0.62	0.13	0.74	0.50	65.65	ppb
Iron	56-2	0.58	0.24	0.18	0.34	63.43	ppb
Iron	57-2	-2.34	-2.01	-1.80	-2.05		ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P8
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 18:00:41	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.06	0.04	0.05	0.05	16.82	ppb
Lead	207-1	0.10	0.02	0.05	0.06	71.34	ppb
Lead	208-1	0.08	0.04	0.05	0.05	32.00	ppb
Lithium	6-1				110		%
Magnesium	24-2	2.70	2.14	2.13	2.32	14.13	ppb
Manganese	55-2	0.02	0.04	0.04	0.03	40.42	ppb
Molybdenum	94-1	0.15	0.07	0.14	0.12	36.29	ppb
Molybdenum	95-1	0.08	0.08	0.08	0.08	2.92	ppb
Molybdenum	96-1	0.11	0.05	0.09	0.08	33.58	ppb
Molybdenum	97-1	0.06	0.07	0.05	0.06	22.48	ppb
Molybdenum	98-1	0.08	0.06	0.05	0.06	20.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.04	-0.03	-0.04		ppb
Phosphorus	31-2	-2.40	-15.95	-15.73	-11.36		ppb
Potassium	39-2	-11.15	-6.39	-15.69	-11.08		ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	-0.28	-0.05	0.24	-0.03		ppb
Selenium	77-2	0.84	0.00	0.00	0.28	173.21	ppb
Selenium	78-2	0.04	-0.40	-0.44	-0.27		ppb
Silicon	28-1	0.25	-0.27	-0.16	-0.06		ppb
Silver	107-1	0.03	0.02	0.02	0.02	36.11	ppb
Silver	109-1	0.02	0.02	0.02	0.02	12.54	ppb
Sodium	23-2	18.00	19.76	17.27	18.34	6.99	ppb
Strontium	86-1	0.12	-0.07	-0.03	0.01	1956.72	ppb
Strontium	88-1	0.01	0.00	0.00	0.00	113.94	ppb
Sulfur	34-1	-1006.02	-1353.81	-1464.65	-1274.83		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.03	0.01	0.00	0.02	104.89	ppb
Thallium	205-1	0.02	-0.01	-0.01	0.00	541.53	ppb
Tin	118-1	0.01	-0.01	-0.01	0.00		ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P8
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 18:00:41	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.17	0.05	-0.01	0.07	132.87	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	20.73	ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	37.97	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	-0.02	0.07	-0.02	0.01	483.77	ppb
Zirconium	90-1	0.00	0.00	0.02	0.01	106.93	ppb
Zirconium	91-1	0.03	0.01	0.03	0.02	50.37	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-03DLX5	Instrumnet Name :	P8
Client Sample ID :	A13145DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 18:09:33	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5189.97	5243.31	5116.08	5183.12	1.23	ppb
Antimony	121-1	0.05	0.07	0.06	0.06	12.10	ppb
Arsenic	75-2	4.99	4.89	4.90	4.93	1.09	ppb
Barium	135-1	128.11	127.49	137.45	131.02	4.26	ppb
Barium	137-1	130.96	131.31	139.14	133.81	3.46	ppb
Beryllium	9-1	1.79	1.93	2.14	1.96	8.88	ppb
Bismuth	209-1				109		%
Bismuth	209-2				108		%
Boron	10-1	5.16	5.38	6.03	5.52	8.27	ppb
Boron	11-1	5.16	5.24	5.83	5.41	6.76	ppb
Bromine	81-1						cps
Cadmium	111-1	0.09	0.04	0.09	0.07	38.09	ppb
Cadmium	106-1	-0.66	-1.14	-0.67	-0.82		ppb
Cadmium	108-1	1.21	1.27	1.44	1.31	8.93	ppb
Calcium	43-1	4114.78	4078.98	4523.73	4239.16	5.83	ppb
Calcium	44-1	4404.99	4209.60	4745.73	4453.44	6.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8.80	8.95	8.38	8.71	3.41	ppb
Cobalt	59-2	17.99	18.30	18.06	18.12	0.90	ppb
Copper	63-2	62.93	63.48	61.60	62.67	1.54	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				109		%
Holmium	165-2				108		%
Indium	115-1				110		%
Indium	115-2				106		%
Iron	54-2	14697.17	14964.30	14881.48	14847.65	0.92	ppb
Iron	56-2	15488.75	16073.32	14955.37	15505.81	3.61	ppb
Iron	57-2	14910.58	15235.82	14708.10	14951.50	1.78	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-03DLX5	Instrumnet Name :	P8
Client Sample ID :	A13145DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 18:09:33	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	74.69	73.84	77.64	75.39	2.65	ppb
Lead	207-1	72.67	73.49	75.24	73.80	1.78	ppb
Lead	208-1	73.02	72.11	75.93	73.69	2.71	ppb
Lithium	6-1				108		%
Magnesium	24-2	1400.26	1421.35	1373.72	1398.45	1.71	ppb
Manganese	55-2	621.02	633.04	627.10	627.05	0.96	ppb
Molybdenum	94-1	15.00	14.77	15.65	15.14	3.02	ppb
Molybdenum	95-1	1.48	1.46	1.62	1.52	5.55	ppb
Molybdenum	96-1	3.25	3.30	3.57	3.37	5.11	ppb
Molybdenum	97-1	1.51	1.45	1.59	1.51	4.43	ppb
Molybdenum	98-1	1.46	1.43	1.47	1.45	1.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	21.45	21.71	20.63	21.26	2.66	ppb
Phosphorus	31-2	282.99	269.48	348.89	300.46	14.14	ppb
Potassium	39-2	1207.98	1231.19	1207.48	1215.55	1.11	ppb
Rhodium	103-1				108		%
Rhodium	103-2				108		%
Scandium	45-1				110		%
Scandium	45-2				108		%
Selenium	82-1	4.06	4.37	4.35	4.26	4.10	ppb
Selenium	77-2	12.51	12.36	13.95	12.94	6.80	ppb
Selenium	78-2	6.14	4.87	5.05	5.35	12.81	ppb
Silicon	28-1	38.72	39.26	44.69	40.89	8.07	ppb
Silver	107-1	0.08	0.09	0.09	0.09	6.21	ppb
Silver	109-1	0.09	0.08	0.07	0.08	12.67	ppb
Sodium	23-2	210.43	211.21	198.40	206.68	3.48	ppb
Strontium	86-1	59.89	58.65	62.72	60.42	3.45	ppb
Strontium	88-1	59.92	60.44	64.82	61.73	4.35	ppb
Sulfur	34-1	-708.50	-659.39	195.48	-390.80		ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	0.11	0.10	0.11	0.11	4.00	ppb
Thallium	205-1	0.11	0.10	0.11	0.11	8.75	ppb
Tin	118-1	0.47	0.42	0.49	0.46	7.38	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-03DLX5	Instrumnet Name :	P8
Client Sample ID :	A13145DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 18:09:33	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	192.11	196.52	213.76	200.80	5.70	ppb
Uranium	238-1	1.30	1.28	1.35	1.31	2.67	ppb
Vanadium	51-2	11.45	11.88	11.70	11.68	1.85	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				109		%
Zinc	66-2	74.23	73.26	74.30	73.93	0.79	ppb
Zirconium	90-1	7.32	7.28	7.65	7.42	2.76	ppb
Zirconium	91-1	7.15	7.01	7.88	7.35	6.36	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-04DLX5	Instrumnet Name :	P8
Client Sample ID :	A12015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 18:12:33	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5452.34	5571.36	5519.82	5514.51	1.08	ppb
Antimony	121-1	0.39	0.40	0.41	0.40	2.02	ppb
Arsenic	75-2	136.60	135.68	139.41	137.23	1.41	ppb
Barium	135-1	172.20	173.23	166.70	170.71	2.06	ppb
Barium	137-1	176.96	176.38	169.98	174.44	2.22	ppb
Beryllium	9-1	0.68	0.67	0.75	0.70	5.84	ppb
Bismuth	209-1				111		%
Bismuth	209-2				109		%
Boron	10-1	4.88	5.17	5.04	5.03	2.87	ppb
Boron	11-1	4.76	5.03	5.12	4.97	3.82	ppb
Bromine	81-1						cps
Cadmium	111-1	0.09	0.15	0.05	0.10	52.56	ppb
Cadmium	106-1	1.26	2.41	1.45	1.71	36.16	ppb
Cadmium	108-1	0.87	1.04	1.28	1.06	19.26	ppb
Calcium	43-1	2661.38	2775.97	2674.47	2703.94	2.32	ppb
Calcium	44-1	2794.70	2827.58	2781.25	2801.18	0.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6.27	6.38	6.55	6.40	2.26	ppb
Cobalt	59-2	1.59	1.52	1.55	1.55	2.20	ppb
Copper	63-2	30.71	30.93	30.14	30.59	1.33	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				110		%
Holmium	165-2				108		%
Indium	115-1				112		%
Indium	115-2				109		%
Iron	54-2	24181.10	24919.00	25268.99	24789.70	2.24	ppb
Iron	56-2	23898.33	24818.78	24150.84	24289.32	1.96	ppb
Iron	57-2	23653.78	24311.26	23969.69	23978.24	1.37	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-04DLX5	Instrumnet Name :	P8
Client Sample ID :	A12015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 18:12:33	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	74.35	77.08	76.01	75.81	1.82	ppb
Lead	207-1	73.23	75.82	73.56	74.20	1.90	ppb
Lead	208-1	73.45	75.96	74.85	74.75	1.69	ppb
Lithium	6-1				110		%
Magnesium	24-2	1105.45	1087.56	1102.89	1098.63	0.88	ppb
Manganese	55-2	23.69	24.79	24.80	24.43	2.63	ppb
Molybdenum	94-1	22.32	22.50	21.84	22.22	1.52	ppb
Molybdenum	95-1	3.60	3.55	3.46	3.54	2.03	ppb
Molybdenum	96-1	6.13	5.90	6.05	6.03	1.90	ppb
Molybdenum	97-1	3.57	3.45	3.06	3.36	7.81	ppb
Molybdenum	98-1	3.42	3.34	3.29	3.35	1.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.52	7.64	7.45	7.54	1.25	ppb
Phosphorus	31-2	67.64	72.28	76.64	72.19	6.23	ppb
Potassium	39-2	2161.26	2230.25	2207.63	2199.71	1.60	ppb
Rhodium	103-1				110		%
Rhodium	103-2				109		%
Scandium	45-1				113		%
Scandium	45-2				110		%
Selenium	82-1	15.86	15.36	15.32	15.51	1.93	ppb
Selenium	77-2	18.94	19.09	27.00	21.68	21.28	ppb
Selenium	78-2	17.16	16.17	15.28	16.21	5.81	ppb
Silicon	28-1	52.62	52.01	50.97	51.87	1.60	ppb
Silver	107-1	0.26	0.27	0.27	0.27	1.82	ppb
Silver	109-1	0.27	0.25	0.25	0.26	5.04	ppb
Sodium	23-2	522.81	534.48	521.62	526.30	1.35	ppb
Strontium	86-1	49.30	49.56	50.10	49.65	0.82	ppb
Strontium	88-1	50.28	50.65	50.07	50.34	0.58	ppb
Sulfur	34-1	4124.53	4232.54	3851.69	4069.58	4.82	ppb
Terbium	159-1				111		%
Terbium	159-2				109		%
Thallium	203-1	0.77	0.84	0.84	0.82	5.13	ppb
Thallium	205-1	0.81	0.84	0.83	0.83	1.83	ppb
Tin	118-1	0.18	0.16	0.16	0.17	6.55	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-04DLX5	Instrumnet Name :	P8
Client Sample ID :	A12015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 18:12:33	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9.47	9.12	8.95	9.18	2.90	ppb
Uranium	238-1	1.04	1.07	1.02	1.04	2.15	ppb
Vanadium	51-2	11.44	11.48	11.77	11.56	1.55	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				111		%
Zinc	66-2	153.42	153.27	154.03	153.57	0.26	ppb
Zirconium	90-1	10.53	10.47	10.43	10.48	0.47	ppb
Zirconium	91-1	10.56	10.30	10.25	10.37	1.61	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-05DLX5	Instrumnet Name :	P8
Client Sample ID :	A12040DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 18:15:35	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5928.32	5891.99	5981.65	5933.99	0.76	ppb
Antimony	121-1	1.06	1.19	1.12	1.12	5.57	ppb
Arsenic	75-2	106.10	108.09	106.40	106.86	1.01	ppb
Barium	135-1	228.44	228.98	234.49	230.64	1.45	ppb
Barium	137-1	231.65	241.66	243.05	238.79	2.60	ppb
Beryllium	9-1	1.14	1.14	1.20	1.16	3.13	ppb
Bismuth	209-1				115		%
Bismuth	209-2				109		%
Boron	10-1	3.99	3.90	4.17	4.02	3.47	ppb
Boron	11-1	4.03	4.03	4.30	4.12	3.74	ppb
Bromine	81-1						cps
Cadmium	111-1	2.81	2.79	2.69	2.76	2.48	ppb
Cadmium	106-1	4.82	4.20	2.99	4.01	23.24	ppb
Cadmium	108-1	3.33	3.74	3.09	3.39	9.68	ppb
Calcium	43-1	4890.88	5077.19	5107.17	5025.08	2.33	ppb
Calcium	44-1	5118.31	5312.04	5151.79	5194.05	1.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14.16	13.81	14.23	14.06	1.60	ppb
Cobalt	59-2	5.31	5.17	5.31	5.26	1.60	ppb
Copper	63-2	125.11	124.75	125.49	125.12	0.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				107		%
Indium	115-1				113		%
Indium	115-2				107		%
Iron	54-2	24572.33	24650.19	24586.83	24603.12	0.17	ppb
Iron	56-2	23839.63	24358.72	23873.05	24023.80	1.21	ppb
Iron	57-2	23313.50	23399.32	23729.99	23480.94	0.94	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-05DLX5	Instrumnet Name :	P8
Client Sample ID :	A12040DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 18:15:35	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	842.77	824.45	738.55	801.92	6.94	ppb
Lead	207-1	814.23	824.31	774.01	804.19	3.31	ppb
Lead	208-1	795.85	809.00	770.78	791.88	2.45	ppb
Lithium	6-1				109		%
Magnesium	24-2	1045.98	1075.97	1062.05	1061.33	1.41	ppb
Manganese	55-2	160.21	159.83	161.96	160.67	0.71	ppb
Molybdenum	94-1	20.42	19.40	20.70	20.17	3.38	ppb
Molybdenum	95-1	2.99	2.86	3.03	2.96	3.02	ppb
Molybdenum	96-1	5.45	5.23	5.31	5.33	2.05	ppb
Molybdenum	97-1	2.95	2.77	2.83	2.85	3.12	ppb
Molybdenum	98-1	2.90	2.82	2.92	2.88	1.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.03	17.83	18.15	18.00	0.90	ppb
Phosphorus	31-2	292.45	278.00	318.78	296.41	6.98	ppb
Potassium	39-2	1904.62	1945.56	1962.23	1937.47	1.53	ppb
Rhodium	103-1				113		%
Rhodium	103-2				108		%
Scandium	45-1				113		%
Scandium	45-2				111		%
Selenium	82-1	10.92	10.20	10.73	10.61	3.51	ppb
Selenium	77-2	19.28	14.81	22.38	18.83	20.23	ppb
Selenium	78-2	11.78	12.32	10.46	11.52	8.30	ppb
Silicon	28-1	68.14	54.48	57.20	59.94	12.07	ppb
Silver	107-1	0.66	0.63	0.63	0.64	3.09	ppb
Silver	109-1	0.55	0.63	0.61	0.60	7.44	ppb
Sodium	23-2	259.61	261.00	261.22	260.61	0.33	ppb
Strontium	86-1	42.84	43.11	43.75	43.23	1.07	ppb
Strontium	88-1	44.21	44.11	45.39	44.57	1.60	ppb
Sulfur	34-1	2607.87	2989.65	3121.69	2906.40	9.18	ppb
Terbium	159-1				114		%
Terbium	159-2				109		%
Thallium	203-1	1.55	1.50	1.44	1.50	3.61	ppb
Thallium	205-1	1.59	1.56	1.47	1.54	4.17	ppb
Tin	118-1	0.88	0.98	0.89	0.91	6.07	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-05DLX5	Instrumnet Name :	P8
Client Sample ID :	A12040DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 18:15:35	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	57.23	67.91	59.41	61.52	9.17	ppb
Uranium	238-1	0.90	0.92	0.93	0.92	1.45	ppb
Vanadium	51-2	16.54	16.74	16.83	16.70	0.91	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				109		%
Zinc	66-2	327.13	327.90	334.59	329.87	1.24	ppb
Zirconium	90-1	9.29	9.38	9.47	9.38	0.98	ppb
Zirconium	91-1	9.31	9.12	9.22	9.22	1.06	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-06DLX5	Instrumnet Name :	P8
Client Sample ID :	A01015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 18:18:33	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3745.66	3750.51	3773.97	3756.72	0.40	ppb
Antimony	121-1	1.32	1.21	1.26	1.27	4.16	ppb
Arsenic	75-2	16.98	16.82	17.18	17.00	1.05	ppb
Barium	135-1	217.79	215.66	222.80	218.75	1.68	ppb
Barium	137-1	225.34	218.61	232.65	225.54	3.11	ppb
Beryllium	9-1	0.95	0.93	0.97	0.95	1.62	ppb
Bismuth	209-1				115		%
Bismuth	209-2				110		%
Boron	10-1	4.95	4.92	5.02	4.97	1.01	ppb
Boron	11-1	4.75	4.80	5.14	4.90	4.30	ppb
Bromine	81-1						cps
Cadmium	111-1	2.80	2.59	2.85	2.75	5.06	ppb
Cadmium	106-1	2.85	1.39	3.05	2.43	37.30	ppb
Cadmium	108-1	2.95	3.79	3.22	3.32	12.87	ppb
Calcium	43-1	6132.33	6295.34	6406.91	6278.19	2.20	ppb
Calcium	44-1	6123.95	6490.16	6499.21	6371.11	3.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25.16	25.77	25.48	25.47	1.20	ppb
Cobalt	59-2	13.42	13.67	13.24	13.44	1.60	ppb
Copper	63-2	2195.53	2290.76	2119.69	2201.99	3.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				110		%
Indium	115-1				114		%
Indium	115-2				109		%
Iron	54-2	39230.99	39037.69	37935.74	38734.81	1.80	ppb
Iron	56-2	38009.43	38980.90	39053.41	38681.25	1.51	ppb
Iron	57-2	36845.75	40812.81	40376.55	39345.04	5.53	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-06DLX5	Instrumnet Name :	P8
Client Sample ID :	A01015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 18:18:33	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	173.54	176.87	184.82	178.41	3.25	ppb
Lead	207-1	174.83	174.64	184.29	177.92	3.10	ppb
Lead	208-1	179.64	182.04	190.46	184.05	3.09	ppb
Lithium	6-1				107		%
Magnesium	24-2	665.94	648.92	654.26	656.37	1.33	ppb
Manganese	55-2	255.95	261.81	261.14	259.63	1.24	ppb
Molybdenum	94-1	13.94	15.37	14.54	14.62	4.92	ppb
Molybdenum	95-1	6.42	6.98	6.64	6.68	4.24	ppb
Molybdenum	96-1	8.21	8.31	8.55	8.36	2.10	ppb
Molybdenum	97-1	6.42	6.60	6.65	6.56	1.85	ppb
Molybdenum	98-1	6.25	6.53	6.58	6.45	2.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	34.84	34.42	35.30	34.86	1.26	ppb
Phosphorus	31-2	350.03	383.10	355.88	363.00	4.86	ppb
Potassium	39-2	776.86	798.94	789.61	788.47	1.41	ppb
Rhodium	103-1				111		%
Rhodium	103-2				110		%
Scandium	45-1				114		%
Scandium	45-2				112		%
Selenium	82-1	5.17	4.97	5.11	5.08	2.00	ppb
Selenium	77-2	9.15	13.12	15.23	12.50	24.70	ppb
Selenium	78-2	5.84	5.42	5.40	5.55	4.39	ppb
Silicon	28-1	32.94	34.64	34.86	34.15	3.07	ppb
Silver	107-1	0.25	0.24	0.29	0.26	9.18	ppb
Silver	109-1	0.26	0.31	0.23	0.27	14.30	ppb
Sodium	23-2	187.64	186.81	182.73	185.73	1.41	ppb
Strontium	86-1	55.94	59.44	56.56	57.31	3.27	ppb
Strontium	88-1	57.06	58.94	56.92	57.64	1.95	ppb
Sulfur	34-1	146.87	413.33	498.30	352.83	51.97	ppb
Terbium	159-1				109		%
Terbium	159-2				111		%
Thallium	203-1	0.35	0.37	0.36	0.36	2.68	ppb
Thallium	205-1	0.34	0.41	0.39	0.38	9.30	ppb
Tin	118-1	23.29	22.96	24.29	23.52	2.95	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-06DLX5	Instrumnet Name :	P8
Client Sample ID :	A01015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 18:18:33	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	211.05	210.65	211.60	211.10	0.22	ppb
Uranium	238-1	0.64	0.65	0.71	0.67	5.33	ppb
Vanadium	51-2	20.15	20.50	20.65	20.43	1.24	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				110		%
Zinc	66-2	419.51	428.59	421.91	423.34	1.11	ppb
Zirconium	90-1	4.68	4.86	4.80	4.78	2.00	ppb
Zirconium	91-1	4.61	4.97	4.67	4.75	4.07	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-07DLX5	Instrumnet Name :	P8
Client Sample ID :	A01040DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 18:21:32	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5282.40	4225.37	4109.68	4539.15	14.24	ppb
Antimony	121-1	0.40	0.42	0.43	0.42	3.94	ppb
Arsenic	75-2	17.64	13.91	14.09	15.21	13.84	ppb
Barium	135-1	99.05	101.76	99.78	100.20	1.40	ppb
Barium	137-1	104.99	104.68	104.55	104.74	0.21	ppb
Beryllium	9-1	0.90	0.94	0.95	0.93	2.86	ppb
Bismuth	209-1				116		%
Bismuth	209-2				99		%
Boron	10-1	3.38	3.20	3.11	3.23	4.15	ppb
Boron	11-1	3.02	3.09	3.27	3.13	4.16	ppb
Bromine	81-1						cps
Cadmium	111-1	0.67	0.50	0.45	0.54	21.57	ppb
Cadmium	106-1	2.08	0.77	-0.33	0.84	143.37	ppb
Cadmium	108-1	1.32	1.27	1.12	1.24	8.30	ppb
Calcium	43-1	7360.74	7573.67	7628.55	7520.99	1.88	ppb
Calcium	44-1	7622.35	7553.13	7714.65	7630.05	1.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	15.44	12.40	12.47	13.44	12.90	ppb
Cobalt	59-2	16.74	13.02	12.88	14.22	15.42	ppb
Copper	63-2	107.21	83.67	84.12	91.66	14.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				101		%
Indium	115-1				114		%
Indium	115-2				99		%
Iron	54-2	36317.56	28756.24	28078.34	31050.71	14.73	ppb
Iron	56-2	35118.39	27633.48	27821.35	30191.08	14.14	ppb
Iron	57-2	34055.23	26530.16	26933.71	29173.03	14.51	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-07DLX5	Instrumnet Name :	P8
Client Sample ID :	A01040DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 18:21:32	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	132.51	138.03	135.04	135.19	2.04	ppb
Lead	207-1	134.00	136.85	132.17	134.34	1.75	ppb
Lead	208-1	134.33	133.87	134.81	134.34	0.35	ppb
Lithium	6-1				113		%
Magnesium	24-2	1338.31	1091.12	1072.46	1167.30	12.71	ppb
Manganese	55-2	490.91	394.24	388.08	424.41	13.59	ppb
Molybdenum	94-1	16.26	15.75	16.55	16.19	2.51	ppb
Molybdenum	95-1	2.15	1.97	2.18	2.10	5.39	ppb
Molybdenum	96-1	4.26	4.14	4.46	4.28	3.80	ppb
Molybdenum	97-1	2.29	2.11	2.26	2.22	4.41	ppb
Molybdenum	98-1	2.09	1.98	2.14	2.07	4.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	37.74	29.63	29.91	32.43	14.20	ppb
Phosphorus	31-2	422.97	348.61	325.08	365.55	13.98	ppb
Potassium	39-2	1262.31	986.97	976.05	1075.11	15.09	ppb
Rhodium	103-1				112		%
Rhodium	103-2				100		%
Scandium	45-1				115		%
Scandium	45-2				101		%
Selenium	82-1	3.61	4.18	4.86	4.21	14.86	ppb
Selenium	77-2	17.28	8.81	9.41	11.83	39.97	ppb
Selenium	78-2	7.44	6.29	5.46	6.40	15.56	ppb
Silicon	28-1	13.87	12.15	10.59	12.20	13.42	ppb
Silver	107-1	0.11	0.11	0.12	0.11	2.77	ppb
Silver	109-1	0.11	0.09	0.10	0.10	6.22	ppb
Sodium	23-2	445.63	342.75	348.76	379.05	15.23	ppb
Strontium	86-1	62.92	60.86	63.58	62.45	2.27	ppb
Strontium	88-1	63.64	63.63	65.03	64.10	1.25	ppb
Sulfur	34-1	-460.66	-221.96	-208.97	-297.19		ppb
Terbium	159-1				117		%
Terbium	159-2				100		%
Thallium	203-1	0.28	0.27	0.28	0.28	1.66	ppb
Thallium	205-1	0.27	0.28	0.27	0.27	0.96	ppb
Tin	118-1	1.98	1.94	2.03	1.98	2.43	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-07DLX5	Instrumnet Name :	P8
Client Sample ID :	A01040DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 18:21:32	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	294.33	301.16	306.14	300.54	1.97	ppb
Uranium	238-1	0.81	0.80	0.81	0.81	1.14	ppb
Vanadium	51-2	22.67	18.35	17.98	19.67	13.26	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				100		%
Zinc	66-2	194.65	155.49	158.57	169.57	12.84	ppb
Zirconium	90-1	7.77	7.44	7.81	7.67	2.69	ppb
Zirconium	91-1	7.69	7.19	7.70	7.53	3.85	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-10DLX5	Instrumnet Name :	P8
Client Sample ID :	DUP-0401DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 18:24:32	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7457.50	7600.71	7425.57	7494.59	1.24	ppb
Antimony	121-1	0.68	0.67	0.68	0.68	1.02	ppb
Arsenic	75-2	15.79	16.02	16.20	16.01	1.30	ppb
Barium	135-1	109.50	115.57	114.26	113.11	2.82	ppb
Barium	137-1	114.46	121.79	117.51	117.92	3.12	ppb
Beryllium	9-1	1.14	1.19	1.12	1.15	3.24	ppb
Bismuth	209-1				115		%
Bismuth	209-2				111		%
Boron	10-1	3.05	3.13	3.03	3.07	1.77	ppb
Boron	11-1	2.88	3.17	3.11	3.06	5.12	ppb
Bromine	81-1						cps
Cadmium	111-1	1.06	1.21	1.09	1.12	6.77	ppb
Cadmium	106-1	0.92	1.71	1.34	1.32	29.72	ppb
Cadmium	108-1	2.06	2.30	2.30	2.22	6.05	ppb
Calcium	43-1	7053.51	7433.12	7374.64	7287.09	2.80	ppb
Calcium	44-1	7594.43	7460.14	7569.52	7541.36	0.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.94	19.98	19.91	19.94	0.18	ppb
Cobalt	59-2	28.18	28.64	27.78	28.20	1.51	ppb
Copper	63-2	71.66	71.85	70.68	71.40	0.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				111		%
Indium	115-1				114		%
Indium	115-2				108		%
Iron	54-2	28050.80	29408.71	28507.84	28655.78	2.41	ppb
Iron	56-2	26903.06	28116.38	27466.18	27495.21	2.21	ppb
Iron	57-2	27099.18	27474.99	26816.62	27130.26	1.22	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-10DLX5	Instrumnet Name :	P8
Client Sample ID :	DUP-0401DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 18:24:32	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	155.73	155.39	159.85	156.99	1.58	ppb
Lead	207-1	152.82	153.17	153.50	153.16	0.22	ppb
Lead	208-1	155.21	155.91	153.19	154.77	0.91	ppb
Lithium	6-1				113		%
Magnesium	24-2	4196.84	4299.04	4192.48	4229.45	1.43	ppb
Manganese	55-2	1024.82	1057.19	1036.11	1039.37	1.58	ppb
Molybdenum	94-1	18.77	18.24	18.54	18.51	1.45	ppb
Molybdenum	95-1	3.01	3.03	2.98	3.01	0.92	ppb
Molybdenum	96-1	5.45	5.19	5.19	5.28	2.84	ppb
Molybdenum	97-1	3.07	2.99	2.92	2.99	2.57	ppb
Molybdenum	98-1	2.88	2.93	2.83	2.88	1.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	35.42	35.75	36.69	35.95	1.83	ppb
Phosphorus	31-2	481.29	599.85	553.51	544.88	10.97	ppb
Potassium	39-2	1154.04	1152.77	1138.73	1148.51	0.74	ppb
Rhodium	103-1				113		%
Rhodium	103-2				110		%
Scandium	45-1				116		%
Scandium	45-2				112		%
Selenium	82-1	2.20	2.80	2.78	2.59	12.97	ppb
Selenium	77-2	7.29	9.00	9.17	8.49	12.29	ppb
Selenium	78-2	3.13	3.68	4.48	3.76	18.04	ppb
Silicon	28-1	56.30	57.99	57.54	57.28	1.53	ppb
Silver	107-1	0.15	0.16	0.17	0.16	5.05	ppb
Silver	109-1	0.16	0.15	0.15	0.15	4.10	ppb
Sodium	23-2	144.65	149.25	147.48	147.13	1.58	ppb
Strontium	86-1	40.89	41.12	40.39	40.80	0.91	ppb
Strontium	88-1	41.97	42.00	41.74	41.90	0.35	ppb
Sulfur	34-1	-651.61	-311.06	-222.79	-395.16		ppb
Terbium	159-1				113		%
Terbium	159-2				110		%
Thallium	203-1	0.26	0.27	0.30	0.28	6.98	ppb
Thallium	205-1	0.28	0.27	0.26	0.27	4.40	ppb
Tin	118-1	2.28	2.11	1.99	2.13	6.88	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-10DLX5	Instrumnet Name :	P8
Client Sample ID :	DUP-0401DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 18:24:32	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	114.90	116.09	113.64	114.88	1.07	ppb
Uranium	238-1	0.67	0.68	0.74	0.70	5.11	ppb
Vanadium	51-2	18.71	18.58	18.33	18.54	1.05	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				113		%
Zinc	66-2	350.65	345.49	343.97	346.70	1.01	ppb
Zirconium	90-1	8.45	8.31	8.37	8.38	0.87	ppb
Zirconium	91-1	8.40	8.71	8.14	8.41	3.37	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01	Instrumnet Name :	P8
Client Sample ID :	A08015	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 18:28:50	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14472.77	14501.47	14350.13	14441.46	0.56	ppb
Antimony	121-1	1.18	1.15	1.19	1.17	1.85	ppb
Arsenic	75-2	52.09	52.57	51.50	52.05	1.03	ppb
Barium	135-1	310.98	298.07	306.01	305.02	2.13	ppb
Barium	137-1	319.64	316.49	318.32	318.15	0.50	ppb
Beryllium	9-1	5.16	5.39	5.52	5.36	3.43	ppb
Bismuth	209-1				146		%
Bismuth	209-2				134		%
Boron	10-1	7.36	8.16	9.09	8.21	10.54	ppb
Boron	11-1	7.10	8.11	8.91	8.04	11.27	ppb
Bromine	81-1						cps
Cadmium	111-1	0.99	1.01	0.99	1.00	1.29	ppb
Cadmium	106-1	4.51	4.17	5.16	4.61	10.84	ppb
Cadmium	108-1	3.31	3.82	3.85	3.66	8.27	ppb
Calcium	43-1	33357.42	35191.87	34889.71	34479.67	2.85	ppb
Calcium	44-1	34166.92	34884.36	33909.50	34320.26	1.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	59.70	58.09	58.85	58.88	1.37	ppb
Cobalt	59-2	58.22	59.42	60.02	59.22	1.55	ppb
Copper	63-2	285.16	284.92	285.36	285.15	0.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				144		%
Holmium	165-2				133		%
Indium	115-1				143		%
Indium	115-2				130		%
Iron	54-2	28993.83	29009.07	28835.85	28946.25	0.33	ppb
Iron	56-2	27681.84	28737.49	28384.85	28268.06	1.90	ppb
Iron	57-2	27432.31	27698.56	28115.80	27748.89	1.24	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01	Instrumnet Name :	P8
Client Sample ID :	A08015	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 18:28:50	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	395.51	384.79	375.24	385.18	2.63	ppb
Lead	207-1	382.94	356.13	357.24	365.44	4.15	ppb
Lead	208-1	382.88	367.35	367.28	372.51	2.41	ppb
Lithium	6-1				147		%
Magnesium	24-2	7145.00	7228.53	7252.52	7208.69	0.78	ppb
Manganese	55-2	495.57	499.83	498.32	497.91	0.43	ppb
Molybdenum	94-1	68.88	66.39	67.25	67.51	1.87	ppb
Molybdenum	95-1	18.33	17.71	18.20	18.08	1.79	ppb
Molybdenum	96-1	24.30	23.94	23.96	24.06	0.83	ppb
Molybdenum	97-1	18.63	18.15	18.36	18.38	1.33	ppb
Molybdenum	98-1	18.46	17.69	18.31	18.15	2.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	167.27	168.08	171.16	168.84	1.22	ppb
Phosphorus	31-2	3912.24	4095.70	3942.44	3983.46	2.47	ppb
Potassium	39-2	5146.37	5208.93	5238.09	5197.80	0.90	ppb
Rhodium	103-1				139		%
Rhodium	103-2				131		%
Scandium	45-1				149		%
Scandium	45-2				137		%
Selenium	82-1	47.15	47.29	48.14	47.53	1.13	ppb
Selenium	77-2	60.61	67.50	65.58	64.56	5.50	ppb
Selenium	78-2	48.60	48.35	50.12	49.02	1.96	ppb
Silicon	28-1	81.91	67.32	64.55	71.26	13.08	ppb
Silver	107-1	0.32	0.36	0.32	0.33	5.83	ppb
Silver	109-1	0.35	0.36	0.33	0.35	3.45	ppb
Sodium	23-2	1539.64	1541.04	1537.02	1539.24	0.13	ppb
Strontium	86-1	289.14	279.33	276.80	281.76	2.31	ppb
Strontium	88-1	287.15	283.30	277.94	282.80	1.64	ppb
Sulfur	34-1	894.27	1227.87	1616.16	1246.10	28.99	ppb
Terbium	159-1				145		%
Terbium	159-2				132		%
Thallium	203-1	1.58	1.49	1.50	1.52	3.20	ppb
Thallium	205-1	1.62	1.54	1.52	1.56	3.34	ppb
Tin	118-1	10.65	10.63	10.49	10.59	0.80	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01	Instrumnet Name :	P8
Client Sample ID :	A08015	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 18:28:50	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1152.87	1125.33	1162.35	1146.85	1.68	ppb
Uranium	238-1	6.27	6.05	6.01	6.11	2.30	ppb
Vanadium	51-2	146.88	148.63	150.93	148.82	1.37	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				154		%
Yttrium	89-2				147		%
Zinc	66-2	341.85	347.70	348.92	346.16	1.09	ppb
Zirconium	90-1	28.59	27.46	27.31	27.79	2.50	ppb
Zirconium	91-1	28.17	27.50	27.82	27.83	1.21	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01DUP	Instrumnet Name :	P8
Client Sample ID :	A08015DUP	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 18:31:43	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14912.05	14667.01	14786.63	14788.56	0.83	ppb
Antimony	121-1	1.18	1.18	1.19	1.18	0.36	ppb
Arsenic	75-2	53.24	53.94	54.11	53.76	0.86	ppb
Barium	135-1	365.59	374.31	367.66	369.19	1.23	ppb
Barium	137-1	384.94	385.25	373.79	381.32	1.71	ppb
Beryllium	9-1	5.73	5.95	6.01	5.90	2.49	ppb
Bismuth	209-1				143		%
Bismuth	209-2				132		%
Boron	10-1	7.27	7.63	8.22	7.71	6.20	ppb
Boron	11-1	6.84	7.62	8.22	7.56	9.20	ppb
Bromine	81-1						cps
Cadmium	111-1	1.14	1.19	1.21	1.18	3.16	ppb
Cadmium	106-1	5.90	6.85	6.40	6.38	7.43	ppb
Cadmium	108-1	3.90	4.01	3.60	3.84	5.44	ppb
Calcium	43-1	32621.03	32221.29	32771.04	32537.79	0.87	ppb
Calcium	44-1	32012.74	31453.25	31845.17	31770.38	0.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	56.47	54.56	55.90	55.64	1.76	ppb
Cobalt	59-2	58.81	57.56	59.33	58.56	1.56	ppb
Copper	63-2	298.30	288.90	292.49	293.23	1.62	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				140		%
Holmium	165-2				132		%
Indium	115-1				143		%
Indium	115-2				129		%
Iron	54-2	30273.13	29526.60	30560.63	30120.12	1.77	ppb
Iron	56-2	30251.32	28750.37	29245.05	29415.58	2.60	ppb
Iron	57-2	29325.45	27745.02	28429.78	28500.08	2.78	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01DUP	Instrumnet Name :	P8
Client Sample ID :	A08015DUP	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 18:31:43	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	438.02	458.03	440.00	445.35	2.48	ppb
Lead	207-1	415.36	431.13	415.24	420.58	2.17	ppb
Lead	208-1	420.68	440.15	423.99	428.27	2.43	ppb
Lithium	6-1				138		%
Magnesium	24-2	6952.87	6792.93	7029.37	6925.06	1.74	ppb
Manganese	55-2	515.83	493.93	518.47	509.41	2.64	ppb
Molybdenum	94-1	71.51	70.85	82.03	74.80	8.39	ppb
Molybdenum	95-1	18.94	18.28	18.97	18.73	2.10	ppb
Molybdenum	96-1	25.59	23.80	25.10	24.83	3.72	ppb
Molybdenum	97-1	18.96	18.04	19.19	18.73	3.27	ppb
Molybdenum	98-1	18.71	17.86	18.85	18.47	2.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	169.42	163.14	167.52	166.70	1.93	ppb
Phosphorus	31-2	4003.44	3847.16	3875.15	3908.58	2.13	ppb
Potassium	39-2	5618.69	5401.87	5488.59	5503.05	1.98	ppb
Rhodium	103-1				137		%
Rhodium	103-2				125		%
Scandium	45-1				145		%
Scandium	45-2				135		%
Selenium	82-1	49.72	48.80	51.17	49.90	2.39	ppb
Selenium	77-2	80.50	81.02	62.15	74.56	14.41	ppb
Selenium	78-2	48.64	50.40	54.29	51.11	5.66	ppb
Silicon	28-1	117.35	83.14	85.54	95.34	20.03	ppb
Silver	107-1	0.45	0.53	0.47	0.48	8.67	ppb
Silver	109-1	0.44	0.45	0.47	0.45	4.09	ppb
Sodium	23-2	1511.67	1471.33	1490.95	1491.32	1.35	ppb
Strontium	86-1	290.03	280.37	291.03	287.14	2.05	ppb
Strontium	88-1	294.14	285.42	287.00	288.85	1.61	ppb
Sulfur	34-1	1558.34	1381.23	1400.78	1446.78	6.71	ppb
Terbium	159-1				139		%
Terbium	159-2				132		%
Thallium	203-1	1.44	1.52	1.45	1.47	3.02	ppb
Thallium	205-1	1.51	1.57	1.54	1.54	1.98	ppb
Tin	118-1	9.75	9.57	9.58	9.63	1.04	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01DUP	Instrumnet Name :	P8
Client Sample ID :	A08015DUP	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 18:31:43	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1174.86	1022.95	1024.69	1074.17	8.12	ppb
Uranium	238-1	6.00	6.27	6.16	6.15	2.20	ppb
Vanadium	51-2	147.56	144.13	146.31	146.00	1.19	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				149		%
Yttrium	89-2				139		%
Zinc	66-2	334.17	324.41	332.95	330.51	1.61	ppb
Zirconium	90-1	29.82	28.78	29.69	29.43	1.93	ppb
Zirconium	91-1	29.99	28.40	31.70	30.03	5.51	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01LX5	Instrumnet Name :	P8
Client Sample ID :	A08015L	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 18:34:39	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2829.82	2915.00	2843.35	2862.73	1.60	ppb
Antimony	121-1	0.21	0.20	0.18	0.20	7.11	ppb
Arsenic	75-2	9.61	10.63	10.42	10.22	5.28	ppb
Barium	135-1	58.06	56.81	60.21	58.36	2.94	ppb
Barium	137-1	59.59	58.86	62.45	60.30	3.15	ppb
Beryllium	9-1	0.98	0.93	0.96	0.96	2.52	ppb
Bismuth	209-1				110		%
Bismuth	209-2				108		%
Boron	10-1	3.70	3.74	3.79	3.74	1.16	ppb
Boron	11-1	3.68	3.70	3.59	3.66	1.54	ppb
Bromine	81-1						cps
Cadmium	111-1	0.07	0.01	0.11	0.06	83.88	ppb
Cadmium	106-1	-0.78	-1.11	-0.06	-0.65		ppb
Cadmium	108-1	0.45	1.08	0.56	0.70	48.56	ppb
Calcium	43-1	6511.51	6568.52	6496.59	6525.54	0.58	ppb
Calcium	44-1	6854.58	6702.72	6968.65	6841.98	1.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11.59	11.48	12.19	11.75	3.27	ppb
Cobalt	59-2	11.28	11.60	11.28	11.38	1.61	ppb
Copper	63-2	55.25	56.78	55.34	55.79	1.54	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				110		%
Holmium	165-2				108		%
Indium	115-1				112		%
Indium	115-2				105		%
Iron	54-2	5428.38	5420.01	5439.81	5429.40	0.18	ppb
Iron	56-2	5676.17	5722.37	5703.54	5700.69	0.41	ppb
Iron	57-2	5406.34	5550.53	5409.09	5455.32	1.51	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01LX5	Instrumnet Name :	P8
Client Sample ID :	A08015L	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 18:34:39	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	70.59	72.86	73.45	72.30	2.09	ppb
Lead	207-1	66.95	70.83	69.44	69.07	2.84	ppb
Lead	208-1	68.62	70.77	70.02	69.81	1.56	ppb
Lithium	6-1				111		%
Magnesium	24-2	1303.79	1357.32	1293.24	1318.11	2.61	ppb
Manganese	55-2	96.67	98.90	97.35	97.64	1.17	ppb
Molybdenum	94-1	14.67	13.47	13.48	13.88	4.97	ppb
Molybdenum	95-1	3.81	3.88	3.74	3.81	1.93	ppb
Molybdenum	96-1	5.08	5.12	4.98	5.06	1.39	ppb
Molybdenum	97-1	3.60	3.61	3.82	3.68	3.34	ppb
Molybdenum	98-1	3.61	3.58	3.81	3.67	3.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	32.51	33.70	33.42	33.21	1.88	ppb
Phosphorus	31-2	765.16	733.28	695.23	731.22	4.79	ppb
Potassium	39-2	993.64	993.19	1006.26	997.70	0.74	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				111		%
Scandium	45-2				107		%
Selenium	82-1	8.53	8.31	7.52	8.12	6.56	ppb
Selenium	77-2	15.94	13.45	17.55	15.65	13.23	ppb
Selenium	78-2	9.05	6.57	6.82	7.48	18.26	ppb
Silicon	28-1	9.65	10.34	10.05	10.01	3.43	ppb
Silver	107-1	0.10	0.07	0.10	0.09	17.06	ppb
Silver	109-1	0.10	0.08	0.07	0.08	18.81	ppb
Sodium	23-2	286.04	294.09	297.07	292.40	1.95	ppb
Strontium	86-1	56.57	58.80	58.34	57.91	2.03	ppb
Strontium	88-1	60.08	58.98	58.42	59.16	1.43	ppb
Sulfur	34-1	-1095.47	-806.39	-891.65	-931.17		ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	0.29	0.35	0.29	0.31	11.34	ppb
Thallium	205-1	0.32	0.27	0.29	0.29	8.86	ppb
Tin	118-1	2.15	1.97	2.13	2.08	4.65	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01LX5	Instrumnet Name :	P8
Client Sample ID :	A08015L	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 18:34:39	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	220.00	216.25	218.52	218.26	0.86	ppb
Uranium	238-1	1.15	1.25	1.16	1.19	4.31	ppb
Vanadium	51-2	29.18	29.12	28.75	29.02	0.81	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				106		%
Zinc	66-2	63.08	62.41	60.58	62.03	2.09	ppb
Zirconium	90-1	5.67	5.73	5.69	5.70	0.48	ppb
Zirconium	91-1	5.73	5.98	5.48	5.73	4.37	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01MS	Instrumnet Name :	P8
Client Sample ID :	A08015MS	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 18:37:39	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26948.09	33535.64	29213.73	29899.16	11.19	ppb
Antimony	121-1	522.12	493.62	494.54	503.43	3.22	ppb
Arsenic	75-2	554.09	690.16	599.21	614.49	11.28	ppb
Barium	135-1	2985.67	2807.75	2850.33	2881.25	3.22	ppb
Barium	137-1	2970.59	2818.25	2996.39	2928.41	3.29	ppb
Beryllium	9-1	541.34	553.57	531.73	542.21	2.02	ppb
Bismuth	209-1				120		%
Bismuth	209-2				105		%
Boron	10-1	179.97	193.43	186.39	186.59	3.61	ppb
Boron	11-1	170.97	190.07	183.85	181.63	5.37	ppb
Bromine	81-1						cps
Cadmium	111-1	557.21	540.29	543.29	546.93	1.65	ppb
Cadmium	106-1	550.52	539.11	546.59	545.41	1.06	ppb
Cadmium	108-1	549.37	515.15	537.34	533.95	3.25	ppb
Calcium	43-1	87645.72	85409.78	89057.99	87371.17	2.11	ppb
Calcium	44-1	85926.29	85034.00	86192.71	85717.67	0.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	514.11	618.68	533.05	555.28	10.03	ppb
Cobalt	59-2	551.97	701.86	580.28	611.37	13.03	ppb
Copper	63-2	5542.82	6810.49	5875.10	6076.14	10.82	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				121		%
Holmium	165-2				108		%
Indium	115-1				119		%
Indium	115-2				101		%
Iron	54-2	53937.03	65185.85	56433.58	58518.82	10.09	ppb
Iron	56-2	52548.72	66288.76	55637.85	58158.44	12.39	ppb
Iron	57-2	55743.41	67656.34	58491.03	60630.26	10.29	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01MS	Instrumnet Name :	P8
Client Sample ID :	A08015MS	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 18:37:39	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	3362.33	3208.31	3182.11	3250.92	3.00	ppb
Lead	207-1	3324.74	3207.76	3138.00	3223.50	2.93	ppb
Lead	208-1	3262.02	3204.51	3150.05	3205.53	1.75	ppb
Lithium	6-1				124		%
Magnesium	24-2	59375.65	72401.94	61248.57	64342.05	10.95	ppb
Manganese	55-2	5735.62	7068.61	6217.75	6340.66	10.64	ppb
Molybdenum	94-1	2705.00	2680.45	2813.55	2733.00	2.59	ppb
Molybdenum	95-1	2291.16	2326.96	2321.52	2313.22	0.83	ppb
Molybdenum	96-1	2365.00	2477.86	2383.33	2408.73	2.51	ppb
Molybdenum	97-1	2330.04	2315.06	2379.74	2341.61	1.45	ppb
Molybdenum	98-1	2328.38	2257.45	2297.95	2294.59	1.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	640.13	795.85	678.41	704.80	11.51	ppb
Phosphorus	31-2	3994.35	4901.45	4225.10	4373.63	10.78	ppb
Potassium	39-2	30635.68	36878.62	32504.55	33339.61	9.61	ppb
Rhodium	103-1				114		%
Rhodium	103-2				101		%
Scandium	45-1				125		%
Scandium	45-2				110		%
Selenium	82-1	548.08	560.84	557.86	555.59	1.20	ppb
Selenium	77-2	514.34	697.03	588.51	599.96	15.32	ppb
Selenium	78-2	533.92	653.60	589.46	592.33	10.11	ppb
Silicon	28-1	280.77	307.81	270.61	286.39	6.71	ppb
Silver	107-1	472.78	450.71	479.72	467.74	3.24	ppb
Silver	109-1	498.03	459.15	467.79	474.99	4.30	ppb
Sodium	23-2	52640.05	63620.88	55129.40	57130.11	10.08	ppb
Strontium	86-1	794.54	787.52	789.78	790.61	0.45	ppb
Strontium	88-1	774.67	796.07	794.55	788.43	1.51	ppb
Sulfur	34-1	2347.20	2453.48	2325.00	2375.23	2.89	ppb
Terbium	159-1				121		%
Terbium	159-2				107		%
Thallium	203-1	514.25	475.03	485.28	491.52	4.14	ppb
Thallium	205-1	515.53	482.59	494.15	497.42	3.36	ppb
Tin	118-1	491.13	473.00	491.02	485.05	2.15	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01MS	Instrumnet Name :	P8
Client Sample ID :	A08015MS	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 18:37:39	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3589.32	3649.24	3615.23	3617.93	0.83	ppb
Uranium	238-1	490.53	493.53	491.62	491.89	0.31	ppb
Vanadium	51-2	618.36	752.19	638.55	669.70	10.77	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				131		%
Yttrium	89-2				112		%
Zinc	66-2	5049.14	6161.07	5247.18	5485.80	10.81	ppb
Zirconium	90-1	459.33	469.70	478.13	469.05	2.01	ppb
Zirconium	91-1	456.56	465.57	470.03	464.05	1.48	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 18:44:19	DataFile Name :	045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51204.67	53029.51	49441.19	51225.12	3.50	ppb
Antimony	121-1	509.28	483.67	484.79	492.58	2.94	ppb
Arsenic	75-2	481.24	480.65	475.86	479.25	0.62	ppb
Barium	135-1	2484.25	2386.76	2413.25	2428.09	2.08	ppb
Barium	137-1	2500.71	2518.16	2459.77	2492.88	1.20	ppb
Beryllium	9-1	512.31	527.39	520.53	520.08	1.45	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Boron	10-1	323.35	330.28	360.25	337.96	5.80	ppb
Boron	11-1	320.29	321.00	347.53	329.61	4.71	ppb
Bromine	81-1						cps
Cadmium	111-1	473.70	467.25	459.53	466.83	1.52	ppb
Cadmium	106-1	471.62	473.61	471.96	472.40	0.23	ppb
Cadmium	108-1	479.14	466.54	474.48	473.39	1.35	ppb
Calcium	43-1	238424.28	239328.05	229260.21	235670.85	2.36	ppb
Calcium	44-1	242215.85	238590.28	235994.74	238933.62	1.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	467.07	481.91	471.59	473.53	1.61	ppb
Cobalt	59-2	474.45	491.95	479.42	481.94	1.87	ppb
Copper	63-2	4917.79	5007.84	4928.25	4951.29	0.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				109		%
Indium	115-1				107		%
Indium	115-2				100		%
Iron	54-2	125735.53	126280.63	126611.52	126209.23	0.35	ppb
Iron	56-2	122000.02	128366.58	125833.52	125400.04	2.56	ppb
Iron	57-2	125865.23	129616.61	128769.65	128083.83	1.54	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 18:44:19	DataFile Name :	045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2564.15	2482.41	2527.63	2524.73	1.62	ppb
Lead	207-1	2605.26	2592.39	2672.45	2623.37	1.64	ppb
Lead	208-1	2565.06	2560.09	2606.12	2577.09	0.98	ppb
Lithium	6-1				112		%
Magnesium	24-2	254727.05	261310.58	252458.82	256165.48	1.79	ppb
Manganese	55-2	4777.51	4869.02	4765.50	4804.01	1.18	ppb
Molybdenum	94-1	5145.52	5076.61	4987.16	5069.76	1.57	ppb
Molybdenum	95-1	5126.78	5082.47	5047.55	5085.60	0.78	ppb
Molybdenum	96-1	5145.06	5145.05	5031.11	5107.07	1.29	ppb
Molybdenum	97-1	5065.78	5188.73	5078.62	5111.05	1.32	ppb
Molybdenum	98-1	5139.87	5126.18	4987.61	5084.55	1.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	476.60	486.17	474.17	478.98	1.32	ppb
Phosphorus	31-2	9499.99	10423.24	9462.17	9795.13	5.56	ppb
Potassium	39-2	124198.06	123510.80	121540.06	123082.97	1.12	ppb
Rhodium	103-1				102		%
Rhodium	103-2				97		%
Scandium	45-1				112		%
Scandium	45-2				106		%
Selenium	82-1	501.47	507.07	487.09	498.54	2.07	ppb
Selenium	77-2	535.96	463.63	482.36	493.98	7.60	ppb
Selenium	78-2	479.46	479.54	487.23	482.08	0.93	ppb
Silicon	28-1	286.73	292.52	287.34	288.86	1.10	ppb
Silver	107-1	488.73	487.78	480.27	485.60	0.95	ppb
Silver	109-1	491.01	486.27	484.07	487.12	0.73	ppb
Sodium	23-2	263819.63	260626.33	249546.51	257997.49	2.90	ppb
Strontium	86-1	501.69	504.66	494.49	500.28	1.05	ppb
Strontium	88-1	510.18	510.07	512.95	511.07	0.32	ppb
Sulfur	34-1	10677.17	11035.67	10491.30	10734.72	2.58	ppb
Terbium	159-1				116		%
Terbium	159-2				109		%
Thallium	203-1	535.93	504.64	512.57	517.71	3.14	ppb
Thallium	205-1	531.62	515.00	507.85	518.16	2.35	ppb
Tin	118-1	497.74	493.20	478.82	489.92	2.02	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 18:44:19	DataFile Name :	045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5145.65	4976.50	4925.43	5015.86	2.30	ppb
Uranium	238-1	536.79	535.88	521.04	531.24	1.66	ppb
Vanadium	51-2	478.89	483.67	477.47	480.01	0.68	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				104		%
Zinc	66-2	4911.24	5192.11	4982.56	5028.64	2.90	ppb
Zirconium	90-1	510.66	502.55	502.65	505.29	0.92	ppb
Zirconium	91-1	502.78	514.00	496.27	504.35	1.78	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 18:53:00	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.24	1.36	2.52	1.70	41.48	ppb
Antimony	121-1	0.06	0.07	0.07	0.07	11.89	ppb
Arsenic	75-2	0.01	0.00	0.05	0.02	121.26	ppb
Barium	135-1	0.11	0.09	0.08	0.09	15.65	ppb
Barium	137-1	0.07	0.05	0.10	0.07	33.02	ppb
Beryllium	9-1	0.02	0.03	0.02	0.02	26.42	ppb
Bismuth	209-1				110		%
Bismuth	209-2				104		%
Boron	10-1	9.75	9.90	9.25	9.63	3.55	ppb
Boron	11-1	9.87	9.91	9.57	9.78	1.90	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.21	-0.20	-0.19	-0.20		ppb
Cadmium	106-1	-3.16	-2.76	-2.48	-2.80		ppb
Cadmium	108-1	0.24	0.23	0.17	0.21	17.17	ppb
Calcium	43-1	8.44	8.72	8.19	8.45	3.15	ppb
Calcium	44-1	7.33	5.89	7.04	6.76	11.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.04	0.03	0.03	55.36	ppb
Cobalt	59-2	0.02	0.02	0.01	0.02	31.51	ppb
Copper	63-2	0.19	0.15	0.27	0.20	31.21	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				100		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	54-2	3.19	4.30	5.09	4.19	22.70	ppb
Iron	56-2	4.03	3.78	6.25	4.69	28.97	ppb
Iron	57-2	3.68	1.12	5.61	3.47	64.93	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 18:53:00	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.10	0.11	0.11	0.11	3.03	ppb
Lead	207-1	0.11	0.10	0.07	0.09	22.58	ppb
Lead	208-1	0.09	0.11	0.11	0.10	7.03	ppb
Lithium	6-1				109		%
Magnesium	24-2	9.30	8.25	11.16	9.57	15.42	ppb
Manganese	55-2	0.15	0.12	0.24	0.17	37.58	ppb
Molybdenum	94-1	0.23	0.16	0.21	0.20	18.90	ppb
Molybdenum	95-1	0.19	0.13	0.17	0.16	20.02	ppb
Molybdenum	96-1	0.23	0.21	0.15	0.20	20.74	ppb
Molybdenum	97-1	0.24	0.19	0.18	0.20	16.29	ppb
Molybdenum	98-1	0.20	0.23	0.15	0.19	20.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.03	0.00	-0.01		ppb
Phosphorus	31-2	-17.52	-23.86	-2.61	-14.66		ppb
Potassium	39-2	6.95	0.52	-7.17	0.10	7054.56	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				99		%
Selenium	82-1	0.18	-0.15	-0.16	-0.04		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.76	0.26	-0.34	0.23	244.02	ppb
Silicon	28-1	0.02	-0.37	-0.10	-0.15		ppb
Silver	107-1	0.04	0.03	0.04	0.04	16.76	ppb
Silver	109-1	0.03	0.04	0.04	0.04	15.24	ppb
Sodium	23-2	27.95	20.84	21.74	23.51	16.46	ppb
Strontium	86-1	0.02	0.01	-0.02	0.01	380.03	ppb
Strontium	88-1	0.01	0.01	0.02	0.01	27.68	ppb
Sulfur	34-1	-1220.43	-1545.89	-1370.75	-1379.02		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.03	0.02	0.01	0.02	40.69	ppb
Thallium	205-1	0.01	0.02	0.00	0.01	64.29	ppb
Tin	118-1	0.00	0.01	0.00	0.01	113.31	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 18:53:00	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.20	0.15	0.15	0.17	18.62	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	33.61	ppb
Vanadium	51-2	0.02	0.01	0.04	0.02	72.85	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	0.32	0.11	0.31	0.24	48.23	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	19.36	ppb
Zirconium	91-1	0.02	0.01	0.03	0.02	57.14	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01MSD	Instrumnet Name :	P8
Client Sample ID :	A08015MSD	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 18:56:02	DataFile Name :	047AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27414.00	26409.34	27394.49	27072.61	2.12	ppb
Antimony	121-1	487.52	463.39	464.99	471.97	2.86	ppb
Arsenic	75-2	554.39	559.25	545.01	552.88	1.31	ppb
Barium	135-1	2854.75	2759.01	2802.65	2805.47	1.71	ppb
Barium	137-1	2866.33	2730.91	2846.50	2814.58	2.60	ppb
Beryllium	9-1	552.43	547.70	541.96	547.36	0.96	ppb
Bismuth	209-1				127		%
Bismuth	209-2				119		%
Boron	10-1	187.15	197.49	194.00	192.88	2.73	ppb
Boron	11-1	177.00	193.37	183.02	184.46	4.49	ppb
Bromine	81-1						cps
Cadmium	111-1	533.64	515.76	525.76	525.05	1.71	ppb
Cadmium	106-1	552.38	522.05	496.71	523.71	5.32	ppb
Cadmium	108-1	531.42	511.62	515.44	519.50	2.02	ppb
Calcium	43-1	85808.98	84764.38	79680.42	83417.93	3.93	ppb
Calcium	44-1	82754.28	82037.01	81681.85	82157.71	0.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	516.60	501.68	507.77	508.68	1.48	ppb
Cobalt	59-2	552.75	537.49	535.82	542.02	1.72	ppb
Copper	63-2	5832.42	5568.02	5611.77	5670.74	2.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				128		%
Holmium	165-2				120		%
Indium	115-1				122		%
Indium	115-2				112		%
Iron	54-2	56227.84	55786.03	57259.47	56424.45	1.34	ppb
Iron	56-2	57151.33	54795.35	54690.48	55545.72	2.51	ppb
Iron	57-2	57992.10	56074.44	56026.35	56697.63	1.98	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01MSD	Instrumnet Name :	P8
Client Sample ID :	A08015MSD	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 18:56:02	DataFile Name :	047AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	3259.54	3235.97	3250.85	3248.79	0.37	ppb
Lead	207-1	3213.39	3160.61	3250.55	3208.18	1.41	ppb
Lead	208-1	3187.43	3178.24	3250.93	3205.53	1.23	ppb
Lithium	6-1				129		%
Magnesium	24-2	59057.35	59157.83	59932.83	59382.67	0.81	ppb
Manganese	55-2	5869.66	5659.94	5863.12	5797.57	2.06	ppb
Molybdenum	94-1	2721.33	2740.83	2853.91	2772.02	2.58	ppb
Molybdenum	95-1	2256.65	2307.93	2330.56	2298.38	1.65	ppb
Molybdenum	96-1	2349.31	2409.68	2380.26	2379.75	1.27	ppb
Molybdenum	97-1	2270.86	2325.29	2374.13	2323.43	2.22	ppb
Molybdenum	98-1	2230.29	2287.00	2338.88	2285.39	2.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	657.94	636.56	635.92	643.47	1.95	ppb
Phosphorus	31-2	3907.68	3679.61	3859.17	3815.49	3.15	ppb
Potassium	39-2	30203.17	30807.38	29991.23	30333.93	1.40	ppb
Rhodium	103-1				118		%
Rhodium	103-2				112		%
Scandium	45-1				129		%
Scandium	45-2				121		%
Selenium	82-1	542.91	566.55	577.13	562.20	3.12	ppb
Selenium	77-2	568.42	561.94	528.30	552.89	3.90	ppb
Selenium	78-2	544.96	548.72	526.41	540.03	2.21	ppb
Silicon	28-1	269.03	306.67	318.96	298.22	8.72	ppb
Silver	107-1	480.07	466.05	452.63	466.25	2.94	ppb
Silver	109-1	473.71	470.25	474.60	472.86	0.49	ppb
Sodium	23-2	53901.12	52756.04	53190.87	53282.68	1.08	ppb
Strontium	86-1	744.46	771.08	792.46	769.33	3.13	ppb
Strontium	88-1	754.31	759.61	763.39	759.10	0.60	ppb
Sulfur	34-1	1906.87	1960.99	1808.48	1892.11	4.09	ppb
Terbium	159-1				130		%
Terbium	159-2				120		%
Thallium	203-1	500.93	488.92	491.76	493.87	1.27	ppb
Thallium	205-1	496.22	484.64	482.11	487.66	1.54	ppb
Tin	118-1	463.06	440.10	458.24	453.80	2.67	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01MSD	Instrumnet Name :	P8
Client Sample ID :	A08015MSD	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 18:56:02	DataFile Name :	047AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3551.95	3635.83	3540.76	3576.18	1.45	ppb
Uranium	238-1	474.89	471.24	498.57	481.57	3.08	ppb
Vanadium	51-2	627.89	621.49	616.54	621.98	0.92	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				134		%
Yttrium	89-2				126		%
Zinc	66-2	5188.52	4991.68	4991.75	5057.31	2.25	ppb
Zirconium	90-1	455.89	471.59	470.98	466.15	1.91	ppb
Zirconium	91-1	462.81	464.39	478.20	468.47	1.81	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01A	Instrumnet Name :	P8
Client Sample ID :	A08015A	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 18:58:58	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26080.70	26638.23	26864.10	26527.68	1.52	ppb
Antimony	121-1	479.34	475.36	478.49	477.73	0.44	ppb
Arsenic	75-2	558.41	545.56	550.94	551.64	1.17	ppb
Barium	135-1	2876.28	2838.17	2840.96	2851.80	0.74	ppb
Barium	137-1	2879.18	2809.23	2797.36	2828.59	1.56	ppb
Beryllium	9-1	534.55	555.65	550.45	546.88	2.01	ppb
Bismuth	209-1				130		%
Bismuth	209-2				123		%
Boron	10-1	184.12	194.21	216.22	198.19	8.28	ppb
Boron	11-1	182.66	206.26	208.78	199.23	7.23	ppb
Bromine	81-1						cps
Cadmium	111-1	528.35	512.73	526.69	522.59	1.64	ppb
Cadmium	106-1	531.33	513.12	524.81	523.09	1.76	ppb
Cadmium	108-1	512.70	506.69	516.23	511.87	0.94	ppb
Calcium	43-1	79774.36	76972.31	80915.02	79220.57	2.56	ppb
Calcium	44-1	78174.27	77198.74	82129.21	79167.41	3.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	505.74	497.43	513.81	505.66	1.62	ppb
Cobalt	59-2	569.47	553.61	546.85	556.64	2.09	ppb
Copper	63-2	5499.38	5679.28	5657.52	5612.06	1.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				132		%
Holmium	165-2				123		%
Indium	115-1				126		%
Indium	115-2				114		%
Iron	54-2	57941.51	58640.30	57823.35	58135.06	0.76	ppb
Iron	56-2	57937.92	57024.03	56651.69	57204.55	1.16	ppb
Iron	57-2	60121.49	59742.44	60712.70	60192.21	0.81	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01A	Instrumnet Name :	P8
Client Sample ID :	A08015A	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 18:58:58	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	3196.89	3316.77	3286.15	3266.60	1.91	ppb
Lead	207-1	3145.99	3296.44	3314.12	3252.18	2.84	ppb
Lead	208-1	3224.80	3246.24	3319.04	3263.36	1.51	ppb
Lithium	6-1				134		%
Magnesium	24-2	58235.18	58969.09	61749.63	59651.30	3.11	ppb
Manganese	55-2	5866.94	5764.41	5892.03	5841.13	1.16	ppb
Molybdenum	94-1	2743.53	2724.39	2770.31	2746.08	0.84	ppb
Molybdenum	95-1	2298.96	2378.16	2383.21	2353.45	2.01	ppb
Molybdenum	96-1	2376.31	2376.17	2468.75	2407.08	2.22	ppb
Molybdenum	97-1	2319.93	2316.51	2364.14	2333.53	1.14	ppb
Molybdenum	98-1	2262.07	2343.89	2321.64	2309.20	1.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	660.60	646.78	656.03	654.47	1.08	ppb
Phosphorus	31-2	3680.57	3747.47	3597.16	3675.07	2.05	ppb
Potassium	39-2	31763.22	32201.24	30961.14	31641.87	1.99	ppb
Rhodium	103-1				121		%
Rhodium	103-2				115		%
Scandium	45-1				133		%
Scandium	45-2				122		%
Selenium	82-1	549.95	568.51	575.62	564.69	2.35	ppb
Selenium	77-2	520.09	571.57	523.47	538.38	5.35	ppb
Selenium	78-2	550.47	527.95	544.38	540.93	2.15	ppb
Silicon	28-1	251.57	263.26	282.39	265.74	5.86	ppb
Silver	107-1	480.78	453.66	470.86	468.43	2.93	ppb
Silver	109-1	488.49	469.07	473.16	476.91	2.15	ppb
Sodium	23-2	53549.49	54398.22	53629.49	53859.07	0.87	ppb
Strontium	86-1	754.11	721.98	779.19	751.76	3.81	ppb
Strontium	88-1	782.61	728.91	759.13	756.89	3.56	ppb
Sulfur	34-1	983.11	1253.34	1772.49	1336.31	30.02	ppb
Terbium	159-1				135		%
Terbium	159-2				123		%
Thallium	203-1	495.25	504.61	498.61	499.49	0.95	ppb
Thallium	205-1	481.53	501.73	493.08	492.11	2.06	ppb
Tin	118-1	452.90	442.29	461.77	452.32	2.16	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01A	Instrumnet Name :	P8
Client Sample ID :	A08015A	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 18:58:58	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3451.38	3470.98	3589.81	3504.06	2.14	ppb
Uranium	238-1	488.98	476.49	501.04	488.84	2.51	ppb
Vanadium	51-2	627.23	618.56	616.02	620.60	0.95	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				138		%
Yttrium	89-2				129		%
Zinc	66-2	4993.24	5230.78	5288.13	5170.72	3.02	ppb
Zirconium	90-1	464.86	468.53	460.77	464.72	0.84	ppb
Zirconium	91-1	463.95	464.77	459.69	462.80	0.59	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-02	Instrumnet Name :	P8
Client Sample ID :	A13015	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 19:01:53	DataFile Name :	049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34154.88	35752.14	36083.99	35330.34	2.92	ppb
Antimony	121-1	4.28	4.70	4.55	4.51	4.75	ppb
Arsenic	75-2	96.21	96.18	97.10	96.50	0.54	ppb
Barium	135-1	1292.83	1418.33	1338.46	1349.87	4.71	ppb
Barium	137-1	1330.40	1424.41	1363.07	1372.62	3.48	ppb
Beryllium	9-1	6.77	6.03	6.47	6.42	5.79	ppb
Bismuth	209-1				134		%
Bismuth	209-2				126		%
Boron	10-1	29.34	26.35	27.75	27.81	5.38	ppb
Boron	11-1	29.61	26.39	27.05	27.69	6.15	ppb
Bromine	81-1						cps
Cadmium	111-1	31.86	35.40	33.08	33.44	5.38	ppb
Cadmium	106-1	36.85	42.20	36.90	38.65	7.96	ppb
Cadmium	108-1	35.00	36.74	36.06	35.93	2.44	ppb
Calcium	43-1	86851.57	90900.47	87939.13	88563.73	2.37	ppb
Calcium	44-1	88785.52	90506.02	91452.83	90248.12	1.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	107.72	109.15	106.32	107.73	1.32	ppb
Cobalt	59-2	83.90	83.47	83.14	83.50	0.46	ppb
Copper	63-2	729.65	757.36	751.05	746.02	1.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				133		%
Holmium	165-2				127		%
Indium	115-1				132		%
Indium	115-2				120		%
Iron	54-2	143393.29	140984.11	141570.89	141982.76	0.88	ppb
Iron	56-2	140685.66	138680.25	143176.83	140847.58	1.60	ppb
Iron	57-2	141105.45	143942.14	144483.17	143176.92	1.27	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-02	Instrumnet Name :	P8
Client Sample ID :	A13015	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 19:01:53	DataFile Name :	049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	3936.38	4187.81	4045.51	4056.57	3.11	ppb
Lead	207-1	3744.46	4027.58	3816.06	3862.70	3.81	ppb
Lead	208-1	3862.80	4086.46	3880.90	3943.39	3.15	ppb
Lithium	6-1				135		%
Magnesium	24-2	37803.40	37827.48	37396.68	37675.85	0.64	ppb
Manganese	55-2	4412.78	4480.50	4547.94	4480.40	1.51	ppb
Molybdenum	94-1	97.55	102.22	103.23	101.00	3.00	ppb
Molybdenum	95-1	18.77	19.43	20.03	19.41	3.25	ppb
Molybdenum	96-1	30.08	31.37	31.75	31.07	2.81	ppb
Molybdenum	97-1	19.26	19.92	19.85	19.68	1.83	ppb
Molybdenum	98-1	18.14	19.55	19.19	18.96	3.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	224.69	227.99	226.38	226.35	0.73	ppb
Phosphorus	31-2	2511.89	2518.58	2311.65	2447.37	4.80	ppb
Potassium	39-2	4643.19	4650.43	4661.47	4651.70	0.20	ppb
Rhodium	103-1				125		%
Rhodium	103-2				118		%
Scandium	45-1				136		%
Scandium	45-2				128		%
Selenium	82-1	17.89	17.93	19.02	18.28	3.50	ppb
Selenium	77-2	48.92	44.98	50.35	48.08	5.79	ppb
Selenium	78-2	21.58	20.40	22.10	21.36	4.09	ppb
Silicon	28-1	322.71	335.04	322.61	326.79	2.19	ppb
Silver	107-1	1.08	1.15	1.07	1.10	4.00	ppb
Silver	109-1	1.04	1.12	1.08	1.08	3.60	ppb
Sodium	23-2	955.15	944.56	951.11	950.28	0.56	ppb
Strontium	86-1	400.78	420.91	412.92	411.54	2.46	ppb
Strontium	88-1	396.36	424.12	417.78	412.75	3.52	ppb
Sulfur	34-1	7629.76	9155.49	8433.08	8406.11	9.08	ppb
Terbium	159-1				135		%
Terbium	159-2				127		%
Thallium	203-1	2.22	2.31	2.36	2.29	3.05	ppb
Thallium	205-1	2.19	2.33	2.31	2.27	3.28	ppb
Tin	118-1	15.15	16.12	15.65	15.64	3.09	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-02	Instrumnet Name :	P8
Client Sample ID :	A13015	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 19:01:53	DataFile Name :	049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1099.24	1152.77	1128.36	1126.79	2.38	ppb
Uranium	238-1	4.12	4.47	4.56	4.38	5.34	ppb
Vanadium	51-2	155.74	158.34	155.85	156.64	0.94	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				142		%
Yttrium	89-2				134		%
Zinc	66-2	4688.17	4719.83	4637.51	4681.84	0.89	ppb
Zirconium	90-1	44.55	46.22	45.58	45.45	1.86	ppb
Zirconium	91-1	43.26	47.03	45.13	45.14	4.18	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-03	Instrumnet Name :	P8
Client Sample ID :	A13145	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 19:04:49	DataFile Name :	050AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27097.30	27787.59	27664.15	27516.35	1.34	ppb
Antimony	121-1	0.36	0.35	0.34	0.35	3.19	ppb
Arsenic	75-2	24.70	24.10	24.40	24.40	1.24	ppb
Barium	135-1	658.56	647.64	673.89	660.03	2.00	ppb
Barium	137-1	684.67	671.58	706.86	687.71	2.59	ppb
Beryllium	9-1	10.23	10.67	10.13	10.34	2.75	ppb
Bismuth	209-1				138		%
Bismuth	209-2				132		%
Boron	10-1	14.89	15.76	14.96	15.20	3.18	ppb
Boron	11-1	15.52	16.06	14.68	15.42	4.53	ppb
Bromine	81-1						cps
Cadmium	111-1	1.33	1.29	1.63	1.42	13.09	ppb
Cadmium	106-1	6.42	7.32	10.07	7.94	23.98	ppb
Cadmium	108-1	4.23	4.42	4.74	4.46	5.68	ppb
Calcium	43-1	21041.28	21482.62	21048.88	21190.93	1.19	ppb
Calcium	44-1	21417.03	21906.20	20984.39	21435.87	2.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	45.01	43.65	43.02	43.89	2.32	ppb
Cobalt	59-2	89.83	91.29	89.68	90.27	0.99	ppb
Copper	63-2	302.93	312.55	308.48	307.98	1.57	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				138		%
Holmium	165-2				129		%
Indium	115-1				138		%
Indium	115-2				126		%
Iron	54-2	76220.99	75921.42	77467.14	76536.52	1.07	ppb
Iron	56-2	77620.15	77639.93	75807.60	77022.56	1.37	ppb
Iron	57-2	80105.46	79003.22	77657.57	78922.08	1.55	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-03	Instrumnet Name :	P8
Client Sample ID :	A13145	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 19:04:49	DataFile Name :	050AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	403.51	391.71	401.26	398.83	1.57	ppb
Lead	207-1	387.00	390.96	399.56	392.51	1.64	ppb
Lead	208-1	390.28	392.57	393.67	392.17	0.44	ppb
Lithium	6-1				140		%
Magnesium	24-2	7471.93	7501.66	7357.54	7443.71	1.02	ppb
Manganese	55-2	3219.45	3258.93	3233.40	3237.26	0.62	ppb
Molybdenum	94-1	69.81	73.21	72.55	71.86	2.51	ppb
Molybdenum	95-1	6.98	7.14	7.19	7.10	1.53	ppb
Molybdenum	96-1	15.16	16.05	16.01	15.74	3.18	ppb
Molybdenum	97-1	7.01	7.09	7.48	7.19	3.52	ppb
Molybdenum	98-1	6.76	6.72	6.84	6.77	0.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	105.22	107.89	102.48	105.20	2.57	ppb
Phosphorus	31-2	1467.24	1564.13	1639.60	1556.99	5.55	ppb
Potassium	39-2	5989.49	6241.91	5970.20	6067.20	2.50	ppb
Rhodium	103-1				134		%
Rhodium	103-2				127		%
Scandium	45-1				142		%
Scandium	45-2				135		%
Selenium	82-1	22.65	24.12	24.20	23.66	3.70	ppb
Selenium	77-2	50.47	54.34	62.82	55.88	11.30	ppb
Selenium	78-2	25.11	24.20	26.15	25.15	3.87	ppb
Silicon	28-1	196.54	196.68	194.91	196.04	0.50	ppb
Silver	107-1	0.41	0.42	0.45	0.43	4.25	ppb
Silver	109-1	0.36	0.38	0.40	0.38	6.05	ppb
Sodium	23-2	990.58	1014.97	978.01	994.52	1.89	ppb
Strontium	86-1	284.10	289.06	296.71	289.96	2.19	ppb
Strontium	88-1	286.89	296.93	294.73	292.85	1.80	ppb
Sulfur	34-1	3038.83	3346.14	3206.50	3197.16	4.81	ppb
Terbium	159-1				138		%
Terbium	159-2				128		%
Thallium	203-1	0.61	0.60	0.57	0.59	3.94	ppb
Thallium	205-1	0.58	0.57	0.66	0.60	7.70	ppb
Tin	118-1	2.23	2.23	2.32	2.26	2.28	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-03	Instrumnet Name :	P8
Client Sample ID :	A13145	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 19:04:49	DataFile Name :	050AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1010.76	1025.37	1018.37	1018.17	0.72	ppb
Uranium	238-1	6.67	6.31	6.69	6.56	3.24	ppb
Vanadium	51-2	59.29	59.04	58.25	58.86	0.92	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				150		%
Yttrium	89-2				141		%
Zinc	66-2	396.88	402.30	396.61	398.60	0.80	ppb
Zirconium	90-1	34.60	34.60	36.28	35.16	2.76	ppb
Zirconium	91-1	33.74	34.61	35.22	34.52	2.16	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-04	Instrumnet Name :	P8
Client Sample ID :	A12015	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 19:07:42	DataFile Name :	051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25238.19	25674.40	26071.53	25661.37	1.62	ppb
Antimony	121-1	1.08	1.13	1.15	1.12	3.18	ppb
Arsenic	75-2	702.63	679.53	674.75	685.64	2.17	ppb
Barium	135-1	831.25	852.97	919.04	867.75	5.27	ppb
Barium	137-1	861.91	890.49	927.71	893.37	3.69	ppb
Beryllium	9-1	3.62	3.72	3.61	3.65	1.68	ppb
Bismuth	209-1				146		%
Bismuth	209-2				134		%
Boron	10-1	11.91	12.50	11.97	12.13	2.67	ppb
Boron	11-1	12.02	12.41	12.38	12.27	1.74	ppb
Bromine	81-1						cps
Cadmium	111-1	0.59	0.54	0.80	0.64	21.44	ppb
Cadmium	106-1	9.54	9.27	11.74	10.18	13.33	ppb
Cadmium	108-1	5.46	5.64	4.76	5.29	8.87	ppb
Calcium	43-1	13436.79	13882.68	13801.90	13707.13	1.73	ppb
Calcium	44-1	14012.13	13951.07	13958.83	13974.01	0.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	30.74	31.85	31.43	31.34	1.79	ppb
Cobalt	59-2	7.78	7.91	7.65	7.78	1.66	ppb
Copper	63-2	150.66	155.94	151.97	152.86	1.80	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				143		%
Holmium	165-2				134		%
Indium	115-1				143		%
Indium	115-2				131		%
Iron	54-2	121725.80	125342.02	123892.72	123653.51	1.47	ppb
Iron	56-2	120093.73	125400.96	125694.20	123729.63	2.55	ppb
Iron	57-2	123566.15	125342.38	122826.13	123911.55	1.04	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-04	Instrumnet Name :	P8
Client Sample ID :	A12015	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 19:07:42	DataFile Name :	051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	419.07	394.26	422.34	411.89	3.73	ppb
Lead	207-1	398.77	399.40	407.36	401.84	1.19	ppb
Lead	208-1	400.88	390.81	410.87	400.85	2.50	ppb
Lithium	6-1				148		%
Magnesium	24-2	5685.24	5904.62	5964.39	5851.41	2.51	ppb
Manganese	55-2	119.16	121.89	120.31	120.45	1.14	ppb
Molybdenum	94-1	109.10	109.57	107.03	108.57	1.24	ppb
Molybdenum	95-1	15.99	16.33	16.25	16.19	1.10	ppb
Molybdenum	96-1	29.22	28.83	27.98	28.67	2.21	ppb
Molybdenum	97-1	16.96	16.93	16.58	16.82	1.24	ppb
Molybdenum	98-1	16.43	16.30	15.95	16.23	1.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	37.12	38.70	37.54	37.79	2.17	ppb
Phosphorus	31-2	373.75	468.11	426.67	422.84	11.19	ppb
Potassium	39-2	11231.84	11463.16	11091.82	11262.28	1.67	ppb
Rhodium	103-1				142		%
Rhodium	103-2				131		%
Scandium	45-1				150		%
Scandium	45-2				140		%
Selenium	82-1	95.26	93.22	91.60	93.36	1.96	ppb
Selenium	77-2	109.37	127.97	103.73	113.69	11.16	ppb
Selenium	78-2	90.43	86.98	84.08	87.16	3.65	ppb
Silicon	28-1	270.94	274.63	276.30	273.96	1.00	ppb
Silver	107-1	1.29	1.28	1.33	1.30	2.20	ppb
Silver	109-1	1.21	1.29	1.38	1.29	6.41	ppb
Sodium	23-2	2747.11	2759.46	2660.60	2722.39	1.98	ppb
Strontium	86-1	232.92	237.79	238.40	236.37	1.27	ppb
Strontium	88-1	242.52	234.88	244.08	240.50	2.05	ppb
Sulfur	34-1	20638.81	21637.72	20746.69	21007.74	2.61	ppb
Terbium	159-1				147		%
Terbium	159-2				136		%
Thallium	203-1	4.26	4.11	4.58	4.32	5.56	ppb
Thallium	205-1	4.37	4.19	4.43	4.33	2.90	ppb
Tin	118-1	0.58	0.70	0.70	0.66	10.19	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-04	Instrumnet Name :	P8
Client Sample ID :	A12015	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 19:07:42	DataFile Name :	051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	46.67	44.19	61.89	50.91	18.83	ppb
Uranium	238-1	5.54	5.50	5.57	5.54	0.65	ppb
Vanadium	51-2	56.49	57.87	57.19	57.18	1.20	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				159		%
Yttrium	89-2				148		%
Zinc	66-2	83.72	87.12	86.00	85.61	2.02	ppb
Zirconium	90-1	50.36	51.14	50.14	50.55	1.04	ppb
Zirconium	91-1	51.04	49.55	48.99	49.86	2.12	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-05	Instrumnet Name :	P8
Client Sample ID :	A12040	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 19:10:38	DataFile Name :	052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28314.86	28531.98	29623.67	28823.50	2.43	ppb
Antimony	121-1	5.89	6.08	6.21	6.06	2.64	ppb
Arsenic	75-2	529.84	534.09	521.86	528.60	1.17	ppb
Barium	135-1	1159.34	1212.63	1209.56	1193.84	2.51	ppb
Barium	137-1	1177.67	1193.82	1243.41	1204.97	2.84	ppb
Beryllium	9-1	6.22	6.49	6.32	6.35	2.12	ppb
Bismuth	209-1				152		%
Bismuth	209-2				138		%
Boron	10-1	11.01	11.03	11.87	11.30	4.32	ppb
Boron	11-1	10.90	11.46	12.10	11.49	5.21	ppb
Bromine	81-1						cps
Cadmium	111-1	14.77	15.18	14.20	14.72	3.35	ppb
Cadmium	106-1	24.63	23.86	20.42	22.97	9.77	ppb
Cadmium	108-1	17.78	17.81	18.38	17.99	1.88	ppb
Calcium	43-1	24131.66	25461.41	24031.43	24541.50	3.25	ppb
Calcium	44-1	24026.97	25479.10	24818.26	24774.78	2.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	69.08	69.46	68.88	69.14	0.43	ppb
Cobalt	59-2	25.85	25.48	25.58	25.64	0.76	ppb
Copper	63-2	625.26	627.37	628.41	627.01	0.26	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				149		%
Holmium	165-2				136		%
Indium	115-1				151		%
Indium	115-2				132		%
Iron	54-2	118524.47	116990.49	116724.58	117413.18	0.83	ppb
Iron	56-2	121728.03	114704.09	116271.30	117567.81	3.14	ppb
Iron	57-2	121558.73	119678.12	118645.89	119960.91	1.23	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-05	Instrumnet Name :	P8
Client Sample ID :	A12040	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 19:10:38	DataFile Name :	052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	3891.45	3899.26	4002.10	3930.94	1.57	ppb
Lead	207-1	3900.23	3906.71	3956.97	3921.30	0.79	ppb
Lead	208-1	3948.41	3913.71	3965.75	3942.62	0.67	ppb
Lithium	6-1				146		%
Magnesium	24-2	5429.43	5350.68	5459.28	5413.13	1.04	ppb
Manganese	55-2	796.49	782.92	782.12	787.18	1.03	ppb
Molybdenum	94-1	98.09	97.36	99.40	98.28	1.05	ppb
Molybdenum	95-1	15.03	15.51	15.05	15.20	1.78	ppb
Molybdenum	96-1	26.25	26.68	26.98	26.64	1.37	ppb
Molybdenum	97-1	14.88	15.23	15.48	15.20	1.97	ppb
Molybdenum	98-1	14.68	14.66	15.35	14.90	2.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	87.32	87.33	86.79	87.15	0.35	ppb
Phosphorus	31-2	1403.49	1526.18	1551.78	1493.82	5.31	ppb
Potassium	39-2	9906.74	9729.44	9437.63	9691.27	2.44	ppb
Rhodium	103-1				146		%
Rhodium	103-2				134		%
Scandium	45-1				156		%
Scandium	45-2				144		%
Selenium	82-1	61.05	61.92	64.26	62.41	2.66	ppb
Selenium	77-2	101.20	107.20	75.53	94.64	17.78	ppb
Selenium	78-2	65.47	68.16	62.89	65.51	4.02	ppb
Silicon	28-1	260.95	278.27	249.21	262.81	5.56	ppb
Silver	107-1	3.13	3.36	3.27	3.25	3.47	ppb
Silver	109-1	3.16	3.25	3.16	3.19	1.59	ppb
Sodium	23-2	1321.29	1282.31	1294.03	1299.21	1.54	ppb
Strontium	86-1	208.35	208.42	214.25	210.34	1.61	ppb
Strontium	88-1	208.16	210.55	221.67	213.46	3.38	ppb
Sulfur	34-1	15671.06	17219.88	15410.42	16100.45	6.08	ppb
Terbium	159-1				151		%
Terbium	159-2				136		%
Thallium	203-1	8.03	7.85	7.88	7.92	1.20	ppb
Thallium	205-1	8.25	7.85	8.14	8.08	2.57	ppb
Tin	118-1	4.76	4.85	4.97	4.86	2.20	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-05	Instrumnet Name :	P8
Client Sample ID :	A12040	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 19:10:38	DataFile Name :	052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	286.31	290.42	281.52	286.08	1.56	ppb
Uranium	238-1	4.77	4.78	4.98	4.84	2.43	ppb
Vanadium	51-2	80.49	81.14	80.28	80.63	0.56	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				162		%
Yttrium	89-2				149		%
Zinc	66-2	1648.39	1640.00	1643.08	1643.82	0.26	ppb
Zirconium	90-1	45.08	45.11	46.62	45.60	1.93	ppb
Zirconium	91-1	44.74	44.63	46.32	45.23	2.08	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-06	Instrumnet Name :	P8
Client Sample ID :	A01015	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 19:13:32	DataFile Name :	053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19752.17	19166.63	18874.54	19264.44	2.32	ppb
Antimony	121-1	6.67	6.44	6.40	6.51	2.24	ppb
Arsenic	75-2	84.63	82.94	86.59	84.72	2.16	ppb
Barium	135-1	1122.10	1101.95	1064.58	1096.21	2.66	ppb
Barium	137-1	1150.76	1119.54	1087.06	1119.12	2.85	ppb
Beryllium	9-1	4.84	4.94	4.91	4.90	1.03	ppb
Bismuth	209-1				140		%
Bismuth	209-2				134		%
Boron	10-1	12.83	13.00	13.97	13.27	4.65	ppb
Boron	11-1	12.50	13.32	14.02	13.28	5.70	ppb
Bromine	81-1						cps
Cadmium	111-1	14.73	14.41	14.54	14.56	1.12	ppb
Cadmium	106-1	16.00	17.42	17.14	16.85	4.46	ppb
Cadmium	108-1	17.18	16.49	16.43	16.70	2.51	ppb
Calcium	43-1	33236.21	31847.63	32351.07	32478.30	2.16	ppb
Calcium	44-1	32049.85	31656.31	32896.89	32201.02	1.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	131.59	125.98	125.43	127.67	2.67	ppb
Cobalt	59-2	67.89	65.50	65.32	66.23	2.16	ppb
Copper	63-2	10745.66	10543.34	10572.19	10620.40	1.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				140		%
Holmium	165-2				134		%
Indium	115-1				144		%
Indium	115-2				130		%
Iron	54-2	191539.72	184013.72	187273.47	187608.97	2.01	ppb
Iron	56-2	193455.32	181971.75	184743.04	186723.37	3.21	ppb
Iron	57-2	196502.99	191747.20	187532.08	191927.42	2.34	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-06	Instrumnet Name :	P8
Client Sample ID :	A01015	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 19:13:32	DataFile Name :	053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	976.32	949.25	994.42	973.33	2.34	ppb
Lead	207-1	949.07	949.66	968.23	955.65	1.14	ppb
Lead	208-1	953.00	942.68	978.95	958.21	1.95	ppb
Lithium	6-1				141		%
Magnesium	24-2	3355.98	3254.21	3308.67	3306.29	1.54	ppb
Manganese	55-2	1399.01	1294.24	1357.57	1350.27	3.91	ppb
Molybdenum	94-1	67.45	66.12	68.66	67.41	1.88	ppb
Molybdenum	95-1	30.70	30.17	30.26	30.38	0.94	ppb
Molybdenum	96-1	38.56	38.69	39.01	38.75	0.59	ppb
Molybdenum	97-1	31.11	31.13	31.18	31.14	0.12	ppb
Molybdenum	98-1	30.44	30.12	30.34	30.30	0.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	175.89	168.24	169.24	171.12	2.43	ppb
Phosphorus	31-2	1841.70	1794.76	1968.51	1868.33	4.81	ppb
Potassium	39-2	3989.74	3951.50	4000.14	3980.46	0.64	ppb
Rhodium	103-1				136		%
Rhodium	103-2				131		%
Scandium	45-1				146		%
Scandium	45-2				139		%
Selenium	82-1	30.01	31.88	31.46	31.12	3.15	ppb
Selenium	77-2	45.42	40.71	56.59	47.57	17.14	ppb
Selenium	78-2	29.09	30.45	34.02	31.18	8.18	ppb
Silicon	28-1	180.58	181.51	182.05	181.38	0.41	ppb
Silver	107-1	1.10	1.10	1.05	1.09	2.69	ppb
Silver	109-1	1.10	1.06	1.03	1.06	3.72	ppb
Sodium	23-2	923.86	889.34	891.84	901.68	2.13	ppb
Strontium	86-1	262.10	257.92	265.89	261.97	1.52	ppb
Strontium	88-1	268.72	266.18	273.38	269.43	1.35	ppb
Sulfur	34-1	5764.97	8404.52	6821.12	6996.87	18.99	ppb
Terbium	159-1				143		%
Terbium	159-2				136		%
Thallium	203-1	2.04	1.98	2.01	2.01	1.40	ppb
Thallium	205-1	2.00	1.99	2.12	2.04	3.44	ppb
Tin	118-1	119.49	113.51	110.30	114.43	4.08	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-06	Instrumnet Name :	P8
Client Sample ID :	A01015	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 19:13:32	DataFile Name :	053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1065.08	1032.73	1106.89	1068.23	3.48	ppb
Uranium	238-1	3.57	3.40	3.52	3.49	2.54	ppb
Vanadium	51-2	104.36	101.47	101.55	102.46	1.60	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				154		%
Yttrium	89-2				145		%
Zinc	66-2	2384.82	2265.15	2244.67	2298.21	3.29	ppb
Zirconium	90-1	22.30	22.11	22.26	22.22	0.47	ppb
Zirconium	91-1	22.32	21.55	22.54	22.13	2.35	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-07	Instrumnet Name :	P8
Client Sample ID :	A01040	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 19:16:27	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21517.54	21899.66	21848.96	21755.39	0.95	ppb
Antimony	121-1	2.07	2.15	2.15	2.12	2.31	ppb
Arsenic	75-2	68.89	68.56	70.05	69.17	1.13	ppb
Barium	135-1	524.33	532.85	531.63	529.60	0.87	ppb
Barium	137-1	548.15	538.86	558.02	548.34	1.75	ppb
Beryllium	9-1	4.72	5.16	5.03	4.97	4.57	ppb
Bismuth	209-1				144		%
Bismuth	209-2				136		%
Boron	10-1	8.02	9.02	8.79	8.61	6.07	ppb
Boron	11-1	8.08	9.28	8.76	8.71	6.91	ppb
Bromine	81-1						cps
Cadmium	111-1	3.38	3.45	3.64	3.49	3.83	ppb
Cadmium	106-1	10.28	10.16	10.50	10.31	1.68	ppb
Cadmium	108-1	6.86	7.30	6.53	6.90	5.61	ppb
Calcium	43-1	38872.34	38060.13	38076.36	38336.28	1.21	ppb
Calcium	44-1	38872.25	38048.06	37964.83	38295.04	1.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	60.41	59.87	59.44	59.91	0.81	ppb
Cobalt	59-2	63.04	63.25	61.32	62.54	1.69	ppb
Copper	63-2	413.85	410.38	395.20	406.47	2.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				146		%
Holmium	165-2				136		%
Indium	115-1				148		%
Indium	115-2				133		%
Iron	54-2	138257.07	135672.05	131538.97	135156.03	2.51	ppb
Iron	56-2	138906.47	135023.35	131905.93	135278.59	2.59	ppb
Iron	57-2	137384.97	137633.16	134446.91	136488.35	1.30	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-07	Instrumnet Name :	P8
Client Sample ID :	A01040	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 19:16:27	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	772.93	779.06	761.82	771.27	1.13	ppb
Lead	207-1	745.79	739.15	727.15	737.36	1.28	ppb
Lead	208-1	745.45	743.07	732.03	740.18	0.97	ppb
Lithium	6-1				150		%
Magnesium	24-2	5709.26	5329.67	5522.28	5520.40	3.44	ppb
Manganese	55-2	2042.81	2016.94	1978.82	2012.85	1.60	ppb
Molybdenum	94-1	79.67	81.97	78.43	80.02	2.24	ppb
Molybdenum	95-1	9.94	10.21	10.06	10.07	1.34	ppb
Molybdenum	96-1	20.28	21.09	20.26	20.54	2.32	ppb
Molybdenum	97-1	9.85	10.45	10.50	10.27	3.51	ppb
Molybdenum	98-1	9.78	10.17	10.04	10.00	2.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	144.45	140.95	142.12	142.51	1.25	ppb
Phosphorus	31-2	1775.34	1844.91	1692.68	1770.98	4.30	ppb
Potassium	39-2	4905.58	4849.77	4820.92	4858.76	0.89	ppb
Rhodium	103-1				145		%
Rhodium	103-2				133		%
Scandium	45-1				153		%
Scandium	45-2				140		%
Selenium	82-1	26.99	28.59	28.16	27.91	2.97	ppb
Selenium	77-2	45.74	50.96	40.98	45.89	10.88	ppb
Selenium	78-2	27.48	28.81	30.67	28.99	5.54	ppb
Silicon	28-1	57.93	69.34	64.16	63.81	8.95	ppb
Silver	107-1	0.46	0.44	0.48	0.46	4.08	ppb
Silver	109-1	0.41	0.49	0.46	0.45	8.32	ppb
Sodium	23-2	1719.08	1705.24	1642.09	1688.80	2.43	ppb
Strontium	86-1	304.04	314.61	302.37	307.01	2.16	ppb
Strontium	88-1	305.89	317.31	317.39	313.53	2.11	ppb
Sulfur	34-1	5262.93	5540.63	5523.47	5442.35	2.86	ppb
Terbium	159-1				147		%
Terbium	159-2				137		%
Thallium	203-1	1.43	1.53	1.50	1.48	3.17	ppb
Thallium	205-1	1.45	1.48	1.57	1.50	4.33	ppb
Tin	118-1	10.08	10.31	10.07	10.16	1.34	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-07	Instrumnet Name :	P8
Client Sample ID :	A01040	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 19:16:27	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1525.27	1519.07	1510.58	1518.31	0.49	ppb
Uranium	238-1	4.23	4.14	4.29	4.22	1.79	ppb
Vanadium	51-2	91.30	91.78	89.56	90.88	1.28	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				155		%
Yttrium	89-2				147		%
Zinc	66-2	810.49	790.39	802.69	801.19	1.27	ppb
Zirconium	90-1	37.67	38.55	37.71	37.97	1.31	ppb
Zirconium	91-1	36.93	37.93	37.55	37.47	1.35	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-10	Instrumnet Name :	P8
Client Sample ID :	DUP-0401	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 19:19:20	DataFile Name :	055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38597.87	39125.75	38716.00	38813.21	0.71	ppb
Antimony	121-1	3.24	3.40	3.37	3.34	2.47	ppb
Arsenic	75-2	80.82	79.90	80.79	80.51	0.65	ppb
Barium	135-1	578.13	582.17	582.57	580.95	0.42	ppb
Barium	137-1	578.07	603.40	608.79	596.75	2.75	ppb
Beryllium	9-1	6.18	5.98	6.46	6.21	3.91	ppb
Bismuth	209-1				135		%
Bismuth	209-2				127		%
Boron	10-1	8.34	8.54	9.32	8.74	5.91	ppb
Boron	11-1	8.42	8.49	9.21	8.71	5.03	ppb
Bromine	81-1						cps
Cadmium	111-1	6.25	6.32	6.58	6.39	2.75	ppb
Cadmium	106-1	14.34	13.00	16.96	14.77	13.61	ppb
Cadmium	108-1	9.21	10.48	10.97	10.22	8.86	ppb
Calcium	43-1	36175.38	36808.46	37143.49	36709.11	1.34	ppb
Calcium	44-1	36713.20	35857.75	36877.08	36482.68	1.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	96.18	95.30	97.49	96.32	1.14	ppb
Cobalt	59-2	135.90	136.17	136.74	136.27	0.31	ppb
Copper	63-2	343.37	343.16	358.38	348.30	2.51	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				133		%
Holmium	165-2				126		%
Indium	115-1				135		%
Indium	115-2				124		%
Iron	54-2	135157.95	135816.49	137390.57	136121.67	0.84	ppb
Iron	56-2	139305.38	137407.04	136955.81	137889.41	0.90	ppb
Iron	57-2	139629.27	136187.12	138186.82	138001.07	1.25	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-10	Instrumnet Name :	P8
Client Sample ID :	DUP-0401	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 19:19:20	DataFile Name :	055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	843.17	862.52	841.55	849.08	1.37	ppb
Lead	207-1	841.14	834.88	804.16	826.73	2.39	ppb
Lead	208-1	834.87	827.44	818.17	826.83	1.01	ppb
Lithium	6-1				135		%
Magnesium	24-2	21445.32	21131.68	21413.09	21330.03	0.81	ppb
Manganese	55-2	5253.29	5207.52	5305.44	5255.42	0.93	ppb
Molybdenum	94-1	83.78	83.84	86.91	84.84	2.11	ppb
Molybdenum	95-1	14.20	13.51	13.92	13.88	2.51	ppb
Molybdenum	96-1	23.98	23.79	24.40	24.06	1.30	ppb
Molybdenum	97-1	13.66	13.49	14.09	13.74	2.24	ppb
Molybdenum	98-1	13.48	13.45	13.86	13.60	1.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	175.15	172.48	175.09	174.24	0.88	ppb
Phosphorus	31-2	2903.52	2841.96	2870.17	2871.88	1.07	ppb
Potassium	39-2	5683.74	5699.50	5754.21	5712.48	0.65	ppb
Rhodium	103-1				134		%
Rhodium	103-2				123		%
Scandium	45-1				145		%
Scandium	45-2				132		%
Selenium	82-1	16.88	15.98	16.47	16.44	2.75	ppb
Selenium	77-2	60.84	51.07	56.49	56.14	8.72	ppb
Selenium	78-2	21.75	20.63	20.50	20.96	3.27	ppb
Silicon	28-1	274.76	278.67	294.04	282.49	3.61	ppb
Silver	107-1	0.67	0.76	0.72	0.72	6.07	ppb
Silver	109-1	0.73	0.69	0.71	0.71	3.00	ppb
Sodium	23-2	750.84	724.26	722.26	732.45	2.18	ppb
Strontium	86-1	190.64	190.54	194.75	191.98	1.25	ppb
Strontium	88-1	189.34	195.67	198.24	194.42	2.36	ppb
Sulfur	34-1	5076.16	5415.18	6024.81	5505.38	8.73	ppb
Terbium	159-1				137		%
Terbium	159-2				129		%
Thallium	203-1	1.51	1.54	1.56	1.54	1.64	ppb
Thallium	205-1	1.55	1.53	1.58	1.55	1.73	ppb
Tin	118-1	9.31	9.90	10.25	9.82	4.83	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-10	Instrumnet Name :	P8
Client Sample ID :	DUP-0401	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 19:19:20	DataFile Name :	055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	548.00	537.26	571.35	552.20	3.16	ppb
Uranium	238-1	3.75	3.71	3.70	3.72	0.68	ppb
Vanadium	51-2	90.78	91.07	91.19	91.02	0.23	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				150		%
Yttrium	89-2				139		%
Zinc	66-2	1815.18	1779.88	1792.25	1795.77	1.00	ppb
Zirconium	90-1	38.79	38.03	39.78	38.87	2.26	ppb
Zirconium	91-1	37.78	38.05	39.43	38.42	2.31	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 19:29:20	DataFile Name :	056CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54164.03	56496.62	50961.11	53873.92	5.16	ppb
Antimony	121-1	507.85	496.11	508.54	504.17	1.39	ppb
Arsenic	75-2	480.78	518.58	486.21	495.19	4.13	ppb
Barium	135-1	2526.77	2433.43	2570.41	2510.21	2.79	ppb
Barium	137-1	2562.54	2451.31	2595.28	2536.38	2.98	ppb
Beryllium	9-1	531.86	515.49	510.10	519.15	2.18	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	330.50	326.57	335.21	330.76	1.31	ppb
Boron	11-1	305.98	317.10	315.50	312.86	1.92	ppb
Bromine	81-1						cps
Cadmium	111-1	477.53	461.39	491.76	476.89	3.19	ppb
Cadmium	106-1	479.98	475.08	493.61	482.89	1.99	ppb
Cadmium	108-1	489.39	469.15	493.52	484.02	2.69	ppb
Calcium	43-1	236597.93	243061.30	234991.32	238216.85	1.79	ppb
Calcium	44-1	243562.16	244379.06	246212.07	244717.77	0.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	485.39	509.09	473.23	489.24	3.73	ppb
Cobalt	59-2	498.03	530.04	483.43	503.83	4.73	ppb
Copper	63-2	5028.18	5325.95	4958.14	5104.09	3.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				97		%
Iron	54-2	128729.99	135127.50	126557.95	130138.48	3.42	ppb
Iron	56-2	127346.86	134910.31	125794.11	129350.43	3.77	ppb
Iron	57-2	131290.45	137742.36	130424.72	133152.51	3.00	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 19:29:20	DataFile Name :	056CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2481.32	2736.81	2646.09	2621.41	4.94	ppb
Lead	207-1	2552.10	2692.29	2681.68	2642.02	2.95	ppb
Lead	208-1	2547.80	2662.60	2644.97	2618.45	2.36	ppb
Lithium	6-1				113		%
Magnesium	24-2	270796.46	280347.75	258555.32	269899.84	4.05	ppb
Manganese	55-2	5002.33	5200.96	4861.41	5021.57	3.40	ppb
Molybdenum	94-1	5003.66	5132.99	4896.63	5011.09	2.36	ppb
Molybdenum	95-1	4976.55	5306.70	4912.36	5065.20	4.18	ppb
Molybdenum	96-1	5006.37	5273.47	4989.81	5089.88	3.13	ppb
Molybdenum	97-1	4960.30	5279.24	4963.60	5067.71	3.62	ppb
Molybdenum	98-1	4910.75	5088.62	4906.52	4968.63	2.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	494.92	516.00	486.15	499.03	3.07	ppb
Phosphorus	31-2	9609.36	10381.40	9841.17	9943.98	3.98	ppb
Potassium	39-2	126596.11	131043.64	124656.61	127432.12	2.57	ppb
Rhodium	103-1				98		%
Rhodium	103-2				94		%
Scandium	45-1				110		%
Scandium	45-2				102		%
Selenium	82-1	483.63	506.37	488.69	492.90	2.42	ppb
Selenium	77-2	489.64	540.46	487.57	505.89	5.92	ppb
Selenium	78-2	484.76	518.95	505.95	503.22	3.43	ppb
Silicon	28-1	282.43	294.30	296.31	291.01	2.58	ppb
Silver	107-1	509.69	488.55	509.36	502.53	2.41	ppb
Silver	109-1	507.98	490.59	516.61	505.06	2.62	ppb
Sodium	23-2	267554.87	280176.20	255695.28	267808.78	4.57	ppb
Strontium	86-1	485.04	515.50	489.28	496.61	3.32	ppb
Strontium	88-1	499.55	528.82	490.78	506.38	3.93	ppb
Sulfur	34-1	11356.84	11665.98	11595.17	11539.33	1.40	ppb
Terbium	159-1				111		%
Terbium	159-2				103		%
Thallium	203-1	534.14	552.76	551.72	546.21	1.92	ppb
Thallium	205-1	524.52	547.36	534.62	535.50	2.14	ppb
Tin	118-1	496.95	491.95	525.34	504.75	3.57	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 19:29:20	DataFile Name :	056CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5068.62	5170.30	5191.31	5143.41	1.28	ppb
Uranium	238-1	529.16	547.14	544.34	540.21	1.79	ppb
Vanadium	51-2	483.60	520.34	479.70	494.55	4.53	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				100		%
Zinc	66-2	5037.18	5476.93	4833.12	5115.74	6.43	ppb
Zirconium	90-1	489.92	506.80	494.71	497.15	1.75	ppb
Zirconium	91-1	488.24	506.96	493.02	496.07	1.96	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 19:38:00	DataFile Name :	057CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.54	0.27	1.12	1.97	114.50	ppb
Antimony	121-1	0.07	0.07	0.11	0.08	28.24	ppb
Arsenic	75-2	0.06	0.01	0.01	0.03	107.59	ppb
Barium	135-1	0.00	0.02	0.03	0.02	67.13	ppb
Barium	137-1	0.04	0.04	0.04	0.04	4.88	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	28.65	ppb
Bismuth	209-1				109		%
Bismuth	209-2				103		%
Boron	10-1	9.08	9.12	8.88	9.03	1.38	ppb
Boron	11-1	9.09	9.21	8.58	8.96	3.76	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.39	-0.03	-0.14	-0.18		ppb
Cadmium	106-1	-4.82	-0.56	-1.92	-2.43		ppb
Cadmium	108-1	0.04	0.11	0.13	0.09	53.36	ppb
Calcium	43-1	4.58	3.55	3.16	3.76	19.58	ppb
Calcium	44-1	3.29	2.11	1.95	2.45	29.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.00	0.03	0.03	89.11	ppb
Cobalt	59-2	0.03	0.00	0.00	0.01	254.01	ppb
Copper	63-2	0.46	0.06	0.14	0.22	94.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				97		%
Iron	54-2	16.49	1.56	1.73	6.59	130.00	ppb
Iron	56-2	15.97	1.82	2.40	6.73	118.92	ppb
Iron	57-2	13.53	1.19	0.53	5.08	144.04	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 19:38:00	DataFile Name :	057CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.12	0.11	0.11	0.11	4.24	ppb
Lead	207-1	0.10	0.11	0.09	0.10	9.27	ppb
Lead	208-1	0.10	0.09	0.08	0.09	9.26	ppb
Lithium	6-1				106		%
Magnesium	24-2	11.31	4.49	3.31	6.37	67.75	ppb
Manganese	55-2	0.42	0.08	0.10	0.20	95.72	ppb
Molybdenum	94-1	0.12	0.13	0.12	0.12	6.40	ppb
Molybdenum	95-1	0.09	0.09	0.09	0.09	1.98	ppb
Molybdenum	96-1	0.11	0.08	0.10	0.10	16.39	ppb
Molybdenum	97-1	0.14	0.08	0.13	0.12	26.47	ppb
Molybdenum	98-1	0.13	0.08	0.09	0.10	21.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	-0.02	-0.02	0.00	1142.99	ppb
Phosphorus	31-2	-10.04	-26.27	-9.91	-15.41		ppb
Potassium	39-2	-3.75	1.57	-4.40	-2.19		ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				98		%
Selenium	82-1	-0.12	-0.40	0.04	-0.16		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.19	1.18	0.25	0.41	169.55	ppb
Silicon	28-1	-0.35	-0.30	-0.19	-0.28		ppb
Silver	107-1	0.04	0.05	0.04	0.04	18.36	ppb
Silver	109-1	0.04	0.04	0.04	0.04	8.58	ppb
Sodium	23-2	19.51	15.47	9.72	14.90	33.03	ppb
Strontium	86-1	-0.04	-0.07	-0.04	-0.05		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	31.25	ppb
Sulfur	34-1	-1440.43	-1385.67	-1283.42	-1369.84		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.01	0.01	0.01	0.01	6.17	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	223.98	ppb
Tin	118-1	0.02	-0.01	0.00	0.00	2081.84	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 19:38:00	DataFile Name :	057CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.12	0.07	0.06	0.08	41.63	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	16.66	ppb
Vanadium	51-2	0.04	0.01	0.00	0.02	109.77	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				97		%
Zinc	66-2	0.67	0.28	0.16	0.37	71.36	ppb
Zirconium	90-1	0.02	0.00	0.01	0.01	63.05	ppb
Zirconium	91-1	0.04	0.02	0.03	0.03	42.48	ppb

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 15:23:54	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	102	89	96	96	7.18	cps
Antimony	121-1	108	67	83	86	24.35	cps
Arsenic	75-2	4	10	7	7	42.86	cps
Barium	135-1	17	50	33	33	50.00	cps
Barium	137-1	33	58	42	44	28.65	cps
Beryllium	9-1	48	42	60	50	18.33	cps
Bismuth	209-1	4696120	4809284	4782234	4762546	1.24	cps
Bismuth	209-2	2262572	2332619	2287490	2294227	1.55	cps
Boron	10-1	692	568	678	646	10.51	cps
Boron	11-1	2944	2722	2828	2831	3.92	cps
Bromine	81-1	47662	48657	47953	48091	1.06	cps
Cadmium	111-1	2374	2207	2477	2353	5.78	cps
Cadmium	106-1	3359	3117	3467	3314	5.41	cps
Cadmium	108-1	33	29	42	35	18.33	cps
Calcium	43-1	191	186	186	188	1.54	cps
Calcium	44-1	6861	6771	6796	6809	0.68	cps
Carbon	12-1	5098655	4993918	5060327	5050967	1.05	cps
Carbon	12-2	47678	50237	49150	49022	2.62	cps
Chlorine	35-1	140589	146557	143180	143442	2.09	cps
Chlorine	35-2	925	1008	933	956	4.80	cps
Chromium	52-2	657	677	597	643	6.47	cps
Cobalt	59-2	70	80	63	71	11.80	cps
Copper	63-2	553	513	567	544	5.10	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	3	7	10	7	50.03	cps
Erbium	164-1	75	42	83	67	33.07	cps
Erbium	164-2	27	30	17	24	28.38	cps
Gadolinium	160-1	25	33	17	25	33.32	cps
Gadolinium	160-2	30	37	37	34	11.18	cps
Holmium	165-1	8219120	8290331	8027443	8178965	1.66	cps
Holmium	165-2	3347794	3299473	3190435	3279234	2.46	cps
Indium	115-1	7538878	7466435	7406291	7470534	0.89	cps
Indium	115-2	1064644	1036991	1032610	1044748	1.66	cps
Iron	54-2	483	406	461	450	8.90	cps
Iron	56-2	4301	3778	4101	4060	6.49	cps
Iron	57-2	222	133	183	180	24.81	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 15:23:54	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	2515	2445	2516	2492	1.64	cps
Lead	206-1	617	628	589	611	3.28	cps
Lead	207-1	522	622	578	574	8.73	cps
Lead	208-1	2478	2567	2645	2563	3.25	cps
Lithium	6-1	5706975	5459629	5749115	5638573	2.77	cps
Magnesium	24-2	350	350	267	322	14.93	cps
Manganese	55-2	73	43	70	62	26.43	cps
Molybdenum	94-1	200	150	183	178	14.32	cps
Molybdenum	95-1	33	58	50	47	26.97	cps
Molybdenum	96-1	267	300	333	300	11.11	cps
Molybdenum	97-1	25	17	25	22	21.64	cps
Molybdenum	98-1	100	100	117	106	9.12	cps
Neodymium	150-1	20	0	13	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	90	57	103	83	28.84	cps
Phosphorus	31-2	50	67	42	53	24.12	cps
Potassium	39-2	15751	15175	14983	15303	2.61	cps
Rhodium	103-1	7418595	7321514	7358364	7366158	0.67	cps
Rhodium	103-2	2877794	2835840	2951305	2888313	2.02	cps
Scandium	45-1	6202388	6109254	5936514	6082719	2.22	cps
Scandium	45-2	159074	157639	155993	157569	0.98	cps
Selenium	82-1	80	0	-19	20	256.88	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	69	82	86	79	11.25	cps
Silicon	28-1	605529	606081	595612	602408	0.98	cps
Silver	107-1	67	100	117	94	26.96	cps
Silver	109-1	67	67	75	69	6.93	cps
Sodium	23-2	12172	12514	11738	12142	3.20	cps
Strontium	86-1	3992	4134	4176	4101	2.34	cps
Strontium	88-1	208	292	217	239	19.21	cps
Sulfur	34-1	328421	326761	328712	327965	0.32	cps
Terbium	159-1	8627682	8508624	8448569	8528291	1.07	cps
Terbium	159-2	3268902	3213043	3221930	3234625	0.93	cps
Thallium	203-1	350	350	375	358	4.03	cps
Thallium	205-1	825	975	1017	939	10.74	cps
Tin	118-1	892	808	933	878	7.25	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 15:23:54	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	183	225	175	194	13.78	cps
Uranium	238-1	42	8	58	36	70.51	cps
Vanadium	51-2	3	7	3	4	43.40	cps
Ytterbium	172-1	50	67	42	53	24.12	cps
Ytterbium	172-2	22	39	22	28	34.65	cps
Ytterbium	176-1	975	983	1158	1039	9.97	cps
Ytterbium	176-2	3367	3845	3828	3680	7.37	cps
Yttrium	89-1	12841649	12565208	12746125	12717661	1.10	cps
Yttrium	89-2	1222904	1201736	1209313	1211318	0.89	cps
Zinc	66-2	97	130	117	114	14.66	cps
Zirconium	90-1	708	467	500	558	23.46	cps
Zirconium	91-1	58	75	142	92	48.10	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 15:26:58	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1060	1050	1040	1050	0.95	cps
Antimony	121-1	9687	10062	10479	10076	3.93	cps
Arsenic	75-2	176	183	193	184	4.64	cps
Barium	135-1	13232	14133	13374	13579	3.57	cps
Barium	137-1	23220	23705	22928	23284	1.68	cps
Beryllium	9-1	2970	2994	3162	3042	3.44	cps
Bismuth	209-1	4956259	4806411	4750005	4837558	2.20	cps
Bismuth	209-2	2323760	2304539	2315516	2314605	0.42	cps
Boron	10-1	9807	10928	11174	10636	6.85	cps
Boron	11-1	44329	47054	47985	46456	4.09	cps
Bromine	81-1	48625	47842	49741	48736	1.96	cps
Cadmium	111-1	4150	4096	4153	4133	0.77	cps
Cadmium	106-1	3676	3409	3492	3526	3.87	cps
Cadmium	108-1	200	200	167	189	10.19	cps
Calcium	43-1	12345	12269	12434	12349	0.67	cps
Calcium	44-1	199665	200033	202521	200740	0.77	cps
Carbon	12-1	5078133	5005152	5029986	5037757	0.74	cps
Carbon	12-2	48598	48205	48481	48428	0.42	cps
Chlorine	35-1	132100	134422	133665	133396	0.89	cps
Chlorine	35-2	950	942	850	914	6.07	cps
Chromium	52-2	3727	3904	3841	3824	2.34	cps
Cobalt	59-2	2874	3124	3004	3000	4.17	cps
Copper	63-2	5268	5378	5074	5240	2.93	cps
Dysprosium	156-1	25	8	25	19	49.50	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	50	50	58	53	9.12	cps
Erbium	164-2	33	27	23	28	18.33	cps
Gadolinium	160-1	33	58	42	44	28.64	cps
Gadolinium	160-2	77	43	57	59	28.49	cps
Holmium	165-1	8077149	8048317	8111931	8079132	0.39	cps
Holmium	165-2	3205803	3206911	3401990	3271568	3.45	cps
Indium	115-1	7662228	7322618	7429014	7471287	2.32	cps
Indium	115-2	1054549	1053942	1053804	1054098	0.04	cps
Iron	54-2	4245	4379	4217	4280	2.01	cps
Iron	56-2	68994	70692	68626	69437	1.59	cps
Iron	57-2	1883	1817	1817	1839	2.09	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 15:26:58	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	2586	2507	2657	2584	2.90	cps
Lead	206-1	4495	4418	4151	4355	4.15	cps
Lead	207-1	3517	3895	4190	3867	8.72	cps
Lead	208-1	17605	18155	17805	17855	1.56	cps
Lithium	6-1	6112356	5752610	5925983	5930317	3.03	cps
Magnesium	24-2	71627	71066	69803	70832	1.32	cps
Manganese	55-2	973	1003	930	969	3.81	cps
Molybdenum	94-1	13148	13265	12648	13020	2.52	cps
Molybdenum	95-1	15109	16026	16619	15918	4.78	cps
Molybdenum	96-1	18538	18471	18020	18343	1.53	cps
Molybdenum	97-1	9679	10212	9754	9882	2.92	cps
Molybdenum	98-1	25399	25599	26301	25766	1.84	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	880	840	850	857	2.43	cps
Phosphorus	31-2	167	117	200	161	26.03	cps
Potassium	39-2	63583	64478	62963	63675	1.20	cps
Rhodium	103-1	7511910	7053002	7491063	7351992	3.52	cps
Rhodium	103-2	2862426	2886808	2882992	2877409	0.46	cps
Scandium	45-1	6061479	5847843	6252449	6053924	3.34	cps
Scandium	45-2	157882	162663	157923	159489	1.72	cps
Selenium	82-1	620	786	719	708	11.80	cps
Selenium	77-2	3	23	27	18	71.00	cps
Selenium	78-2	139	139	139	139	0.00	cps
Silicon	28-1	680725	674645	667339	674236	0.99	cps
Silver	107-1	8478	9095	8494	8689	4.05	cps
Silver	109-1	8161	8653	8545	8453	3.06	cps
Sodium	23-2	140618	136276	134359	137084	2.34	cps
Strontium	86-1	5960	6143	5868	5990	2.34	cps
Strontium	88-1	19080	19497	19472	19350	1.21	cps
Sulfur	34-1	320745	325201	325442	323796	0.82	cps
Terbium	159-1	8797945	8405523	8566865	8590111	2.30	cps
Terbium	159-2	3199429	3351075	3315618	3288707	2.41	cps
Thallium	203-1	4993	4893	4951	4946	1.02	cps
Thallium	205-1	11022	12373	11622	11672	5.80	cps
Tin	118-1	26109	26443	27294	26615	2.30	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 15:26:58	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5518	5910	5560	5662	3.80	cps
Uranium	238-1	13257	13424	14467	13716	4.78	cps
Vanadium	51-2	6235	6308	6345	6296	0.89	cps
Ytterbium	172-1	42	58	33	44	28.64	cps
Ytterbium	172-2	11	0	6	6	99.97	cps
Ytterbium	176-1	1067	883	1008	986	9.50	cps
Ytterbium	176-2	3412	3934	3701	3682	7.11	cps
Yttrium	89-1	12714152	12552560	12970824	12745845	1.65	cps
Yttrium	89-2	1210823	1228836	1217214	1218958	0.75	cps
Zinc	66-2	743	773	753	757	2.02	cps
Zirconium	90-1	11021	11046	11372	11146	1.75	cps
Zirconium	91-1	2375	2634	2542	2517	5.20	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 15:30:04	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	55739	54306	53798	54615	1.84	cps
Antimony	121-1	271340	271311	270017	270890	0.28	cps
Arsenic	75-2	8507	8523	8590	8540	0.52	cps
Barium	135-1	360334	361019	367408	362920	1.07	cps
Barium	137-1	642922	633486	647749	641385	1.13	cps
Beryllium	9-1	155457	156482	154246	155395	0.72	cps
Bismuth	209-1	4834399	4859122	4896003	4863175	0.64	cps
Bismuth	209-2	2276921	2328368	2371146	2325479	2.03	cps
Boron	10-1	78968	84647	86563	83393	4.74	cps
Boron	11-1	352285	363469	371781	362512	2.70	cps
Bromine	81-1	45743	46708	48073	46842	2.50	cps
Cadmium	111-1	92366	91683	93167	92405	0.80	cps
Cadmium	106-1	13674	13407	12840	13307	3.20	cps
Cadmium	108-1	7102	7031	7052	7062	0.52	cps
Calcium	43-1	130858	131942	131037	131279	0.44	cps
Calcium	44-1	2145805	2180045	2188281	2171377	1.04	cps
Carbon	12-1	5367282	5410052	5662971	5480101	2.92	cps
Carbon	12-2	54243	55096	53081	54140	1.87	cps
Chlorine	35-1	143954	142161	144248	143454	0.79	cps
Chlorine	35-2	817	825	900	847	5.42	cps
Chromium	52-2	84699	83009	82989	83566	1.17	cps
Cobalt	59-2	149404	152754	151371	151177	1.11	cps
Copper	63-2	1220704	1199706	1199356	1206589	1.01	cps
Dysprosium	156-1	25	33	25	28	17.31	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	58	75	75	69	13.86	cps
Erbium	164-2	13	27	10	17	52.93	cps
Gadolinium	160-1	83	75	58	72	17.63	cps
Gadolinium	160-2	53	70	77	67	18.03	cps
Holmium	165-1	8476057	8160986	8250484	8295842	1.96	cps
Holmium	165-2	3288463	3305698	3469929	3354697	2.99	cps
Indium	115-1	7612049	7450010	7437661	7499907	1.30	cps
Indium	115-2	1049277	1039369	1043868	1044171	0.48	cps
Iron	54-2	190786	191942	188340	190356	0.97	cps
Iron	56-2	3719179	3594553	3547497	3620410	2.45	cps
Iron	57-2	87607	86590	83957	86051	2.19	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 15:30:04	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	2530	2665	2521	2572	3.13	cps
Lead	206-1	1015647	1009396	1019224	1014756	0.49	cps
Lead	207-1	887690	898941	889899	892177	0.67	cps
Lead	208-1	4137806	4116701	4155281	4136596	0.47	cps
Lithium	6-1	6094317	5986695	6042170	6041061	0.89	cps
Magnesium	24-2	740718	737848	732905	737157	0.54	cps
Manganese	55-2	460520	451101	449869	453830	1.28	cps
Molybdenum	94-1	1208392	1195576	1164964	1189644	1.88	cps
Molybdenum	95-1	1727723	1748403	1661633	1712587	2.65	cps
Molybdenum	96-1	1841984	1860827	1822433	1841748	1.04	cps
Molybdenum	97-1	1056810	1041997	1022951	1040586	1.63	cps
Molybdenum	98-1	2781883	2690868	2716517	2729756	1.72	cps
Neodymium	150-1	27	53	33	38	36.73	cps
Neodymium	150-2	3	10	3	6	69.34	cps
Nickel	60-2	41989	41845	41477	41770	0.63	cps
Phosphorus	31-2	3292	2984	3250	3175	5.27	cps
Potassium	39-2	276172	272618	273872	274221	0.66	cps
Rhodium	103-1	7681801	7613269	7512389	7602486	1.12	cps
Rhodium	103-2	2861989	2901527	2929007	2897508	1.16	cps
Scandium	45-1	6173645	6340265	6325613	6279841	1.47	cps
Scandium	45-2	163191	160433	158090	160571	1.59	cps
Selenium	82-1	7993	7551	7988	7844	3.23	cps
Selenium	77-2	210	190	207	202	5.30	cps
Selenium	78-2	751	738	756	748	1.24	cps
Silicon	28-1	6982925	7093630	7132885	7069813	1.10	cps
Silver	107-1	472435	471706	456469	466870	1.93	cps
Silver	109-1	449890	443483	444586	445986	0.77	cps
Sodium	23-2	1456688	1430481	1471309	1452826	1.42	cps
Strontium	86-1	121736	119755	118694	120062	1.29	cps
Strontium	88-1	1024643	996270	1010265	1010393	1.40	cps
Sulfur	34-1	375831	372529	370024	372795	0.78	cps
Terbium	159-1	8839849	8788970	8587518	8738779	1.53	cps
Terbium	159-2	3325655	3315764	3323428	3321616	0.16	cps
Thallium	203-1	250496	249397	253080	250991	0.75	cps
Thallium	205-1	602898	587581	593484	594654	1.30	cps
Tin	118-1	267276	271935	265788	268333	1.20	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 15:30:04	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	589763	582028	582724	584838	0.73	cps
Uranium	238-1	745391	756598	738766	746919	1.21	cps
Vanadium	51-2	66919	66745	66172	66612	0.59	cps
Ytterbium	172-1	92	17	58	56	67.64	cps
Ytterbium	172-2	28	44	39	37	22.91	cps
Ytterbium	176-1	1925	2117	2117	2053	5.39	cps
Ytterbium	176-2	4001	3895	4206	4034	3.92	cps
Yttrium	89-1	13082154	12944542	12892323	12973006	0.76	cps
Yttrium	89-2	1219205	1225065	1224662	1222977	0.27	cps
Zinc	66-2	150817	150491	151532	150946	0.35	cps
Zirconium	90-1	628031	631985	614417	624811	1.48	cps
Zirconium	91-1	138496	140885	133658	137679	2.67	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 15:33:08	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	135302	131972	130693	132656	1.79	cps
Antimony	121-1	669614	665941	657158	664238	0.96	cps
Arsenic	75-2	21293	20661	20850	20935	1.55	cps
Barium	135-1	910308	912224	895959	906164	0.98	cps
Barium	137-1	1605515	1554019	1551411	1570315	1.94	cps
Beryllium	9-1	381429	380090	379653	380391	0.24	cps
Bismuth	209-1	5019349	4933118	5189700	5047389	2.59	cps
Bismuth	209-2	2397360	2320197	2363108	2360222	1.64	cps
Boron	10-1	152074	160819	168948	160614	5.25	cps
Boron	11-1	654711	696069	714414	688398	4.44	cps
Bromine	81-1	48204	43414	45915	45844	5.23	cps
Cadmium	111-1	225372	224603	224610	224862	0.20	cps
Cadmium	106-1	28898	27662	27027	27862	3.41	cps
Cadmium	108-1	16694	17499	16523	16905	3.08	cps
Calcium	43-1	327106	325081	324432	325540	0.43	cps
Calcium	44-1	5117835	5250129	5199826	5189263	1.29	cps
Carbon	12-1	5634696	5858552	6053424	5848891	3.58	cps
Carbon	12-2	59045	60015	57781	58947	1.90	cps
Chlorine	35-1	147321	147884	147491	147565	0.20	cps
Chlorine	35-2	883	967	783	878	10.46	cps
Chromium	52-2	209193	205024	200202	204806	2.20	cps
Cobalt	59-2	376132	371548	371938	373206	0.68	cps
Copper	63-2	3095875	2934508	2953812	2994732	2.94	cps
Dysprosium	156-1	58	58	58	58	0.01	cps
Dysprosium	156-2	20	10	10	13	43.30	cps
Erbium	164-1	125	92	75	97	26.19	cps
Erbium	164-2	30	37	37	34	11.18	cps
Gadolinium	160-1	117	83	75	92	24.05	cps
Gadolinium	160-2	50	57	43	50	13.34	cps
Holmium	165-1	8448871	8315329	8258606	8340935	1.17	cps
Holmium	165-2	3418227	3427222	3427795	3424415	0.16	cps
Indium	115-1	7616878	7705646	7662738	7661754	0.58	cps
Indium	115-2	1053679	1051361	1049266	1051435	0.21	cps
Iron	54-2	481616	473476	468186	474426	1.43	cps
Iron	56-2	8823319	8715318	8582018	8706885	1.39	cps
Iron	57-2	211044	211606	205775	209475	1.54	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 15:33:08	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	2569	2460	2514	2514	2.16	cps
Lead	206-1	2704228	2713631	2636705	2684855	1.56	cps
Lead	207-1	2318991	2337915	2350448	2335785	0.68	cps
Lead	208-1	10559149	10640406	10752266	10650607	0.91	cps
Lithium	6-1	6447207	5907547	5754854	6036536	6.03	cps
Magnesium	24-2	1894196	1886967	1853053	1878072	1.17	cps
Manganese	55-2	1118627	1113869	1098013	1110170	0.97	cps
Molybdenum	94-1	2911908	2867191	2849859	2876319	1.11	cps
Molybdenum	95-1	4199052	4129486	4053315	4127284	1.77	cps
Molybdenum	96-1	4489769	4459086	4498890	4482582	0.47	cps
Molybdenum	97-1	2594339	2503587	2536222	2544716	1.81	cps
Molybdenum	98-1	6810063	6688199	6499541	6665934	2.35	cps
Neodymium	150-1	67	60	133	87	46.79	cps
Neodymium	150-2	7	10	10	9	21.63	cps
Nickel	60-2	102389	101419	100569	101459	0.90	cps
Phosphorus	31-2	7794	7711	7435	7647	2.45	cps
Potassium	39-2	676931	660931	654588	664150	1.73	cps
Rhodium	103-1	7503643	7409746	7391210	7434866	0.81	cps
Rhodium	103-2	2884357	2936183	2894929	2905156	0.94	cps
Scandium	45-1	6224394	6014786	6197939	6145706	1.86	cps
Scandium	45-2	157942	160840	160102	159628	0.94	cps
Selenium	82-1	19450	19379	19492	19440	0.29	cps
Selenium	77-2	507	517	507	510	1.13	cps
Selenium	78-2	1722	1759	1792	1758	1.99	cps
Silicon	28-1	11875948	11911609	11934427	11907328	0.25	cps
Silver	107-1	1140293	1150878	1134846	1142006	0.71	cps
Silver	109-1	1100611	1096858	1047346	1081605	2.75	cps
Sodium	23-2	3525776	3497496	3440900	3488057	1.24	cps
Strontium	86-1	296242	299203	291163	295536	1.38	cps
Strontium	88-1	2469509	2514441	2485828	2489926	0.91	cps
Sulfur	34-1	439050	446574	439518	441714	0.95	cps
Terbium	159-1	8826631	8553103	9000322	8793352	2.56	cps
Terbium	159-2	3453322	3347662	3415054	3405346	1.57	cps
Thallium	203-1	629444	622103	631763	627770	0.80	cps
Thallium	205-1	1517712	1517591	1478945	1504749	1.49	cps
Tin	118-1	664168	666306	666065	665513	0.18	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 15:33:08	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1452424	1382504	1401987	1412305	2.55	cps
Uranium	238-1	1918431	1889502	1964618	1924184	1.97	cps
Vanadium	51-2	167043	166834	162067	165315	1.70	cps
Ytterbium	172-1	42	92	117	83	45.82	cps
Ytterbium	172-2	17	17	22	19	17.30	cps
Ytterbium	176-1	3876	3617	3476	3656	5.55	cps
Ytterbium	176-2	4668	4901	4940	4836	3.05	cps
Yttrium	89-1	12775565	12890891	12852077	12839511	0.46	cps
Yttrium	89-2	1221694	1229940	1201443	1217692	1.20	cps
Zinc	66-2	364075	359989	365574	363213	0.80	cps
Zirconium	90-1	1539930	1558334	1534893	1544386	0.80	cps
Zirconium	91-1	341787	337055	333742	337528	1.20	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 15:36:15	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	265558	257800	259431	260929	1.57	cps
Antimony	121-1	1344847	1374090	1347537	1355491	1.19	cps
Arsenic	75-2	41386	41657	40778	41274	1.09	cps
Barium	135-1	1842974	1858888	1871563	1857808	0.77	cps
Barium	137-1	3217148	3299787	3097247	3204728	3.18	cps
Beryllium	9-1	760248	758195	762865	760436	0.31	cps
Bismuth	209-1	5144298	5086289	4922095	5050894	2.28	cps
Bismuth	209-2	2303581	2339777	2354052	2332470	1.12	cps
Boron	10-1	258458	275437	274887	269594	3.58	cps
Boron	11-1	1103538	1175412	1159639	1146196	3.30	cps
Bromine	81-1	43995	41766	42780	42847	2.60	cps
Cadmium	111-1	436174	451529	449634	445779	1.88	cps
Cadmium	106-1	51413	52752	51505	51890	1.44	cps
Cadmium	108-1	33979	33424	33507	33637	0.89	cps
Calcium	43-1	668099	656381	662695	662392	0.89	cps
Calcium	44-1	10555651	10633820	10476848	10555440	0.74	cps
Carbon	12-1	6401458	6549192	6610606	6520419	1.65	cps
Carbon	12-2	66593	66652	68151	67132	1.32	cps
Chlorine	35-1	144921	142599	140143	142554	1.68	cps
Chlorine	35-2	1050	1075	992	1039	4.12	cps
Chromium	52-2	413564	401939	406488	407330	1.44	cps
Cobalt	59-2	751085	729684	724981	735250	1.89	cps
Copper	63-2	5972835	6091997	5989446	6018093	1.07	cps
Dysprosium	156-1	108	117	67	97	27.55	cps
Dysprosium	156-2	40	47	23	37	32.79	cps
Erbium	164-1	117	50	67	78	44.61	cps
Erbium	164-2	43	23	50	39	35.69	cps
Gadolinium	160-1	92	200	117	136	41.68	cps
Gadolinium	160-2	80	83	93	86	8.11	cps
Holmium	165-1	8539147	8502846	8623039	8555011	0.72	cps
Holmium	165-2	3458753	3372879	3361057	3397563	1.57	cps
Indium	115-1	7621545	7639580	7737407	7666177	0.81	cps
Indium	115-2	1038930	1035978	1026982	1033964	0.60	cps
Iron	54-2	938386	922307	920663	927119	1.06	cps
Iron	56-2	17650259	17244244	17296096	17396866	1.27	cps
Iron	57-2	422420	420474	417096	419997	0.64	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 15:36:15	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	2617	2612	2590	2607	0.56	cps
Lead	206-1	5317584	5452988	5417875	5396149	1.30	cps
Lead	207-1	4816917	4772866	4595384	4728389	2.48	cps
Lead	208-1	21627024	21287874	20950887	21288595	1.59	cps
Lithium	6-1	6050507	6352774	5931711	6111664	3.55	cps
Magnesium	24-2	3779996	3792108	3743898	3772000	0.66	cps
Manganese	55-2	2358281	2299841	2289319	2315814	1.60	cps
Molybdenum	94-1	5844811	5646080	5849527	5780139	2.01	cps
Molybdenum	95-1	8303180	8213089	8332388	8282886	0.75	cps
Molybdenum	96-1	9211040	9128127	8822429	9053865	2.26	cps
Molybdenum	97-1	5154986	5056679	4983885	5065184	1.70	cps
Molybdenum	98-1	13296023	13134183	12983682	13137963	1.19	cps
Neodymium	150-1	80	160	140	127	32.87	cps
Neodymium	150-2	10	10	17	12	31.50	cps
Nickel	60-2	200779	201053	198824	200219	0.61	cps
Phosphorus	31-2	15442	15200	15350	15331	0.80	cps
Potassium	39-2	1320226	1334170	1305738	1320045	1.08	cps
Rhodium	103-1	7297997	7339006	7257210	7298071	0.56	cps
Rhodium	103-2	2882554	2915180	2792293	2863342	2.22	cps
Scandium	45-1	6307466	6216423	6186528	6236806	1.01	cps
Scandium	45-2	159404	157801	158167	158457	0.53	cps
Selenium	82-1	37893	38702	37901	38165	1.22	cps
Selenium	77-2	913	1010	993	972	5.32	cps
Selenium	78-2	3360	3280	3165	3268	3.00	cps
Silicon	28-1	18904459	18146052	18357806	18469439	2.12	cps
Silver	107-1	2256482	2419060	2320195	2331912	3.51	cps
Silver	109-1	2220067	2236643	2279246	2245319	1.36	cps
Sodium	23-2	6875441	7077526	6856136	6936368	1.77	cps
Strontium	86-1	582537	585773	584244	584185	0.28	cps
Strontium	88-1	4926642	5028505	5053009	5002719	1.34	cps
Sulfur	34-1	564134	568910	565065	566036	0.45	cps
Terbium	159-1	8838073	9053722	8797782	8896526	1.55	cps
Terbium	159-2	3435036	3273756	3380346	3363046	2.44	cps
Thallium	203-1	1301482	1283150	1310615	1298416	1.08	cps
Thallium	205-1	3094563	3200072	3086574	3127070	2.03	cps
Tin	118-1	1364679	1364154	1331925	1353586	1.39	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 15:36:15	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2810185	2907249	2849795	2855743	1.71	cps
Uranium	238-1	4058614	3936251	3956660	3983842	1.65	cps
Vanadium	51-2	332288	325836	329983	329369	0.99	cps
Ytterbium	172-1	108	83	42	78	43.30	cps
Ytterbium	172-2	33	50	33	39	24.75	cps
Ytterbium	176-1	6835	6335	6118	6430	5.72	cps
Ytterbium	176-2	5735	6152	6118	6001	3.86	cps
Yttrium	89-1	13022797	13139241	12776141	12979393	1.43	cps
Yttrium	89-2	1202653	1221386	1185443	1203161	1.49	cps
Zinc	66-2	728785	726907	717185	724292	0.86	cps
Zirconium	90-1	3072378	3017390	2984860	3024876	1.46	cps
Zirconium	91-1	685234	682126	672372	679911	0.99	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 15:39:19	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	543487	544138	525984	537870	1.91	cps
Antimony	121-1	2824877	2822935	2819294	2822369	0.10	cps
Arsenic	75-2	85031	84111	82965	84036	1.23	cps
Barium	135-1	3838661	3794841	3818375	3817292	0.57	cps
Barium	137-1	6666452	6677071	6624048	6655857	0.42	cps
Beryllium	9-1	1554659	1539680	1552849	1549063	0.53	cps
Bismuth	209-1	5135835	5423454	5090061	5216450	3.46	cps
Bismuth	209-2	2057869	2299383	2338722	2231991	6.81	cps
Boron	10-1	784167	792631	790328	789042	0.55	cps
Boron	11-1	3313698	3451913	3643688	3469766	4.78	cps
Bromine	81-1	42299	46517	44707	44508	4.76	cps
Cadmium	111-1	902108	902485	895245	899946	0.45	cps
Cadmium	106-1	102918	105873	100518	103103	2.60	cps
Cadmium	108-1	70165	69608	66702	68825	2.70	cps
Calcium	43-1	1364055	1361744	1368450	1364750	0.25	cps
Calcium	44-1	21317435	21426178	21440112	21394575	0.31	cps
Carbon	12-1	6385157	6428024	6686654	6499945	2.51	cps
Carbon	12-2	64241	65103	63437	64260	1.30	cps
Chlorine	35-1	149393	153872	152238	151834	1.49	cps
Chlorine	35-2	942	933	1025	967	5.24	cps
Chromium	52-2	828790	815084	799509	814461	1.80	cps
Cobalt	59-2	1563718	1524919	1492067	1526902	2.35	cps
Copper	63-2	12193776	11555294	11619514	11789528	2.98	cps
Dysprosium	156-1	158	225	300	228	31.11	cps
Dysprosium	156-2	67	80	57	68	17.27	cps
Erbium	164-1	158	100	125	128	22.91	cps
Erbium	164-2	30	53	60	48	32.97	cps
Gadolinium	160-1	200	150	200	183	15.75	cps
Gadolinium	160-2	100	80	130	103	24.35	cps
Holmium	165-1	8635284	9040379	8986767	8887477	2.48	cps
Holmium	165-2	2905233	3402396	3543649	3283759	10.21	cps
Indium	115-1	7955449	8268286	7893172	8038969	2.50	cps
Indium	115-2	864930	1011586	1036111	970876	9.53	cps
Iron	54-2	1962099	1947038	1895490	1934876	1.81	cps
Iron	56-2	36189408	34895340	34580365	35221704	2.42	cps
Iron	57-2	853428	833551	828716	838565	1.56	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 15:39:19	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	2615	2634	2587	2612	0.89	cps
Lead	206-1	11348017	11287409	11240731	11292052	0.48	cps
Lead	207-1	9691383	9626367	9677786	9665179	0.35	cps
Lead	208-1	44672529	44905114	44010433	44529359	1.04	cps
Lithium	6-1	6280669	6175176	6456796	6304213	2.26	cps
Magnesium	24-2	7690337	7543486	7313470	7515764	2.53	cps
Manganese	55-2	4743720	4629226	4570344	4647763	1.90	cps
Molybdenum	94-1	12436039	11824505	11853625	12038056	2.87	cps
Molybdenum	95-1	17517398	17172036	16888360	17192598	1.83	cps
Molybdenum	96-1	18844713	18979029	18258717	18694153	2.05	cps
Molybdenum	97-1	10303875	10704755	10190090	10399573	2.60	cps
Molybdenum	98-1	27495349	27752719	26996866	27414978	1.40	cps
Neodymium	150-1	253	213	220	229	9.36	cps
Neodymium	150-2	33	30	37	33	10.01	cps
Nickel	60-2	405341	399094	401441	401959	0.79	cps
Phosphorus	31-2	30758	31218	30257	30744	1.56	cps
Potassium	39-2	2730375	2655193	2640435	2675334	1.80	cps
Rhodium	103-1	7393999	7522590	7347068	7421219	1.22	cps
Rhodium	103-2	2379349	2776645	2863476	2673157	9.66	cps
Scandium	45-1	6142010	6227875	6509467	6293117	3.05	cps
Scandium	45-2	135972	155180	158431	149861	8.10	cps
Selenium	82-1	77210	77928	77249	77462	0.52	cps
Selenium	77-2	1890	1960	2007	1952	3.01	cps
Selenium	78-2	6673	6581	6585	6613	0.79	cps
Silicon	28-1	61743083	60629728	59552924	60641912	1.81	cps
Silver	107-1	4731947	4846595	4523243	4700595	3.49	cps
Silver	109-1	4548629	4594430	4371343	4504801	2.62	cps
Sodium	23-2	14484298	14225996	13910207	14206834	2.02	cps
Strontium	86-1	1197543	1221191	1171613	1196782	2.07	cps
Strontium	88-1	10522443	10486763	9947423	10318876	3.12	cps
Sulfur	34-1	836070	829962	824484	830172	0.70	cps
Terbium	159-1	9613797	9246253	9370623	9410224	1.99	cps
Terbium	159-2	2834860	3397791	3396642	3209764	10.12	cps
Thallium	203-1	2828543	2836243	2752499	2805762	1.65	cps
Thallium	205-1	6514448	6493679	6166442	6391523	3.05	cps
Tin	118-1	2886616	2808366	2738016	2811000	2.64	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 15:39:19	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5936585	5711784	5690955	5779775	2.36	cps
Uranium	238-1	8217909	8651408	8223783	8364367	2.97	cps
Vanadium	51-2	680904	661153	649533	663863	2.39	cps
Ytterbium	172-1	133	58	67	86	47.74	cps
Ytterbium	172-2	28	67	50	48	40.52	cps
Ytterbium	176-1	13157	13057	12490	12901	2.79	cps
Ytterbium	176-2	7714	8236	8236	8062	3.74	cps
Yttrium	89-1	13559676	13932004	13143781	13545154	2.91	cps
Yttrium	89-2	1009328	1179031	1211099	1133152	9.57	cps
Zinc	66-2	1515013	1495013	1422203	1477410	3.31	cps
Zirconium	90-1	6466923	6500149	6197590	6388221	2.60	cps
Zirconium	91-1	1447771	1472297	1406404	1442158	2.31	cps

LB Number : LB119720 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2022-04-15 15:42:25 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1117303	1050736	1062792	1076944	3.29	cps
Antimony	121-1	5677879	5641757	5715786	5678474	0.65	cps
Arsenic	75-2	170373	168600	169703	169559	0.53	cps
Barium	135-1	8092715	7903503	7859277	7951832	1.56	cps
Barium	137-1	13453681	13497991	12994160	13315277	2.10	cps
Beryllium	9-1	3135053	3097252	3108889	3113731	0.62	cps
Bismuth	209-1	5185518	5381667	5225036	5264074	1.97	cps
Bismuth	209-2	2391610	2338856	2339269	2356578	1.29	cps
Boron	10-1	1066099	1126325	1129235	1107220	3.22	cps
Boron	11-1	4534851	4846639	4826971	4736154	3.69	cps
Bromine	81-1	44196	41655	45793	43881	4.75	cps
Cadmium	111-1	1820971	1840817	1812691	1824826	0.79	cps
Cadmium	106-1	198616	203459	203033	201702	1.33	cps
Cadmium	108-1	136081	134832	135872	135595	0.49	cps
Calcium	43-1	2867105	2769744	2845820	2827556	1.81	cps
Calcium	44-1	44848339	43641140	42660580	43716686	2.51	cps
Carbon	12-1	9294316	10358865	10718889	10124023	7.32	cps
Carbon	12-2	111983	115857	122216	116685	4.43	cps
Chlorine	35-1	144585	142422	145308	144105	1.04	cps
Chlorine	35-2	958	858	817	878	8.29	cps
Chromium	52-2	1744717	1720380	1740911	1735336	0.75	cps
Cobalt	59-2	3019078	3087414	3014155	3040216	1.35	cps
Copper	63-2	23711140	22991165	23122020	23274775	1.65	cps
Dysprosium	156-1	242	433	417	364	29.18	cps
Dysprosium	156-2	123	173	163	153	17.25	cps
Erbium	164-1	225	150	167	181	21.81	cps
Erbium	164-2	50	67	80	66	22.93	cps
Gadolinium	160-1	358	392	325	358	9.30	cps
Gadolinium	160-2	183	187	173	181	3.83	cps
Holmium	165-1	9269099	9367243	8951278	9195874	2.36	cps
Holmium	165-2	3532677	3525731	3521427	3526612	0.16	cps
Indium	115-1	8057535	8111540	7922194	8030423	1.21	cps
Indium	115-2	1042683	1036429	1056279	1045130	0.97	cps
Iron	54-2	3984888	4004498	3968208	3985865	0.46	cps
Iron	56-2	70132675	70159310	69463843	69918609	0.56	cps
Iron	57-2	1770524	1775244	1782498	1776089	0.34	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 15:42:25	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	2567	2582	2452	2534	2.81	cps
Lead	206-1	22370380	22420913	21920987	22237427	1.24	cps
Lead	207-1	19015424	19738396	18717460	19157093	2.74	cps
Lead	208-1	88297657	91221837	86681926	88733806	2.59	cps
Lithium	6-1	6536403	6099846	6505217	6380489	3.82	cps
Magnesium	24-2	15285258	14822152	15450572	15185994	2.15	cps
Manganese	55-2	9354208	9271170	9324791	9316723	0.45	cps
Molybdenum	94-1	24468339	24550284	24730377	24583000	0.55	cps
Molybdenum	95-1	34987237	34974881	35025516	34995878	0.08	cps
Molybdenum	96-1	38207833	38012279	37731627	37983913	0.63	cps
Molybdenum	97-1	21409990	21626980	21149000	21395323	1.12	cps
Molybdenum	98-1	57461424	55400097	57285891	56715804	2.01	cps
Neodymium	150-1	600	500	493	531	11.25	cps
Neodymium	150-2	37	73	77	62	35.67	cps
Nickel	60-2	802993	790252	802976	798741	0.92	cps
Phosphorus	31-2	62067	62837	62185	62363	0.67	cps
Potassium	39-2	5377366	5248601	5330892	5318953	1.23	cps
Rhodium	103-1	7516086	7727722	7536060	7593289	1.54	cps
Rhodium	103-2	2880769	2859066	2895787	2878541	0.64	cps
Scandium	45-1	6476963	6596665	6439434	6504354	1.26	cps
Scandium	45-2	162849	160788	163630	162422	0.90	cps
Selenium	82-1	156871	159008	156590	157490	0.84	cps
Selenium	77-2	3897	3971	4041	3969	1.81	cps
Selenium	78-2	13249	13170	13100	13173	0.56	cps
Silicon	28-1	71851570	72692093	69066268	71203311	2.67	cps
Silver	107-1	9204751	9180162	9328526	9237813	0.86	cps
Silver	109-1	8754271	8500591	8605553	8620138	1.48	cps
Sodium	23-2	29048240	27327767	28384151	28253386	3.07	cps
Strontium	86-1	2550714	2539150	2456650	2515505	2.04	cps
Strontium	88-1	21422574	21446717	20570085	21146459	2.36	cps
Sulfur	34-1	1177765	1181830	1150919	1170171	1.44	cps
Terbium	159-1	9448212	9698966	9552329	9566502	1.32	cps
Terbium	159-2	3496078	3469198	3477975	3481084	0.39	cps
Thallium	203-1	5689407	5332324	5465455	5495729	3.28	cps
Thallium	205-1	12718786	12864702	12709609	12764366	0.68	cps
Tin	118-1	5557219	5512475	5614425	5561373	0.92	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 15:42:25	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	11904022	11449470	11612554	11655349	1.98	cps
Uranium	238-1	17350090	17354804	17333945	17346280	0.06	cps
Vanadium	51-2	1434930	1360035	1383193	1392719	2.75	cps
Ytterbium	172-1	117	117	133	122	7.87	cps
Ytterbium	172-2	44	72	72	63	25.46	cps
Ytterbium	176-1	24448	24582	24724	24585	0.56	cps
Ytterbium	176-2	12968	12456	13707	13044	4.82	cps
Yttrium	89-1	14041311	13638540	13685299	13788383	1.60	cps
Yttrium	89-2	1250701	1227039	1235216	1237652	0.97	cps
Zinc	66-2	2903153	2926456	2968542	2932717	1.13	cps
Zirconium	90-1	13077539	12651748	12691167	12806818	1.84	cps
Zirconium	91-1	2919943	2908311	2880082	2902779	0.71	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 15:45:29	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5270300	5263683	5201307	5245097	0.73	cps
Antimony	121-1	2484	2875	3117	2825	11.31	cps
Arsenic	75-2	81	61	53	65	22.18	cps
Barium	135-1	3976	3709	3842	3842	3.47	cps
Barium	137-1	6794	6744	6652	6730	1.07	cps
Beryllium	9-1	442	404	510	452	11.88	cps
Bismuth	209-1	4580924	4471650	4545881	4532819	1.23	cps
Bismuth	209-2	2161062	2083522	2152964	2132516	2.00	cps
Boron	10-1	95414	89428	82478	89106	7.27	cps
Boron	11-1	413718	380754	360810	385094	6.94	cps
Bromine	81-1	41244	41917	44125	42429	3.55	cps
Cadmium	111-1	2736	2783	2730	2750	1.06	cps
Cadmium	106-1	3267	3409	3275	3317	2.40	cps
Cadmium	108-1	163	171	125	153	15.98	cps
Calcium	43-1	13515853	13346550	13460825	13441076	0.64	cps
Calcium	44-1	211116141	217293574	211646974	213352230	1.60	cps
Carbon	12-1	8075866	8236363	7997484	8103238	1.50	cps
Carbon	12-2	81123	80697	79071	80297	1.35	cps
Chlorine	35-1	138542	139267	137643	138484	0.59	cps
Chlorine	35-2	867	942	917	908	4.20	cps
Chromium	52-2	14971	14731	15485	15063	2.56	cps
Cobalt	59-2	8302	7819	7812	7978	3.52	cps
Copper	63-2	6532	5911	6308	6250	5.03	cps
Dysprosium	156-1	758	867	708	778	10.41	cps
Dysprosium	156-2	230	193	290	238	20.52	cps
Erbium	164-1	92	133	108	111	18.88	cps
Erbium	164-2	47	37	47	43	13.32	cps
Gadolinium	160-1	492	517	358	456	18.68	cps
Gadolinium	160-2	247	263	267	259	4.14	cps
Holmium	165-1	9219340	9190001	9094805	9168049	0.71	cps
Holmium	165-2	3418725	3410025	3457035	3428595	0.73	cps
Indium	115-1	7739893	7586028	7593017	7639646	1.14	cps
Indium	115-2	1033805	1009195	1023733	1022244	1.21	cps
Iron	54-2	18683211	17486641	18491584	18220479	3.53	cps
Iron	56-2	340769430	329437985	334062563	334756659	1.70	cps
Iron	57-2	8232090	8141826	8293518	8222478	0.93	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 15:45:29	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	2697	2620	2605	2641	1.88	cps
Lead	206-1	5540	5129	5285	5318	3.90	cps
Lead	207-1	4812	4490	4868	4723	4.32	cps
Lead	208-1	21624	20451	20368	20814	3.38	cps
Lithium	6-1	6000896	5716479	5759632	5825669	2.63	cps
Magnesium	24-2	70615958	69616039	69465579	69899192	0.89	cps
Manganese	55-2	4758	4751	4647	4719	1.31	cps
Molybdenum	94-1	9437	8536	8353	8775	6.61	cps
Molybdenum	95-1	10121	9812	10246	10060	2.22	cps
Molybdenum	96-1	31203	29942	31378	30841	2.54	cps
Molybdenum	97-1	6210	5718	6127	6018	4.37	cps
Molybdenum	98-1	16519	14600	15092	15403	6.47	cps
Neodymium	150-1	53	27	87	56	54.11	cps
Neodymium	150-2	17	20	17	18	10.81	cps
Nickel	60-2	6655	6281	6505	6480	2.90	cps
Phosphorus	31-2	125	50	33	69	70.32	cps
Potassium	39-2	26170631	26101267	26451220	26241039	0.71	cps
Rhodium	103-1	7003915	6760221	6732459	6832198	2.19	cps
Rhodium	103-2	2694767	2668285	2730315	2697789	1.15	cps
Scandium	45-1	6348152	6251355	6215791	6271766	1.09	cps
Scandium	45-2	160428	163787	160992	161736	1.11	cps
Selenium	82-1	174	168	334	225	41.88	cps
Selenium	77-2	7	0	10	6	91.64	cps
Selenium	78-2	77	70	69	72	6.05	cps
Silicon	28-1	1126819	1129954	1068238	1108337	3.14	cps
Silver	107-1	4176	3842	3751	3923	5.70	cps
Silver	109-1	3901	3401	3409	3570	8.02	cps
Sodium	23-2	134498203	132806011	131054899	132786371	1.30	cps
Strontium	86-1	20607	20824	20632	20688	0.57	cps
Strontium	88-1	140025	140236	137610	139290	1.05	cps
Sulfur	34-1	261852	265411	272540	266601	2.04	cps
Terbium	159-1	9178636	9249643	9173396	9200559	0.46	cps
Terbium	159-2	3438558	3404799	3358411	3400589	1.18	cps
Thallium	203-1	2292	2434	2325	2350	3.15	cps
Thallium	205-1	5160	5026	5043	5076	1.43	cps
Tin	118-1	3492	3534	3584	3537	1.30	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 15:45:29	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2034	1750	1950	1911	7.62	cps
Uranium	238-1	1934	1642	1792	1789	8.15	cps
Vanadium	51-2	250	263	217	243	9.88	cps
Ytterbium	172-1	175	192	217	194	10.79	cps
Ytterbium	172-2	67	94	72	78	18.90	cps
Ytterbium	176-1	975	1242	1083	1100	12.19	cps
Ytterbium	176-2	3834	3917	3862	3871	1.10	cps
Yttrium	89-1	13399992	13671039	13225720	13432250	1.67	cps
Yttrium	89-2	1244449	1222659	1242178	1236429	0.97	cps
Zinc	66-2	2897	2960	2880	2913	1.45	cps
Zirconium	90-1	6502	6427	6493	6474	0.64	cps
Zirconium	91-1	1542	1408	1375	1442	6.12	cps

LB Number : LB119720 Operator : Jaswal
 Lab Sample ID : ICV32 Instrumnet Name : P8
 Client Sample ID : ICV32 Dilution Factor : 1
 Date & Time Acquired :: 2022-04-15 16:11:55 DataFile Name : 013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	26098	26209	25766	26024	0.89	cps
Antimony	121-1	1063657	1085860	1062449	1070655	1.23	cps
Arsenic	75-2	34063	33908	34050	34007	0.25	cps
Barium	135-1	148289	146883	141547	145573	2.44	cps
Barium	137-1	253324	253327	253066	253239	0.06	cps
Beryllium	9-1	302327	309343	305083	305584	1.16	cps
Bismuth	209-1	5123307	5036978	5203283	5121190	1.62	cps
Bismuth	209-2	2393859	2420867	2421960	2412228	0.66	cps
Boron	10-1	213188	231416	244769	229791	6.90	cps
Boron	11-1	899710	953658	1049506	967625	7.84	cps
Bromine	81-1	45712	44660	46065	45479	1.61	cps
Cadmium	111-1	185737	191463	188294	188498	1.52	cps
Cadmium	106-1	34586	36975	36399	35987	3.47	cps
Cadmium	108-1	18721	18434	19268	18808	2.25	cps
Calcium	43-1	62680	62316	62437	62478	0.30	cps
Calcium	44-1	924161	931048	911198	922136	1.09	cps
Carbon	12-1	5930044	6030705	6240293	6067014	2.61	cps
Carbon	12-2	60776	61178	61638	61198	0.70	cps
Chlorine	35-1	149291	149081	151447	149939	0.87	cps
Chlorine	35-2	867	867	825	853	2.82	cps
Chromium	52-2	164054	168192	163515	165254	1.55	cps
Cobalt	59-2	303578	306742	301002	303774	0.95	cps
Copper	63-2	229830	228229	231112	229724	0.63	cps
Dysprosium	156-1	33	33	58	42	34.64	cps
Dysprosium	156-2	0	10	0	3	173.21	cps
Erbium	164-1	83	75	92	83	10.00	cps
Erbium	164-2	27	17	20	21	24.12	cps
Gadolinium	160-1	42	67	67	58	24.74	cps
Gadolinium	160-2	40	50	60	50	20.00	cps
Holmium	165-1	8511256	8309071	8650605	8490310	2.02	cps
Holmium	165-2	3441095	3460564	3413276	3438311	0.69	cps
Indium	115-1	7906753	7881455	7661008	7816405	1.73	cps
Indium	115-2	1069158	1064796	1060597	1064850	0.40	cps
Iron	54-2	155153	153154	152070	153459	1.02	cps
Iron	56-2	2755616	2712455	2716671	2728247	0.87	cps
Iron	57-2	66142	66343	65478	65988	0.69	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	ICV32	Instrumnet Name :	P8
Client Sample ID :	ICV32	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 16:11:55	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	2600	2555	2557	2571	0.98	cps
Lead	206-1	853767	866919	854698	858461	0.85	cps
Lead	207-1	706468	716639	720019	714375	0.99	cps
Lead	208-1	3383260	3399050	3445558	3409289	0.95	cps
Lithium	6-1	6215971	6234949	6209178	6220033	0.21	cps
Magnesium	24-2	165548	165252	160578	163792	1.70	cps
Manganese	55-2	93957	92468	91977	92801	1.11	cps
Molybdenum	94-1	3395776	3430424	3259380	3361860	2.69	cps
Molybdenum	95-1	1896610	1871905	1852215	1873577	1.19	cps
Molybdenum	96-1	2398755	2386070	2417142	2400655	0.65	cps
Molybdenum	97-1	1140532	1159807	1126893	1142411	1.45	cps
Molybdenum	98-1	2949815	3056279	2906329	2970808	2.60	cps
Neodymium	150-1	47	20	20	29	53.30	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	89654	88846	88148	88883	0.85	cps
Phosphorus	31-2	67	50	50	56	17.32	cps
Potassium	39-2	231446	230999	227352	229932	0.98	cps
Rhodium	103-1	7766455	7826377	7459946	7684259	2.56	cps
Rhodium	103-2	2946352	3008610	2997985	2984316	1.12	cps
Scandium	45-1	6595907	6590995	6350454	6512452	2.15	cps
Scandium	45-2	161990	164297	163962	163416	0.76	cps
Selenium	82-1	31938	32333	32493	32255	0.89	cps
Selenium	77-2	770	800	807	792	2.47	cps
Selenium	78-2	2752	2663	2699	2704	1.66	cps
Silicon	28-1	3647808	3692715	3803291	3714605	2.15	cps
Silver	107-1	457021	460256	454928	457401	0.59	cps
Silver	109-1	425467	433364	433075	430635	1.04	cps
Sodium	23-2	537566	535614	528971	534051	0.84	cps
Strontium	86-1	1279520	1331131	1302014	1304222	1.98	cps
Strontium	88-1	11072203	11095985	10695715	10954634	2.05	cps
Sulfur	34-1	288405	289238	291846	289830	0.62	cps
Terbium	159-1	9357350	8826413	9113523	9099096	2.92	cps
Terbium	159-2	3424288	3346677	3384999	3385321	1.15	cps
Thallium	203-1	1093866	1134727	1085766	1104787	2.38	cps
Thallium	205-1	2653520	2705020	2653343	2670627	1.12	cps
Tin	118-1	2934192	2955445	2864139	2917926	1.64	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	ICV32	Instrumnet Name :	P8
Client Sample ID :	ICV32	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 16:11:55	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	633874	650786	631860	638840	1.63	cps
Uranium	238-1	8544479	8210931	8312829	8356080	2.05	cps
Vanadium	51-2	139678	141048	138086	139604	1.06	cps
Ytterbium	172-1	58	67	33	53	32.88	cps
Ytterbium	172-2	22	17	61	33	72.64	cps
Ytterbium	176-1	12139	12882	12181	12401	3.36	cps
Ytterbium	176-2	8114	8508	8292	8305	2.38	cps
Yttrium	89-1	13407164	13513379	13206016	13375520	1.17	cps
Yttrium	89-2	1216653	1255506	1230794	1234317	1.59	cps
Zinc	66-2	57567	57667	57586	57607	0.09	cps
Zirconium	90-1	6429198	6656909	6297588	6461232	2.81	cps
Zirconium	91-1	1481117	1482473	1438426	1467338	1.71	cps

LB Number : LB119720 Operator : Jaswal
 Lab Sample ID : LLICV Instrumnet Name : P8
 Client Sample ID : LLICV Dilution Factor : 1
 Date & Time Acquired :: 2022-04-15 16:18:42 DataFile Name : 014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1095	1049	1105	1083	2.77	cps
Antimony	121-1	11130	11138	11038	11102	0.50	cps
Arsenic	75-2	178	171	185	178	3.93	cps
Barium	135-1	14158	14316	14258	14244	0.56	cps
Barium	137-1	24673	24289	24631	24531	0.86	cps
Beryllium	9-1	3164	3326	3336	3275	2.95	cps
Bismuth	209-1	5007720	5008795	4845793	4954103	1.89	cps
Bismuth	209-2	2347518	2349522	2358757	2351932	0.25	cps
Boron	10-1	20362	20993	20701	20685	1.53	cps
Boron	11-1	87665	88330	90793	88929	1.85	cps
Bromine	81-1	44970	42499	44037	43835	2.85	cps
Cadmium	111-1	4173	3938	3537	3883	8.28	cps
Cadmium	106-1	3401	3417	2859	3225	9.85	cps
Cadmium	108-1	171	238	204	204	16.33	cps
Calcium	43-1	12883	12957	12679	12840	1.12	cps
Calcium	44-1	209259	208620	210230	209370	0.39	cps
Carbon	12-1	5109124	5193851	5209867	5170947	1.05	cps
Carbon	12-2	50044	48790	47845	48893	2.26	cps
Chlorine	35-1	111478	110958	109976	110804	0.69	cps
Chlorine	35-2	758	633	775	722	10.72	cps
Chromium	52-2	3697	3734	3821	3751	1.69	cps
Cobalt	59-2	2894	3020	2964	2959	2.14	cps
Copper	63-2	5278	4968	5224	5157	3.22	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	58	150	50	86	64.44	cps
Erbium	164-2	40	30	30	33	17.32	cps
Gadolinium	160-1	17	42	42	33	43.30	cps
Gadolinium	160-2	70	70	50	63	18.23	cps
Holmium	165-1	8436571	8333941	7915715	8228742	3.35	cps
Holmium	165-2	3305550	3250338	3329858	3295249	1.24	cps
Indium	115-1	7778317	7770317	7372035	7640223	3.04	cps
Indium	115-2	1017131	1047775	1031352	1032086	1.49	cps
Iron	54-2	4090	4312	4112	4171	2.94	cps
Iron	56-2	68012	69279	68553	68615	0.93	cps
Iron	57-2	1656	1978	1756	1796	9.18	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 16:18:42	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	2514	2521	2502	2512	0.38	cps
Lead	206-1	4918	4912	4684	4838	2.75	cps
Lead	207-1	4156	4056	4240	4151	2.21	cps
Lead	208-1	19567	19050	18778	19132	2.10	cps
Lithium	6-1	6043996	5869726	6016848	5976857	1.57	cps
Magnesium	24-2	69835	72138	72230	71401	1.90	cps
Manganese	55-2	983	920	1027	977	5.49	cps
Molybdenum	94-1	13282	14266	13707	13752	3.59	cps
Molybdenum	95-1	17462	17111	17645	17406	1.56	cps
Molybdenum	96-1	18204	19790	18905	18966	4.19	cps
Molybdenum	97-1	9804	10738	10888	10476	5.61	cps
Molybdenum	98-1	26618	27361	26543	26841	1.69	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	850	873	943	889	5.46	cps
Phosphorus	31-2	117	108	58	94	33.40	cps
Potassium	39-2	63867	62444	63465	63259	1.16	cps
Rhodium	103-1	7560330	7655511	7164015	7459952	3.49	cps
Rhodium	103-2	2840705	2925086	2886037	2883943	1.46	cps
Scandium	45-1	6294848	6282779	6117155	6231594	1.59	cps
Scandium	45-2	155101	157066	161914	158027	2.22	cps
Selenium	82-1	730	755	741	742	1.69	cps
Selenium	77-2	17	17	40	24	55.10	cps
Selenium	78-2	121	151	146	139	11.54	cps
Silicon	28-1	705464	709099	710643	708402	0.38	cps
Silver	107-1	9053	9629	9228	9303	3.17	cps
Silver	109-1	9153	9245	9270	9223	0.67	cps
Sodium	23-2	141646	139828	140072	140515	0.70	cps
Strontium	86-1	6168	6377	6360	6302	1.84	cps
Strontium	88-1	19681	20265	20073	20007	1.49	cps
Sulfur	34-1	300064	294622	296319	297002	0.94	cps
Terbium	159-1	8840702	9048790	8417218	8768903	3.67	cps
Terbium	159-2	3256657	3385528	3284413	3308866	2.05	cps
Thallium	203-1	5059	5710	5451	5407	6.06	cps
Thallium	205-1	13074	12314	12540	12643	3.08	cps
Tin	118-1	26426	26986	25992	26468	1.88	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 16:18:42	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5768	6101	5701	5857	3.66	cps
Uranium	238-1	15110	14567	14817	14831	1.83	cps
Vanadium	51-2	6618	6325	6288	6410	2.82	cps
Ytterbium	172-1	25	33	92	50	72.65	cps
Ytterbium	172-2	22	33	39	31	26.96	cps
Ytterbium	176-1	883	958	875	906	5.07	cps
Ytterbium	176-2	3273	3990	3756	3673	9.95	cps
Yttrium	89-1	13196411	12981432	12510818	12896221	2.72	cps
Yttrium	89-2	1166433	1197979	1204046	1189486	1.70	cps
Zinc	66-2	710	740	707	719	2.55	cps
Zirconium	90-1	12422	12539	11880	12281	2.86	cps
Zirconium	91-1	2667	2484	2692	2614	4.35	cps

LB Number : LB119720 Operator : Jaswal
 Lab Sample ID : ICB32 Instrumnet Name : P8
 Client Sample ID : ICB32 Dilution Factor : 1
 Date & Time Acquired :: 2022-04-15 16:21:45 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	87	121	110	106	16.18	cps
Antimony	121-1	183	175	333	231	38.65	cps
Arsenic	75-2	10	5	13	9	43.30	cps
Barium	135-1	50	33	17	33	50.00	cps
Barium	137-1	133	83	92	103	26.06	cps
Beryllium	9-1	78	76	84	79	5.24	cps
Bismuth	209-1	4968455	5015128	5082341	5021975	1.14	cps
Bismuth	209-2	2331245	2380918	2367923	2360029	1.09	cps
Boron	10-1	9011	8841	8557	8803	2.61	cps
Boron	11-1	38898	37296	35831	37342	4.11	cps
Bromine	81-1	44497	45140	42801	44146	2.74	cps
Cadmium	111-1	2010	2195	2182	2129	4.86	cps
Cadmium	106-1	2867	3125	3050	3014	4.41	cps
Cadmium	108-1	79	67	58	68	15.41	cps
Calcium	43-1	362	284	320	322	12.24	cps
Calcium	44-1	8667	8830	8664	8720	1.09	cps
Carbon	12-1	6457527	6970507	7214259	6880765	5.61	cps
Carbon	12-2	72362	73853	73828	73348	1.16	cps
Chlorine	35-1	141844	142036	143802	142561	0.76	cps
Chlorine	35-2	725	958	933	872	14.69	cps
Chromium	52-2	703	730	637	690	6.97	cps
Cobalt	59-2	60	47	30	46	32.99	cps
Copper	63-2	680	707	700	696	2.00	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	58	42	100	67	45.07	cps
Erbium	164-2	23	23	20	22	8.65	cps
Gadolinium	160-1	67	50	33	50	33.34	cps
Gadolinium	160-2	67	40	87	64	36.33	cps
Holmium	165-1	8612928	8500982	8187448	8433786	2.62	cps
Holmium	165-2	3371346	3272079	3272208	3305211	1.73	cps
Indium	115-1	7774258	7825426	7714050	7771244	0.72	cps
Indium	115-2	1061774	1051875	1055723	1056457	0.47	cps
Iron	54-2	850	744	778	791	6.82	cps
Iron	56-2	9737	9709	9876	9774	0.91	cps
Iron	57-2	356	300	172	276	34.07	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	ICB32	Instrumnet Name :	P8
Client Sample ID :	ICB32	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 16:21:45	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	2555	2596	2602	2585	1.00	cps
Lead	206-1	883	894	833	870	3.74	cps
Lead	207-1	867	983	761	870	12.77	cps
Lead	208-1	3578	3617	3395	3530	3.36	cps
Lithium	6-1	6182417	6421301	6043078	6215598	3.08	cps
Magnesium	24-2	558	458	492	503	10.13	cps
Manganese	55-2	180	197	210	196	7.69	cps
Molybdenum	94-1	367	267	325	319	15.72	cps
Molybdenum	95-1	192	183	92	156	35.67	cps
Molybdenum	96-1	558	567	500	542	6.71	cps
Molybdenum	97-1	133	150	83	122	28.39	cps
Molybdenum	98-1	308	267	192	256	23.13	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	57	80	57	64	20.90	cps
Phosphorus	31-2	83	100	100	94	10.18	cps
Potassium	39-2	14274	14157	14307	14246	0.55	cps
Rhodium	103-1	7727876	7531336	7444320	7567844	1.92	cps
Rhodium	103-2	2882799	2966095	2935273	2928056	1.44	cps
Scandium	45-1	6443771	6270288	6195848	6303302	2.02	cps
Scandium	45-2	159669	157327	158866	158621	0.75	cps
Selenium	82-1	-26	-108	-43	-59	-73.19	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	77	80	92	83	9.56	cps
Silicon	28-1	690788	693731	692135	692218	0.21	cps
Silver	107-1	250	233	283	256	9.96	cps
Silver	109-1	217	242	192	217	11.54	cps
Sodium	23-2	13006	12506	13331	12948	3.21	cps
Strontium	86-1	3409	3751	4176	3778	10.17	cps
Strontium	88-1	600	500	525	542	9.61	cps
Sulfur	34-1	291268	296414	299067	295583	1.34	cps
Terbium	159-1	8736966	8728498	8860756	8775407	0.84	cps
Terbium	159-2	3293555	3338830	3332096	3321494	0.74	cps
Thallium	203-1	408	417	467	431	7.33	cps
Thallium	205-1	975	1033	1092	1033	5.65	cps
Tin	118-1	1142	1158	1033	1111	6.11	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	ICB32	Instrumnet Name :	P8
Client Sample ID :	ICB32	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 16:21:45	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	208	342	317	289	24.53	cps
Uranium	238-1	92	125	117	111	15.61	cps
Vanadium	51-2	10	13	3	9	57.30	cps
Ytterbium	172-1	33	58	42	44	28.64	cps
Ytterbium	172-2	11	28	28	22	43.31	cps
Ytterbium	176-1	1133	1083	1025	1081	5.02	cps
Ytterbium	176-2	3628	3778	3895	3767	3.55	cps
Yttrium	89-1	13003044	13032287	13066200	13033844	0.24	cps
Yttrium	89-2	1215217	1208480	1199652	1207783	0.65	cps
Zinc	66-2	130	147	140	139	6.04	cps
Zirconium	90-1	600	667	750	672	11.18	cps
Zirconium	91-1	125	133	142	133	6.25	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	ICSA32	Instrumnet Name :	P8
Client Sample ID :	ICSA32	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 16:24:50	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5431606	5436314	5373480	5413800	0.65	cps
Antimony	121-1	7077	6710	7244	7010	3.89	cps
Arsenic	75-2	65	67	58	63	7.46	cps
Barium	135-1	2600	2442	2484	2509	3.27	cps
Barium	137-1	4034	4117	3667	3940	6.08	cps
Beryllium	9-1	974	1010	958	981	2.72	cps
Bismuth	209-1	4904525	4980475	5016359	4967119	1.15	cps
Bismuth	209-2	2297096	2288579	2301828	2295834	0.29	cps
Boron	10-1	7534	7436	7038	7336	3.58	cps
Boron	11-1	32664	31674	30628	31655	3.22	cps
Bromine	81-1	45201	46798	45904	45968	1.74	cps
Cadmium	111-1	2882	2651	2680	2738	4.60	cps
Cadmium	106-1	3175	3017	2775	2989	6.74	cps
Cadmium	108-1	1267	1213	1208	1229	2.65	cps
Calcium	43-1	2937608	2875275	2791182	2868022	2.56	cps
Calcium	44-1	46128008	46761611	43627375	45505665	3.64	cps
Carbon	12-1	28654265	28879715	28709659	28747880	0.41	cps
Carbon	12-2	262533	264666	270701	265966	1.59	cps
Chlorine	35-1	9733657	12164548	13659954	11852720	16.72	cps
Chlorine	35-2	100432	107500	116896	108276	7.63	cps
Chromium	52-2	35437	34983	35474	35298	0.78	cps
Cobalt	59-2	3864	3841	3714	3806	2.12	cps
Copper	63-2	18579	18299	18976	18618	1.83	cps
Dysprosium	156-1	17	0	25	14	91.65	cps
Dysprosium	156-2	10	13	13	12	15.73	cps
Erbium	164-1	75	117	75	89	27.07	cps
Erbium	164-2	30	27	47	34	31.11	cps
Gadolinium	160-1	117	100	125	114	11.18	cps
Gadolinium	160-2	47	73	47	56	27.71	cps
Holmium	165-1	8891390	8573406	8591693	8685496	2.06	cps
Holmium	165-2	3519377	3475636	3553660	3516225	1.11	cps
Indium	115-1	7962859	7760643	7919170	7880891	1.35	cps
Indium	115-2	1039924	1048468	1038334	1042242	0.52	cps
Iron	54-2	7881719	7744213	7732432	7786121	1.07	cps
Iron	56-2	145116364	141158295	139670373	141981677	1.98	cps
Iron	57-2	3626029	3519802	3521200	3555677	1.71	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	ICSA32	Instrumnet Name :	P8
Client Sample ID :	ICSA32	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 16:24:50	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	2515	2625	2570	2570	2.14	cps
Lead	206-1	21657	21824	21685	21722	0.41	cps
Lead	207-1	16772	17117	16138	16676	2.98	cps
Lead	208-1	80074	80849	79920	80281	0.62	cps
Lithium	6-1	6288212	6022837	5702926	6004658	4.88	cps
Magnesium	24-2	15257118	15065008	14844493	15055540	1.37	cps
Manganese	55-2	6925	7055	7255	7078	2.35	cps
Molybdenum	94-1	3978046	4067797	3943381	3996408	1.61	cps
Molybdenum	95-1	6928962	7046005	7011931	6995632	0.86	cps
Molybdenum	96-1	7448777	7474503	7370125	7431135	0.73	cps
Molybdenum	97-1	4374946	4235697	4186863	4265835	2.29	cps
Molybdenum	98-1	11655499	11205473	11018747	11293239	2.90	cps
Neodymium	150-1	60	40	40	47	24.74	cps
Neodymium	150-2	3	13	10	9	57.30	cps
Nickel	60-2	4764	4657	4621	4681	1.59	cps
Phosphorus	31-2	317591	311655	310775	313340	1.18	cps
Potassium	39-2	10725186	10560448	10864977	10716871	1.42	cps
Rhodium	103-1	7351467	7376319	7045523	7257770	2.54	cps
Rhodium	103-2	2810250	2822415	2788407	2807024	0.61	cps
Scandium	45-1	6486478	6575543	6393176	6485066	1.41	cps
Scandium	45-2	163424	162135	164135	163231	0.62	cps
Selenium	82-1	85	-29	86	48	139.04	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	68	67	96	77	21.38	cps
Silicon	28-1	806880	809634	813596	810037	0.42	cps
Silver	107-1	708	667	517	631	15.99	cps
Silver	109-1	550	517	508	525	4.20	cps
Sodium	23-2	29733109	29480965	29317906	29510660	0.71	cps
Strontium	86-1	89671	89881	89779	89777	0.12	cps
Strontium	88-1	739207	739455	732042	736901	0.57	cps
Sulfur	34-1	4643364	4605748	4474737	4574616	1.94	cps
Terbium	159-1	9359871	9118201	9524622	9334231	2.19	cps
Terbium	159-2	3445420	3417116	3374688	3412408	1.04	cps
Thallium	203-1	925	833	925	895	5.92	cps
Thallium	205-1	1884	2175	2625	2228	16.77	cps
Tin	118-1	2167	2059	2117	2114	2.56	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	ICSA32	Instrumnet Name :	P8
Client Sample ID :	ICSA32	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 16:24:50	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2457757	2517907	2400701	2458788	2.38	cps
Uranium	238-1	383	450	433	422	8.22	cps
Vanadium	51-2	227	183	230	213	12.20	cps
Ytterbium	172-1	67	58	83	69	18.34	cps
Ytterbium	172-2	44	33	44	41	15.76	cps
Ytterbium	176-1	1008	825	933	922	9.99	cps
Ytterbium	176-2	3584	3912	3823	3773	4.49	cps
Yttrium	89-1	13285702	13599544	13293514	13392920	1.34	cps
Yttrium	89-2	1229570	1228064	1223574	1227069	0.25	cps
Zinc	66-2	3581	3314	3324	3406	4.44	cps
Zirconium	90-1	1092	1058	900	1017	10.07	cps
Zirconium	91-1	225	158	250	211	22.45	cps

LB Number : LB119720 Operator : Jaswal
 Lab Sample ID : ICSAB32 Instrumnet Name : P8
 Client Sample ID : ICSAB32 Dilution Factor : 1
 Date & Time Acquired :: 2022-04-15 16:27:43 DataFile Name : 017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5502738	5741819	5546446	5597001	2.27	cps
Antimony	121-1	124777	124842	124734	124784	0.04	cps
Arsenic	75-2	3716	3694	3690	3700	0.38	cps
Barium	135-1	35740	34436	34035	34737	2.57	cps
Barium	137-1	60562	61005	58921	60163	1.82	cps
Beryllium	9-1	64004	64010	64946	64320	0.84	cps
Bismuth	209-1	5038288	4960891	5143829	5047669	1.82	cps
Bismuth	209-2	2293341	2384236	2340158	2339245	1.94	cps
Boron	10-1	7773	7879	7448	7700	2.91	cps
Boron	11-1	35125	33891	31670	33562	5.22	cps
Bromine	81-1	48847	49249	51992	50029	3.42	cps
Cadmium	111-1	39802	39924	38331	39352	2.25	cps
Cadmium	106-1	7027	6969	6127	6707	7.51	cps
Cadmium	108-1	3484	3346	3813	3548	6.76	cps
Calcium	43-1	2901463	2880206	2882301	2887990	0.41	cps
Calcium	44-1	46614283	45171662	46223285	46003077	1.62	cps
Carbon	12-1	28631944	29541431	29225073	29132816	1.58	cps
Carbon	12-2	265677	263881	264976	264845	0.34	cps
Chlorine	35-1	17873204	20284252	22426291	20194582	11.28	cps
Chlorine	35-2	147970	157218	163903	156364	5.12	cps
Chromium	52-2	71089	70597	70768	70818	0.35	cps
Cobalt	59-2	66521	66180	66491	66398	0.28	cps
Copper	63-2	66830	65969	64965	65921	1.42	cps
Dysprosium	156-1	0	42	33	25	88.19	cps
Dysprosium	156-2	13	7	23	14	58.06	cps
Erbium	164-1	100	108	75	94	18.37	cps
Erbium	164-2	30	47	33	37	24.06	cps
Gadolinium	160-1	33	50	75	53	39.74	cps
Gadolinium	160-2	50	67	40	52	25.80	cps
Holmium	165-1	8944622	9330037	9038100	9104253	2.21	cps
Holmium	165-2	3545515	3537664	3688263	3590481	2.36	cps
Indium	115-1	7933855	8198380	8069497	8067244	1.64	cps
Indium	115-2	1077291	1084309	1067185	1076262	0.80	cps
Iron	54-2	7937185	8044932	7961693	7981270	0.71	cps
Iron	56-2	145489420	142292203	141331331	143037651	1.52	cps
Iron	57-2	3582482	3587293	3640707	3603494	0.90	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	ICSAB32	Instrumnet Name :	P8
Client Sample ID :	ICSAB32	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 16:27:43	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	2544	2680	2674	2632	2.92	cps
Lead	206-1	116875	112486	110070	113144	3.05	cps
Lead	207-1	92687	91434	92983	92368	0.89	cps
Lead	208-1	435941	426710	428004	430219	1.16	cps
Lithium	6-1	6303977	6222721	5988166	6171621	2.66	cps
Magnesium	24-2	15541619	15700795	15429222	15557212	0.88	cps
Manganese	55-2	25720	25757	25316	25598	0.96	cps
Molybdenum	94-1	4009540	4078582	4061425	4049849	0.89	cps
Molybdenum	95-1	7069962	7144296	7188439	7134232	0.84	cps
Molybdenum	96-1	7697289	7460376	7648964	7602210	1.65	cps
Molybdenum	97-1	4331651	4298199	4449293	4359714	1.82	cps
Molybdenum	98-1	11520998	11151152	11411285	11361145	1.67	cps
Neodymium	150-1	67	33	33	44	43.31	cps
Neodymium	150-2	10	13	13	12	15.73	cps
Nickel	60-2	22051	21770	22141	21987	0.88	cps
Phosphorus	31-2	327094	326043	320003	324380	1.18	cps
Potassium	39-2	11083923	11174984	10988875	11082594	0.84	cps
Rhodium	103-1	7498439	7388094	7518619	7468384	0.94	cps
Rhodium	103-2	2893144	2868150	2958867	2906720	1.61	cps
Scandium	45-1	6736872	6512288	6433820	6560993	2.40	cps
Scandium	45-2	165503	166943	165793	166080	0.46	cps
Selenium	82-1	3343	3259	3392	3331	2.01	cps
Selenium	77-2	97	87	77	87	11.54	cps
Selenium	78-2	349	329	335	338	3.04	cps
Silicon	28-1	820383	827281	820501	822722	0.48	cps
Silver	107-1	182830	179081	185042	182318	1.65	cps
Silver	109-1	174512	176110	174867	175163	0.48	cps
Sodium	23-2	29437173	29651763	29565603	29551513	0.37	cps
Strontium	86-1	90973	89077	91165	90405	1.28	cps
Strontium	88-1	752117	752357	755623	753366	0.26	cps
Sulfur	34-1	4723181	4686053	4682681	4697305	0.48	cps
Terbium	159-1	10010482	9817733	9611404	9813206	2.03	cps
Terbium	159-2	3564656	3450329	3574273	3529753	1.95	cps
Thallium	203-1	115170	110917	114707	113598	2.05	cps
Thallium	205-1	272400	268256	273160	271272	0.97	cps
Tin	118-1	2100	2000	1725	1942	10.00	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	ICSAB32	Instrumnet Name :	P8
Client Sample ID :	ICSAB32	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 16:27:43	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2529717	2529002	2477899	2512206	1.18	cps
Uranium	238-1	458	417	517	464	10.83	cps
Vanadium	51-2	29173	28876	28064	28704	2.00	cps
Ytterbium	172-1	83	58	25	56	52.68	cps
Ytterbium	172-2	11	39	11	20	78.74	cps
Ytterbium	176-1	958	925	1067	983	7.53	cps
Ytterbium	176-2	3578	3790	3589	3652	3.25	cps
Yttrium	89-1	14015128	14075011	13835855	13975331	0.89	cps
Yttrium	89-2	1262389	1253940	1268729	1261686	0.59	cps
Zinc	66-2	9633	9673	9887	9731	1.40	cps
Zirconium	90-1	917	1050	1067	1011	8.13	cps
Zirconium	91-1	208	283	225	239	16.48	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P8
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 16:37:34	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2928148	2956337	2847804	2910763	1.93	cps
Antimony	121-1	3049171	3026384	3005243	3026933	0.73	cps
Arsenic	75-2	85053	86541	85956	85850	0.87	cps
Barium	135-1	4282938	3971499	4059334	4104590	3.91	cps
Barium	137-1	6840636	6984590	6990380	6938535	1.22	cps
Beryllium	9-1	1571645	1538868	1533635	1548050	1.33	cps
Bismuth	209-1	4879605	4963393	4932747	4925248	0.86	cps
Bismuth	209-2	2356319	2325487	2295837	2325881	1.30	cps
Boron	10-1	395053	401841	410051	402315	1.87	cps
Boron	11-1	1609702	1759844	1707335	1692294	4.50	cps
Bromine	81-1	44469	49300	47934	47234	5.27	cps
Cadmium	111-1	910226	908687	924475	914463	0.95	cps
Cadmium	106-1	106285	104764	106260	105770	0.82	cps
Cadmium	108-1	69718	71174	70844	70578	1.08	cps
Calcium	43-1	7066288	7016665	6982614	7021856	0.60	cps
Calcium	44-1	114731436	113624620	114073434	114143163	0.49	cps
Carbon	12-1	6615942	6952238	6939866	6836015	2.79	cps
Carbon	12-2	72387	73049	72940	72792	0.49	cps
Chlorine	35-1	2586418	2501696	2446026	2511380	2.81	cps
Chlorine	35-2	15058	14699	14666	14808	1.47	cps
Chromium	52-2	880692	870532	879286	876837	0.63	cps
Cobalt	59-2	1565133	1531051	1564823	1553669	1.26	cps
Copper	63-2	12417800	12348141	12058386	12274776	1.55	cps
Dysprosium	156-1	350	500	492	447	18.85	cps
Dysprosium	156-2	123	143	137	134	7.57	cps
Erbium	164-1	150	108	150	136	17.67	cps
Erbium	164-2	73	37	43	51	38.21	cps
Gadolinium	160-1	350	433	308	364	17.49	cps
Gadolinium	160-2	200	153	210	188	16.11	cps
Holmium	165-1	8912462	8816307	9190363	8973044	2.16	cps
Holmium	165-2	3708674	3652114	3650359	3670383	0.90	cps
Indium	115-1	7942501	7938956	8130070	8003842	1.37	cps
Indium	115-2	1062658	1077782	1061450	1067297	0.85	cps
Iron	54-2	10121217	9661365	9791171	9857918	2.40	cps
Iron	56-2	182376165	176335654	176384560	178365460	1.95	cps
Iron	57-2	4438001	4493365	4363764	4431710	1.47	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P8
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 16:37:34	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	2690	2599	2680	2656	1.88	cps
Lead	206-1	11282421	11000883	11013541	11098948	1.43	cps
Lead	207-1	9666135	9605304	9438845	9570095	1.23	cps
Lead	208-1	44875242	44522813	42728264	44042106	2.61	cps
Lithium	6-1	6015346	6388300	6296955	6233534	3.12	cps
Magnesium	24-2	39233268	37759866	36684117	37892417	3.38	cps
Manganese	55-2	4895356	4846491	4867677	4869841	0.50	cps
Molybdenum	94-1	12517443	12752909	13006855	12759069	1.92	cps
Molybdenum	95-1	18327198	18370600	18672770	18456856	1.02	cps
Molybdenum	96-1	19665904	20218056	20059731	19981230	1.42	cps
Molybdenum	97-1	11196083	11628558	11265596	11363412	2.04	cps
Molybdenum	98-1	28801228	30308778	29587913	29565973	2.55	cps
Neodymium	150-1	273	247	260	260	5.13	cps
Neodymium	150-2	50	23	10	28	73.33	cps
Nickel	60-2	426318	423914	427419	425884	0.42	cps
Phosphorus	31-2	31752	32086	30232	31357	3.15	cps
Potassium	39-2	14013335	13682497	13915164	13870332	1.23	cps
Rhodium	103-1	7263030	7435402	7667252	7455228	2.72	cps
Rhodium	103-2	2905501	2846534	2856335	2869457	1.10	cps
Scandium	45-1	6686642	6576525	6726037	6663068	1.16	cps
Scandium	45-2	172536	169626	170703	170955	0.86	cps
Selenium	82-1	81491	82435	82960	82295	0.90	cps
Selenium	77-2	2144	1967	2197	2102	5.73	cps
Selenium	78-2	7248	7035	7231	7171	1.64	cps
Silicon	28-1	25504471	25497321	24472078	25157957	2.36	cps
Silver	107-1	4785302	4627019	4804815	4739045	2.06	cps
Silver	109-1	4553578	4638186	4625920	4605895	0.99	cps
Sodium	23-2	74758481	73079110	69821999	72553197	3.46	cps
Strontium	86-1	1297006	1293170	1313974	1301383	0.85	cps
Strontium	88-1	11070757	11437089	10990309	11166052	2.13	cps
Sulfur	34-1	860468	857405	852099	856657	0.49	cps
Terbium	159-1	9650298	9568049	9916283	9711544	1.87	cps
Terbium	159-2	3584182	3553561	3577649	3571797	0.45	cps
Thallium	203-1	2779553	2791430	2813952	2794978	0.63	cps
Thallium	205-1	6388687	6447276	6429650	6421871	0.47	cps
Tin	118-1	2940449	2887892	2855785	2894709	1.48	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P8
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 16:37:34	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6336610	6317239	6121873	6258574	1.90	cps
Uranium	238-1	8863079	8770105	8637734	8756973	1.29	cps
Vanadium	51-2	723118	714719	710995	716278	0.87	cps
Ytterbium	172-1	108	158	117	128	20.96	cps
Ytterbium	172-2	83	83	22	63	56.04	cps
Ytterbium	176-1	12531	13165	12890	12862	2.47	cps
Ytterbium	176-2	8531	8725	8481	8579	1.51	cps
Yttrium	89-1	13869539	14043318	14111704	14008187	0.89	cps
Yttrium	89-2	1287708	1275606	1293342	1285552	0.70	cps
Zinc	66-2	1569858	1591854	1497780	1553164	3.17	cps
Zirconium	90-1	6949824	6617189	6651192	6739401	2.72	cps
Zirconium	91-1	1499403	1479350	1498125	1492293	0.75	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P8
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 16:49:47	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	204	224	261	230	12.71	cps
Antimony	121-1	308	292	442	347	23.68	cps
Arsenic	75-2	6	7	10	8	27.15	cps
Barium	135-1	67	58	100	75	29.39	cps
Barium	137-1	225	175	175	192	15.06	cps
Beryllium	9-1	108	130	102	113	13.01	cps
Bismuth	209-1	5071162	5249487	4998906	5106518	2.53	cps
Bismuth	209-2	2441059	2471569	2429326	2447318	0.89	cps
Boron	10-1	10916	10730	10358	10668	2.66	cps
Boron	11-1	46555	46874	45546	46325	1.50	cps
Bromine	81-1	49492	51378	50939	50603	1.95	cps
Cadmium	111-1	2034	2157	2370	2187	7.77	cps
Cadmium	106-1	2825	3025	3325	3059	8.23	cps
Cadmium	108-1	63	63	71	65	7.37	cps
Calcium	43-1	346	409	417	391	9.94	cps
Calcium	44-1	9098	9962	10675	9912	7.97	cps
Carbon	12-1	5009487	5067127	5024251	5033622	0.59	cps
Carbon	12-2	47009	47603	46884	47165	0.81	cps
Chlorine	35-1	745819	722634	716458	728303	2.13	cps
Chlorine	35-2	4693	4184	3967	4281	8.70	cps
Chromium	52-2	673	760	780	738	7.69	cps
Cobalt	59-2	83	123	137	114	24.25	cps
Copper	63-2	1103	1027	1133	1088	5.06	cps
Dysprosium	156-1	25	17	8	17	50.01	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	92	67	25	61	55.11	cps
Erbium	164-2	23	23	17	21	18.21	cps
Gadolinium	160-1	83	42	50	58	37.80	cps
Gadolinium	160-2	33	40	40	38	10.19	cps
Holmium	165-1	8353151	8626258	8706749	8562053	2.16	cps
Holmium	165-2	3447190	3395119	3410875	3417728	0.78	cps
Indium	115-1	7863849	8137354	7934326	7978509	1.78	cps
Indium	115-2	1088132	1080340	1078443	1082305	0.47	cps
Iron	54-2	794	850	911	852	6.85	cps
Iron	56-2	10454	10821	11138	10804	3.17	cps
Iron	57-2	378	317	261	319	18.32	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P8
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 16:49:47	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	2567	2646	2619	2611	1.53	cps
Lead	206-1	1022	1095	1256	1124	10.63	cps
Lead	207-1	867	933	1017	939	8.01	cps
Lead	208-1	4050	4295	4734	4360	7.94	cps
Lithium	6-1	6041930	5762585	6252122	6018879	4.08	cps
Magnesium	24-2	1817	1767	1633	1739	5.45	cps
Manganese	55-2	177	237	190	201	15.67	cps
Molybdenum	94-1	617	500	675	597	14.92	cps
Molybdenum	95-1	558	633	683	625	10.06	cps
Molybdenum	96-1	800	733	958	831	13.92	cps
Molybdenum	97-1	358	283	450	364	22.94	cps
Molybdenum	98-1	908	983	1233	1042	16.34	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	67	70	90	76	16.70	cps
Phosphorus	31-2	75	42	42	53	36.46	cps
Potassium	39-2	17211	16443	16109	16588	3.41	cps
Rhodium	103-1	7707885	7738454	7766215	7737518	0.38	cps
Rhodium	103-2	3015698	3074928	3068854	3053160	1.07	cps
Scandium	45-1	6380727	6409849	6337233	6375936	0.57	cps
Scandium	45-2	167102	164633	165353	165696	0.77	cps
Selenium	82-1	56	34	-4	29	105.43	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	79	78	75	77	2.69	cps
Silicon	28-1	627387	623490	626616	625831	0.33	cps
Silver	107-1	225	400	358	328	27.89	cps
Silver	109-1	200	192	150	181	14.83	cps
Sodium	23-2	18737	19422	19906	19355	3.03	cps
Strontium	86-1	4342	4234	4042	4206	3.61	cps
Strontium	88-1	525	442	650	539	19.46	cps
Sulfur	34-1	307049	302985	299010	303014	1.33	cps
Terbium	159-1	8833920	9351838	9108554	9098104	2.85	cps
Terbium	159-2	3398886	3429361	3455895	3428047	0.83	cps
Thallium	203-1	875	725	817	806	9.39	cps
Thallium	205-1	1984	1850	1834	1889	4.35	cps
Tin	118-1	825	1058	958	947	12.36	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P8
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 16:49:47	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	325	375	367	356	7.53	cps
Uranium	238-1	208	267	317	264	20.55	cps
Vanadium	51-2	30	27	20	26	19.92	cps
Ytterbium	172-1	25	42	50	39	32.73	cps
Ytterbium	172-2	17	17	33	22	43.28	cps
Ytterbium	176-1	992	833	858	895	9.52	cps
Ytterbium	176-2	3412	3973	4028	3804	8.97	cps
Yttrium	89-1	13332823	13413002	13678408	13474744	1.34	cps
Yttrium	89-2	1256489	1258626	1249138	1254751	0.40	cps
Zinc	66-2	153	177	110	147	23.07	cps
Zirconium	90-1	750	850	842	814	6.82	cps
Zirconium	91-1	133	183	200	172	20.15	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 16:56:02	DataFile Name :	022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1125	1126	1126	1126	0.06	cps
Antimony	121-1	10262	10888	11080	10743	3.98	cps
Arsenic	75-2	184	174	181	180	2.86	cps
Barium	135-1	14775	14875	14016	14556	3.23	cps
Barium	137-1	24390	25015	24122	24509	1.87	cps
Beryllium	9-1	3230	3096	3276	3200	2.92	cps
Bismuth	209-1	5146917	5239070	4987237	5124408	2.49	cps
Bismuth	209-2	2385004	2499562	2478390	2454319	2.48	cps
Boron	10-1	15952	16660	17579	16730	4.88	cps
Boron	11-1	71075	75113	75715	73968	3.41	cps
Bromine	81-1	47801	49641	50937	49460	3.19	cps
Cadmium	111-1	4087	3603	4098	3929	7.20	cps
Cadmium	106-1	3359	2809	3292	3153	9.52	cps
Cadmium	108-1	175	150	200	175	14.29	cps
Calcium	43-1	13256	13366	13465	13362	0.78	cps
Calcium	44-1	214810	215562	213992	214788	0.37	cps
Carbon	12-1	5299328	5252938	5100364	5217543	2.00	cps
Carbon	12-2	49100	50187	49676	49654	1.10	cps
Chlorine	35-1	554740	543618	542865	547074	1.22	cps
Chlorine	35-2	3434	2942	2917	3098	9.41	cps
Chromium	52-2	3881	3837	3667	3795	2.97	cps
Cobalt	59-2	3074	2997	3074	3048	1.45	cps
Copper	63-2	5484	5574	5571	5543	0.92	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	50	58	58	56	8.66	cps
Erbium	164-2	7	33	37	26	64.33	cps
Gadolinium	160-1	33	33	42	36	13.33	cps
Gadolinium	160-2	40	33	83	52	51.99	cps
Holmium	165-1	8561432	8768410	8571941	8633928	1.35	cps
Holmium	165-2	3493628	3539677	3399940	3477748	2.05	cps
Indium	115-1	8243794	8237134	8062371	8181100	1.26	cps
Indium	115-2	1081582	1088249	1080637	1083489	0.38	cps
Iron	54-2	4379	4167	4178	4241	2.80	cps
Iron	56-2	70390	70949	71518	70952	0.79	cps
Iron	57-2	1822	1811	1922	1852	3.30	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 16:56:02	DataFile Name :	022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	2684	2695	2581	2653	2.36	cps
Lead	206-1	4812	4673	5012	4832	3.53	cps
Lead	207-1	4256	4501	3973	4243	6.23	cps
Lead	208-1	19434	19523	19695	19551	0.68	cps
Lithium	6-1	6298625	6019916	6195093	6171211	2.28	cps
Magnesium	24-2	73796	71577	72439	72604	1.54	cps
Manganese	55-2	960	1013	957	977	3.26	cps
Molybdenum	94-1	13724	14533	14491	14249	3.20	cps
Molybdenum	95-1	17804	16577	16635	17005	4.07	cps
Molybdenum	96-1	18555	19773	19155	19161	3.18	cps
Molybdenum	97-1	11238	10671	10421	10777	3.89	cps
Molybdenum	98-1	27945	28012	26401	27453	3.32	cps
Neodymium	150-1	0	33	7	13	132.27	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	880	970	883	911	5.60	cps
Phosphorus	31-2	125	108	167	133	22.53	cps
Potassium	39-2	63214	65834	64771	64606	2.04	cps
Rhodium	103-1	8064166	7738642	7624754	7809187	2.92	cps
Rhodium	103-2	3049671	3025552	3018376	3031200	0.54	cps
Scandium	45-1	6505973	6382958	6553705	6480879	1.36	cps
Scandium	45-2	167618	164357	166311	166095	0.99	cps
Selenium	82-1	600	756	939	765	22.16	cps
Selenium	77-2	23	33	13	23	42.86	cps
Selenium	78-2	132	131	130	131	0.76	cps
Silicon	28-1	741794	729589	737004	736129	0.84	cps
Silver	107-1	9453	8845	9437	9245	3.75	cps
Silver	109-1	8628	8578	8661	8622	0.49	cps
Sodium	23-2	148487	145902	146440	146943	0.93	cps
Strontium	86-1	6794	6535	6602	6643	2.02	cps
Strontium	88-1	19556	20223	19982	19920	1.70	cps
Sulfur	34-1	295343	293371	293259	293991	0.40	cps
Terbium	159-1	8994519	9141864	8886214	9007533	1.42	cps
Terbium	159-2	3454307	3404342	3319687	3392779	2.01	cps
Thallium	203-1	5801	5310	5526	5546	4.45	cps
Thallium	205-1	13249	13432	13007	13229	1.61	cps
Tin	118-1	28697	28489	27445	28210	2.38	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 16:56:02	DataFile Name :	022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5718	6077	6060	5951	3.40	cps
Uranium	238-1	15218	14893	14784	14965	1.51	cps
Vanadium	51-2	6768	6572	6652	6664	1.48	cps
Ytterbium	172-1	75	25	50	50	50.00	cps
Ytterbium	172-2	44	33	6	28	72.10	cps
Ytterbium	176-1	958	892	1092	981	10.39	cps
Ytterbium	176-2	3473	3873	3851	3732	6.03	cps
Yttrium	89-1	13368826	13622406	13555417	13515549	0.97	cps
Yttrium	89-2	1260738	1270687	1252244	1261223	0.73	cps
Zinc	66-2	707	793	877	792	10.73	cps
Zirconium	90-1	12147	12514	11555	12072	4.01	cps
Zirconium	91-1	2717	2767	2809	2764	1.66	cps

LB Number : LB119720 Operator : Jaswal
 Lab Sample ID : PB143907BL Instrumnet Name : P8
 Client Sample ID : PB143907BL Dilution Factor : 1
 Date & Time Acquired :: 2022-04-15 16:59:09 DataFile Name : 023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	95	92	79	89	9.86	cps
Antimony	121-1	133	108	75	106	27.73	cps
Arsenic	75-2	5	6	6	6	10.19	cps
Barium	135-1	8	33	33	25	57.74	cps
Barium	137-1	50	117	100	89	39.03	cps
Beryllium	9-1	92	92	70	85	15.00	cps
Bismuth	209-1	5114004	5155966	5311600	5193856	2.00	cps
Bismuth	209-2	2478293	2492722	2437447	2469487	1.16	cps
Boron	10-1	6614	6696	6552	6621	1.09	cps
Boron	11-1	29119	29124	28680	28974	0.88	cps
Bromine	81-1	46817	51119	49669	49202	4.45	cps
Cadmium	111-1	2367	2306	2185	2286	4.05	cps
Cadmium	106-1	3309	3284	3084	3225	3.82	cps
Cadmium	108-1	46	67	75	63	24.04	cps
Calcium	43-1	261	242	252	252	3.72	cps
Calcium	44-1	7519	7585	7596	7566	0.55	cps
Carbon	12-1	5262512	5154977	5192297	5203262	1.05	cps
Carbon	12-2	48155	48506	48013	48224	0.53	cps
Chlorine	35-1	463462	459520	457729	460237	0.64	cps
Chlorine	35-2	2734	2884	3100	2906	6.34	cps
Chromium	52-2	590	603	667	620	6.61	cps
Cobalt	59-2	50	60	60	57	10.19	cps
Copper	63-2	667	757	790	738	8.65	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	100	83	108	97	13.09	cps
Erbium	164-2	17	27	20	21	24.12	cps
Gadolinium	160-1	58	33	33	42	34.64	cps
Gadolinium	160-2	50	57	50	52	7.37	cps
Holmium	165-1	8904557	8702661	8353729	8653649	3.22	cps
Holmium	165-2	3505967	3427444	3362609	3432006	2.09	cps
Indium	115-1	8253025	8113483	8189590	8185366	0.85	cps
Indium	115-2	1097191	1079995	1079918	1085701	0.92	cps
Iron	54-2	439	489	506	478	7.26	cps
Iron	56-2	4329	4234	4323	4295	1.23	cps
Iron	57-2	111	167	183	154	24.61	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	PB143907BL	Instrumnet Name :	P8
Client Sample ID :	PB143907BL	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 16:59:09	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	2677	2720	2752	2717	1.38	cps
Lead	206-1	800	883	717	800	10.42	cps
Lead	207-1	778	694	700	724	6.43	cps
Lead	208-1	3350	3500	2989	3280	8.01	cps
Lithium	6-1	6365138	6527013	5795325	6229159	6.17	cps
Magnesium	24-2	625	658	708	664	6.32	cps
Manganese	55-2	57	67	67	63	9.12	cps
Molybdenum	94-1	325	267	408	333	21.36	cps
Molybdenum	95-1	158	150	183	164	10.58	cps
Molybdenum	96-1	458	542	367	456	19.21	cps
Molybdenum	97-1	108	108	92	103	9.36	cps
Molybdenum	98-1	183	217	350	250	35.28	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	67	63	87	72	17.48	cps
Phosphorus	31-2	108	42	92	81	43.07	cps
Potassium	39-2	14491	15292	15575	15119	3.72	cps
Rhodium	103-1	7957792	7776228	7912657	7882226	1.20	cps
Rhodium	103-2	2975144	3022017	2988289	2995150	0.81	cps
Scandium	45-1	6712437	6349879	6498773	6520363	2.79	cps
Scandium	45-2	167826	165066	163472	165454	1.33	cps
Selenium	82-1	-118	-55	-149	-107	-44.57	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	65	73	84	74	12.89	cps
Silicon	28-1	656421	653712	659804	656646	0.46	cps
Silver	107-1	300	283	233	272	12.75	cps
Silver	109-1	233	300	250	261	13.29	cps
Sodium	23-2	14624	14858	15434	14972	2.78	cps
Strontium	86-1	4142	4317	4259	4240	2.10	cps
Strontium	88-1	300	317	317	311	3.09	cps
Sulfur	34-1	295530	297221	300014	297588	0.76	cps
Terbium	159-1	9093359	9093541	8963114	9050005	0.83	cps
Terbium	159-2	3419069	3461424	3501206	3460566	1.19	cps
Thallium	203-1	650	492	542	561	14.42	cps
Thallium	205-1	1367	1267	1400	1345	5.16	cps
Tin	118-1	950	1000	875	942	6.68	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	PB143907BL	Instrumnet Name :	P8
Client Sample ID :	PB143907BL	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 16:59:09	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	192	358	292	281	29.90	cps
Uranium	238-1	75	83	75	78	6.19	cps
Vanadium	51-2	17	13	7	12	41.65	cps
Ytterbium	172-1	42	42	17	33	43.30	cps
Ytterbium	172-2	11	11	28	17	57.75	cps
Ytterbium	176-1	1050	1092	925	1022	8.49	cps
Ytterbium	176-2	3601	3801	3867	3756	3.70	cps
Yttrium	89-1	13418315	13786086	13804967	13669790	1.59	cps
Yttrium	89-2	1260158	1267006	1245550	1257571	0.87	cps
Zinc	66-2	63	83	87	78	16.23	cps
Zirconium	90-1	658	625	683	656	4.46	cps
Zirconium	91-1	125	108	100	111	11.46	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	PB143907BS	Instrumnet Name :	P8
Client Sample ID :	PB143907BS	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 17:02:15	DataFile Name :	024LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	544846	529967	534615	536476	1.42	cps
Antimony	121-1	2864220	2932071	2817457	2871249	2.01	cps
Arsenic	75-2	85805	84720	84241	84922	0.94	cps
Barium	135-1	3969328	3815233	3836754	3873771	2.15	cps
Barium	137-1	6857552	6437987	6381395	6558978	3.97	cps
Beryllium	9-1	1634878	1618438	1652955	1635424	1.06	cps
Bismuth	209-1	5444190	5272217	5342167	5352858	1.62	cps
Bismuth	209-2	2426748	2451426	2376189	2418121	1.59	cps
Boron	10-1	516268	548204	572803	545758	5.19	cps
Boron	11-1	2219570	2251814	2391162	2287515	3.99	cps
Bromine	81-1	48044	44519	43433	45332	5.32	cps
Cadmium	111-1	914480	912618	904112	910404	0.61	cps
Cadmium	106-1	105579	101456	104261	103765	2.03	cps
Cadmium	108-1	68737	70379	70425	69847	1.38	cps
Calcium	43-1	1409787	1421577	1346352	1392572	2.91	cps
Calcium	44-1	22375135	22208404	21800044	22127861	1.34	cps
Carbon	12-1	7390074	7773393	8086986	7750151	4.50	cps
Carbon	12-2	79751	84762	87042	83851	4.45	cps
Chlorine	35-1	387746	378196	371132	379025	2.20	cps
Chlorine	35-2	2350	2300	2217	2289	2.94	cps
Chromium	52-2	850675	830679	833092	838149	1.30	cps
Cobalt	59-2	1547817	1575273	1562510	1561867	0.88	cps
Copper	63-2	12208929	11747329	11544191	11833483	2.88	cps
Dysprosium	156-1	233	167	175	192	18.95	cps
Dysprosium	156-2	73	67	33	58	37.09	cps
Erbium	164-1	92	117	125	111	15.61	cps
Erbium	164-2	77	37	47	53	39.03	cps
Gadolinium	160-1	175	233	150	186	22.98	cps
Gadolinium	160-2	63	100	107	90	25.93	cps
Holmium	165-1	8911775	8994979	9061216	8989323	0.83	cps
Holmium	165-2	3624000	3541100	3433262	3532787	2.71	cps
Indium	115-1	8148081	8206997	8031642	8128907	1.10	cps
Indium	115-2	1059923	1056467	1055672	1057354	0.21	cps
Iron	54-2	2032647	2016252	2001544	2016815	0.77	cps
Iron	56-2	35768878	35820745	35320201	35636608	0.77	cps
Iron	57-2	867563	865819	863684	865689	0.22	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	PB143907BS	Instrumnet Name :	P8
Client Sample ID :	PB143907BS	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 17:02:15	DataFile Name :	024LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	2656	2517	2609	2594	2.72	cps
Lead	206-1	10787065	10785833	11322025	10964975	2.82	cps
Lead	207-1	9507103	9457334	9881478	9615305	2.41	cps
Lead	208-1	44010880	44079302	45394123	44494768	1.75	cps
Lithium	6-1	6652454	6334609	6480313	6489125	2.45	cps
Magnesium	24-2	7919147	7820419	7855863	7865143	0.64	cps
Manganese	55-2	4799868	4733687	4592289	4708615	2.25	cps
Molybdenum	94-1	12629210	12147444	12173507	12316720	2.20	cps
Molybdenum	95-1	18094964	17640757	17583548	17773090	1.58	cps
Molybdenum	96-1	19276142	19146442	18701406	19041330	1.58	cps
Molybdenum	97-1	11054288	10917551	10833809	10935216	1.02	cps
Molybdenum	98-1	28323683	27922179	28329678	28191846	0.83	cps
Neodymium	150-1	300	213	240	251	17.68	cps
Neodymium	150-2	10	13	33	19	66.81	cps
Nickel	60-2	417522	399772	405157	407484	2.23	cps
Phosphorus	31-2	31418	31385	31644	31482	0.45	cps
Potassium	39-2	2706236	2678082	2771981	2718767	1.77	cps
Rhodium	103-1	7636238	7707337	7466279	7603285	1.63	cps
Rhodium	103-2	2939701	2861411	2908354	2903155	1.36	cps
Scandium	45-1	6530239	6625492	6545522	6567084	0.78	cps
Scandium	45-2	166829	162580	163925	164445	1.32	cps
Selenium	82-1	78779	79971	79446	79399	0.75	cps
Selenium	77-2	2074	1997	1960	2010	2.88	cps
Selenium	78-2	6564	6739	6687	6664	1.35	cps
Silicon	28-1	39107431	38319275	37657452	38361386	1.89	cps
Silver	107-1	4900580	4797201	4802295	4833359	1.21	cps
Silver	109-1	4488930	4520223	4539698	4516284	0.57	cps
Sodium	23-2	14626994	14467203	14649270	14581156	0.68	cps
Strontium	86-1	1224364	1230061	1255166	1236530	1.33	cps
Strontium	88-1	10389584	10379543	10438379	10402502	0.30	cps
Sulfur	34-1	876260	868130	872999	872463	0.47	cps
Terbium	159-1	9134339	9386797	9335754	9285630	1.44	cps
Terbium	159-2	3487848	3429744	3577959	3498517	2.13	cps
Thallium	203-1	2669944	2722504	2770698	2721049	1.85	cps
Thallium	205-1	6487855	6251987	6427389	6389077	1.92	cps
Tin	118-1	2935450	2921625	2758884	2871987	3.42	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	PB143907BS	Instrumnet Name :	P8
Client Sample ID :	PB143907BS	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 17:02:15	DataFile Name :	024LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6059496	6080916	5966172	6035528	1.01	cps
Uranium	238-1	8447838	8555853	8579685	8527792	0.82	cps
Vanadium	51-2	696341	676967	673772	682360	1.79	cps
Ytterbium	172-1	92	108	67	89	23.59	cps
Ytterbium	172-2	33	44	22	33	33.35	cps
Ytterbium	176-1	12773	12548	11797	12373	4.13	cps
Ytterbium	176-2	8225	8942	8692	8620	4.22	cps
Yttrium	89-1	13451307	13528707	13791662	13590559	1.31	cps
Yttrium	89-2	1243737	1233126	1250725	1242529	0.71	cps
Zinc	66-2	1560623	1515510	1476170	1517434	2.78	cps
Zirconium	90-1	6425286	6358736	6409923	6397982	0.54	cps
Zirconium	91-1	1479558	1430861	1421258	1443892	2.16	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01DLX5	Instrumnet Name :	P8
Client Sample ID :	A08015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 17:18:28	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	160774	161280	159947	160667	0.42	cps
Antimony	121-1	1275	1567	1125	1322	16.99	cps
Arsenic	75-2	1993	1849	1847	1897	4.42	cps
Barium	135-1	96151	96813	94296	95753	1.36	cps
Barium	137-1	164140	167383	163197	164907	1.33	cps
Beryllium	9-1	3144	3160	3238	3180	1.58	cps
Bismuth	209-1	5321431	5330890	5219916	5290746	1.16	cps
Bismuth	209-2	2569103	2478195	2467787	2505028	2.22	cps
Boron	10-1	10522	10512	9803	10279	4.01	cps
Boron	11-1	46172	44481	45610	45421	1.90	cps
Bromine	81-1	50906	52654	46055	49872	6.86	cps
Cadmium	111-1	2744	2585	2386	2572	6.98	cps
Cadmium	106-1	3626	3292	3142	3353	7.38	cps
Cadmium	108-1	188	158	163	169	9.31	cps
Calcium	43-1	194900	192996	190360	192752	1.18	cps
Calcium	44-1	3227789	3143302	3070041	3147044	2.51	cps
Carbon	12-1	6857620	6992088	6866974	6905561	1.09	cps
Carbon	12-2	67321	65530	65697	66183	1.50	cps
Chlorine	35-1	227149	224178	221403	224244	1.28	cps
Chlorine	35-2	1417	1483	1442	1447	2.33	cps
Chromium	52-2	22060	21516	21827	21801	1.25	cps
Cobalt	59-2	38830	37286	37693	37936	2.11	cps
Copper	63-2	145017	142461	142118	143199	1.11	cps
Dysprosium	156-1	12339	12481	11739	12186	3.23	cps
Dysprosium	156-2	4231	4561	4614	4469	4.65	cps
Erbium	164-1	10721	10963	11447	11044	3.35	cps
Erbium	164-2	3907	4047	3931	3962	1.89	cps
Gadolinium	160-1	11347	12231	11547	11708	3.96	cps
Gadolinium	160-2	4821	4911	5061	4931	2.46	cps
Holmium	165-1	9111446	8935994	8888767	8978736	1.31	cps
Holmium	165-2	3474897	3628821	3485334	3529684	2.44	cps
Indium	115-1	8472022	8272405	7989628	8244685	2.94	cps
Indium	115-2	1103109	1087543	1097433	1096029	0.72	cps
Iron	54-2	429700	427648	427363	428237	0.30	cps
Iron	56-2	7904238	8081408	8116378	8034008	1.42	cps
Iron	57-2	193083	195109	190295	192829	1.25	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01DLX5	Instrumnet Name :	P8
Client Sample ID :	A08015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 17:18:28	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	2616	2731	2624	2657	2.42	cps
Lead	206-1	329514	336872	321073	329153	2.40	cps
Lead	207-1	275954	272197	265405	271186	1.97	cps
Lead	208-1	1297006	1290166	1256271	1281148	1.70	cps
Lithium	6-1	6096841	6241939	6047564	6128782	1.65	cps
Magnesium	24-2	206126	198857	200449	201811	1.89	cps
Manganese	55-2	98781	99414	98548	98914	0.45	cps
Molybdenum	94-1	33400	35597	34778	34591	3.21	cps
Molybdenum	95-1	13632	13807	13482	13640	1.19	cps
Molybdenum	96-1	20650	19581	19347	19859	3.50	cps
Molybdenum	97-1	8553	8828	8394	8592	2.55	cps
Molybdenum	98-1	21743	21868	21484	21698	0.90	cps
Neodymium	150-1	18640	18980	18687	18769	0.98	cps
Neodymium	150-2	5028	5058	5114	5067	0.87	cps
Nickel	60-2	28292	29391	28686	28789	1.93	cps
Phosphorus	31-2	2267	2359	2817	2481	11.88	cps
Potassium	39-2	131295	129613	127091	129333	1.64	cps
Rhodium	103-1	8390392	8241656	8059579	8230543	2.01	cps
Rhodium	103-2	3025482	3013388	3012163	3017011	0.24	cps
Scandium	45-1	7029594	6762274	6717209	6836359	2.47	cps
Scandium	45-2	169325	167587	167598	168170	0.59	cps
Selenium	82-1	1506	1320	1450	1426	6.70	cps
Selenium	77-2	47	73	53	58	24.02	cps
Selenium	78-2	217	197	179	198	9.62	cps
Silicon	28-1	1595494	1990565	1606988	1731016	12.99	cps
Silver	107-1	992	975	883	950	6.14	cps
Silver	109-1	825	975	708	836	15.99	cps
Sodium	23-2	102242	99774	99414	100477	1.53	cps
Strontium	86-1	153736	153902	154173	153937	0.14	cps
Strontium	88-1	1331064	1307737	1331280	1323360	1.02	cps
Sulfur	34-1	343221	346189	338067	342492	1.20	cps
Terbium	159-1	9494323	9465945	9205491	9388586	1.70	cps
Terbium	159-2	3410565	3481005	3410930	3434167	1.18	cps
Thallium	203-1	2142	2242	2342	2242	4.46	cps
Thallium	205-1	5201	5301	4818	5107	5.00	cps
Tin	118-1	12498	11714	11830	12014	3.52	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01DLX5	Instrumnet Name :	P8
Client Sample ID :	A08015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 17:18:28	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	278278	274619	269573	274156	1.59	cps
Uranium	238-1	20793	20367	20868	20676	1.31	cps
Vanadium	51-2	43182	42359	42510	42684	1.03	cps
Ytterbium	172-1	3467	3267	3442	3392	3.21	cps
Ytterbium	172-2	1361	1567	1383	1437	7.85	cps
Ytterbium	176-1	3192	2675	3476	3114	13.03	cps
Ytterbium	176-2	4723	5157	4857	4912	4.52	cps
Yttrium	89-1	14625279	13983516	14281372	14296722	2.25	cps
Yttrium	89-2	1279214	1293598	1284047	1285620	0.57	cps
Zinc	66-2	22682	21964	21209	21952	3.35	cps
Zirconium	90-1	81335	77223	77461	78673	2.93	cps
Zirconium	91-1	16936	17044	16569	16850	1.48	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	A08015DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 17:21:27	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	164496	167440	165600	165845	0.90	cps
Antimony	121-1	1467	1458	1425	1450	1.52	cps
Arsenic	75-2	1853	1822	1824	1833	0.95	cps
Barium	135-1	114709	112164	108719	111864	2.69	cps
Barium	137-1	198125	196762	195180	196689	0.75	cps
Beryllium	9-1	3394	3264	3092	3250	4.66	cps
Bismuth	209-1	5506616	5273840	5227851	5336102	2.80	cps
Bismuth	209-2	2446380	2517184	2455082	2472882	1.56	cps
Boron	10-1	8035	8483	8085	8201	2.99	cps
Boron	11-1	35360	34837	34939	35045	0.79	cps
Bromine	81-1	47039	48695	47320	47685	1.86	cps
Cadmium	111-1	3165	3023	3028	3072	2.62	cps
Cadmium	106-1	4167	3851	4101	4040	4.13	cps
Cadmium	108-1	146	175	179	167	10.90	cps
Calcium	43-1	189165	187939	182148	186417	2.01	cps
Calcium	44-1	2995764	3012828	2925281	2977958	1.56	cps
Carbon	12-1	6412024	6466215	6472527	6450255	0.52	cps
Carbon	12-2	60367	58333	59597	59433	1.73	cps
Chlorine	35-1	222913	219458	215989	219453	1.58	cps
Chlorine	35-2	1325	1175	1325	1275	6.79	cps
Chromium	52-2	20885	21173	20345	20801	2.02	cps
Cobalt	59-2	39120	38285	36781	38062	3.11	cps
Copper	63-2	150686	146434	145690	147603	1.83	cps
Dysprosium	156-1	13482	12740	12189	12804	5.07	cps
Dysprosium	156-2	4664	4277	4527	4490	4.37	cps
Erbium	164-1	11072	11205	10571	10949	3.05	cps
Erbium	164-2	4244	4174	3937	4118	3.90	cps
Gadolinium	160-1	12156	11647	11755	11853	2.26	cps
Gadolinium	160-2	5054	4868	4774	4899	2.91	cps
Holmium	165-1	8990836	8884263	8745765	8873621	1.38	cps
Holmium	165-2	3477705	3605030	3440947	3507894	2.45	cps
Indium	115-1	8399933	8200785	8426251	8342323	1.48	cps
Indium	115-2	1107409	1095997	1091063	1098156	0.76	cps
Iron	54-2	444390	429870	443029	439096	1.83	cps
Iron	56-2	8390364	8197343	8161858	8249855	1.49	cps
Iron	57-2	200366	194128	195914	196802	1.63	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	A08015DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 17:21:27	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	2705	2774	2665	2715	2.03	cps
Lead	206-1	372587	368760	351295	364214	3.12	cps
Lead	207-1	307700	303695	309336	306910	0.95	cps
Lead	208-1	1431253	1424050	1409730	1421678	0.77	cps
Lithium	6-1	6380235	6206987	6191692	6259638	1.67	cps
Magnesium	24-2	205219	206039	197775	203011	2.24	cps
Manganese	55-2	103640	102013	100291	101981	1.64	cps
Molybdenum	94-1	37168	37937	36290	37132	2.22	cps
Molybdenum	95-1	14817	13782	13398	13999	5.24	cps
Molybdenum	96-1	19948	20574	19940	20154	1.81	cps
Molybdenum	97-1	9453	8636	8445	8845	6.06	cps
Molybdenum	98-1	21985	22118	21133	21745	2.46	cps
Neodymium	150-1	18773	18139	18139	18351	2.00	cps
Neodymium	150-2	4958	5251	5128	5112	2.88	cps
Nickel	60-2	29481	28198	28435	28705	2.38	cps
Phosphorus	31-2	2550	2617	2325	2497	6.12	cps
Potassium	39-2	140767	138285	137907	138986	1.12	cps
Rhodium	103-1	8078150	8153544	8254082	8161925	1.08	cps
Rhodium	103-2	3078883	3052909	3007542	3046445	1.19	cps
Scandium	45-1	6772955	6753096	6714486	6746846	0.44	cps
Scandium	45-2	166897	171616	166736	168416	1.65	cps
Selenium	82-1	1298	1319	1241	1286	3.11	cps
Selenium	77-2	43	83	83	70	32.99	cps
Selenium	78-2	213	195	221	210	6.35	cps
Silicon	28-1	5966959	1998380	1965875	3310405	69.50	cps
Silver	107-1	975	1000	1258	1078	14.55	cps
Silver	109-1	933	692	750	792	15.93	cps
Sodium	23-2	99347	99943	98315	99201	0.83	cps
Strontium	86-1	155984	156808	152852	155215	1.34	cps
Strontium	88-1	1292724	1300640	1285292	1292885	0.59	cps
Sulfur	34-1	334463	332218	330964	332548	0.53	cps
Terbium	159-1	9678313	9562048	9655049	9631803	0.64	cps
Terbium	159-2	3421168	3493414	3433650	3449410	1.12	cps
Thallium	203-1	2075	2050	1909	2011	4.47	cps
Thallium	205-1	4509	4768	4759	4679	3.14	cps
Tin	118-1	12106	11288	11690	11695	3.50	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	A08015DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 17:21:27	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	260482	248293	245139	251305	3.22	cps
Uranium	238-1	21894	20734	21043	21224	2.83	cps
Vanadium	51-2	43550	42981	41951	42827	1.89	cps
Ytterbium	172-1	3225	3009	3401	3212	6.11	cps
Ytterbium	172-2	1522	1461	1489	1491	2.05	cps
Ytterbium	176-1	3217	3192	3159	3189	0.92	cps
Ytterbium	176-2	4623	5251	4940	4938	6.36	cps
Yttrium	89-1	13956214	14405251	14450940	14270802	1.92	cps
Yttrium	89-2	1287474	1296951	1287643	1290689	0.42	cps
Zinc	66-2	27076	26231	26582	26630	1.59	cps
Zirconium	90-1	79285	79185	75999	78156	2.39	cps
Zirconium	91-1	17478	18689	17336	17834	4.17	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	A08015LDL	Dilution Factor :	25
Date & Time Acquired ::	2022-04-15 17:24:28	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	31157	31641	31236	31345	0.83	cps
Antimony	121-1	292	333	367	331	11.37	cps
Arsenic	75-2	345	359	349	351	2.05	cps
Barium	135-1	18004	17470	18213	17896	2.14	cps
Barium	137-1	31865	31504	30192	31187	2.82	cps
Beryllium	9-1	708	610	626	648	8.11	cps
Bismuth	209-1	5232855	5260471	5209147	5234157	0.49	cps
Bismuth	209-2	2463346	2392923	1999647	2285305	10.93	cps
Boron	10-1	5966	5656	5790	5804	2.68	cps
Boron	11-1	26118	24880	24337	25112	3.63	cps
Bromine	81-1	51470	50002	50828	50766	1.45	cps
Cadmium	111-1	2532	2340	2241	2371	6.25	cps
Cadmium	106-1	3542	3284	3167	3331	5.76	cps
Cadmium	108-1	79	83	108	90	17.47	cps
Calcium	43-1	37520	37349	37426	37432	0.23	cps
Calcium	44-1	611934	604986	600005	605642	0.99	cps
Carbon	12-1	5542933	5457767	5470864	5490521	0.84	cps
Carbon	12-2	52770	52370	52001	52380	0.73	cps
Chlorine	35-1	219558	220124	215847	218510	1.06	cps
Chlorine	35-2	1342	1225	1308	1292	4.65	cps
Chromium	52-2	4854	4647	4551	4684	3.31	cps
Cobalt	59-2	7239	7265	7565	7356	2.47	cps
Copper	63-2	27814	28288	28492	28198	1.23	cps
Dysprosium	156-1	2259	2409	2259	2309	3.75	cps
Dysprosium	156-2	880	857	830	856	2.92	cps
Erbium	164-1	2142	2150	2184	2159	1.02	cps
Erbium	164-2	737	840	857	811	8.01	cps
Gadolinium	160-1	2159	2234	2225	2206	1.86	cps
Gadolinium	160-2	1073	887	1017	992	9.65	cps
Holmium	165-1	8461641	8583698	8616147	8553829	0.95	cps
Holmium	165-2	3407199	3464941	2846013	3239384	10.55	cps
Indium	115-1	7892758	8277136	7996552	8055482	2.47	cps
Indium	115-2	1079383	1054082	873963	1002476	11.17	cps
Iron	54-2	82962	80593	83482	82346	1.87	cps
Iron	56-2	1567102	1532233	1527101	1542145	1.41	cps
Iron	57-2	37567	37338	36408	37104	1.65	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	A08015LDL	Dilution Factor :	25
Date & Time Acquired ::	2022-04-15 17:24:28	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	2704	2645	2747	2699	1.91	cps
Lead	206-1	61869	65472	62551	63297	3.02	cps
Lead	207-1	52652	53438	52702	52931	0.83	cps
Lead	208-1	247574	248509	244301	246794	0.90	cps
Lithium	6-1	6042713	6262473	5926098	6077094	2.81	cps
Magnesium	24-2	39078	39070	38911	39020	0.24	cps
Manganese	55-2	18362	19096	18539	18666	2.05	cps
Molybdenum	94-1	7177	7310	8544	7677	9.82	cps
Molybdenum	95-1	2900	2659	2667	2742	5.00	cps
Molybdenum	96-1	4351	3884	3976	4070	6.08	cps
Molybdenum	97-1	1850	1708	1650	1736	5.92	cps
Molybdenum	98-1	4584	4184	4167	4312	5.47	cps
Neodymium	150-1	3621	3347	3594	3521	4.28	cps
Neodymium	150-2	853	987	910	917	7.30	cps
Nickel	60-2	5761	5638	5745	5715	1.17	cps
Phosphorus	31-2	467	567	567	533	10.83	cps
Potassium	39-2	36221	37609	36338	36723	2.10	cps
Rhodium	103-1	7869851	7982900	7796938	7883230	1.19	cps
Rhodium	103-2	3097926	2926784	2469261	2831324	11.48	cps
Scandium	45-1	6526449	6511797	6316560	6451602	1.82	cps
Scandium	45-2	166256	163797	135407	155153	11.05	cps
Selenium	82-1	150	248	120	173	38.65	cps
Selenium	77-2	17	13	0	10	88.20	cps
Selenium	78-2	107	107	93	102	7.90	cps
Silicon	28-1	816117	869396	838193	841235	3.18	cps
Silver	107-1	408	275	242	308	28.60	cps
Silver	109-1	258	267	375	300	21.69	cps
Sodium	23-2	32053	30399	30048	30833	3.47	cps
Strontium	86-1	33148	33558	31645	32784	3.07	cps
Strontium	88-1	247743	244367	245085	245732	0.72	cps
Sulfur	34-1	294067	294223	298105	295465	0.77	cps
Terbium	159-1	9301103	9216697	9167539	9228446	0.73	cps
Terbium	159-2	3316968	3336403	2838692	3164021	8.91	cps
Thallium	203-1	683	658	775	706	8.71	cps
Thallium	205-1	1600	1734	1775	1703	5.37	cps
Tin	118-1	3159	2950	3184	3098	4.14	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	A08015LDL	Dilution Factor :	25
Date & Time Acquired ::	2022-04-15 17:24:28	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	51746	52054	50792	51531	1.28	cps
Uranium	238-1	4092	3817	3817	3909	4.06	cps
Vanadium	51-2	8276	7996	8579	8284	3.52	cps
Ytterbium	172-1	650	758	667	692	8.43	cps
Ytterbium	172-2	261	294	289	281	6.34	cps
Ytterbium	176-1	1667	1442	1383	1497	9.99	cps
Ytterbium	176-2	4117	4051	3173	3780	13.95	cps
Yttrium	89-1	13620004	13562670	13574676	13585783	0.22	cps
Yttrium	89-2	1262474	1237570	1024156	1174733	11.15	cps
Zinc	66-2	5518	5341	5524	5461	1.90	cps
Zirconium	90-1	15201	14758	14558	14839	2.22	cps
Zirconium	91-1	3142	3492	3317	3317	5.28	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01MSDLX5	Instrumnet Name :	P8
Client Sample ID :	A08015MSDL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 17:27:31	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	282459	282476	281707	282214	0.16	cps
Antimony	121-1	520677	522400	513029	518702	0.96	cps
Arsenic	75-2	20716	20300	20196	20404	1.35	cps
Barium	135-1	861761	839296	843123	848060	1.42	cps
Barium	137-1	1530083	1502779	1466732	1499865	2.12	cps
Beryllium	9-1	306450	311141	311133	309575	0.87	cps
Bismuth	209-1	5211688	5338239	5176996	5242308	1.62	cps
Bismuth	209-2	2335816	2520545	2459174	2438512	3.86	cps
Boron	10-1	46858	48383	49320	48187	2.58	cps
Boron	11-1	199033	211179	216892	209035	4.36	cps
Bromine	81-1	48757	53057	49369	50394	4.62	cps
Cadmium	111-1	190484	190298	186080	188954	1.32	cps
Cadmium	106-1	24614	24189	23863	24222	1.56	cps
Cadmium	108-1	14036	14053	13903	13998	0.59	cps
Calcium	43-1	488951	485592	483834	486126	0.53	cps
Calcium	44-1	7879783	7582436	7801050	7754423	1.99	cps
Carbon	12-1	6979773	7115875	7171595	7089081	1.39	cps
Carbon	12-2	66384	68402	65454	66747	2.26	cps
Chlorine	35-1	203910	206978	199481	203456	1.85	cps
Chlorine	35-2	1167	1142	1292	1200	6.70	cps
Chromium	52-2	186853	184887	183581	185107	0.89	cps
Cobalt	59-2	350795	347131	341840	346589	1.30	cps
Copper	63-2	2862087	2992647	2880627	2911787	2.43	cps
Dysprosium	156-1	12999	13232	13065	13099	0.92	cps
Dysprosium	156-2	4417	4738	4604	4586	3.51	cps
Erbium	164-1	11981	12156	11914	12017	1.04	cps
Erbium	164-2	4294	4571	4217	4361	4.26	cps
Gadolinium	160-1	12147	12298	11639	12028	2.87	cps
Gadolinium	160-2	4994	5014	5228	5079	2.55	cps
Holmium	165-1	9074131	8724584	8847852	8882189	2.00	cps
Holmium	165-2	3420720	3486830	3447781	3451777	0.96	cps
Indium	115-1	8413187	8085755	7812430	8103791	3.71	cps
Indium	115-2	1075050	1073047	1069437	1072512	0.27	cps
Iron	54-2	819025	792310	784824	798720	2.25	cps
Iron	56-2	15212322	14840924	14611982	14888409	2.03	cps
Iron	57-2	372580	364075	352367	363007	2.80	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01MSDLX5	Instrumnet Name :	P8
Client Sample ID :	A08015MSDL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 17:27:31	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	2741	2670	2646	2686	1.84	cps
Lead	206-1	2832796	2733717	2781210	2782575	1.78	cps
Lead	207-1	2416917	2388295	2385613	2396942	0.72	cps
Lead	208-1	11143872	10880512	11119435	11047940	1.32	cps
Lithium	6-1	6385608	6479885	6093680	6319724	3.19	cps
Magnesium	24-2	1782452	1730351	1749542	1754115	1.50	cps
Manganese	55-2	1128262	1105485	1103291	1112346	1.24	cps
Molybdenum	94-1	1433238	1458786	1408136	1433387	1.77	cps
Molybdenum	95-1	1705285	1736788	1731136	1724403	0.97	cps
Molybdenum	96-1	1962709	1941665	1950348	1951574	0.54	cps
Molybdenum	97-1	1056203	1049244	1057200	1054216	0.41	cps
Molybdenum	98-1	2776961	2699656	2798696	2758438	1.89	cps
Neodymium	150-1	18680	18653	18259	18531	1.27	cps
Neodymium	150-2	5221	4894	5214	5110	3.66	cps
Nickel	60-2	116439	112071	110769	113093	2.63	cps
Phosphorus	31-2	2475	2650	2467	2531	4.09	cps
Potassium	39-2	666909	669233	659650	665264	0.75	cps
Rhodium	103-1	7733165	7998836	7649674	7793892	2.34	cps
Rhodium	103-2	3007805	2996918	3015313	3006678	0.31	cps
Scandium	45-1	6643934	6693729	6697575	6678413	0.45	cps
Scandium	45-2	166413	166377	165208	166000	0.41	cps
Selenium	82-1	17527	17102	17218	17282	1.27	cps
Selenium	77-2	437	487	387	437	11.45	cps
Selenium	78-2	1578	1563	1471	1538	3.77	cps
Silicon	28-1	5360149	5357463	5213504	5310372	1.58	cps
Silver	107-1	881432	854115	848158	861235	2.06	cps
Silver	109-1	833047	836626	817983	829219	1.19	cps
Sodium	23-2	2893296	2918509	2923739	2911848	0.56	cps
Strontium	86-1	411460	418361	408290	412703	1.25	cps
Strontium	88-1	3598694	3604956	3513365	3572338	1.43	cps
Sulfur	34-1	331997	329370	330753	330707	0.40	cps
Terbium	159-1	9419019	9065889	9301031	9261979	1.94	cps
Terbium	159-2	3275781	3242916	3453322	3324006	3.41	cps
Thallium	203-1	520670	492824	484841	499445	3.77	cps
Thallium	205-1	1222094	1168731	1175707	1188844	2.44	cps
Tin	118-1	527339	517139	504714	516397	2.19	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01MSDLX5	Instrumnet Name :	P8
Client Sample ID :	A08015MSDL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 17:27:31	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	885161	881931	873482	880191	0.69	cps
Uranium	238-1	1533599	1639900	1626853	1600117	3.62	cps
Vanadium	51-2	180091	177985	177539	178538	0.76	cps
Ytterbium	172-1	3684	3801	3751	3745	1.56	cps
Ytterbium	172-2	1672	1511	1645	1609	5.35	cps
Ytterbium	176-1	3609	3826	3792	3742	3.12	cps
Ytterbium	176-2	4840	4795	4895	4844	1.03	cps
Yttrium	89-1	14024420	13612801	13928041	13855087	1.55	cps
Yttrium	89-2	1270790	1274663	1279898	1275117	0.36	cps
Zinc	66-2	296439	296795	294609	295948	0.40	cps
Zirconium	90-1	1298901	1268820	1250609	1272776	1.92	cps
Zirconium	91-1	279656	286582	281933	282724	1.25	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	A08015MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 17:30:28	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	279031	279681	280631	279781	0.29	cps
Antimony	121-1	529683	533452	522824	528653	1.02	cps
Arsenic	75-2	21030	20362	20411	20601	1.81	cps
Barium	135-1	879630	891793	855871	875765	2.09	cps
Barium	137-1	1491708	1507728	1522763	1507400	1.03	cps
Beryllium	9-1	315327	311799	320377	315835	1.37	cps
Bismuth	209-1	5384696	5506147	5225037	5371960	2.62	cps
Bismuth	209-2	2443007	2527158	2467609	2479258	1.75	cps
Boron	10-1	49990	53613	54168	52590	4.31	cps
Boron	11-1	216166	232095	244323	230861	6.12	cps
Bromine	81-1	51680	49169	52766	51205	3.60	cps
Cadmium	111-1	196886	196466	191713	195022	1.47	cps
Cadmium	106-1	24272	25917	24831	25007	3.34	cps
Cadmium	108-1	13986	14283	14162	14144	1.05	cps
Calcium	43-1	462319	460527	462612	461819	0.24	cps
Calcium	44-1	7334927	7462877	7464457	7420754	1.00	cps
Carbon	12-1	6869447	6937173	6968824	6925148	0.73	cps
Carbon	12-2	65848	65221	65288	65453	0.53	cps
Chlorine	35-1	182105	182585	180808	181832	0.51	cps
Chlorine	35-2	1175	1050	1042	1089	6.86	cps
Chromium	52-2	186724	185239	185064	185676	0.49	cps
Cobalt	59-2	347610	338138	341707	342485	1.40	cps
Copper	63-2	2910652	2887472	2918019	2905381	0.55	cps
Dysprosium	156-1	13207	13566	13858	13543	2.41	cps
Dysprosium	156-2	4914	4714	4774	4801	2.14	cps
Erbium	164-1	11781	12048	11964	11931	1.15	cps
Erbium	164-2	4648	4417	4591	4552	2.63	cps
Gadolinium	160-1	11847	11756	11681	11761	0.71	cps
Gadolinium	160-2	5301	5148	5278	5242	1.58	cps
Holmium	165-1	8752782	9050128	8784653	8862521	1.84	cps
Holmium	165-2	3499077	3463648	3452713	3471813	0.70	cps
Indium	115-1	8115951	8133016	8311882	8186949	1.33	cps
Indium	115-2	1080999	1084687	1086850	1084179	0.27	cps
Iron	54-2	843864	868770	841283	851306	1.78	cps
Iron	56-2	15934969	15581225	15671427	15729207	1.17	cps
Iron	57-2	381835	379527	373807	378390	1.09	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	A08015MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 17:30:28	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	2721	2696	2569	2662	3.07	cps
Lead	206-1	2823020	2919626	2831525	2858057	1.87	cps
Lead	207-1	2489497	2551624	2492487	2511203	1.40	cps
Lead	208-1	11500628	11698569	11239120	11479439	2.01	cps
Lithium	6-1	6063726	6040271	6236921	6113639	1.76	cps
Magnesium	24-2	1751576	1720649	1775624	1749283	1.58	cps
Manganese	55-2	1116697	1109178	1124817	1116898	0.70	cps
Molybdenum	94-1	1436451	1417105	1396775	1416777	1.40	cps
Molybdenum	95-1	1769372	1769212	1686457	1741680	2.75	cps
Molybdenum	96-1	2006709	1958821	1908941	1958157	2.50	cps
Molybdenum	97-1	1108547	1085882	1061554	1085327	2.17	cps
Molybdenum	98-1	2865086	2833929	2802042	2833686	1.11	cps
Neodymium	150-1	19234	20156	19728	19706	2.34	cps
Neodymium	150-2	5775	5518	5465	5586	2.97	cps
Nickel	60-2	116564	112538	114514	114539	1.76	cps
Phosphorus	31-2	2434	2625	2134	2397	10.34	cps
Potassium	39-2	696443	683203	684138	687928	1.07	cps
Rhodium	103-1	8075514	7995241	7796065	7955607	1.81	cps
Rhodium	103-2	2983371	3051317	2990179	3008289	1.24	cps
Scandium	45-1	6585367	6661814	6512092	6586424	1.14	cps
Scandium	45-2	169935	167310	168355	168533	0.78	cps
Selenium	82-1	17526	17429	17643	17533	0.61	cps
Selenium	77-2	450	430	480	453	5.55	cps
Selenium	78-2	1663	1595	1501	1587	5.13	cps
Silicon	28-1	4816231	6296237	4937561	5350010	15.36	cps
Silver	107-1	898509	879100	868194	881934	1.74	cps
Silver	109-1	859879	853808	847762	853816	0.71	cps
Sodium	23-2	3000972	2852641	2905896	2919836	2.57	cps
Strontium	86-1	406373	407400	391056	401609	2.28	cps
Strontium	88-1	3460297	3430402	3379421	3423373	1.19	cps
Sulfur	34-1	345462	346244	344018	345241	0.33	cps
Terbium	159-1	9337096	9559817	9244185	9380366	1.73	cps
Terbium	159-2	3518067	3508779	3523870	3516906	0.22	cps
Thallium	203-1	505772	500127	511957	505952	1.17	cps
Thallium	205-1	1225731	1201525	1202636	1209964	1.13	cps
Tin	118-1	501254	514935	516666	510951	1.65	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	A08015MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 17:30:28	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	855307	870453	836943	854234	1.96	cps
Uranium	238-1	1590555	1672822	1594645	1619341	2.86	cps
Vanadium	51-2	184148	179350	176406	179968	2.17	cps
Ytterbium	172-1	3542	3684	3484	3570	2.88	cps
Ytterbium	172-2	1667	1522	1428	1539	7.82	cps
Ytterbium	176-1	3626	3459	3426	3503	3.06	cps
Ytterbium	176-2	4740	5062	5451	5084	7.01	cps
Yttrium	89-1	14109533	13790921	13372608	13757688	2.69	cps
Yttrium	89-2	1280219	1287039	1272708	1279989	0.56	cps
Zinc	66-2	300631	301398	299969	300666	0.24	cps
Zirconium	90-1	1291395	1264344	1236396	1264045	2.18	cps
Zirconium	91-1	286728	283191	276921	282280	1.76	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	A08015ADL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 17:33:24	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	281050	276079	279502	278877	0.91	cps
Antimony	121-1	540100	529319	516510	528643	2.23	cps
Arsenic	75-2	20287	20493	19970	20250	1.30	cps
Barium	135-1	897161	903849	876520	892510	1.60	cps
Barium	137-1	1573254	1593254	1507553	1558020	2.88	cps
Beryllium	9-1	315252	317799	317502	316851	0.44	cps
Bismuth	209-1	5375159	5197772	5339451	5304127	1.77	cps
Bismuth	209-2	2506461	2358290	2406407	2423719	3.12	cps
Boron	10-1	52546	54856	55600	54334	2.93	cps
Boron	11-1	218687	231952	237048	229229	4.13	cps
Bromine	81-1	47852	45703	46928	46828	2.30	cps
Cadmium	111-1	196122	194425	193745	194764	0.63	cps
Cadmium	106-1	25591	24405	24606	24867	2.55	cps
Cadmium	108-1	14562	13795	14078	14145	2.74	cps
Calcium	43-1	463221	457163	455728	458704	0.87	cps
Calcium	44-1	7484806	7343403	7323194	7383801	1.19	cps
Carbon	12-1	6878419	7168211	7105756	7050795	2.16	cps
Carbon	12-2	64702	67071	67196	66323	2.12	cps
Chlorine	35-1	182440	180508	178728	180559	1.03	cps
Chlorine	35-2	967	967	1075	1003	6.24	cps
Chromium	52-2	188133	185673	186762	186856	0.66	cps
Cobalt	59-2	347497	345267	345942	346235	0.33	cps
Copper	63-2	2976852	2971119	2936333	2961434	0.74	cps
Dysprosium	156-1	13399	13616	14884	13966	5.74	cps
Dysprosium	156-2	5131	4678	4731	4846	5.11	cps
Erbium	164-1	12490	12106	12131	12242	1.75	cps
Erbium	164-2	4484	4391	4561	4479	1.90	cps
Gadolinium	160-1	11889	12773	12256	12306	3.61	cps
Gadolinium	160-2	5121	5098	4991	5070	1.37	cps
Holmium	165-1	8972694	8979188	9085309	9012397	0.70	cps
Holmium	165-2	3628932	3416527	3390852	3478770	3.76	cps
Indium	115-1	8336557	8235468	7983497	8185174	2.22	cps
Indium	115-2	1128148	1044932	1040342	1071141	4.61	cps
Iron	54-2	854726	883202	879432	872453	1.77	cps
Iron	56-2	16197255	16428305	16521629	16382396	1.02	cps
Iron	57-2	394438	399236	398067	397247	0.63	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	A08015ADL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 17:33:24	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	2617	2734	2654	2668	2.23	cps
Lead	206-1	3090351	2975275	2813819	2959815	4.69	cps
Lead	207-1	2632418	2542097	2418548	2531021	4.24	cps
Lead	208-1	11965017	11633148	11296303	11631490	2.87	cps
Lithium	6-1	6070570	6351543	6384168	6268760	2.75	cps
Magnesium	24-2	1791275	1719996	1763085	1758119	2.04	cps
Manganese	55-2	1119650	1132092	1154300	1135347	1.55	cps
Molybdenum	94-1	1463918	1430730	1412911	1435853	1.80	cps
Molybdenum	95-1	1792255	1731352	1704948	1742852	2.57	cps
Molybdenum	96-1	2021516	1973656	1979753	1991642	1.31	cps
Molybdenum	97-1	1089142	1067873	1066958	1074658	1.17	cps
Molybdenum	98-1	2810473	2814225	2751442	2792047	1.26	cps
Neodymium	150-1	20469	21197	20643	20770	1.83	cps
Neodymium	150-2	5781	5995	5705	5827	2.58	cps
Nickel	60-2	114632	115167	113506	114435	0.74	cps
Phosphorus	31-2	2200	2250	2459	2303	5.95	cps
Potassium	39-2	698171	671992	682914	684359	1.92	cps
Rhodium	103-1	7858692	7837143	7766797	7820877	0.61	cps
Rhodium	103-2	3082892	2924071	2902088	2969683	3.32	cps
Scandium	45-1	6693883	6750331	6603374	6682529	1.11	cps
Scandium	45-2	173165	161872	158162	164399	4.75	cps
Selenium	82-1	18074	17530	17404	17669	2.01	cps
Selenium	77-2	433	443	433	437	1.32	cps
Selenium	78-2	1590	1501	1521	1538	3.04	cps
Silicon	28-1	5658750	4877036	5135524	5223770	7.62	cps
Silver	107-1	936322	886376	902487	908395	2.81	cps
Silver	109-1	868433	880859	861311	870201	1.14	cps
Sodium	23-2	2942438	2932001	2935282	2936574	0.18	cps
Strontium	86-1	404905	400253	392999	399386	1.50	cps
Strontium	88-1	3502863	3382872	3398716	3428150	1.90	cps
Sulfur	34-1	322870	325688	325040	324533	0.45	cps
Terbium	159-1	9435936	9789102	9127829	9450956	3.50	cps
Terbium	159-2	3594438	3260963	3346221	3400541	5.09	cps
Thallium	203-1	525129	513843	515551	518174	1.17	cps
Thallium	205-1	1277067	1270707	1241465	1263080	1.50	cps
Tin	118-1	517427	517868	501618	512304	1.81	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	A08015ADL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 17:33:24	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	894876	855977	855156	868670	2.61	cps
Uranium	238-1	1677735	1602689	1599270	1626565	2.73	cps
Vanadium	51-2	182260	183729	183142	183044	0.40	cps
Ytterbium	172-1	3384	3459	3884	3576	7.54	cps
Ytterbium	172-2	1617	1439	1378	1478	8.40	cps
Ytterbium	176-1	3142	3401	3651	3398	7.48	cps
Ytterbium	176-2	5151	5062	4818	5010	3.45	cps
Yttrium	89-1	14246800	14069403	13697815	14004673	2.00	cps
Yttrium	89-2	1359844	1228960	1232551	1273785	5.85	cps
Zinc	66-2	301357	299977	299368	300234	0.34	cps
Zirconium	90-1	1290366	1271496	1270683	1277515	0.87	cps
Zirconium	91-1	289046	279795	284887	284576	1.63	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-02DLX5	Instrumnet Name :	P8
Client Sample ID :	A13015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 17:36:21	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	370198	366990	367583	368257	0.46	cps
Antimony	121-1	4434	5059	5101	4865	7.68	cps
Arsenic	75-2	3416	3355	3449	3406	1.40	cps
Barium	135-1	406168	401547	399666	402460	0.83	cps
Barium	137-1	709012	691831	701002	700615	1.23	cps
Beryllium	9-1	3672	3694	3662	3676	0.45	cps
Bismuth	209-1	5554051	5243604	5252419	5350024	3.30	cps
Bismuth	209-2	2475987	2461580	2484012	2473860	0.46	cps
Boron	10-1	11148	10928	10858	10978	1.38	cps
Boron	11-1	47379	46019	45945	46448	1.74	cps
Bromine	81-1	52765	50838	52102	51902	1.89	cps
Cadmium	111-1	14818	14136	14224	14393	2.58	cps
Cadmium	106-1	5193	4743	4876	4937	4.68	cps
Cadmium	108-1	996	954	979	976	2.15	cps
Calcium	43-1	514947	505333	507834	509371	0.98	cps
Calcium	44-1	8274563	8074959	8116222	8155248	1.29	cps
Carbon	12-1	9566871	9888810	10048315	9834666	2.49	cps
Carbon	12-2	93564	91686	92567	92606	1.01	cps
Chlorine	35-1	184711	186367	185605	185561	0.45	cps
Chlorine	35-2	1042	1142	1225	1136	8.08	cps
Chromium	52-2	39993	39658	39875	39842	0.43	cps
Cobalt	59-2	55026	55053	53115	54398	2.04	cps
Copper	63-2	365878	370038	368725	368213	0.58	cps
Dysprosium	156-1	15943	15526	16728	16066	3.80	cps
Dysprosium	156-2	5555	5721	5751	5676	1.87	cps
Erbium	164-1	14225	13974	13299	13833	3.46	cps
Erbium	164-2	4881	4908	4951	4913	0.72	cps
Gadolinium	160-1	14600	14458	14784	14614	1.12	cps
Gadolinium	160-2	6552	6505	6131	6396	3.60	cps
Holmium	165-1	9068487	9116763	8985247	9056833	0.73	cps
Holmium	165-2	3417543	3502623	3493314	3471160	1.34	cps
Indium	115-1	8410849	8429926	8197095	8345957	1.55	cps
Indium	115-2	1099294	1106936	1106078	1104103	0.38	cps
Iron	54-2	2220193	2279133	2237161	2245495	1.35	cps
Iron	56-2	40336648	39109174	39048858	39498227	1.84	cps
Iron	57-2	962819	939132	954355	952102	1.26	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-02DLX5	Instrumnet Name :	P8
Client Sample ID :	A13015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 17:36:21	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	2676	2727	2774	2726	1.79	cps
Lead	206-1	3625787	3628470	3614341	3622866	0.21	cps
Lead	207-1	3055186	3085661	3043692	3061513	0.71	cps
Lead	208-1	14255543	14217018	13993025	14155195	1.00	cps
Lithium	6-1	6111375	6690599	6266855	6356276	4.72	cps
Magnesium	24-2	1108127	1155214	1107089	1123476	2.45	cps
Manganese	55-2	851579	870276	849908	857254	1.32	cps
Molybdenum	94-1	52450	52684	54165	53099	1.75	cps
Molybdenum	95-1	14399	14983	14500	14628	2.13	cps
Molybdenum	96-1	25691	25257	25566	25505	0.88	cps
Molybdenum	97-1	8786	8111	8578	8492	4.07	cps
Molybdenum	98-1	23679	23537	23253	23490	0.92	cps
Neodymium	150-1	24623	23768	23761	24051	2.06	cps
Neodymium	150-2	6628	6532	6608	6589	0.77	cps
Nickel	60-2	39221	40117	38997	39445	1.50	cps
Phosphorus	31-2	1450	1650	1592	1564	6.58	cps
Potassium	39-2	118579	117216	115387	117060	1.37	cps
Rhodium	103-1	8039588	7978006	7920788	7979460	0.74	cps
Rhodium	103-2	3021754	2977175	3085990	3028306	1.81	cps
Scandium	45-1	6711820	6759594	6642151	6704522	0.88	cps
Scandium	45-2	169020	166682	167419	167707	0.71	cps
Selenium	82-1	539	421	475	478	12.30	cps
Selenium	77-2	40	43	73	52	35.15	cps
Selenium	78-2	137	141	152	143	5.42	cps
Silicon	28-1	5823729	5797147	6391414	6004097	5.59	cps
Silver	107-1	2934	2642	2525	2700	7.79	cps
Silver	109-1	2284	2542	2184	2336	7.92	cps
Sodium	23-2	68620	66938	66679	67412	1.56	cps
Strontium	86-1	221334	221963	219398	220899	0.61	cps
Strontium	88-1	1896926	1894742	1917885	1903184	0.67	cps
Sulfur	34-1	382395	381958	390999	385117	1.32	cps
Terbium	159-1	9586037	9298528	9542954	9475840	1.64	cps
Terbium	159-2	3421314	3609274	3537484	3522690	2.69	cps
Thallium	203-1	2625	2850	2675	2717	4.35	cps
Thallium	205-1	6660	6569	6093	6441	4.73	cps
Tin	118-1	17996	19652	18087	18578	5.01	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-02DLX5	Instrumnet Name :	P8
Client Sample ID :	A13015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 17:36:21	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	273697	265551	262289	267179	2.20	cps
Uranium	238-1	14192	14308	13958	14153	1.26	cps
Vanadium	51-2	46077	45044	45723	45615	1.15	cps
Ytterbium	172-1	4176	4226	4242	4215	0.82	cps
Ytterbium	172-2	2045	1711	1845	1867	8.99	cps
Ytterbium	176-1	3759	4026	3392	3726	8.54	cps
Ytterbium	176-2	4923	5190	5412	5175	4.73	cps
Yttrium	89-1	13839013	14087790	14114796	14013866	1.08	cps
Yttrium	89-2	1288485	1288080	1289000	1288522	0.04	cps
Zinc	66-2	270493	271062	267754	269770	0.66	cps
Zirconium	90-1	124050	126271	126565	125629	1.09	cps
Zirconium	91-1	27085	27778	27862	27575	1.55	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 17:51:00	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2822695	2759162	2736878	2772912	1.61	cps
Antimony	121-1	2873338	2905820	2909442	2896200	0.69	cps
Arsenic	75-2	84256	82677	84663	83865	1.25	cps
Barium	135-1	4030750	4086205	4051354	4056103	0.69	cps
Barium	137-1	6786773	6981056	6943952	6903927	1.49	cps
Beryllium	9-1	1530862	1506787	1549077	1528909	1.39	cps
Bismuth	209-1	5036978	5142089	4930128	5036399	2.10	cps
Bismuth	209-2	2223146	2305557	2334200	2287635	2.52	cps
Boron	10-1	373035	392118	405953	390369	4.23	cps
Boron	11-1	1591511	1632476	1671428	1631805	2.45	cps
Bromine	81-1	45109	46536	45663	45769	1.57	cps
Cadmium	111-1	882584	884296	872825	879902	0.70	cps
Cadmium	106-1	103699	99939	99207	100948	2.39	cps
Cadmium	108-1	66527	67879	67084	67163	1.01	cps
Calcium	43-1	6974667	7109808	6890937	6991804	1.58	cps
Calcium	44-1	110288149	113157216	109718335	111054567	1.66	cps
Carbon	12-1	6332170	6513914	6673907	6506664	2.63	cps
Carbon	12-2	66174	69348	69582	68368	2.78	cps
Chlorine	35-1	156364	155254	155429	155682	0.38	cps
Chlorine	35-2	1158	1125	1150	1145	1.52	cps
Chromium	52-2	859027	843620	846088	849578	0.97	cps
Cobalt	59-2	1534436	1528183	1573816	1545478	1.60	cps
Copper	63-2	11873076	12218120	12105300	12065499	1.46	cps
Dysprosium	156-1	475	467	467	469	1.02	cps
Dysprosium	156-2	133	180	207	173	21.41	cps
Erbium	164-1	167	200	108	158	29.30	cps
Erbium	164-2	47	53	47	49	7.86	cps
Gadolinium	160-1	342	367	392	367	6.82	cps
Gadolinium	160-2	193	190	213	199	6.35	cps
Holmium	165-1	9515238	9551070	9487274	9517861	0.34	cps
Holmium	165-2	3633624	3645243	3599156	3626008	0.66	cps
Indium	115-1	8129076	8194108	7884706	8069297	2.02	cps
Indium	115-2	1047294	1049969	1058401	1051888	0.55	cps
Iron	54-2	9597575	9575117	9612367	9595019	0.20	cps
Iron	56-2	175136971	173314482	174766621	174406024	0.55	cps
Iron	57-2	4335366	4388878	4414740	4379661	0.92	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 17:51:00	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	2512	2621	2669	2601	3.08	cps
Lead	206-1	11327728	11221177	11073413	11207440	1.14	cps
Lead	207-1	9677177	9710736	9378623	9588845	1.91	cps
Lead	208-1	44074565	45004754	43115568	44064962	2.14	cps
Lithium	6-1	6212288	6132148	6206925	6183787	0.72	cps
Magnesium	24-2	37187137	37097684	36439806	36908209	1.11	cps
Manganese	55-2	4761051	4678076	4736247	4725124	0.90	cps
Molybdenum	94-1	12754629	12306429	12414851	12491970	1.87	cps
Molybdenum	95-1	17962277	17916876	17969075	17949410	0.16	cps
Molybdenum	96-1	19689912	19718975	19677746	19695544	0.11	cps
Molybdenum	97-1	11194178	11075528	10954253	11074653	1.08	cps
Molybdenum	98-1	28942032	28755696	28787454	28828394	0.35	cps
Neodymium	150-1	300	240	313	284	13.73	cps
Neodymium	150-2	33	23	17	24	34.31	cps
Nickel	60-2	405645	402216	400526	402795	0.65	cps
Phosphorus	31-2	30399	31051	31660	31037	2.03	cps
Potassium	39-2	13703725	13598062	13430884	13577557	1.01	cps
Rhodium	103-1	7565790	7401701	7430610	7466034	1.17	cps
Rhodium	103-2	2831201	2847251	2947455	2875302	2.19	cps
Scandium	45-1	6702290	6738079	6612173	6684181	0.97	cps
Scandium	45-2	169597	166167	171037	168934	1.48	cps
Selenium	82-1	77654	77903	77471	77676	0.28	cps
Selenium	77-2	1960	1920	1900	1927	1.59	cps
Selenium	78-2	6725	6705	6595	6675	1.05	cps
Silicon	28-1	25072466	24991930	25337934	25134110	0.72	cps
Silver	107-1	4680500	4675208	4511524	4622411	2.08	cps
Silver	109-1	4415925	4471517	4370321	4419254	1.15	cps
Sodium	23-2	71699118	71244458	71104229	71349268	0.44	cps
Strontium	86-1	1278030	1286071	1269076	1277726	0.67	cps
Strontium	88-1	10984935	11113209	10618192	10905445	2.36	cps
Sulfur	34-1	854264	836877	850225	847122	1.07	cps
Terbium	159-1	9971569	9946420	9892530	9936840	0.41	cps
Terbium	159-2	3513305	3643435	3494399	3550380	2.29	cps
Thallium	203-1	2858766	2636026	2744229	2746340	4.06	cps
Thallium	205-1	6525139	6424955	6482701	6477598	0.78	cps
Tin	118-1	2916294	2904357	2757033	2859228	3.10	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 17:51:00	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6178132	6314984	6046793	6179969	2.17	cps
Uranium	238-1	8773360	8552803	8537782	8621315	1.53	cps
Vanadium	51-2	700835	698240	700371	699815	0.20	cps
Ytterbium	172-1	167	117	183	156	22.30	cps
Ytterbium	172-2	61	44	39	48	24.01	cps
Ytterbium	176-1	13708	12590	12623	12973	4.90	cps
Ytterbium	176-2	8347	8770	9353	8823	5.73	cps
Yttrium	89-1	14428161	14246751	13597439	14090784	3.10	cps
Yttrium	89-2	1266478	1262537	1271447	1266821	0.35	cps
Zinc	66-2	1527735	1521231	1520534	1523167	0.26	cps
Zirconium	90-1	6754927	6639377	6447110	6613805	2.35	cps
Zirconium	91-1	1485200	1487892	1473355	1482149	0.52	cps

LB Number : LB119720 Operator : Jaswal
 Lab Sample ID : CCB12 Instrumnet Name : P8
 Client Sample ID : CCB12 Dilution Factor : 1
 Date & Time Acquired :: 2022-04-15 18:00:41 DataFile Name : 034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	84	77	104	88	15.52	cps
Antimony	121-1	317	317	492	375	26.94	cps
Arsenic	75-2	10	9	7	9	17.63	cps
Barium	135-1	92	25	42	53	65.74	cps
Barium	137-1	67	75	100	81	21.53	cps
Beryllium	9-1	56	120	74	83	39.61	cps
Bismuth	209-1	4936656	5043155	5203362	5061057	2.65	cps
Bismuth	209-2	2392043	2420637	2325149	2379276	2.06	cps
Boron	10-1	12385	11222	11436	11681	5.30	cps
Boron	11-1	50680	50912	48387	49993	2.79	cps
Bromine	81-1	47622	47733	46988	47447	0.85	cps
Cadmium	111-1	1986	2025	2129	2047	3.62	cps
Cadmium	106-1	2817	2867	3000	2895	3.27	cps
Cadmium	108-1	46	75	54	58	25.76	cps
Calcium	43-1	215	206	192	205	5.54	cps
Calcium	44-1	7430	7131	7136	7232	2.37	cps
Carbon	12-1	5134674	5016751	5088130	5079852	1.17	cps
Carbon	12-2	48130	49141	48481	48584	1.06	cps
Chlorine	35-1	130166	129277	128950	129464	0.49	cps
Chlorine	35-2	800	692	808	767	8.49	cps
Chromium	52-2	657	680	633	657	3.55	cps
Cobalt	59-2	53	60	67	60	11.12	cps
Copper	63-2	677	737	667	693	5.46	cps
Dysprosium	156-1	25	17	25	22	21.64	cps
Dysprosium	156-2	0	3	10	4	114.60	cps
Erbium	164-1	50	33	92	58	51.51	cps
Erbium	164-2	23	10	27	20	44.10	cps
Gadolinium	160-1	50	33	25	36	35.25	cps
Gadolinium	160-2	50	43	73	56	28.35	cps
Holmium	165-1	8586465	8654638	8772155	8671086	1.08	cps
Holmium	165-2	3420942	3311886	3458255	3397027	2.24	cps
Indium	115-1	7763708	7915897	7975531	7885045	1.39	cps
Indium	115-2	1057401	1046049	1051079	1051509	0.54	cps
Iron	54-2	500	467	506	491	4.29	cps
Iron	56-2	4873	4451	4323	4549	6.33	cps
Iron	57-2	106	117	122	115	7.39	cps

LB Number : LB119720 Operator : Jaswal
 Lab Sample ID : CCB12 Instrumnet Name : P8
 Client Sample ID : CCB12 Dilution Factor : 1
 Date & Time Acquired :: 2022-04-15 18:00:41 DataFile Name : 034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	2644	2629	2594	2622	0.98	cps
Lead	206-1	867	817	889	857	4.31	cps
Lead	207-1	972	689	817	826	17.18	cps
Lead	208-1	3911	3456	3611	3660	6.33	cps
Lithium	6-1	6143792	6261784	6169187	6191588	1.00	cps
Magnesium	24-2	700	625	617	647	7.09	cps
Manganese	55-2	80	100	103	94	13.36	cps
Molybdenum	94-1	525	350	500	458	20.65	cps
Molybdenum	95-1	325	317	317	319	1.51	cps
Molybdenum	96-1	692	508	642	614	15.44	cps
Molybdenum	97-1	150	175	117	147	19.88	cps
Molybdenum	98-1	525	458	383	456	15.56	cps
Neodymium	150-1	20	7	13	13	49.99	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	53	53	60	56	6.93	cps
Phosphorus	31-2	100	58	58	72	33.31	cps
Potassium	39-2	14324	14891	13765	14327	3.93	cps
Rhodium	103-1	7501726	7634424	7325947	7487366	2.07	cps
Rhodium	103-2	2942064	2912957	2915757	2923593	0.55	cps
Scandium	45-1	6013228	6359071	6375197	6249166	3.27	cps
Scandium	45-2	159391	160190	158368	159316	0.57	cps
Selenium	82-1	-21	14	58	17	236.72	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	80	75	72	76	5.34	cps
Silicon	28-1	614132	608227	618416	613592	0.83	cps
Silver	107-1	367	300	242	303	20.66	cps
Silver	109-1	233	233	283	250	11.55	cps
Sodium	23-2	17010	17561	16710	17094	2.52	cps
Strontium	86-1	4509	4142	4159	4270	4.85	cps
Strontium	88-1	392	242	317	317	23.68	cps
Sulfur	34-1	282830	284376	280394	282534	0.71	cps
Terbium	159-1	8702605	9095427	9339943	9045991	3.55	cps
Terbium	159-2	3350856	3350546	3398302	3366568	0.82	cps
Thallium	203-1	550	458	392	467	17.04	cps
Thallium	205-1	1208	925	950	1028	15.26	cps
Tin	118-1	925	892	933	917	2.41	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P8
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 18:00:41	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	375	258	192	275	33.75	cps
Uranium	238-1	75	67	67	69	6.93	cps
Vanadium	51-2	17	10	13	13	25.01	cps
Ytterbium	172-1	50	25	58	44	39.03	cps
Ytterbium	172-2	11	6	6	7	43.24	cps
Ytterbium	176-1	933	725	775	811	13.41	cps
Ytterbium	176-2	3595	3940	4323	3953	9.21	cps
Yttrium	89-1	13090295	13393858	13136314	13206822	1.24	cps
Yttrium	89-2	1217544	1229904	1190197	1212549	1.68	cps
Zinc	66-2	110	137	110	119	12.95	cps
Zirconium	90-1	608	633	808	683	15.95	cps
Zirconium	91-1	183	125	175	161	19.58	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-03DLX5	Instrumnet Name :	P8
Client Sample ID :	A13145DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 18:09:33	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	289369	286087	288332	287930	0.58	cps
Antimony	121-1	392	475	425	431	9.74	cps
Arsenic	75-2	917	910	909	912	0.48	cps
Barium	135-1	198047	197687	204016	199917	1.78	cps
Barium	137-1	342193	344166	349076	345145	1.03	cps
Beryllium	9-1	5720	5920	6024	5888	2.62	cps
Bismuth	209-1	5210515	5270732	5038776	5173341	2.33	cps
Bismuth	209-2	2513438	2450639	2486493	2483524	1.27	cps
Boron	10-1	7006	7002	7144	7051	1.15	cps
Boron	11-1	30269	29514	29883	29889	1.26	cps
Bromine	81-1	48355	50153	51792	50100	3.43	cps
Cadmium	111-1	2731	2659	2634	2675	1.89	cps
Cadmium	106-1	3501	3417	3359	3426	2.08	cps
Cadmium	108-1	200	208	221	210	5.00	cps
Calcium	43-1	122169	120605	122703	121826	0.89	cps
Calcium	44-1	2077860	1977790	2044889	2033513	2.51	cps
Carbon	12-1	7818628	8003870	7977344	7933281	1.26	cps
Carbon	12-2	74531	72630	73309	73490	1.31	cps
Chlorine	35-1	132949	131555	133672	132725	0.81	cps
Chlorine	35-2	767	808	825	800	3.76	cps
Chromium	52-2	16850	16767	16253	16623	1.95	cps
Cobalt	59-2	58861	58594	59722	59059	1.00	cps
Copper	63-2	158846	156808	157192	157616	0.69	cps
Dysprosium	156-1	16970	16636	16719	16775	1.04	cps
Dysprosium	156-2	5831	5605	5685	5707	2.02	cps
Erbium	164-1	15760	15743	15735	15746	0.08	cps
Erbium	164-2	5861	5811	6171	5948	3.28	cps
Gadolinium	160-1	14650	15651	15326	15209	3.36	cps
Gadolinium	160-2	6455	6538	6588	6527	1.03	cps
Holmium	165-1	9089686	8980671	8652052	8907470	2.56	cps
Holmium	165-2	3500019	3541414	3606877	3549437	1.52	cps
Indium	115-1	8410909	8281971	7950455	8214445	2.89	cps
Indium	115-2	1109353	1104610	1121926	1111963	0.80	cps
Iron	54-2	1142410	1138281	1169225	1149972	1.46	cps
Iron	56-2	22069650	22412451	21539993	22007365	2.00	cps
Iron	57-2	522404	522375	520879	521886	0.17	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-03DLX5	Instrumnet Name :	P8
Client Sample ID :	A13145DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 18:09:33	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	2649	2649	2601	2633	1.04	cps
Lead	206-1	331309	331307	333006	331874	0.30	cps
Lead	207-1	277614	283991	277966	279857	1.28	cps
Lead	208-1	1288765	1287362	1295755	1290627	0.35	cps
Lithium	6-1	6442439	6198119	5700078	6113545	6.19	cps
Magnesium	24-2	209002	207607	207263	207957	0.44	cps
Manganese	55-2	621422	619895	634280	625199	1.26	cps
Molybdenum	94-1	38111	37852	37501	37822	0.81	cps
Molybdenum	95-1	5385	5368	5543	5432	1.78	cps
Molybdenum	96-1	13057	13348	13490	13298	1.66	cps
Molybdenum	97-1	3334	3242	3309	3295	1.44	cps
Molybdenum	98-1	8620	8478	8153	8417	2.84	cps
Neodymium	150-1	23261	21858	22312	22477	3.18	cps
Neodymium	150-2	6338	6405	6211	6318	1.56	cps
Nickel	60-2	18539	18365	18025	18310	1.43	cps
Phosphorus	31-2	1058	992	1292	1114	14.14	cps
Potassium	39-2	151223	150518	152800	151513	0.77	cps
Rhodium	103-1	8267724	8085578	7524456	7959252	4.87	cps
Rhodium	103-2	3173013	3106818	3112454	3130762	1.17	cps
Scandium	45-1	6910186	6881485	6313950	6701874	5.02	cps
Scandium	45-2	171519	167849	173371	170913	1.64	cps
Selenium	82-1	681	738	688	702	4.39	cps
Selenium	77-2	53	53	60	56	6.93	cps
Selenium	78-2	172	156	158	162	5.38	cps
Silicon	28-1	4025719	4055537	4148986	4076747	1.58	cps
Silver	107-1	867	958	917	914	5.02	cps
Silver	109-1	867	733	675	758	12.96	cps
Sodium	23-2	72715	71375	70061	71384	1.86	cps
Strontium	86-1	158166	156260	155994	156807	0.76	cps
Strontium	88-1	1302733	1324810	1328760	1318768	1.06	cps
Sulfur	34-1	338702	339545	347468	341905	1.41	cps
Terbium	159-1	9336280	9364748	8964075	9221701	2.42	cps
Terbium	159-2	3489089	3452391	3575605	3505695	1.80	cps
Thallium	203-1	983	958	958	967	1.49	cps
Thallium	205-1	2484	2275	2309	2356	4.75	cps
Tin	118-1	3509	3276	3484	3423	3.74	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-03DLX5	Instrumnet Name :	P8
Client Sample ID :	A13145DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 18:09:33	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	239640	244117	243616	242458	1.01	cps
Uranium	238-1	22145	22053	22203	22134	0.34	cps
Vanadium	51-2	16940	17200	17494	17212	1.61	cps
Ytterbium	172-1	5310	5476	5485	5424	1.82	cps
Ytterbium	172-2	2395	2184	2195	2258	5.26	cps
Ytterbium	176-1	4368	4451	4201	4340	2.93	cps
Ytterbium	176-2	5446	5657	5623	5575	2.04	cps
Yttrium	89-1	14183380	14300105	13374845	13952776	3.61	cps
Yttrium	89-2	1308619	1324495	1319921	1317678	0.62	cps
Zinc	66-2	23556	22752	23834	23381	2.40	cps
Zirconium	90-1	97339	97709	95997	97015	0.93	cps
Zirconium	91-1	21509	21250	22335	21698	2.61	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-04DLX5	Instrumnet Name :	P8
Client Sample ID :	A12015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 18:12:33	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	312065	312330	311162	311852	0.20	cps
Antimony	121-1	2275	2342	2409	2342	2.85	cps
Arsenic	75-2	25712	25337	25766	25605	0.91	cps
Barium	135-1	266264	270637	262502	266467	1.53	cps
Barium	137-1	462488	465758	452440	460229	1.51	cps
Beryllium	9-1	2152	2080	2280	2170	4.67	cps
Bismuth	209-1	5436822	5228672	5243487	5302994	2.19	cps
Bismuth	209-2	2511172	2493983	2479776	2494977	0.63	cps
Boron	10-1	6530	6698	6488	6572	1.69	cps
Boron	11-1	27531	28210	28382	28041	1.61	cps
Bromine	81-1	50495	51389	49893	50592	1.49	cps
Cadmium	111-1	2734	2874	2715	2775	3.13	cps
Cadmium	106-1	3876	4142	3984	4001	3.35	cps
Cadmium	108-1	154	179	213	182	16.08	cps
Calcium	43-1	79108	81437	79617	80054	1.53	cps
Calcium	44-1	1321370	1319518	1317049	1319312	0.16	cps
Carbon	12-1	8424518	8420524	8459495	8434846	0.25	cps
Carbon	12-2	79181	78879	77882	78647	0.86	cps
Chlorine	35-1	139755	138830	138923	139169	0.37	cps
Chlorine	35-2	833	842	800	825	2.67	cps
Chromium	52-2	12526	12476	12869	12623	1.70	cps
Cobalt	59-2	5404	5071	5188	5221	3.24	cps
Copper	63-2	79897	78794	77239	78643	1.70	cps
Dysprosium	156-1	16060	15618	15601	15760	1.65	cps
Dysprosium	156-2	5725	5971	5818	5838	2.13	cps
Erbium	164-1	16703	16536	15785	16341	2.99	cps
Erbium	164-2	6362	5935	5991	6096	3.80	cps
Gadolinium	160-1	16669	15459	15910	16013	3.82	cps
Gadolinium	160-2	6632	6472	7175	6760	5.46	cps
Holmium	165-1	9076464	8820413	8980580	8959153	1.44	cps
Holmium	165-2	3527061	3519673	3555157	3533964	0.53	cps
Indium	115-1	8448472	8326051	8224148	8332891	1.35	cps
Indium	115-2	1130891	1134324	1137396	1134204	0.29	cps
Iron	54-2	1929184	1947232	1985553	1953990	1.47	cps
Iron	56-2	34954128	35555111	34790719	35099986	1.15	cps
Iron	57-2	850618	856311	848977	851969	0.45	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-04DLX5	Instrumnet Name :	P8
Client Sample ID :	A12015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 18:12:33	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	2730	2831	2816	2792	1.96	cps
Lead	206-1	344109	343065	339281	342152	0.74	cps
Lead	207-1	291921	290627	282804	288451	1.71	cps
Lead	208-1	1352545	1345187	1329252	1342328	0.89	cps
Lithium	6-1	6301056	6140067	6084029	6175051	1.82	cps
Magnesium	24-2	169456	163297	166515	166423	1.85	cps
Manganese	55-2	24398	25012	25156	24855	1.62	cps
Molybdenum	94-1	57738	57806	57269	57604	0.51	cps
Molybdenum	95-1	13290	13023	12940	13084	1.40	cps
Molybdenum	96-1	24798	23738	24823	24453	2.53	cps
Molybdenum	97-1	8019	7702	6985	7569	7.00	cps
Molybdenum	98-1	20374	19806	19890	20023	1.53	cps
Neodymium	150-1	16704	16964	16857	16842	0.78	cps
Neodymium	150-2	4671	4694	4517	4628	2.07	cps
Nickel	60-2	6732	6698	6575	6668	1.24	cps
Phosphorus	31-2	350	358	375	361	3.53	cps
Potassium	39-2	264252	266555	265489	265432	0.43	cps
Rhodium	103-1	8048197	8149385	8116455	8104679	0.64	cps
Rhodium	103-2	3162232	3113382	3127926	3134513	0.80	cps
Scandium	45-1	6911576	6822091	6922074	6885247	0.80	cps
Scandium	45-2	176073	172459	173418	173984	1.08	cps
Selenium	82-1	2649	2549	2594	2598	1.93	cps
Selenium	77-2	83	83	117	94	20.38	cps
Selenium	78-2	338	321	305	321	5.14	cps
Silicon	28-1	5225677	5106884	5091775	5141445	1.43	cps
Silver	107-1	2475	2584	2592	2550	2.55	cps
Silver	109-1	2409	2217	2292	2306	4.19	cps
Sodium	23-2	165316	165241	162484	164347	0.98	cps
Strontium	86-1	133609	133362	137491	134821	1.72	cps
Strontium	88-1	1114733	1115413	1124919	1118355	0.51	cps
Sulfur	34-1	561105	558745	549387	556413	1.11	cps
Terbium	159-1	9338746	9435791	9510570	9428369	0.91	cps
Terbium	159-2	3521297	3523779	3488176	3511084	0.57	cps
Thallium	203-1	4784	4993	5018	4932	2.60	cps
Thallium	205-1	11839	11772	11614	11742	0.99	cps
Tin	118-1	1967	1884	1892	1914	2.40	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-04DLX5	Instrumnet Name :	P8
Client Sample ID :	A12015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 18:12:33	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	12022	11438	11388	11616	3.03	cps
Uranium	238-1	18581	18289	17571	18147	2.86	cps
Vanadium	51-2	17371	17067	17598	17345	1.54	cps
Ytterbium	172-1	4468	4526	4576	4523	1.20	cps
Ytterbium	172-2	2045	1845	2022	1971	5.56	cps
Ytterbium	176-1	4001	4476	3976	4151	6.79	cps
Ytterbium	176-2	5557	5835	5585	5659	2.70	cps
Yttrium	89-1	14463457	14366041	14655640	14495046	1.02	cps
Yttrium	89-2	1350391	1339753	1326005	1338716	0.91	cps
Zinc	66-2	49841	48770	49286	49299	1.09	cps
Zirconium	90-1	142526	140870	143074	142157	0.81	cps
Zirconium	91-1	32330	31319	31804	31818	1.59	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-05DLX5	Instrumnet Name :	P8
Client Sample ID :	A12040DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 18:15:35	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	338660	333742	335134	335845	0.75	cps
Antimony	121-1	6318	7052	6402	6591	6.09	cps
Arsenic	75-2	19615	19776	19658	19683	0.42	cps
Barium	135-1	371796	372857	368013	370889	0.69	cps
Barium	137-1	637272	665116	644763	649050	2.22	cps
Beryllium	9-1	3568	3602	3498	3556	1.49	cps
Bismuth	209-1	5384990	5510740	5537047	5477592	1.48	cps
Bismuth	209-2	2578950	2500054	2447188	2508731	2.64	cps
Boron	10-1	5452	5392	5270	5371	1.73	cps
Boron	11-1	23781	23949	23352	23694	1.30	cps
Bromine	81-1	49852	51821	51419	51031	2.04	cps
Cadmium	111-1	7999	7962	7481	7814	3.70	cps
Cadmium	106-1	4809	4684	4276	4590	6.08	cps
Cadmium	108-1	508	567	458	511	10.61	cps
Calcium	43-1	149663	149095	146858	148538	1.00	cps
Calcium	44-1	2487743	2477561	2353123	2439476	3.07	cps
Carbon	12-1	9313790	9274794	9371153	9319912	0.52	cps
Carbon	12-2	85307	84384	87360	85684	1.78	cps
Chlorine	35-1	135432	136894	136290	136206	0.54	cps
Chlorine	35-2	750	825	875	817	7.70	cps
Chromium	52-2	27339	26458	26945	26914	1.64	cps
Cobalt	59-2	17858	17227	17524	17536	1.80	cps
Copper	63-2	322973	319330	317714	320006	0.84	cps
Dysprosium	156-1	16569	16511	15726	16269	2.89	cps
Dysprosium	156-2	5751	5768	5701	5740	0.60	cps
Erbium	164-1	15401	14817	14834	15017	2.21	cps
Erbium	164-2	5535	5405	5758	5566	3.21	cps
Gadolinium	160-1	16077	15718	15434	15743	2.05	cps
Gadolinium	160-2	6695	6545	6702	6647	1.33	cps
Holmium	165-1	9515763	9105115	9098097	9239658	2.59	cps
Holmium	165-2	3541469	3541765	3441039	3508091	1.66	cps
Indium	115-1	8489754	8529623	8374145	8464508	0.95	cps
Indium	115-2	1125971	1115293	1108303	1116523	0.80	cps
Iron	54-2	1956701	1946318	1920201	1941073	0.97	cps
Iron	56-2	34802676	35260011	34181190	34747959	1.56	cps
Iron	57-2	836807	832792	835371	834990	0.24	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-05DLX5	Instrumnet Name :	P8
Client Sample ID :	A12040DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 18:15:35	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	2782	2761	2747	2764	0.64	cps
Lead	206-1	3856316	3860608	3474943	3730622	5.94	cps
Lead	207-1	3208206	3323757	3135862	3222608	2.94	cps
Lead	208-1	14487254	15070471	14427229	14661651	2.42	cps
Lithium	6-1	6288389	6344751	5845312	6159484	4.44	cps
Magnesium	24-2	160058	163246	159385	160897	1.28	cps
Manganese	55-2	164314	162538	162910	163254	0.57	cps
Molybdenum	94-1	54199	51722	54173	53365	2.67	cps
Molybdenum	95-1	11338	10871	11305	11171	2.33	cps
Molybdenum	96-1	22644	21851	21768	22088	2.19	cps
Molybdenum	97-1	6802	6427	6443	6557	3.23	cps
Molybdenum	98-1	17762	17328	17653	17581	1.28	cps
Neodymium	150-1	19020	19601	19034	19219	1.73	cps
Neodymium	150-2	5391	5184	5511	5362	3.08	cps
Nickel	60-2	15979	15672	15779	15810	0.99	cps
Phosphorus	31-2	1117	1058	1183	1120	5.59	cps
Potassium	39-2	234461	237114	236402	235992	0.58	cps
Rhodium	103-1	8432463	8210814	8226663	8289980	1.49	cps
Rhodium	103-2	3156228	3100604	3095739	3117524	1.08	cps
Scandium	45-1	7123977	6836869	6694824	6885223	3.18	cps
Scandium	45-2	175742	174258	172362	174121	0.97	cps
Selenium	82-1	1878	1763	1820	1820	3.16	cps
Selenium	77-2	83	63	97	81	20.69	cps
Selenium	78-2	255	260	236	250	5.06	cps
Silicon	28-1	6767767	5328783	5444680	5847077	13.67	cps
Silver	107-1	6485	6152	5943	6193	4.41	cps
Silver	109-1	5009	5785	5376	5390	7.20	cps
Sodium	23-2	88754	88402	87504	88220	0.73	cps
Strontium	86-1	119704	120898	120445	120349	0.50	cps
Strontium	88-1	1005264	1007133	1017952	1010116	0.68	cps
Sulfur	34-1	506434	503397	498822	502884	0.76	cps
Terbium	159-1	9830082	9834742	9479200	9714675	2.10	cps
Terbium	159-2	3524071	3520805	3533670	3526182	0.19	cps
Thallium	203-1	9162	9112	8795	9023	2.21	cps
Thallium	205-1	21861	22036	20842	21580	2.99	cps
Tin	118-1	6060	6644	5901	6202	6.30	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-05DLX5	Instrumnet Name :	P8
Client Sample ID :	A12040DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 18:15:35	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	73758	83956	71948	76554	8.46	cps
Uranium	238-1	15969	16653	16895	16506	2.91	cps
Vanadium	51-2	25059	25152	25019	25077	0.27	cps
Ytterbium	172-1	4751	4751	4201	4568	6.95	cps
Ytterbium	172-2	1878	1972	1800	1884	4.58	cps
Ytterbium	176-1	4034	4051	4001	4029	0.63	cps
Ytterbium	176-2	5257	5090	5440	5262	3.33	cps
Yttrium	89-1	14833629	14894451	14629506	14785862	0.94	cps
Yttrium	89-2	1326235	1312489	1325400	1321375	0.58	cps
Zinc	66-2	105929	105281	106259	105823	0.47	cps
Zirconium	90-1	129052	130941	129769	129921	0.73	cps
Zirconium	91-1	29248	28756	28555	28853	1.24	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-06DLX5	Instrumnet Name :	P8
Client Sample ID :	A01015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 18:18:33	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	215933	211624	217005	214854	1.33	cps
Antimony	121-1	7519	6919	6852	7096	5.18	cps
Arsenic	75-2	3184	3116	3225	3175	1.73	cps
Barium	135-1	340746	337033	331046	336275	1.46	cps
Barium	137-1	595911	577489	584311	585903	1.59	cps
Beryllium	9-1	2832	2898	2856	2862	1.17	cps
Bismuth	209-1	5674797	5481599	5294752	5483716	3.47	cps
Bismuth	209-2	2558124	2460060	2552605	2523596	2.18	cps
Boron	10-1	6284	6482	6298	6355	1.74	cps
Boron	11-1	26132	27354	27731	27072	3.09	cps
Bromine	81-1	52455	52132	55037	53208	2.99	cps
Cadmium	111-1	7667	7280	7373	7440	2.72	cps
Cadmium	106-1	4234	3942	4059	4079	3.60	cps
Cadmium	108-1	438	550	450	479	12.87	cps
Calcium	43-1	186504	187162	187802	187156	0.35	cps
Calcium	44-1	2957660	3063751	3024956	3015456	1.78	cps
Carbon	12-1	9136861	9268954	9274330	9226715	0.84	cps
Carbon	12-2	87368	85222	86094	86228	1.25	cps
Chlorine	35-1	132648	134800	140563	136004	3.01	cps
Chlorine	35-2	758	758	733	750	1.93	cps
Chromium	52-2	48465	48572	48937	48658	0.51	cps
Cobalt	59-2	45399	45255	44673	45109	0.85	cps
Copper	63-2	5708483	5829643	5497179	5678435	2.96	cps
Dysprosium	156-1	11238	10588	10696	10841	3.21	cps
Dysprosium	156-2	3967	4174	3937	4026	3.20	cps
Erbium	164-1	9720	10062	9370	9718	3.56	cps
Erbium	164-2	3704	3437	3657	3599	3.96	cps
Gadolinium	160-1	10129	9637	10146	9971	2.90	cps
Gadolinium	160-2	4234	4648	4434	4439	4.66	cps
Holmium	165-1	9119477	9164606	9113291	9132458	0.31	cps
Holmium	165-2	3679822	3490247	3624093	3598054	2.71	cps
Indium	115-1	8575068	8775589	8118980	8489879	3.96	cps
Indium	115-2	1148248	1115747	1145255	1136417	1.58	cps
Iron	54-2	3151692	3069605	3039831	3087042	1.88	cps
Iron	56-2	55983694	56195915	57373596	56517735	1.32	cps
Iron	57-2	1334274	1446543	1458361	1413059	4.85	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-06DLX5	Instrumnet Name :	P8
Client Sample ID :	A01015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 18:18:33	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	2806	2810	2805	2807	0.09	cps
Lead	206-1	837369	824368	832028	831255	0.79	cps
Lead	207-1	726455	700981	714472	713969	1.79	cps
Lead	208-1	3448379	3375559	3411091	3411676	1.07	cps
Lithium	6-1	5992987	6209304	5929927	6044073	2.42	cps
Magnesium	24-2	102948	98198	100891	100679	2.37	cps
Manganese	55-2	264815	265128	269492	266478	0.98	cps
Molybdenum	94-1	36123	38003	36859	36995	2.56	cps
Molybdenum	95-1	23612	24514	23921	24016	1.91	cps
Molybdenum	96-1	33082	31971	33717	32923	2.68	cps
Molybdenum	97-1	14416	14149	14616	14394	1.63	cps
Molybdenum	98-1	37159	37059	38270	37496	1.79	cps
Neodymium	150-1	15716	15049	16490	15752	4.58	cps
Neodymium	150-2	4501	4427	4524	4484	1.13	cps
Nickel	60-2	31074	30052	31405	30844	2.29	cps
Phosphorus	31-2	1325	1408	1342	1358	3.25	cps
Potassium	39-2	106686	106911	107877	107158	0.59	cps
Rhodium	103-1	8317992	7989507	8171858	8159786	2.02	cps
Rhodium	103-2	3226380	3094969	3170091	3163813	2.08	cps
Scandium	45-1	7082533	6923660	6826497	6944230	1.86	cps
Scandium	45-2	177319	173555	176863	175912	1.17	cps
Selenium	82-1	879	808	850	846	4.24	cps
Selenium	77-2	40	57	67	54	24.75	cps
Selenium	78-2	172	164	166	167	2.49	cps
Silicon	28-1	3615144	3680722	3647768	3647878	0.90	cps
Silver	107-1	2417	2317	2600	2445	5.88	cps
Silver	109-1	2342	2742	1984	2356	16.11	cps
Sodium	23-2	68512	66821	66906	67413	1.41	cps
Strontium	86-1	150876	152786	149271	150977	1.17	cps
Strontium	88-1	1264364	1246646	1234440	1248483	1.21	cps
Sulfur	34-1	387473	391061	389434	389323	0.46	cps
Terbium	159-1	9449554	9439128	8974284	9287655	2.92	cps
Terbium	159-2	3540294	3566317	3688491	3598367	2.20	cps
Thallium	203-1	2492	2517	2384	2464	2.88	cps
Thallium	205-1	5826	6544	6068	6146	5.94	cps
Tin	118-1	129915	127965	128670	128850	0.77	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-06DLX5	Instrumnet Name :	P8
Client Sample ID :	A01015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 18:18:33	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	269811	263253	260724	264596	1.77	cps
Uranium	238-1	11956	11773	12315	12014	2.30	cps
Vanadium	51-2	30817	30680	31491	30996	1.40	cps
Ytterbium	172-1	3192	3267	3234	3231	1.16	cps
Ytterbium	172-2	1406	1411	1439	1419	1.26	cps
Ytterbium	176-1	3401	3150	3167	3239	4.32	cps
Ytterbium	176-2	5073	4845	5312	5077	4.60	cps
Yttrium	89-1	14455989	13800066	14149286	14135114	2.32	cps
Yttrium	89-2	1342011	1325826	1343844	1337227	0.74	cps
Zinc	66-2	137027	137020	137457	137168	0.18	cps
Zirconium	90-1	63655	63177	63956	63596	0.62	cps
Zirconium	91-1	14174	14575	14033	14261	1.97	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-07DLX5	Instrumnet Name :	P8
Client Sample ID :	A01040DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 18:21:32	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	238249	233713	226252	232738	2.60	cps
Antimony	121-1	2475	2584	2659	2573	3.58	cps
Arsenic	75-2	2626	2483	2571	2560	2.80	cps
Barium	135-1	163552	167592	164105	165083	1.33	cps
Barium	137-1	293007	291397	290624	291676	0.42	cps
Beryllium	9-1	2928	2978	2974	2960	0.94	cps
Bismuth	209-1	5628437	5453025	5496003	5525822	1.65	cps
Bismuth	209-2	1987027	2406262	2440703	2277997	11.09	cps
Boron	10-1	4882	4572	4382	4612	5.47	cps
Boron	11-1	19207	19151	19733	19364	1.66	cps
Bromine	81-1	54786	48546	50604	51312	6.20	cps
Cadmium	111-1	4035	3701	3594	3777	6.10	cps
Cadmium	106-1	4309	4026	3792	4042	6.40	cps
Cadmium	108-1	229	221	200	217	6.93	cps
Calcium	43-1	227011	225258	223415	225228	0.80	cps
Calcium	44-1	3731848	3566399	3586735	3628327	2.49	cps
Carbon	12-1	10324287	10480546	10644566	10483133	1.53	cps
Carbon	12-2	97869	98531	96593	97664	1.01	cps
Chlorine	35-1	138392	136643	132967	136001	2.04	cps
Chlorine	35-2	867	733	842	814	8.71	cps
Chromium	52-2	23486	23272	23286	23348	0.51	cps
Cobalt	59-2	44313	42279	41608	42733	3.30	cps
Copper	63-2	218564	209299	209433	212432	2.50	cps
Dysprosium	156-1	12289	11989	12640	12306	2.65	cps
Dysprosium	156-2	4541	4234	4264	4346	3.89	cps
Erbium	164-1	10371	9946	10054	10124	2.18	cps
Erbium	164-2	3817	3624	3724	3722	2.60	cps
Gadolinium	160-1	11589	11213	11197	11333	1.96	cps
Gadolinium	160-2	4924	4698	4364	4662	6.04	cps
Holmium	165-1	9207347	9122027	9100575	9143317	0.62	cps
Holmium	165-2	2792519	3581774	3605861	3326718	13.91	cps
Indium	115-1	8662043	8415492	8409420	8495652	1.70	cps
Indium	115-2	905683	1073987	1125464	1035045	11.11	cps
Iron	54-2	2283022	2216791	2154401	2218072	2.90	cps
Iron	56-2	40474470	39054569	39135823	39554954	2.02	cps
Iron	57-2	964984	921883	931518	939462	2.41	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-07DLX5	Instrumnet Name :	P8
Client Sample ID :	A01040DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 18:21:32	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	2916	2774	2804	2831	2.65	cps
Lead	206-1	634367	640142	631236	635248	0.71	cps
Lead	207-1	552426	546579	532078	543694	1.93	cps
Lead	208-1	2558441	2470048	2507009	2511833	1.77	cps
Lithium	6-1	6495149	6362091	6243056	6366765	1.98	cps
Magnesium	24-2	161603	161628	158125	160452	1.26	cps
Manganese	55-2	397386	391347	383433	390722	1.79	cps
Molybdenum	94-1	42123	42274	42433	42276	0.37	cps
Molybdenum	95-1	7952	7561	7986	7833	3.02	cps
Molybdenum	96-1	17328	17445	17937	17570	1.84	cps
Molybdenum	97-1	5151	4918	5043	5037	2.32	cps
Molybdenum	98-1	12531	12264	12690	12495	1.72	cps
Neodymium	150-1	19141	18627	17852	18540	3.50	cps
Neodymium	150-2	5364	5408	5051	5274	3.69	cps
Nickel	60-2	26335	25369	25489	25731	2.04	cps
Phosphorus	31-2	1233	1267	1183	1228	3.42	cps
Potassium	39-2	127225	125586	123795	125535	1.37	cps
Rhodium	103-1	8490639	8208229	8058809	8252559	2.66	cps
Rhodium	103-2	2548268	3061836	3076713	2895606	10.39	cps
Scandium	45-1	7183498	6927800	6821740	6977679	2.67	cps
Scandium	45-2	138748	170140	169343	159410	11.23	cps
Selenium	82-1	620	741	819	727	13.79	cps
Selenium	77-2	60	37	40	46	27.70	cps
Selenium	78-2	155	170	162	162	4.62	cps
Silicon	28-1	1955460	1736926	1578129	1756838	10.78	cps
Silver	107-1	1208	1208	1258	1225	2.36	cps
Silver	109-1	1058	942	1008	1003	5.84	cps
Sodium	23-2	112619	109243	110409	110757	1.55	cps
Strontium	86-1	169219	169735	169179	169378	0.18	cps
Strontium	88-1	1410870	1461402	1426769	1433014	1.80	cps
Sulfur	34-1	363949	362001	357048	360999	0.99	cps
Terbium	159-1	9971533	9945603	9931750	9949629	0.20	cps
Terbium	159-2	2883857	3361440	3500366	3248554	9.95	cps
Thallium	203-1	2059	1959	2025	2014	2.53	cps
Thallium	205-1	4868	4751	4718	4779	1.65	cps
Tin	118-1	12581	12314	12856	12584	2.15	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-07DLX5	Instrumnet Name :	P8
Client Sample ID :	A01040DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 18:21:32	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	381540	376500	376858	378299	0.74	cps
Uranium	238-1	15034	14242	14567	14614	2.73	cps
Vanadium	51-2	27123	26915	26258	26765	1.69	cps
Ytterbium	172-1	3142	3409	3526	3359	5.85	cps
Ytterbium	172-2	1500	1367	1478	1448	4.93	cps
Ytterbium	176-1	3184	3275	3376	3278	2.93	cps
Ytterbium	176-2	4045	4907	5273	4742	13.30	cps
Yttrium	89-1	14463506	14984482	14314709	14587566	2.41	cps
Yttrium	89-2	1065489	1277707	1305236	1216144	10.79	cps
Zinc	66-2	49804	48811	49543	49386	1.04	cps
Zirconium	90-1	105322	104501	104894	104906	0.39	cps
Zirconium	91-1	23554	22844	23362	23253	1.58	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-10DLX5	Instrumnet Name :	P8
Client Sample ID :	DUP-0401DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 18:24:32	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	431334	435995	424297	430542	1.37	cps
Antimony	121-1	4092	3817	3992	3967	3.51	cps
Arsenic	75-2	3097	3052	3030	3059	1.12	cps
Barium	135-1	179670	178919	181340	179976	0.69	cps
Barium	137-1	317430	318674	315234	317113	0.55	cps
Beryllium	9-1	3714	3650	3526	3630	2.63	cps
Bismuth	209-1	5455409	5526669	5416555	5466211	1.02	cps
Bismuth	209-2	2459311	2555211	2610811	2541778	3.02	cps
Boron	10-1	4530	4360	4358	4416	2.24	cps
Boron	11-1	18660	19049	19261	18990	1.60	cps
Bromine	81-1	52846	54745	55238	54276	2.33	cps
Cadmium	111-1	4751	4735	4639	4708	1.29	cps
Cadmium	106-1	4042	3967	3992	4001	0.95	cps
Cadmium	108-1	333	346	354	344	3.05	cps
Calcium	43-1	222655	221549	220325	221510	0.53	cps
Calcium	44-1	3805546	3530030	3590105	3641894	3.98	cps
Carbon	12-1	11014366	11030822	11024485	11023225	0.08	cps
Carbon	12-2	104606	103237	100477	102774	2.05	cps
Chlorine	35-1	137820	135348	132783	135317	1.86	cps
Chlorine	35-2	875	917	842	878	4.28	cps
Chromium	52-2	38699	38452	38168	38439	0.69	cps
Cobalt	59-2	95583	96334	93106	95008	1.78	cps
Copper	63-2	187570	186531	182789	185630	1.35	cps
Dysprosium	156-1	17053	16995	17412	17153	1.32	cps
Dysprosium	156-2	6218	6108	6422	6249	2.54	cps
Erbium	164-1	13858	14583	14642	14361	3.04	cps
Erbium	164-2	5391	5525	5141	5352	3.64	cps
Gadolinium	160-1	16611	15701	15793	16035	3.12	cps
Gadolinium	160-2	7005	7002	6498	6835	4.27	cps
Holmium	165-1	9147947	9060149	9090952	9099683	0.49	cps
Holmium	165-2	3673560	3527431	3722140	3641043	2.78	cps
Indium	115-1	8832226	8445879	8328765	8535623	3.09	cps
Indium	115-2	1143710	1135055	1116065	1131610	1.25	cps
Iron	54-2	2261652	2351583	2270713	2294649	2.16	cps
Iron	56-2	39767191	41218168	40108752	40364704	1.88	cps
Iron	57-2	984863	990294	962816	979325	1.49	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-10DLX5	Instrumnet Name :	P8
Client Sample ID :	DUP-0401DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 18:24:32	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	2855	2935	2786	2859	2.60	cps
Lead	206-1	722479	730336	736289	729701	0.95	cps
Lead	207-1	610533	619944	608875	613117	0.97	cps
Lead	208-1	2864675	2915170	2807373	2862406	1.88	cps
Lithium	6-1	6566472	6179808	6350813	6365698	3.04	cps
Magnesium	24-2	649173	659495	640660	649776	1.45	cps
Manganese	55-2	1063876	1088444	1062597	1071639	1.36	cps
Molybdenum	94-1	49782	47474	47968	48408	2.51	cps
Molybdenum	95-1	11397	11263	10996	11219	1.82	cps
Molybdenum	96-1	22619	21158	21033	21604	4.08	cps
Molybdenum	97-1	7077	6769	6560	6802	3.82	cps
Molybdenum	98-1	17587	17595	16877	17353	2.37	cps
Neodymium	150-1	25745	25064	25718	25509	1.51	cps
Neodymium	150-2	7139	7015	7302	7152	2.01	cps
Nickel	60-2	31705	31732	32437	31958	1.30	cps
Phosphorus	31-2	1783	2175	2009	1989	9.88	cps
Potassium	39-2	150657	149271	147088	149005	1.21	cps
Rhodium	103-1	8405642	8186253	8269367	8287087	1.34	cps
Rhodium	103-2	3192372	3184110	3187453	3187978	0.13	cps
Scandium	45-1	7352238	6942438	6958789	7084488	3.28	cps
Scandium	45-2	177948	176482	175797	176742	0.62	cps
Selenium	82-1	398	489	483	456	11.17	cps
Selenium	77-2	33	40	40	38	10.19	cps
Selenium	78-2	139	143	152	145	4.60	cps
Silicon	28-1	5896997	5714672	5689467	5767045	1.96	cps
Silver	107-1	1592	1533	1683	1603	4.72	cps
Silver	109-1	1525	1333	1442	1433	6.71	cps
Sodium	23-2	56143	57021	56284	56483	0.83	cps
Strontium	86-1	114333	112813	110259	112468	1.83	cps
Strontium	88-1	953321	936369	924932	938207	1.52	cps
Sulfur	34-1	363154	358648	363581	361794	0.76	cps
Terbium	159-1	9908994	9349335	9585003	9614444	2.92	cps
Terbium	159-2	3553798	3600204	3560130	3571378	0.70	cps
Thallium	203-1	1917	1959	2100	1992	4.83	cps
Thallium	205-1	4784	4776	4451	4670	4.07	cps
Tin	118-1	14265	12523	12164	12984	8.66	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-10DLX5	Instrumnet Name :	P8
Client Sample ID :	DUP-0401DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 18:24:32	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	152591	145579	142844	147005	3.42	cps
Uranium	238-1	11964	12357	13065	12462	4.48	cps
Vanadium	51-2	28706	28275	27780	28254	1.64	cps
Ytterbium	172-1	4418	4468	4318	4401	1.74	cps
Ytterbium	172-2	1761	1934	1895	1863	4.85	cps
Ytterbium	176-1	3751	3876	3792	3806	1.67	cps
Ytterbium	176-2	4945	5346	5762	5351	7.63	cps
Yttrium	89-1	14817495	14542649	14456960	14605701	1.29	cps
Yttrium	89-2	1403638	1363253	1338287	1368393	2.41	cps
Zinc	66-2	114963	112338	111412	112904	1.63	cps
Zirconium	90-1	117410	113269	113452	114710	2.04	cps
Zirconium	91-1	26350	26818	24931	26033	3.77	cps

LB Number : LB119720 Operator : Jaswal
 Lab Sample ID : N2237-01 Instrumnet Name : P8
 Client Sample ID : A08015 Dilution Factor : 1
 Date & Time Acquired :: 2022-04-15 18:28:50 DataFile Name : 041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1034930	1027673	986122	1016241	2.59	cps
Antimony	121-1	9070	8661	8579	8770	3.00	cps
Arsenic	75-2	13118	13000	12548	12889	2.34	cps
Barium	135-1	654350	616539	605939	625609	4.07	cps
Barium	137-1	1136844	1106533	1065421	1102933	3.25	cps
Beryllium	9-1	22537	21888	21081	21835	3.34	cps
Bismuth	209-1	6860002	7064399	6917639	6947347	1.52	cps
Bismuth	209-2	3132553	3031454	3066461	3076823	1.67	cps
Boron	10-1	13380	13670	14232	13760	3.15	cps
Boron	11-1	55811	58604	60226	58214	3.84	cps
Bromine	81-1	48838	51721	51540	50700	3.19	cps
Cadmium	111-1	5916	5864	5559	5779	3.34	cps
Cadmium	106-1	6135	5943	5935	6004	1.89	cps
Cadmium	108-1	654	733	708	699	5.79	cps
Calcium	43-1	1364477	1372270	1285305	1340684	3.59	cps
Calcium	44-1	22166224	21574492	19812903	21184540	5.78	cps
Carbon	12-1	19743098	20395744	20063353	20067399	1.63	cps
Carbon	12-2	186922	186853	182240	185338	1.45	cps
Chlorine	35-1	141294	139596	140159	140349	0.62	cps
Chlorine	35-2	892	900	883	892	0.93	cps
Chromium	52-2	141443	136421	134009	137291	2.76	cps
Cobalt	59-2	244083	246872	241815	244257	1.04	cps
Copper	63-2	920697	911654	885374	905909	2.03	cps
Dysprosium	156-1	84611	82348	81064	82674	2.17	cps
Dysprosium	156-2	28427	27879	28664	28324	1.42	cps
Erbium	164-1	73597	72207	71360	72388	1.56	cps
Erbium	164-2	25642	25037	25525	25401	1.26	cps
Gadolinium	160-1	77367	74300	74317	75328	2.34	cps
Gadolinium	160-2	31948	31113	31370	31477	1.36	cps
Holmium	165-1	11958214	11858641	11584791	11800549	1.64	cps
Holmium	165-2	4401710	4359281	4353592	4371528	0.60	cps
Indium	115-1	10877615	10792626	10414457	10694899	2.31	cps
Indium	115-2	1367240	1370229	1335597	1357689	1.41	cps
Iron	54-2	2890512	2866068	2762595	2839725	2.39	cps
Iron	56-2	50595091	52052794	49855562	50834483	2.20	cps
Iron	57-2	1232743	1233531	1214153	1226809	0.89	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01	Instrumnet Name :	P8
Client Sample ID :	A08015	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 18:28:50	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	2921	2925	2879	2908	0.88	cps
Lead	206-1	2305939	2310314	2206206	2274153	2.59	cps
Lead	207-1	1922567	1841298	1808671	1857512	3.16	cps
Lead	208-1	8880837	8774696	8590774	8748769	1.68	cps
Lithium	6-1	8894291	8260677	7775876	8310281	6.75	cps
Magnesium	24-2	1366253	1369812	1332695	1356253	1.51	cps
Manganese	55-2	636172	635879	614740	628930	1.95	cps
Molybdenum	94-1	239989	235096	230508	235197	2.02	cps
Molybdenum	95-1	90957	89338	88835	89710	1.24	cps
Molybdenum	96-1	131312	131512	127366	130063	1.80	cps
Molybdenum	97-1	56424	55847	54683	55651	1.59	cps
Molybdenum	98-1	147910	144046	144280	145412	1.49	cps
Neodymium	150-1	125577	121116	117976	121557	3.14	cps
Neodymium	150-2	32787	32944	32860	32864	0.24	cps
Nickel	60-2	184682	183914	181602	183400	0.87	cps
Phosphorus	31-2	16869	17494	16335	16899	3.44	cps
Potassium	39-2	756813	758878	739879	751857	1.39	cps
Rhodium	103-1	10574429	10187151	10010619	10257400	2.81	cps
Rhodium	103-2	3862116	3733243	3723074	3772811	2.05	cps
Scandium	45-1	9534874	9089567	8587250	9070563	5.23	cps
Scandium	45-2	220031	218056	211446	216511	2.08	cps
Selenium	82-1	10574	10778	10619	10657	1.01	cps
Selenium	77-2	357	390	373	373	4.46	cps
Selenium	78-2	1064	1040	1058	1054	1.18	cps
Silicon	28-1	10696541	8541960	7772089	9003530	16.84	cps
Silver	107-1	4134	4484	3909	4176	6.94	cps
Silver	109-1	4142	4209	3767	4040	5.90	cps
Sodium	23-2	575419	570756	552053	566076	2.18	cps
Strontium	86-1	1027163	1008663	967465	1001097	3.05	cps
Strontium	88-1	8592801	8615300	8180945	8463016	2.89	cps
Sulfur	34-1	569069	562675	553773	561839	1.37	cps
Terbium	159-1	12709082	12493342	11959957	12387461	3.11	cps
Terbium	159-2	4227499	4350932	4187936	4255455	2.00	cps
Thallium	203-1	11872	11589	11372	11611	2.16	cps
Thallium	205-1	28365	27831	26962	27719	2.56	cps
Tin	118-1	80588	79122	74772	78161	3.87	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01	Instrumnet Name :	P8
Client Sample ID :	A08015	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 18:28:50	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1982775	1845030	1800398	1876068	5.07	cps
Uranium	238-1	140743	139865	136017	138875	1.81	cps
Vanadium	51-2	278650	279425	275161	277745	0.82	cps
Ytterbium	172-1	23196	21535	21385	22038	4.56	cps
Ytterbium	172-2	9176	9381	8603	9053	4.46	cps
Ytterbium	176-1	16719	15752	14684	15718	6.48	cps
Ytterbium	176-2	11283	11711	11550	11515	1.88	cps
Yttrium	89-1	19525717	19843127	19206053	19524966	1.63	cps
Yttrium	89-2	1805939	1773343	1747007	1775430	1.66	cps
Zinc	66-2	138588	139689	135933	138070	1.40	cps
Zirconium	90-1	521105	508807	489770	506561	3.12	cps
Zirconium	91-1	116159	115236	112867	114754	1.48	cps

LB Number : LB119720 Operator : Jaswal
 Lab Sample ID : N2237-01DUP Instrumnet Name : P8
 Client Sample ID : A08015DUP Dilution Factor : 1
 Date & Time Acquired :: 2022-04-15 18:31:43 DataFile Name : 042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1035544	1021035	1005639	1020739	1.47	cps
Antimony	121-1	8536	8378	8436	8450	0.95	cps
Arsenic	75-2	12832	12633	12296	12587	2.15	cps
Barium	135-1	724568	726903	715193	722221	0.86	cps
Barium	137-1	1289535	1264583	1229037	1261051	2.41	cps
Beryllium	9-1	23130	22633	21808	22523	2.96	cps
Bismuth	209-1	7075501	6628027	6793941	6832490	3.31	cps
Bismuth	209-2	3016572	3052151	3046592	3038438	0.63	cps
Boron	10-1	12205	12041	12293	12179	1.05	cps
Boron	11-1	49737	51826	53044	51535	3.25	cps
Bromine	81-1	53037	53780	50193	52337	3.62	cps
Cadmium	111-1	5904	5910	5953	5922	0.46	cps
Cadmium	106-1	6127	6235	6135	6165	0.98	cps
Cadmium	108-1	717	721	654	697	5.36	cps
Calcium	43-1	1251721	1221490	1226505	1233239	1.31	cps
Calcium	44-1	19483037	18912078	18903771	19099629	1.74	cps
Carbon	12-1	16104082	16491127	16661158	16418789	1.74	cps
Carbon	12-2	153078	149322	149684	150695	1.38	cps
Chlorine	35-1	131630	130387	134222	132079	1.48	cps
Chlorine	35-2	783	942	858	861	9.20	cps
Chromium	52-2	129977	125931	126015	127307	1.82	cps
Cobalt	59-2	239438	234909	236557	236968	0.97	cps
Copper	63-2	935273	908056	898135	913822	2.10	cps
Dysprosium	156-1	84042	83671	77670	81794	4.37	cps
Dysprosium	156-2	27936	27295	27923	27718	1.32	cps
Erbium	164-1	73068	70353	66660	70027	4.59	cps
Erbium	164-2	25515	25060	25521	25365	1.04	cps
Gadolinium	160-1	75975	74477	72876	74442	2.08	cps
Gadolinium	160-2	31741	30238	29192	30390	4.22	cps
Holmium	165-1	11724104	11583109	11009183	11438799	3.31	cps
Holmium	165-2	4459988	4275697	4238218	4324635	2.74	cps
Indium	115-1	10822352	10647300	10498908	10656187	1.52	cps
Indium	115-2	1363543	1339918	1333245	1345568	1.18	cps
Iron	54-2	2930867	2865636	2897619	2898040	1.13	cps
Iron	56-2	53694183	51155825	50836747	51895585	3.02	cps
Iron	57-2	1279743	1213764	1215053	1236187	3.05	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01DUP	Instrumnet Name :	P8
Client Sample ID :	A08015DUP	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 18:31:43	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	2782	2804	2834	2807	0.92	cps
Lead	206-1	2633897	2580029	2540536	2584820	1.81	cps
Lead	207-1	2150796	2091210	2064588	2102198	2.10	cps
Lead	208-1	10063620	9863416	9739144	9888727	1.66	cps
Lithium	6-1	8210711	7743189	7382034	7778645	5.34	cps
Magnesium	24-2	1291132	1264542	1278387	1278020	1.04	cps
Manganese	55-2	643046	617260	632998	631101	2.06	cps
Molybdenum	94-1	245963	242495	269292	252583	5.77	cps
Molybdenum	95-1	92785	89111	88742	90212	2.48	cps
Molybdenum	96-1	136519	126381	127804	130235	4.21	cps
Molybdenum	97-1	56675	53655	54767	55032	2.78	cps
Molybdenum	98-1	148012	140575	142288	143625	2.71	cps
Neodymium	150-1	121124	119764	114929	118606	2.75	cps
Neodymium	150-2	31534	30909	30147	30863	2.25	cps
Nickel	60-2	181657	175360	175915	177644	1.96	cps
Phosphorus	31-2	16760	16151	15893	16268	2.74	cps
Potassium	39-2	800505	772310	766298	779704	2.34	cps
Rhodium	103-1	10342014	9933633	10016148	10097265	2.14	cps
Rhodium	103-2	3661867	3621890	3562888	3615549	1.38	cps
Scandium	45-1	8944349	8836591	8724061	8835000	1.25	cps
Scandium	45-2	213677	214202	209266	212382	1.28	cps
Selenium	82-1	11005	10750	10810	10855	1.23	cps
Selenium	77-2	453	443	330	409	16.75	cps
Selenium	78-2	1019	1022	1060	1034	2.21	cps
Silicon	28-1	13992602	10048879	10182671	11408051	19.63	cps
Silver	107-1	5368	6185	5518	5690	7.64	cps
Silver	109-1	4893	4918	5193	5001	3.33	cps
Sodium	23-2	548946	536053	530469	538490	1.76	cps
Strontium	86-1	1017096	978633	974217	989982	2.38	cps
Strontium	88-1	8688879	8390292	8093052	8390741	3.55	cps
Sulfur	34-1	573359	556035	550089	559828	2.16	cps
Terbium	159-1	11970873	11729657	11749457	11816662	1.13	cps
Terbium	159-2	4303121	4259014	4222316	4261483	0.95	cps
Thallium	203-1	11238	11080	10830	11049	1.86	cps
Thallium	205-1	27430	26678	26820	26976	1.48	cps
Tin	118-1	69620	66998	67165	67928	2.16	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01DUP	Instrumnet Name :	P8
Client Sample ID :	A08015DUP	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 18:31:43	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1895456	1630531	1612491	1712826	9.25	cps
Uranium	238-1	138960	136026	136839	137275	1.10	cps
Vanadium	51-2	271855	266177	263988	267340	1.52	cps
Ytterbium	172-1	21618	21952	21226	21599	1.68	cps
Ytterbium	172-2	8942	8981	9298	9074	2.15	cps
Ytterbium	176-1	15651	15893	15493	15679	1.29	cps
Ytterbium	176-2	10721	11172	11577	11157	3.84	cps
Yttrium	89-1	19275294	19181513	18399968	18952258	2.54	cps
Yttrium	89-2	1728321	1679366	1629490	1679059	2.94	cps
Zinc	66-2	131565	128040	128380	129329	1.50	cps
Zirconium	90-1	536549	515367	510068	520661	2.69	cps
Zirconium	91-1	122064	115032	123189	120095	3.68	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01LX5	Instrumnet Name :	P8
Client Sample ID :	A08015L	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 18:34:39	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	156969	158340	155437	156915	0.93	cps
Antimony	121-1	1292	1258	1108	1220	8.01	cps
Arsenic	75-2	1725	1923	1868	1839	5.56	cps
Barium	135-1	91670	90118	92652	91480	1.40	cps
Barium	137-1	159024	157783	162431	159746	1.51	cps
Beryllium	9-1	3050	2904	3042	2998	2.74	cps
Bismuth	209-1	5406958	5213154	5122564	5247559	2.77	cps
Bismuth	209-2	2460612	2493766	2478549	2477643	0.67	cps
Boron	10-1	5086	5130	5254	5157	1.69	cps
Boron	11-1	21860	21938	21684	21827	0.60	cps
Bromine	81-1	50092	47420	49389	48967	2.83	cps
Cadmium	111-1	2753	2657	2763	2724	2.15	cps
Cadmium	106-1	3551	3501	3601	3551	1.41	cps
Cadmium	108-1	100	188	113	133	35.49	cps
Calcium	43-1	192267	189333	186709	189437	1.47	cps
Calcium	44-1	3213391	3067587	3179574	3153517	2.42	cps
Carbon	12-1	7184943	7139473	7301979	7208799	1.16	cps
Carbon	12-2	66694	65730	68619	67015	2.20	cps
Chlorine	35-1	130704	131966	132018	131563	0.57	cps
Chlorine	35-2	867	925	875	889	3.55	cps
Chromium	52-2	21847	21196	22615	21886	3.25	cps
Cobalt	59-2	36724	36968	36179	36624	1.10	cps
Copper	63-2	138766	139644	136984	138465	0.98	cps
Dysprosium	156-1	12781	12264	11772	12273	4.11	cps
Dysprosium	156-2	4541	4164	4274	4326	4.48	cps
Erbium	164-1	11080	10671	10354	10702	3.40	cps
Erbium	164-2	3944	4017	3897	3953	1.53	cps
Gadolinium	160-1	11005	10671	11280	10985	2.78	cps
Gadolinium	160-2	4678	4744	4568	4663	1.91	cps
Holmium	165-1	9040216	8852844	9006048	8966369	1.11	cps
Holmium	165-2	3546845	3467066	3592617	3535509	1.80	cps
Indium	115-1	8498526	8313706	8189915	8334049	1.86	cps
Indium	115-2	1095519	1102233	1098237	1098663	0.31	cps
Iron	54-2	419966	410630	414760	415118	1.13	cps
Iron	56-2	8046775	7944133	7968579	7986496	0.67	cps
Iron	57-2	188512	189524	185879	187971	1.00	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01LX5	Instrumnet Name :	P8
Client Sample ID :	A08015L	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 18:34:39	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	2735	2644	2735	2705	1.95	cps
Lead	206-1	324973	323380	320330	322894	0.73	cps
Lead	207-1	265479	270747	260826	265684	1.87	cps
Lead	208-1	1256935	1249728	1215075	1240579	1.80	cps
Lithium	6-1	6253688	6251194	6332972	6279284	0.74	cps
Magnesium	24-2	193570	197329	189229	193376	2.10	cps
Manganese	55-2	96265	96447	95541	96084	0.50	cps
Molybdenum	94-1	36491	33516	33675	34561	4.84	cps
Molybdenum	95-1	13499	13741	13273	13504	1.73	cps
Molybdenum	96-1	19773	19932	19481	19728	1.16	cps
Molybdenum	97-1	7769	7794	8269	7944	3.55	cps
Molybdenum	98-1	20658	20491	21868	21005	3.58	cps
Neodymium	150-1	18139	17452	17512	17701	2.15	cps
Neodymium	150-2	5174	5144	5028	5115	1.52	cps
Nickel	60-2	27898	28319	28268	28161	0.82	cps
Phosphorus	31-2	2650	2492	2384	2509	5.35	cps
Potassium	39-2	126655	123981	126200	125612	1.14	cps
Rhodium	103-1	7968729	7838478	7905760	7904322	0.82	cps
Rhodium	103-2	3091485	3137098	3031888	3086824	1.71	cps
Scandium	45-1	6876686	6713027	6693196	6760969	1.49	cps
Scandium	45-2	170588	167053	168120	168587	1.08	cps
Selenium	82-1	1378	1343	1221	1314	6.24	cps
Selenium	77-2	67	57	73	66	12.79	cps
Selenium	78-2	209	176	178	188	9.86	cps
Silicon	28-1	1510024	1531394	1502644	1514688	0.99	cps
Silver	107-1	1050	792	1000	947	14.47	cps
Silver	109-1	925	783	642	783	18.09	cps
Sodium	23-2	93584	93861	95287	94244	0.97	cps
Strontium	86-1	146447	152033	151460	149980	2.05	cps
Strontium	88-1	1278078	1254575	1247493	1260049	1.27	cps
Sulfur	34-1	319349	324665	319908	321307	0.91	cps
Terbium	159-1	9533054	9577243	9292000	9467432	1.62	cps
Terbium	159-2	3477172	3462482	3513378	3484344	0.75	cps
Thallium	203-1	2034	2309	1959	2100	8.78	cps
Thallium	205-1	5293	4451	4609	4784	9.35	cps
Tin	118-1	13015	12064	12531	12537	3.79	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01LX5	Instrumnet Name :	P8
Client Sample ID :	A08015L	Dilution Factor :	5
Date & Time Acquired ::	2022-04-15 18:34:39	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	273067	262031	263994	266364	2.21	cps
Uranium	238-1	20425	21260	19474	20386	4.38	cps
Vanadium	51-2	42924	41945	41671	42180	1.56	cps
Ytterbium	172-1	3259	3351	3417	3342	2.38	cps
Ytterbium	172-2	1495	1595	1317	1469	9.58	cps
Ytterbium	176-1	3075	3184	2967	3075	3.52	cps
Ytterbium	176-2	5184	5329	5240	5251	1.39	cps
Yttrium	89-1	13878354	13877334	13930705	13895465	0.22	cps
Yttrium	89-2	1283373	1293503	1282077	1286318	0.49	cps
Zinc	66-2	19927	19310	18866	19368	2.75	cps
Zirconium	90-1	74007	74702	74534	74414	0.49	cps
Zirconium	91-1	16861	17596	16193	16883	4.16	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01MS	Instrumnet Name :	P8
Client Sample ID :	A08015MS	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 18:37:39	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1648641	1678401	1679902	1668981	1.06	cps
Antimony	121-1	3157222	3090963	3033297	3093827	2.00	cps
Arsenic	75-2	115962	117028	113956	115649	1.35	cps
Barium	135-1	5016726	4885477	4857952	4920052	1.72	cps
Barium	137-1	8436990	8288838	8632236	8452688	2.04	cps
Beryllium	9-1	1833791	1854873	1875397	1854687	1.12	cps
Bismuth	209-1	5576488	5878511	5708101	5721033	2.65	cps
Bismuth	209-2	2558479	2105354	2553967	2405933	10.82	cps
Boron	10-1	235755	250583	254182	246840	3.96	cps
Boron	11-1	964686	1060488	1079802	1034992	5.96	cps
Bromine	81-1	46958	48576	47953	47829	1.71	cps
Cadmium	111-1	1083687	1088232	1071831	1081250	0.78	cps
Cadmium	106-1	120460	122241	121343	121348	0.73	cps
Cadmium	108-1	79877	77567	79248	78897	1.51	cps
Calcium	43-1	2876016	2792635	2853948	2840866	1.52	cps
Calcium	44-1	44712688	44090325	43801426	44201480	1.05	cps
Carbon	12-1	17602197	18142899	18334420	18026505	2.11	cps
Carbon	12-2	168620	167289	166875	167595	0.54	cps
Chlorine	35-1	135826	136212	135760	135933	0.18	cps
Chlorine	35-2	825	900	792	839	6.61	cps
Chromium	52-2	1036366	1020151	1009979	1022166	1.30	cps
Cobalt	59-2	1979177	2058816	1955741	1997911	2.70	cps
Copper	63-2	15299539	15378684	15242737	15306987	0.45	cps
Dysprosium	156-1	75239	77040	73973	75417	2.04	cps
Dysprosium	156-2	26370	26069	25675	26038	1.34	cps
Erbium	164-1	68411	68336	69214	68654	0.71	cps
Erbium	164-2	24723	25161	24683	24856	1.07	cps
Gadolinium	160-1	68762	70898	69373	69678	1.58	cps
Gadolinium	160-2	30067	30014	28798	29626	2.42	cps
Holmium	165-1	9934423	9856627	9983767	9924939	0.65	cps
Holmium	165-2	3844551	3100774	3644873	3530066	10.90	cps
Indium	115-1	8987771	8733711	9035358	8918946	1.82	cps
Indium	115-2	1148815	935209	1067564	1050529	10.26	cps
Iron	54-2	4600205	4548116	4524041	4557454	0.85	cps
Iron	56-2	82170749	84798182	81775838	82914923	1.98	cps
Iron	57-2	2143007	2127785	2113578	2128124	0.69	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01MS	Instrumnet Name :	P8
Client Sample ID :	A08015MS	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 18:37:39	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	2680	2847	2764	2764	3.03	cps
Lead	206-1	15930198	16023772	15432219	15795396	2.01	cps
Lead	207-1	13563755	13795328	13104106	13487730	2.61	cps
Lead	208-1	61482759	63670015	60773739	61975504	2.44	cps
Lithium	6-1	6917141	6842093	7201849	6987027	2.72	cps
Magnesium	24-2	9711276	9687504	9415956	9604912	1.71	cps
Manganese	55-2	6298792	6350485	6418167	6355814	0.94	cps
Molybdenum	94-1	8192243	7867774	8234124	8098047	2.48	cps
Molybdenum	95-1	9887561	9732625	9681265	9767150	1.10	cps
Molybdenum	96-1	11084194	11255317	10794064	11044525	2.11	cps
Molybdenum	97-1	6135498	5908217	6055406	6033040	1.91	cps
Molybdenum	98-1	16215656	15237274	15464952	15639294	3.27	cps
Neodymium	150-1	104564	105165	107904	105878	1.68	cps
Neodymium	150-2	29142	30061	29289	29497	1.67	cps
Nickel	60-2	604429	614736	602091	607085	1.11	cps
Phosphorus	31-2	14733	14766	14641	14713	0.44	cps
Potassium	39-2	3764056	3703761	3752775	3740197	0.86	cps
Rhodium	103-1	8376597	8392121	8527848	8432189	0.99	cps
Rhodium	103-2	3138586	2639528	2950360	2909491	8.66	cps
Scandium	45-1	7649970	7622630	7470901	7581167	1.27	cps
Scandium	45-2	188256	154009	176950	173071	10.08	cps
Selenium	82-1	106658	105778	104906	105780	0.83	cps
Selenium	77-2	2517	2764	2617	2633	4.71	cps
Selenium	78-2	8744	8655	8763	8720	0.66	cps
Silicon	28-1	27578804	30054345	25985317	27872822	7.36	cps
Silver	107-1	4688258	4628243	4825264	4713922	2.14	cps
Silver	109-1	4641271	4431042	4421861	4498058	2.76	cps
Sodium	23-2	16350926	16164271	16095074	16203424	0.82	cps
Strontium	86-1	2446477	2350188	2349976	2382214	2.34	cps
Strontium	88-1	20170786	20089318	19991942	20084015	0.45	cps
Sulfur	34-1	530553	534049	517030	527211	1.70	cps
Terbium	159-1	10149485	10510267	10294944	10318232	1.76	cps
Terbium	159-2	3802599	3147567	3455092	3468419	9.45	cps
Thallium	203-1	3009106	2930193	2906621	2948640	1.82	cps
Thallium	205-1	6992392	6900179	6860711	6917760	0.98	cps
Tin	118-1	2921695	2913900	2962891	2932829	0.90	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01MS	Instrumnet Name :	P8
Client Sample ID :	A08015MS	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 18:37:39	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4952292	5016964	4871286	4946847	1.48	cps
Uranium	238-1	8943388	9485389	9174870	9201216	2.96	cps
Vanadium	51-2	1003648	998762	974182	992197	1.59	cps
Ytterbium	172-1	20775	20884	20859	20839	0.27	cps
Ytterbium	172-2	8792	8914	9070	8925	1.56	cps
Ytterbium	176-1	15351	15668	15092	15370	1.88	cps
Ytterbium	176-2	10165	9676	10443	10095	3.85	cps
Yttrium	89-1	16990376	16466851	16418365	16625198	1.91	cps
Yttrium	89-2	1501813	1216801	1364693	1361102	10.47	cps
Zinc	66-2	1749451	1746350	1708875	1734892	1.30	cps
Zirconium	90-1	7274904	7209906	7317649	7267486	0.75	cps
Zirconium	91-1	1636467	1617345	1628002	1627271	0.59	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 18:44:19	DataFile Name :	045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2841577	2832580	2657879	2777345	3.73	cps
Antimony	121-1	2943709	2854332	2872848	2890296	1.63	cps
Arsenic	75-2	84492	84989	82281	83921	1.72	cps
Barium	135-1	3990072	3913943	3973847	3959288	1.01	cps
Barium	137-1	6789152	6980007	6846513	6871891	1.43	cps
Beryllium	9-1	1583177	1669651	1566018	1606282	3.46	cps
Bismuth	209-1	4903704	5052966	5114023	5023564	2.15	cps
Bismuth	209-2	2366933	2297043	2267769	2310582	2.21	cps
Boron	10-1	385837	403736	418412	402662	4.05	cps
Boron	11-1	1645902	1689903	1738396	1691400	2.74	cps
Bromine	81-1	42338	44258	45503	44033	3.62	cps
Cadmium	111-1	881040	887315	876324	881560	0.63	cps
Cadmium	106-1	99183	101677	101758	100873	1.45	cps
Cadmium	108-1	66598	66209	67615	66807	1.09	cps
Calcium	43-1	6875853	6975435	6807445	6886244	1.23	cps
Calcium	44-1	110762247	110266614	111114593	110714485	0.38	cps
Carbon	12-1	6277499	6671565	6720102	6556389	3.70	cps
Carbon	12-2	70595	68628	69490	69571	1.42	cps
Chlorine	35-1	124845	124500	125848	125064	0.56	cps
Chlorine	35-2	775	525	775	692	20.87	cps
Chromium	52-2	854163	848263	835437	845954	1.13	cps
Cobalt	59-2	1543218	1540195	1510612	1531342	1.18	cps
Copper	63-2	12313616	12069281	11953768	12112221	1.52	cps
Dysprosium	156-1	492	600	508	533	10.94	cps
Dysprosium	156-2	173	143	140	152	12.06	cps
Erbium	164-1	150	83	83	106	36.46	cps
Erbium	164-2	50	43	67	53	22.54	cps
Gadolinium	160-1	358	308	383	350	10.91	cps
Gadolinium	160-2	210	207	217	211	2.41	cps
Holmium	165-1	9434060	9196223	9620238	9416840	2.26	cps
Holmium	165-2	3595425	3630595	3478684	3568234	2.23	cps
Indium	115-1	7964821	8105074	7907351	7992415	1.27	cps
Indium	115-2	1043621	1040099	1036008	1039909	0.37	cps
Iron	54-2	9727141	9403275	9488467	9539628	1.76	cps
Iron	56-2	173047932	175256132	172901321	173735128	0.76	cps
Iron	57-2	4389122	4350581	4349915	4363206	0.51	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 18:44:19	DataFile Name :	045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	2540	2627	2599	2589	1.72	cps
Lead	206-1	10683018	10657305	10982541	10774288	1.68	cps
Lead	207-1	9346381	9583279	9998601	9642754	3.42	cps
Lead	208-1	42514103	43723281	45047230	43761538	2.90	cps
Lithium	6-1	6310112	6464600	6143187	6305966	2.55	cps
Magnesium	24-2	37791648	37315814	36283329	37130264	2.08	cps
Manganese	55-2	4759329	4668754	4598845	4675643	1.72	cps
Molybdenum	94-1	12585099	12373066	12619525	12525896	1.07	cps
Molybdenum	95-1	17867885	17651422	18200005	17906437	1.54	cps
Molybdenum	96-1	19473865	19405646	19700993	19526835	0.79	cps
Molybdenum	97-1	10772827	10995643	11173563	10980678	1.83	cps
Molybdenum	98-1	28908683	28730680	29022261	28887208	0.51	cps
Neodymium	150-1	280	200	267	249	17.22	cps
Neodymium	150-2	53	40	30	41	28.47	cps
Nickel	60-2	408247	400838	393454	400846	1.85	cps
Phosphorus	31-2	31627	33390	30516	31844	4.55	cps
Potassium	39-2	13791693	13201579	13074630	13355967	2.87	cps
Rhodium	103-1	7447726	7539244	7544892	7510620	0.73	cps
Rhodium	103-2	2858190	2789877	2754084	2800717	1.89	cps
Scandium	45-1	6723539	6795158	6922719	6813805	1.48	cps
Scandium	45-2	170771	164373	165429	166858	2.06	cps
Selenium	82-1	78814	79415	79201	79143	0.39	cps
Selenium	77-2	2200	1917	1950	2022	7.66	cps
Selenium	78-2	6595	6643	6599	6613	0.40	cps
Silicon	28-1	24739433	25494655	25524972	25253020	1.76	cps
Silver	107-1	4632599	4720678	4667359	4673545	0.95	cps
Silver	109-1	4373943	4422650	4420964	4405852	0.63	cps
Sodium	23-2	74283218	70634700	68066793	70994904	4.40	cps
Strontium	86-1	1249180	1252149	1273891	1258407	1.07	cps
Strontium	88-1	10728223	10688451	11159538	10858737	2.41	cps
Sulfur	34-1	839082	864234	855375	852897	1.50	cps
Terbium	159-1	9701758	9905368	9946583	9851236	1.33	cps
Terbium	159-2	3556189	3472191	3513031	3513803	1.20	cps
Thallium	203-1	2757589	2675642	2750543	2727925	1.66	cps
Thallium	205-1	6340732	6329428	6317013	6329058	0.19	cps
Tin	118-1	2830336	2863423	2791535	2828431	1.27	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 18:44:19	DataFile Name :	045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6239739	6098913	6149631	6162761	1.16	cps
Uranium	238-1	8606081	8853034	8711851	8723655	1.42	cps
Vanadium	51-2	705090	685447	681002	690513	1.86	cps
Ytterbium	172-1	158	150	100	136	23.18	cps
Ytterbium	172-2	61	28	61	50	38.49	cps
Ytterbium	176-1	13057	13324	13616	13332	2.10	cps
Ytterbium	176-2	8642	8831	9048	8840	2.30	cps
Yttrium	89-1	13721449	13673391	14195881	13863574	2.08	cps
Yttrium	89-2	1259858	1268838	1240768	1256488	1.14	cps
Zinc	66-2	1543628	1570754	1517048	1543810	1.74	cps
Zirconium	90-1	6531745	6405457	6651572	6529591	1.88	cps
Zirconium	91-1	1455374	1482664	1486220	1474752	1.14	cps

LB Number : LB119720 Operator : Jaswal
 Lab Sample ID : CCB13 Instrumnet Name : P8
 Client Sample ID : CCB13 Dilution Factor : 1
 Date & Time Acquired :: 2022-04-15 18:53:00 DataFile Name : 046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	151	166	229	182	22.57	cps
Antimony	121-1	400	475	475	450	9.62	cps
Arsenic	75-2	8	8	16	11	43.30	cps
Barium	135-1	192	167	150	169	12.38	cps
Barium	137-1	217	175	292	228	25.96	cps
Beryllium	9-1	118	150	118	129	14.36	cps
Bismuth	209-1	5223903	5208912	5237584	5223467	0.27	cps
Bismuth	209-2	2266790	2473877	2434445	2391704	4.60	cps
Boron	10-1	12107	12049	11426	11861	3.18	cps
Boron	11-1	52787	51976	50865	51876	1.86	cps
Bromine	81-1	46809	46205	45141	46051	1.83	cps
Cadmium	111-1	2107	2134	2142	2128	0.86	cps
Cadmium	106-1	2892	2984	3017	2964	2.18	cps
Cadmium	108-1	67	67	58	64	7.54	cps
Calcium	43-1	415	440	414	423	3.50	cps
Calcium	44-1	10010	9791	10017	9939	1.29	cps
Carbon	12-1	5058659	5230593	5126645	5138633	1.69	cps
Carbon	12-2	48313	49425	48581	48773	1.19	cps
Chlorine	35-1	104838	104377	104528	104581	0.22	cps
Chlorine	35-2	542	575	583	567	3.89	cps
Chromium	52-2	630	717	703	683	6.83	cps
Cobalt	59-2	123	137	107	122	12.30	cps
Copper	63-2	933	887	1190	1003	16.28	cps
Dysprosium	156-1	8	25	17	17	50.01	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	92	25	67	61	55.11	cps
Erbium	164-2	33	10	17	20	60.08	cps
Gadolinium	160-1	75	58	42	58	28.57	cps
Gadolinium	160-2	77	37	63	59	34.58	cps
Holmium	165-1	8303662	8469889	8173376	8315642	1.79	cps
Holmium	165-2	3169322	3397465	3295187	3287324	3.48	cps
Indium	115-1	7546857	8018985	7846189	7804010	3.06	cps
Indium	115-2	995251	1065733	1023930	1028305	3.45	cps
Iron	54-2	644	761	828	744	12.47	cps
Iron	56-2	8881	9047	12456	10128	19.93	cps
Iron	57-2	283	217	367	289	26.02	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 18:53:00	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	2661	2694	2679	2678	0.61	cps
Lead	206-1	1133	1156	1161	1150	1.28	cps
Lead	207-1	1056	1000	900	985	8.00	cps
Lead	208-1	4478	4695	4700	4624	2.74	cps
Lithium	6-1	6192057	6076955	6144105	6137706	0.94	cps
Magnesium	24-2	1517	1458	1884	1620	14.23	cps
Manganese	55-2	190	170	287	216	28.94	cps
Molybdenum	94-1	683	542	658	628	12.05	cps
Molybdenum	95-1	667	475	592	578	16.72	cps
Molybdenum	96-1	1108	1075	850	1011	13.90	cps
Molybdenum	97-1	492	400	383	425	13.73	cps
Molybdenum	98-1	1117	1308	892	1106	18.86	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	87	57	87	77	22.59	cps
Phosphorus	31-2	50	33	100	61	56.78	cps
Potassium	39-2	15225	15434	14833	15164	2.01	cps
Rhodium	103-1	7404970	7629649	7565037	7533219	1.54	cps
Rhodium	103-2	2731050	2987134	2934118	2884101	4.69	cps
Scandium	45-1	6185209	6440318	6265460	6296996	2.07	cps
Scandium	45-2	149815	158380	160436	156211	3.61	cps
Selenium	82-1	46	-1	-3	14	196.18	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	84	84	74	81	7.16	cps
Silicon	28-1	614273	608223	613092	611863	0.52	cps
Silver	107-1	475	375	467	439	12.64	cps
Silver	109-1	333	425	408	389	12.56	cps
Sodium	23-2	18445	17644	18112	18067	2.23	cps
Strontium	86-1	4109	4226	4101	4145	1.69	cps
Strontium	88-1	433	542	600	525	16.11	cps
Sulfur	34-1	282092	279776	279484	280451	0.51	cps
Terbium	159-1	8958889	9009479	8951491	8973286	0.35	cps
Terbium	159-2	3100267	3355509	3393758	3283178	4.86	cps
Thallium	203-1	542	492	458	497	8.43	cps
Thallium	205-1	1192	1217	1067	1158	6.94	cps
Tin	118-1	942	1000	925	956	4.12	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 18:53:00	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	425	375	375	392	7.37	cps
Uranium	238-1	342	258	192	264	28.48	cps
Vanadium	51-2	27	20	67	38	66.81	cps
Ytterbium	172-1	75	67	50	64	19.92	cps
Ytterbium	172-2	17	11	22	17	33.33	cps
Ytterbium	176-1	892	908	1017	939	7.23	cps
Ytterbium	176-2	3312	4067	3795	3725	10.28	cps
Yttrium	89-1	12565685	13009524	12856188	12810466	1.76	cps
Yttrium	89-2	1143490	1234141	1201907	1193179	3.85	cps
Zinc	66-2	197	147	207	183	17.53	cps
Zirconium	90-1	775	808	883	822	6.75	cps
Zirconium	91-1	133	125	183	147	21.43	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01MSD	Instrumnet Name :	P8
Client Sample ID :	A08015MSD	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 18:56:02	DataFile Name :	047AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1704312	1661306	1680142	1681920	1.28	cps
Antimony	121-1	3204825	3115570	3054421	3124938	2.42	cps
Arsenic	75-2	120701	118052	115312	118022	2.28	cps
Barium	135-1	5214624	5154508	5115596	5161576	0.97	cps
Barium	137-1	8850083	8623996	8782208	8752096	1.33	cps
Beryllium	9-1	1958158	1936635	1972846	1955880	0.93	cps
Bismuth	209-1	6089065	6123170	5965836	6059357	1.37	cps
Bismuth	209-2	2766198	2746802	2675683	2729561	1.75	cps
Boron	10-1	256502	269972	273022	266499	3.30	cps
Boron	11-1	1044945	1138453	1109487	1097628	4.36	cps
Bromine	81-1	47983	46315	48817	47705	2.67	cps
Cadmium	111-1	1128388	1115521	1110944	1118284	0.81	cps
Cadmium	106-1	131383	127237	118484	125701	5.24	cps
Cadmium	108-1	84001	82713	81414	82709	1.56	cps
Calcium	43-1	2921798	2800973	2670762	2797845	4.49	cps
Calcium	44-1	44684258	42988499	43416434	43696397	2.02	cps
Carbon	12-1	17250088	17492319	17375087	17372498	0.70	cps
Carbon	12-2	165249	165680	165249	165393	0.15	cps
Chlorine	35-1	119357	118617	120331	119435	0.72	cps
Chlorine	35-2	583	692	1008	761	29.02	cps
Chromium	52-2	1058263	1039884	1026158	1041435	1.55	cps
Cobalt	59-2	2014101	1981692	1926104	1973965	2.25	cps
Copper	63-2	16359674	15803082	15528601	15897119	2.66	cps
Dysprosium	156-1	79831	81558	78541	79977	1.89	cps
Dysprosium	156-2	27649	27174	27445	27423	0.87	cps
Erbium	164-1	70982	71368	69599	70650	1.32	cps
Erbium	164-2	25869	25137	24843	25283	2.09	cps
Gadolinium	160-1	72523	72214	71811	72182	0.49	cps
Gadolinium	160-2	30395	29860	28754	29670	2.82	cps
Holmium	165-1	10653233	10327091	10534034	10504786	1.57	cps
Holmium	165-2	4009226	3895293	3887849	3930789	1.73	cps
Indium	115-1	9235576	9137129	9023051	9131919	1.16	cps
Indium	115-2	1183807	1166647	1167427	1172627	0.83	cps
Iron	54-2	4873247	4892232	4895754	4887078	0.25	cps
Iron	56-2	90815144	88103027	85733552	88217241	2.88	cps
Iron	57-2	2265563	2216603	2159271	2213812	2.40	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01MSD	Instrumnet Name :	P8
Client Sample ID :	A08015MSD	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 18:56:02	DataFile Name :	047AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	2799	2827	2799	2808	0.59	cps
Lead	206-1	16862706	16834528	16477418	16724884	1.28	cps
Lead	207-1	14314510	14158287	14186994	14219930	0.58	cps
Lead	208-1	65598967	65776162	65551736	65642288	0.18	cps
Lithium	6-1	7238000	7220253	7433148	7297134	1.62	cps
Magnesium	24-2	9815691	9948860	9826924	9863825	0.75	cps
Manganese	55-2	6550418	6391198	6454915	6465510	1.24	cps
Molybdenum	94-1	8608519	8214418	8465130	8429356	2.37	cps
Molybdenum	95-1	10172058	9856323	9850329	9959570	1.85	cps
Molybdenum	96-1	11500719	11176130	10925837	11200895	2.57	cps
Molybdenum	97-1	6245810	6059327	6122774	6142637	1.54	cps
Molybdenum	98-1	16223860	15761846	15953169	15979625	1.45	cps
Neodymium	150-1	114721	113491	116403	114872	1.27	cps
Neodymium	150-2	31968	31818	30518	31435	2.54	cps
Nickel	60-2	631304	618025	601950	617093	2.38	cps
Phosphorus	31-2	14650	13966	14274	14296	2.40	cps
Potassium	39-2	3771294	3891928	3694480	3785901	2.63	cps
Rhodium	103-1	8901519	8534712	8595747	8677326	2.26	cps
Rhodium	103-2	3271204	3306140	3127139	3234828	2.93	cps
Scandium	45-1	7938089	7703597	7814106	7818597	1.50	cps
Scandium	45-2	191306	193572	188727	191201	1.27	cps
Selenium	82-1	110355	109103	109995	109818	0.59	cps
Selenium	77-2	2894	2774	2614	2760	5.09	cps
Selenium	78-2	9282	9061	8717	9020	3.16	cps
Silicon	28-1	27454109	30263902	31897612	29871874	7.52	cps
Silver	107-1	5175294	5138500	4875775	5063190	3.23	cps
Silver	109-1	4799206	4872660	4804550	4825472	0.85	cps
Sodium	23-2	17013506	16849638	16563200	16808782	1.36	cps
Strontium	86-1	2394660	2349698	2389800	2378053	1.04	cps
Strontium	88-1	20514799	19572789	19467475	19851688	2.90	cps
Sulfur	34-1	527270	514469	513917	518552	1.46	cps
Terbium	159-1	11033679	11284940	11025338	11114652	1.33	cps
Terbium	159-2	3998972	3790774	3833713	3874486	2.84	cps
Thallium	203-1	3200565	3141391	3078444	3140133	1.94	cps
Thallium	205-1	7349173	7217894	6995763	7187610	2.49	cps
Tin	118-1	2994754	2911121	2961318	2955731	1.42	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01MSD	Instrumnet Name :	P8
Client Sample ID :	A08015MSD	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 18:56:02	DataFile Name :	047AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5085308	5051624	4990114	5042349	0.96	cps
Uranium	238-1	9454092	9433963	9724765	9537607	1.70	cps
Vanadium	51-2	1035634	1037218	1003202	1025351	1.87	cps
Ytterbium	172-1	22211	20650	30416	24426	21.48	cps
Ytterbium	172-2	8642	8786	9020	8816	2.16	cps
Ytterbium	176-1	15802	15551	15752	15701	0.84	cps
Ytterbium	176-2	10710	10693	11061	10821	1.92	cps
Yttrium	89-1	17746577	16813653	16640268	17066833	3.49	cps
Yttrium	89-2	1562319	1514772	1518268	1531786	1.73	cps
Zinc	66-2	1826862	1778379	1733893	1779711	2.61	cps
Zirconium	90-1	7541766	7391262	7305692	7412906	1.61	cps
Zirconium	91-1	1732691	1647205	1678709	1686202	2.56	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01A	Instrumnet Name :	P8
Client Sample ID :	A08015A	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 18:58:58	DataFile Name :	048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1656850	1672160	1656003	1661671	0.55	cps
Antimony	121-1	3293888	3323167	3210040	3275698	1.79	cps
Arsenic	75-2	122464	120846	118393	120568	1.70	cps
Barium	135-1	5492183	5513281	5295962	5433808	2.21	cps
Barium	137-1	9292844	9224147	8814431	9110474	2.84	cps
Beryllium	9-1	2060816	2061303	1927516	2016545	3.82	cps
Bismuth	209-1	6403792	6181667	6059846	6215101	2.81	cps
Bismuth	209-2	2814505	2866666	2786244	2822472	1.45	cps
Boron	10-1	274482	278541	292633	281885	3.38	cps
Boron	11-1	1172690	1273763	1216963	1221139	4.15	cps
Bromine	81-1	46154	50796	45082	47344	6.42	cps
Cadmium	111-1	1167886	1153100	1136602	1152529	1.36	cps
Cadmium	106-1	132277	130112	127605	129998	1.80	cps
Cadmium	108-1	84717	85174	83275	84389	1.17	cps
Calcium	43-1	2908237	2677760	2673556	2753184	4.88	cps
Calcium	44-1	45193830	42588855	43033118	43605268	3.20	cps
Carbon	12-1	17834666	18392718	18304087	18177157	1.65	cps
Carbon	12-2	171309	172953	170315	171526	0.78	cps
Chlorine	35-1	120543	116897	119629	119023	1.59	cps
Chlorine	35-2	692	767	783	747	6.53	cps
Chromium	52-2	1058655	1028905	1043648	1043736	1.43	cps
Cobalt	59-2	2120349	2036793	1975745	2044296	3.55	cps
Copper	63-2	15762563	16084758	15734901	15860740	1.23	cps
Dysprosium	156-1	85885	85894	84158	85312	1.17	cps
Dysprosium	156-2	28277	28447	27305	28010	2.20	cps
Erbium	164-1	72323	71829	70430	71527	1.37	cps
Erbium	164-2	25965	26487	25715	26056	1.51	cps
Gadolinium	160-1	72900	73805	74769	73825	1.27	cps
Gadolinium	160-2	31718	30041	29720	30493	3.52	cps
Holmium	165-1	10973604	10884648	10482683	10780312	2.43	cps
Holmium	165-2	4069665	4092957	3902220	4021614	2.59	cps
Indium	115-1	9560300	9443993	9204697	9402997	1.93	cps
Indium	115-2	1218306	1193573	1176441	1196107	1.76	cps
Iron	54-2	5131466	5131642	4969133	5077414	1.85	cps
Iron	56-2	94076377	91492410	89259949	91609579	2.63	cps
Iron	57-2	2400057	2356591	2351780	2369476	1.12	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01A	Instrumnet Name :	P8
Client Sample ID :	A08015A	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 18:58:58	DataFile Name :	048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	2711	2782	2557	2684	4.29	cps
Lead	206-1	17393433	17419743	16918803	17243993	1.63	cps
Lead	207-1	14738654	14907765	14692344	14779588	0.77	cps
Lead	208-1	69798485	67825210	67979757	68534484	1.60	cps
Lithium	6-1	7872188	7575064	7150287	7532513	4.82	cps
Magnesium	24-2	9890509	9896157	10176353	9987673	1.64	cps
Manganese	55-2	6690427	6495407	6519769	6568534	1.62	cps
Molybdenum	94-1	8874715	8516011	8446842	8612523	2.67	cps
Molybdenum	95-1	10596766	10592658	10354414	10514613	1.32	cps
Molybdenum	96-1	11895567	11494271	11648773	11679537	1.73	cps
Molybdenum	97-1	6524854	6295812	6267450	6362705	2.22	cps
Molybdenum	98-1	16826549	16847991	16278212	16650917	1.94	cps
Neodymium	150-1	124049	124392	120599	123013	1.71	cps
Neodymium	150-2	33876	32917	32640	33144	1.96	cps
Nickel	60-2	647705	626620	624145	632823	2.05	cps
Phosphorus	31-2	14107	14191	13382	13893	3.20	cps
Potassium	39-2	4051756	4058567	3832781	3981035	3.23	cps
Rhodium	103-1	9142629	8852072	8649473	8881391	2.79	cps
Rhodium	103-2	3457242	3363059	3144956	3321752	4.82	cps
Scandium	45-1	8498888	8110196	7702937	8104007	4.91	cps
Scandium	45-2	195485	193163	189688	192778	1.51	cps
Selenium	82-1	114310	114187	112774	113757	0.75	cps
Selenium	77-2	2667	2960	2630	2753	6.57	cps
Selenium	78-2	9443	9152	9152	9249	1.82	cps
Silicon	28-1	27540318	27464564	27925988	27643624	0.90	cps
Silver	107-1	5417876	5200873	5180154	5266301	2.50	cps
Silver	109-1	5173270	5053675	4892027	5039658	2.80	cps
Sodium	23-2	17271890	17336938	16784686	17131171	1.76	cps
Strontium	86-1	2480383	2294970	2415564	2396972	3.93	cps
Strontium	88-1	21765075	19588895	19900022	20417998	5.76	cps
Sulfur	34-1	512264	503423	504761	506816	0.94	cps
Terbium	159-1	11533971	11733755	11260171	11509299	2.07	cps
Terbium	159-2	3978953	3984756	3941580	3968430	0.59	cps
Thallium	203-1	3327844	3273117	3170458	3257140	2.45	cps
Thallium	205-1	7500223	7543830	7267593	7437215	2.00	cps
Tin	118-1	3061835	3041945	3047678	3050486	0.34	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-01A	Instrumnet Name :	P8
Client Sample ID :	A08015A	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 18:58:58	DataFile Name :	048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5290421	5077128	4987268	5118272	3.04	cps
Uranium	238-1	10237750	9630331	9926932	9931671	3.06	cps
Vanadium	51-2	1057133	1030144	1007456	1031578	2.41	cps
Ytterbium	172-1	22094	20875	20842	21270	3.35	cps
Ytterbium	172-2	9298	9398	8875	9190	3.02	cps
Ytterbium	176-1	16427	15827	16094	16116	1.87	cps
Ytterbium	176-2	11149	10794	10610	10851	2.53	cps
Yttrium	89-1	18147259	17536121	17105406	17596262	2.98	cps
Yttrium	89-2	1573722	1589508	1542049	1568426	1.54	cps
Zinc	66-2	1796520	1859618	1846187	1834108	1.81	cps
Zirconium	90-1	7863821	7658868	7347043	7623244	3.41	cps
Zirconium	91-1	1776185	1719376	1658848	1718136	3.42	cps

LB Number : LB119720 Operator : Jaswal
 Lab Sample ID : N2237-02 Instrumnet Name : P8
 Client Sample ID : A13015 Dilution Factor : 1
 Date & Time Acquired :: 2022-04-15 19:01:53 DataFile Name : 049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2254062	2335710	2350733	2313502	2.25	cps
Antimony	121-1	30501	31311	30986	30933	1.32	cps
Arsenic	75-2	21877	21957	21452	21762	1.25	cps
Barium	135-1	2549547	2614039	2523432	2562339	1.82	cps
Barium	137-1	4434750	4437479	4343801	4405344	1.21	cps
Beryllium	9-1	24223	23476	24087	23929	1.66	cps
Bismuth	209-1	6781276	6156455	6150142	6362624	5.70	cps
Bismuth	209-2	2925744	2827145	2904079	2885656	1.80	cps
Boron	10-1	41180	40320	40574	40691	1.09	cps
Boron	11-1	179040	173976	170515	174510	2.46	cps
Bromine	81-1	58192	59238	58494	58641	0.92	cps
Cadmium	111-1	75814	78385	75133	76444	2.24	cps
Cadmium	106-1	13782	14124	13190	13699	3.45	cps
Cadmium	108-1	6018	5901	5926	5949	1.03	cps
Calcium	43-1	3270460	3082470	3062400	3138443	3.66	cps
Calcium	44-1	53016923	48668890	50502878	50729564	4.30	cps
Carbon	12-1	46787274	49074006	47864009	47908430	2.39	cps
Carbon	12-2	444956	449028	445326	446437	0.50	cps
Chlorine	35-1	159591	159568	164674	161277	1.82	cps
Chlorine	35-2	1183	1008	1025	1072	9.01	cps
Chromium	52-2	234904	235622	228875	233133	1.59	cps
Cobalt	59-2	324601	319701	317529	320610	1.13	cps
Copper	63-2	2173224	2233022	2208157	2204801	1.36	cps
Dysprosium	156-1	102855	98102	99161	100039	2.49	cps
Dysprosium	156-2	34388	35183	33756	34442	2.08	cps
Erbium	164-1	86525	83976	84342	84948	1.62	cps
Erbium	164-2	30662	29653	29653	29989	1.94	cps
Gadolinium	160-1	93982	91195	92167	92448	1.53	cps
Gadolinium	160-2	38252	37974	38753	38326	1.03	cps
Holmium	165-1	11121345	10514047	10912485	10849293	2.84	cps
Holmium	165-2	4132819	4190728	4175304	4166284	0.72	cps
Indium	115-1	9877560	9944913	9729365	9850613	1.12	cps
Indium	115-2	1258638	1248028	1266836	1257834	0.75	cps
Iron	54-2	13191942	12839710	12856742	12962798	1.53	cps
Iron	56-2	237306833	231568783	238401972	235759196	1.56	cps
Iron	57-2	5851523	5909050	5914511	5891695	0.59	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-02	Instrumnet Name :	P8
Client Sample ID :	A13015	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 19:01:53	DataFile Name :	049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	2807	2890	2724	2807	2.96	cps
Lead	206-1	22679083	21904533	21138528	21907382	3.52	cps
Lead	207-1	18576328	18139825	17169560	17961904	4.01	cps
Lead	208-1	88535173	85031330	80671449	84745984	4.65	cps
Lithium	6-1	7286453	7925231	7581553	7597746	4.21	cps
Magnesium	24-2	6670064	6607107	6513424	6596865	1.19	cps
Manganese	55-2	5227715	5254493	5318526	5266911	0.89	cps
Molybdenum	94-1	329654	320267	326146	325356	1.46	cps
Molybdenum	95-1	90361	86746	90160	89089	2.28	cps
Molybdenum	96-1	157649	152383	155551	155194	1.71	cps
Molybdenum	97-1	56592	54265	54508	55122	2.32	cps
Molybdenum	98-1	140981	140895	139482	140453	0.60	cps
Neodymium	150-1	147197	144682	150630	147503	2.02	cps
Neodymium	150-2	40658	38956	40047	39887	2.16	cps
Nickel	60-2	228931	229956	227686	228858	0.50	cps
Phosphorus	31-2	10045	9970	9136	9717	5.19	cps
Potassium	39-2	632145	626726	626393	628421	0.51	cps
Rhodium	103-1	9530951	9073122	9074748	9226274	2.86	cps
Rhodium	103-2	3386215	3412119	3442207	3413514	0.82	cps
Scandium	45-1	8778698	7905570	8118561	8267610	5.51	cps
Scandium	45-2	203081	201037	200469	201529	0.68	cps
Selenium	82-1	3911	3633	3885	3810	4.02	cps
Selenium	77-2	260	240	260	253	4.56	cps
Selenium	78-2	486	467	481	478	2.06	cps
Silicon	28-1	36246099	33858255	33510322	34538225	4.31	cps
Silver	107-1	12731	12623	11989	12448	3.22	cps
Silver	109-1	11513	11555	11388	11486	0.76	cps
Sodium	23-2	335416	328528	329765	331236	1.11	cps
Strontium	86-1	1378914	1342473	1328153	1349847	1.94	cps
Strontium	88-1	11506805	11416167	11340025	11420999	0.73	cps
Sulfur	34-1	917498	906527	891913	905313	1.42	cps
Terbium	159-1	11911979	11132609	11388042	11477543	3.46	cps
Terbium	159-2	4124467	4103116	4050944	4092842	0.92	cps
Thallium	203-1	16294	15376	15668	15780	2.97	cps
Thallium	205-1	37439	36059	35717	36405	2.50	cps
Tin	118-1	106994	106306	105617	106305	0.65	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-02	Instrumnet Name :	P8
Client Sample ID :	A13015	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 19:01:53	DataFile Name :	049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1740624	1643822	1652370	1678939	3.19	cps
Uranium	238-1	91348	90095	91716	91053	0.93	cps
Vanadium	51-2	272687	274449	269376	272171	0.95	cps
Ytterbium	172-1	27496	25575	25417	26163	4.42	cps
Ytterbium	172-2	11427	10688	10888	11001	3.48	cps
Ytterbium	176-1	18864	18931	18505	18767	1.22	cps
Ytterbium	176-2	11678	12556	11861	12032	3.85	cps
Yttrium	89-1	18943278	17564196	17711578	18073017	4.19	cps
Yttrium	89-2	1631081	1637635	1584756	1617824	1.78	cps
Zinc	66-2	1752314	1746382	1711081	1736592	1.28	cps
Zirconium	90-1	787379	757503	753244	766042	2.43	cps
Zirconium	91-1	172996	174391	168724	172037	1.72	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-03	Instrumnet Name :	P8
Client Sample ID :	A13145	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 19:04:49	DataFile Name :	050AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1909649	1883263	1903301	1898738	0.73	cps
Antimony	121-1	2709	2592	2392	2564	6.25	cps
Arsenic	75-2	5870	5826	5768	5821	0.88	cps
Barium	135-1	1320115	1272956	1267498	1286856	2.25	cps
Barium	137-1	2319870	2231231	2247288	2266130	2.08	cps
Beryllium	9-1	40570	39870	39886	40109	1.00	cps
Bismuth	209-1	6689612	6684843	6275403	6549953	3.63	cps
Bismuth	209-2	3061435	2994317	3027649	3027801	1.11	cps
Boron	10-1	23649	23536	23570	23585	0.24	cps
Boron	11-1	106025	103272	99730	103009	3.06	cps
Bromine	81-1	52998	54084	53038	53373	1.15	cps
Cadmium	111-1	6414	6214	6677	6435	3.61	cps
Cadmium	106-1	6327	6427	6802	6518	3.84	cps
Cadmium	108-1	783	800	817	800	2.08	cps
Calcium	43-1	798431	783158	768265	783285	1.93	cps
Calcium	44-1	12891583	12667963	12149746	12569764	3.03	cps
Carbon	12-1	28964140	29306146	29896704	29388997	1.61	cps
Carbon	12-2	269571	272825	270224	270873	0.64	cps
Chlorine	35-1	141573	145318	142675	143189	1.34	cps
Chlorine	35-2	983	900	1017	967	6.22	cps
Chromium	52-2	105328	98255	98316	100633	4.04	cps
Cobalt	59-2	371128	362717	361686	365177	1.42	cps
Copper	63-2	963920	956388	958240	959516	0.41	cps
Dysprosium	156-1	107138	108097	101327	105521	3.47	cps
Dysprosium	156-2	37202	37011	36219	36811	1.42	cps
Erbium	164-1	107353	102018	103076	104149	2.71	cps
Erbium	164-2	37436	36557	37894	37296	1.82	cps
Gadolinium	160-1	101312	98295	98405	99338	1.72	cps
Gadolinium	160-2	42170	40849	40137	41052	2.51	cps
Holmium	165-1	11573794	11381737	11018028	11324520	2.49	cps
Holmium	165-2	4395522	4099533	4182360	4225805	3.61	cps
Indium	115-1	10398168	10224732	10317072	10313324	0.84	cps
Indium	115-2	1331902	1324176	1285176	1313751	1.91	cps
Iron	54-2	7488235	7173030	7429936	7363733	2.28	cps
Iron	56-2	139814067	134491478	133306942	135870829	2.55	cps
Iron	57-2	3547387	3364534	3357333	3423085	3.15	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-03	Instrumnet Name :	P8
Client Sample ID :	A13145	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 19:04:49	DataFile Name :	050AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	2876	2786	2837	2833	1.59	cps
Lead	206-1	2294145	2225507	2140109	2219920	3.48	cps
Lead	207-1	1894697	1912723	1835051	1880824	2.16	cps
Lead	208-1	8827450	8872915	8352904	8684423	3.32	cps
Lithium	6-1	8083246	7618498	8023108	7908284	3.20	cps
Magnesium	24-2	1408153	1359587	1353677	1373806	2.18	cps
Manganese	55-2	4072794	3964778	3993310	4010294	1.40	cps
Molybdenum	94-1	248045	244904	239320	244090	1.81	cps
Molybdenum	95-1	35379	34084	33817	34427	2.43	cps
Molybdenum	96-1	83754	83461	82068	83094	1.08	cps
Molybdenum	97-1	21659	20632	21467	21253	2.57	cps
Molybdenum	98-1	55345	51790	51965	53033	3.78	cps
Neodymium	150-1	147086	143642	140975	143901	2.13	cps
Neodymium	150-2	40010	38662	38395	39022	2.22	cps
Nickel	60-2	114541	112948	108910	112133	2.59	cps
Phosphorus	31-2	6327	6477	6885	6563	4.40	cps
Potassium	39-2	864654	865716	841470	857280	1.60	cps
Rhodium	103-1	10012554	9808585	9726772	9849304	1.49	cps
Rhodium	103-2	3697783	3674416	3629347	3667182	0.95	cps
Scandium	45-1	8844057	8496726	8506846	8615876	2.29	cps
Scandium	45-2	216859	208551	211710	212373	1.97	cps
Selenium	82-1	5195	5208	5153	5185	0.56	cps
Selenium	77-2	280	307	347	311	10.78	cps
Selenium	78-2	572	565	588	575	2.05	cps
Silicon	28-1	22581367	21709848	21547486	21946234	2.53	cps
Silver	107-1	4993	5018	5076	5029	0.85	cps
Silver	109-1	4059	4292	4284	4212	3.14	cps
Sodium	23-2	370837	365015	357644	364499	1.81	cps
Strontium	86-1	1029283	985971	997808	1004354	2.23	cps
Strontium	88-1	8754174	8531368	8350338	8545294	2.37	cps
Sulfur	34-1	654080	645772	638635	646163	1.20	cps
Terbium	159-1	12107973	11872324	11360897	11780398	3.24	cps
Terbium	159-2	4172297	4200564	4079539	4150800	1.53	cps
Thallium	203-1	4776	4718	4192	4562	7.05	cps
Thallium	205-1	10805	10630	11280	10905	3.09	cps
Tin	118-1	17078	16727	16610	16805	1.45	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-03	Instrumnet Name :	P8
Client Sample ID :	A13145	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 19:04:49	DataFile Name :	050AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1612463	1571519	1562656	1582213	1.68	cps
Uranium	238-1	145939	137955	137206	140367	3.45	cps
Vanadium	51-2	110852	106157	106335	107781	2.47	cps
Ytterbium	172-1	37605	34814	34037	35485	5.29	cps
Ytterbium	172-2	14625	13997	14408	14343	2.23	cps
Ytterbium	176-1	24290	23664	22954	23636	2.83	cps
Ytterbium	176-2	14525	14636	14592	14584	0.38	cps
Yttrium	89-1	19910922	18747740	18486758	19048474	3.98	cps
Yttrium	89-2	1702556	1732111	1693591	1709419	1.18	cps
Zinc	66-2	158554	154556	154684	155931	1.46	cps
Zirconium	90-1	643063	605362	625974	624800	3.02	cps
Zirconium	91-1	141844	137023	137477	138781	1.92	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-04	Instrumnet Name :	P8
Client Sample ID :	A12015	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 19:07:42	DataFile Name :	051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1852397	1808487	1843763	1834882	1.27	cps
Antimony	121-1	8745	8453	8420	8539	2.10	cps
Arsenic	75-2	172183	171085	168775	170681	1.02	cps
Barium	135-1	1833393	1739663	1835959	1803005	3.04	cps
Barium	137-1	3213282	3069922	3132619	3138608	2.29	cps
Beryllium	9-1	15155	14929	14799	14961	1.21	cps
Bismuth	209-1	7157666	7103684	6585967	6949106	4.54	cps
Bismuth	209-2	3093367	3098196	3058596	3083387	0.70	cps
Boron	10-1	20114	20162	19748	20008	1.13	cps
Boron	11-1	87456	86300	87910	87222	0.95	cps
Bromine	81-1	53529	51600	53177	52769	1.95	cps
Cadmium	111-1	5175	4678	5179	5010	5.75	cps
Cadmium	106-1	7827	7169	7644	7547	4.50	cps
Cadmium	108-1	1096	1046	871	1004	11.77	cps
Calcium	43-1	547296	538599	528560	538152	1.74	cps
Calcium	44-1	9055336	8587831	8481768	8708312	3.50	cps
Carbon	12-1	34261439	35434730	36224694	35306954	2.80	cps
Carbon	12-2	332948	319130	321846	324641	2.26	cps
Chlorine	35-1	137299	140614	134111	137341	2.37	cps
Chlorine	35-2	758	925	1092	925	18.02	cps
Chromium	52-2	75213	74764	74084	74687	0.76	cps
Cobalt	59-2	33563	32758	31819	32713	2.67	cps
Copper	63-2	499675	496307	485632	493871	1.48	cps
Dysprosium	156-1	108315	103131	102210	104552	3.15	cps
Dysprosium	156-2	38549	38797	38171	38506	0.82	cps
Erbium	164-1	115544	108451	109755	111250	3.39	cps
Erbium	164-2	40027	39853	38071	39317	2.75	cps
Gadolinium	160-1	112013	105333	104266	107204	3.92	cps
Gadolinium	160-2	43601	44100	41592	43098	3.08	cps
Holmium	165-1	12258454	11483536	11353647	11698546	4.18	cps
Holmium	165-2	4501254	4366984	4300819	4389685	2.33	cps
Indium	115-1	11027928	10555082	10571644	10718218	2.50	cps
Indium	115-2	1377438	1380549	1355315	1371101	1.00	cps
Iron	54-2	12454327	12307601	12213684	12325204	0.98	cps
Iron	56-2	225287316	225764949	227192922	226081729	0.44	cps
Iron	57-2	5698774	5547781	5458037	5568198	2.18	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-04	Instrumnet Name :	P8
Client Sample ID :	A12015	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 19:07:42	DataFile Name :	051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	2894	2905	2957	2919	1.17	cps
Lead	206-1	2549244	2380337	2363924	2431168	4.22	cps
Lead	207-1	2088855	2076390	1963415	2042887	3.38	cps
Lead	208-1	9701686	9386615	9148993	9412431	2.95	cps
Lithium	6-1	8511831	8151752	8322172	8328585	2.16	cps
Magnesium	24-2	1115975	1112323	1128047	1118782	0.74	cps
Manganese	55-2	157082	154204	152813	154700	1.41	cps
Molybdenum	94-1	398700	391016	386202	391973	1.61	cps
Molybdenum	95-1	83267	83042	83569	83293	0.32	cps
Molybdenum	96-1	165599	159560	156588	160582	2.86	cps
Molybdenum	97-1	53872	52525	52023	52807	1.81	cps
Molybdenum	98-1	138152	133851	132422	134808	2.21	cps
Neodymium	150-1	117456	111312	109995	112921	3.53	cps
Neodymium	150-2	30411	30468	29038	29972	2.70	cps
Nickel	60-2	42166	42186	41086	41812	1.50	cps
Phosphorus	31-2	1792	2117	1950	1953	8.32	cps
Potassium	39-2	1669492	1634791	1588810	1631031	2.48	cps
Rhodium	103-1	10925490	10175307	10268879	10456558	3.91	cps
Rhodium	103-2	3797496	3843756	3719521	3786924	1.66	cps
Scandium	45-1	9491366	9040698	8924083	9152049	3.27	cps
Scandium	45-2	225852	216753	217615	220073	2.28	cps
Selenium	82-1	22380	21388	21250	21673	2.84	cps
Selenium	77-2	627	753	607	662	12.01	cps
Selenium	78-2	1829	1812	1744	1795	2.51	cps
Silicon	28-1	33052824	31900079	31674626	32209176	2.30	cps
Silver	107-1	16886	15593	15868	16116	4.23	cps
Silver	109-1	14934	14658	15359	14984	2.36	cps
Sodium	23-2	1040207	1002710	971230	1004716	3.44	cps
Strontium	86-1	869457	866711	878527	871565	0.71	cps
Strontium	88-1	7614717	7201826	7566958	7461167	3.03	cps
Sulfur	34-1	1813819	1787805	1711818	1771147	2.99	cps
Terbium	159-1	13322376	12319434	12066649	12569486	5.28	cps
Terbium	159-2	4536921	4469858	4201057	4402612	4.04	cps
Thallium	203-1	32492	31197	32157	31948	2.10	cps
Thallium	205-1	77400	73729	72228	74452	3.57	cps
Tin	118-1	5910	6302	6177	6130	3.27	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-04	Instrumnet Name :	P8
Client Sample ID :	A12015	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 19:07:42	DataFile Name :	051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	80185	72335	99891	84137	16.87	cps
Uranium	238-1	129753	127794	120019	125856	4.09	cps
Vanadium	51-2	110006	108148	107305	108487	1.27	cps
Ytterbium	172-1	36000	30210	30344	32185	10.27	cps
Ytterbium	172-2	13396	12945	12851	13064	2.23	cps
Ytterbium	176-1	22787	21935	21577	22100	2.81	cps
Ytterbium	176-2	13802	14058	13346	13735	2.63	cps
Yttrium	89-1	20487126	20007071	20228613	20240937	1.19	cps
Yttrium	89-2	1758524	1806702	1794917	1786715	1.41	cps
Zinc	66-2	34963	34910	34599	34824	0.56	cps
Zirconium	90-1	962609	954541	946315	954489	0.85	cps
Zirconium	91-1	220717	209279	209191	213062	3.11	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-05	Instrumnet Name :	P8
Client Sample ID :	A12040	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 19:10:38	DataFile Name :	052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2097638	2110764	2174364	2127589	1.93	cps
Antimony	121-1	47333	46037	45962	46444	1.66	cps
Arsenic	75-2	134354	132108	131996	132819	1.00	cps
Barium	135-1	2582030	2544177	2482224	2536144	1.99	cps
Barium	137-1	4433421	4233732	4313135	4326763	2.32	cps
Beryllium	9-1	26240	26350	24401	25664	4.27	cps
Bismuth	209-1	7468113	7252340	6981550	7234001	3.37	cps
Bismuth	209-2	3170596	3160386	3176372	3169118	0.26	cps
Boron	10-1	18826	18152	18502	18493	1.82	cps
Boron	11-1	80393	81177	81258	80942	0.59	cps
Bromine	81-1	55981	55621	55468	55690	0.47	cps
Cadmium	111-1	41687	40269	37065	39674	5.97	cps
Cadmium	106-1	12139	11230	10096	11155	9.18	cps
Cadmium	108-1	3480	3284	3313	3359	3.15	cps
Calcium	43-1	1023367	1006352	972268	1000662	2.60	cps
Calcium	44-1	16162469	15973710	15926947	16021042	0.78	cps
Carbon	12-1	43983523	44516695	43971281	44157166	0.71	cps
Carbon	12-2	408998	410736	409147	409627	0.24	cps
Chlorine	35-1	142691	139226	140648	140855	1.24	cps
Chlorine	35-2	942	983	850	925	7.37	cps
Chromium	52-2	169443	170133	167379	168985	0.85	cps
Cobalt	59-2	112354	110570	110129	111018	1.06	cps
Copper	63-2	2090611	2094712	2081767	2089030	0.32	cps
Dysprosium	156-1	110820	106719	103441	106993	3.46	cps
Dysprosium	156-2	37118	37058	36273	36816	1.28	cps
Erbium	164-1	102654	100212	100346	101071	1.36	cps
Erbium	164-2	34919	34899	35424	35081	0.85	cps
Gadolinium	160-1	112313	104142	104326	106927	4.36	cps
Gadolinium	160-2	42805	42207	42180	42397	0.83	cps
Holmium	165-1	12553991	12112774	11931426	12199397	2.62	cps
Holmium	165-2	4447760	4498797	4441461	4462673	0.70	cps
Indium	115-1	11689337	11193642	10880579	11254520	3.62	cps
Indium	115-2	1392507	1370422	1371003	1377978	0.91	cps
Iron	54-2	12240241	12064926	11943267	12082811	1.24	cps
Iron	56-2	230489194	216885922	218128060	221834392	3.39	cps
Iron	57-2	5658641	5563305	5472146	5564697	1.68	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-05	Instrumnet Name :	P8
Client Sample ID :	A12040	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 19:10:38	DataFile Name :	052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	3034	2917	2930	2960	2.16	cps
Lead	206-1	24691049	24025753	23738690	24151831	2.02	cps
Lead	207-1	21308832	20727562	20210285	20748893	2.65	cps
Lead	208-1	99663316	95933054	93579031	96391800	3.18	cps
Lithium	6-1	8583906	8267647	7860012	8237188	4.41	cps
Magnesium	24-2	1075753	1058674	1071695	1068707	0.83	cps
Manganese	55-2	1059269	1039778	1030575	1043207	1.40	cps
Molybdenum	94-1	371016	361228	349843	360696	2.94	cps
Molybdenum	95-1	81037	82018	75515	79523	4.41	cps
Molybdenum	96-1	154044	153579	147298	151640	2.48	cps
Molybdenum	97-1	48937	49130	47357	48475	2.01	cps
Molybdenum	98-1	127763	125146	124323	125744	1.43	cps
Neodymium	150-1	129522	128047	129204	128924	0.60	cps
Neodymium	150-2	34394	33168	34504	34022	2.18	cps
Nickel	60-2	99946	99818	98428	99397	0.85	cps
Phosphorus	31-2	6368	6902	6960	6743	4.84	cps
Potassium	39-2	1488916	1460619	1406377	1451970	2.89	cps
Rhodium	103-1	11149192	10810267	10324591	10761350	3.85	cps
Rhodium	103-2	3887583	3914327	3838680	3880197	0.99	cps
Scandium	45-1	9884380	9212538	9429992	9508970	3.61	cps
Scandium	45-2	227965	227646	225864	227158	0.50	cps
Selenium	82-1	14857	14780	14550	14729	1.08	cps
Selenium	77-2	600	620	447	556	17.07	cps
Selenium	78-2	1403	1420	1349	1391	2.67	cps
Silicon	28-1	33187984	32924563	30279310	32130619	5.01	cps
Silver	107-1	41346	41731	39716	40931	2.61	cps
Silver	109-1	39123	37869	36040	37677	4.12	cps
Sodium	23-2	514111	498760	499222	504031	1.73	cps
Strontium	86-1	805693	790578	770722	788998	2.22	cps
Strontium	88-1	6764660	6711773	6702816	6726416	0.50	cps
Sulfur	34-1	1562096	1550891	1473927	1528971	3.14	cps
Terbium	159-1	13452767	12672981	12395789	12840512	4.27	cps
Terbium	159-2	4507030	4277919	4376097	4387015	2.62	cps
Thallium	203-1	63465	60292	58232	60663	4.35	cps
Thallium	205-1	151254	139826	139643	143574	4.63	cps
Tin	118-1	38898	37293	37386	37859	2.38	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-05	Instrumnet Name :	P8
Client Sample ID :	A12040	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 19:10:38	DataFile Name :	052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	510703	482817	479074	490865	3.52	cps
Uranium	238-1	116545	113335	113677	114519	1.54	cps
Vanadium	51-2	158196	159260	156330	157928	0.94	cps
Ytterbium	172-1	29483	30252	29317	29684	1.68	cps
Ytterbium	172-2	12350	11689	11666	11902	3.27	cps
Ytterbium	176-1	23254	21443	20992	21897	5.47	cps
Ytterbium	176-2	13958	13641	13863	13820	1.18	cps
Yttrium	89-1	21204036	20799472	19729906	20577805	3.70	cps
Yttrium	89-2	1819616	1774951	1815013	1803193	1.36	cps
Zinc	66-2	691724	687240	683142	687369	0.62	cps
Zirconium	90-1	891847	875529	858243	875206	1.92	cps
Zirconium	91-1	200282	195982	192911	196392	1.89	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-06	Instrumnet Name :	P8
Client Sample ID :	A01015	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 19:13:32	DataFile Name :	053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1378554	1373489	1353542	1368528	0.97	cps
Antimony	121-1	48026	47617	46639	47428	1.50	cps
Arsenic	75-2	20992	20628	20732	20784	0.90	cps
Barium	135-1	2238052	2256996	2148575	2214541	2.61	cps
Barium	137-1	3879611	3875902	3708454	3821322	2.56	cps
Beryllium	9-1	19485	19435	18510	19143	2.87	cps
Bismuth	209-1	6792417	6807212	6419193	6672940	3.30	cps
Bismuth	209-2	3051441	3097349	3057019	3068603	0.82	cps
Boron	10-1	20773	20561	21105	20813	1.32	cps
Boron	11-1	87349	90748	91226	89774	2.35	cps
Bromine	81-1	60052	62123	57227	59801	4.11	cps
Cadmium	111-1	37244	37481	37231	37319	0.38	cps
Cadmium	106-1	8703	9303	9095	9034	3.37	cps
Cadmium	108-1	3013	2971	2917	2967	1.62	cps
Calcium	43-1	1309182	1224818	1184575	1239525	5.13	cps
Calcium	44-1	20023507	19309846	19104954	19479436	2.48	cps
Carbon	12-1	43302146	45169167	44976103	44482472	2.31	cps
Carbon	12-2	417153	413021	411766	413980	0.68	cps
Chlorine	35-1	151953	152768	152532	152418	0.27	cps
Chlorine	35-2	950	1042	992	995	4.62	cps
Chromium	52-2	303254	298140	297061	299485	1.10	cps
Cobalt	59-2	277766	275187	274617	275857	0.61	cps
Copper	63-2	33835433	34086771	34204904	34042369	0.55	cps
Dysprosium	156-1	73897	71661	72004	72520	1.66	cps
Dysprosium	156-2	24620	24796	24025	24480	1.65	cps
Erbium	164-1	65504	63185	61059	63249	3.52	cps
Erbium	164-2	22352	22753	21888	22331	1.94	cps
Gadolinium	160-1	67128	65730	64566	65808	1.95	cps
Gadolinium	160-2	27392	26861	26957	27070	1.05	cps
Holmium	165-1	11711822	11652566	10876581	11413657	4.08	cps
Holmium	165-2	4425077	4368388	4361701	4385055	0.79	cps
Indium	115-1	10876679	10939699	10542863	10786413	1.98	cps
Indium	115-2	1372845	1348655	1358658	1360052	0.89	cps
Iron	54-2	18634275	18381179	18720380	18578612	0.95	cps
Iron	56-2	345077819	333280330	338601774	338986641	1.74	cps
Iron	57-2	8617237	8633704	8450054	8566998	1.19	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-06	Instrumnet Name :	P8
Client Sample ID :	A01015	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 19:13:32	DataFile Name :	053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	2930	2792	2890	2871	2.46	cps
Lead	206-1	5634852	5490585	5423936	5516458	1.95	cps
Lead	207-1	4716711	4729915	4547482	4664703	2.18	cps
Lead	208-1	21881235	21691618	21242007	21604953	1.52	cps
Lithium	6-1	8189886	8007781	7669372	7955680	3.32	cps
Magnesium	24-2	626577	623848	634741	628389	0.90	cps
Manganese	55-2	1752731	1664860	1747593	1721728	2.86	cps
Molybdenum	94-1	242767	232090	232284	235714	2.59	cps
Molybdenum	95-1	157373	150815	145812	151333	3.83	cps
Molybdenum	96-1	215002	210400	204446	209949	2.52	cps
Molybdenum	97-1	97267	94926	91654	94615	2.98	cps
Molybdenum	98-1	251850	242976	235953	243593	3.27	cps
Neodymium	150-1	101744	103343	98164	101084	2.62	cps
Neodymium	150-2	27067	27832	27054	27318	1.63	cps
Nickel	60-2	189545	186153	187393	187697	0.91	cps
Phosphorus	31-2	7827	7836	8586	8083	5.39	cps
Potassium	39-2	577347	587320	594719	586462	1.49	cps
Rhodium	103-1	10275691	9816681	9975703	10022692	2.33	cps
Rhodium	103-2	3888318	3734031	3766394	3796248	2.14	cps
Scandium	45-1	9181831	8964601	8535167	8893866	3.70	cps
Scandium	45-2	214758	220505	220665	218642	1.54	cps
Selenium	82-1	6964	7212	6861	7012	2.58	cps
Selenium	77-2	263	237	317	272	14.96	cps
Selenium	78-2	674	702	742	706	4.84	cps
Silicon	28-1	21614203	21206623	20248906	21023244	3.33	cps
Silver	107-1	13132	13440	12664	13079	2.99	cps
Silver	109-1	12314	12122	11580	12006	3.17	cps
Sodium	23-2	343623	340268	341426	341772	0.50	cps
Strontium	86-1	962408	923689	917679	934592	2.60	cps
Strontium	88-1	8306326	8023927	7943429	8091228	2.36	cps
Sulfur	34-1	845667	983156	846107	891643	8.89	cps
Terbium	159-1	12047519	12371637	12190801	12203319	1.33	cps
Terbium	159-2	4417138	4250583	4481227	4382982	2.72	cps
Thallium	203-1	15018	14650	13991	14553	3.57	cps
Thallium	205-1	34396	34355	34346	34366	0.08	cps
Tin	118-1	844686	824105	789079	819290	3.43	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-06	Instrumnet Name :	P8
Client Sample ID :	A01015	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 19:13:32	DataFile Name :	053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1763992	1669952	1704108	1712684	2.78	cps
Uranium	238-1	79316	75642	73876	76278	3.64	cps
Vanadium	51-2	193230	192920	193197	193116	0.09	cps
Ytterbium	172-1	21410	19682	19649	20247	4.98	cps
Ytterbium	172-2	8364	8069	8253	8229	1.81	cps
Ytterbium	176-1	15059	14659	13207	14308	6.81	cps
Ytterbium	176-2	10521	10065	11138	10575	5.09	cps
Yttrium	89-1	20169305	19669513	18959610	19599476	3.10	cps
Yttrium	89-2	1779198	1784037	1717461	1760232	2.11	cps
Zinc	66-2	942709	919372	911726	924602	1.75	cps
Zirconium	90-1	420149	406130	394206	406828	3.19	cps
Zirconium	91-1	95108	89546	90269	91641	3.30	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-07	Instrumnet Name :	P8
Client Sample ID :	A01040	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 19:16:27	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1540246	1569725	1578804	1562925	1.29	cps
Antimony	121-1	15926	16235	15935	16032	1.10	cps
Arsenic	75-2	17403	17271	16823	17166	1.77	cps
Barium	135-1	1113417	1107056	1086713	1102395	1.27	cps
Barium	137-1	1967498	1892333	1928033	1929288	1.95	cps
Beryllium	9-1	20448	20773	20729	20650	0.85	cps
Bismuth	209-1	7028574	6906010	6618724	6851103	3.07	cps
Bismuth	209-2	3160425	3068886	3119150	3116154	1.47	cps
Boron	10-1	14350	14875	14867	14697	2.05	cps
Boron	11-1	62312	65873	63947	64044	2.78	cps
Bromine	81-1	57047	55680	56143	56290	1.24	cps
Cadmium	111-1	11832	11727	11994	11851	1.13	cps
Cadmium	106-1	7736	7536	7502	7591	1.66	cps
Cadmium	108-1	1313	1363	1204	1293	6.26	cps
Calcium	43-1	1587745	1515254	1481380	1528126	3.56	cps
Calcium	44-1	25181393	24024258	23425841	24210497	3.69	cps
Carbon	12-1	49887155	50530777	49982262	50133398	0.69	cps
Carbon	12-2	454813	456327	455926	455689	0.17	cps
Chlorine	35-1	156920	157267	156467	156885	0.26	cps
Chlorine	35-2	1083	1050	1100	1078	2.36	cps
Chromium	52-2	143276	142197	142331	142602	0.41	cps
Cobalt	59-2	264566	265798	259796	263387	1.20	cps
Copper	63-2	1337239	1327828	1289132	1318066	1.93	cps
Dysprosium	156-1	82381	81309	82265	81985	0.72	cps
Dysprosium	156-2	27348	27949	27144	27481	1.52	cps
Erbium	164-1	68402	66190	66074	66889	1.96	cps
Erbium	164-2	24797	24439	23531	24256	2.69	cps
Gadolinium	160-1	75582	73638	73421	74213	1.60	cps
Gadolinium	160-2	30669	29757	29129	29851	2.59	cps
Holmium	165-1	11944540	12072149	11742517	11919735	1.39	cps
Holmium	165-2	4426887	4488361	4464403	4459884	0.69	cps
Indium	115-1	11305669	11278606	10689487	11091254	3.14	cps
Indium	115-2	1393966	1390058	1379765	1387930	0.53	cps
Iron	54-2	13795525	13555987	13249729	13533747	2.02	cps
Iron	56-2	254128461	247360011	243610689	248366387	2.15	cps
Iron	57-2	6179241	6198812	6104468	6160840	0.81	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-07	Instrumnet Name :	P8
Client Sample ID :	A01040	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 19:16:27	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	2834	2870	2815	2840	0.98	cps
Lead	206-1	4616260	4571748	4284626	4490878	4.01	cps
Lead	207-1	3835473	3735032	3521574	3697360	4.34	cps
Lead	208-1	17711743	17347310	16378703	17145918	4.02	cps
Lithium	6-1	8815299	8189908	8387339	8464182	3.78	cps
Magnesium	24-2	1092952	1021700	1067201	1060618	3.40	cps
Manganese	55-2	2624853	2595136	2566761	2595583	1.12	cps
Molybdenum	94-1	289891	283443	270878	281404	3.44	cps
Molybdenum	95-1	51563	50334	49531	50476	2.03	cps
Molybdenum	96-1	114540	113229	108642	112137	2.76	cps
Molybdenum	97-1	31169	31420	31528	31372	0.59	cps
Molybdenum	98-1	81910	80979	79847	80912	1.28	cps
Neodymium	150-1	125526	121400	121795	122907	1.85	cps
Neodymium	150-2	34257	32600	33429	33428	2.48	cps
Nickel	60-2	159677	156015	158585	158092	1.19	cps
Phosphorus	31-2	7744	8053	7460	7752	3.82	cps
Potassium	39-2	723163	716149	717797	719036	0.51	cps
Rhodium	103-1	10853809	10545657	10571656	10657041	1.60	cps
Rhodium	103-2	3879182	3849987	3771172	3833447	1.46	cps
Scandium	45-1	9521260	9280424	9069090	9290258	2.44	cps
Scandium	45-2	220262	220562	222352	221059	0.51	cps
Selenium	82-1	6334	6376	6272	6327	0.83	cps
Selenium	77-2	270	300	230	267	13.17	cps
Selenium	78-2	655	679	682	672	2.20	cps
Silicon	28-1	7830857	8954922	8164879	8316886	6.94	cps
Silver	107-1	5960	5593	5960	5838	3.63	cps
Silver	109-1	4959	5701	5351	5337	6.95	cps
Sodium	23-2	641179	637017	619040	632412	1.86	cps
Strontium	86-1	1127783	1108830	1064592	1100402	2.95	cps
Strontium	88-1	9560416	9425256	9415313	9466995	0.86	cps
Sulfur	34-1	845113	840890	820705	835569	1.56	cps
Terbium	159-1	12826381	12549081	12346759	12574074	1.91	cps
Terbium	159-2	4396900	4520169	4416572	4444547	1.49	cps
Thallium	203-1	11097	11572	10880	11183	3.17	cps
Thallium	205-1	26169	26202	26645	26339	1.01	cps
Tin	118-1	77093	77128	74144	76122	2.25	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-07	Instrumnet Name :	P8
Client Sample ID :	A01040	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 19:16:27	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2619412	2542778	2470997	2544395	2.92	cps
Uranium	238-1	97357	93588	92949	94631	2.52	cps
Vanadium	51-2	173388	174533	171698	173206	0.82	cps
Ytterbium	172-1	22086	22152	21810	22016	0.82	cps
Ytterbium	172-2	8981	9387	9159	9176	2.22	cps
Ytterbium	176-1	17295	16578	16311	16728	3.04	cps
Ytterbium	176-2	11527	11922	11099	11516	3.57	cps
Yttrium	89-1	20394004	19381756	19356904	19710888	3.00	cps
Yttrium	89-2	1811791	1806695	1722431	1780306	2.82	cps
Zinc	66-2	328703	320988	328626	326105	1.36	cps
Zirconium	90-1	716869	697267	681194	698443	2.56	cps
Zirconium	91-1	159011	155229	153451	155897	1.82	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-10	Instrumnet Name :	P8
Client Sample ID :	DUP-0401	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 19:19:20	DataFile Name :	055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2631156	2669162	2591387	2630569	1.48	cps
Antimony	121-1	23880	23830	22561	23423	3.19	cps
Arsenic	75-2	19136	18742	18766	18881	1.17	cps
Barium	135-1	1176300	1128701	1077787	1127596	4.37	cps
Barium	137-1	1988105	1977416	1903782	1956434	2.35	cps
Beryllium	9-1	23492	23110	23066	23222	1.01	cps
Bismuth	209-1	6544024	6475540	6312421	6443995	1.85	cps
Bismuth	209-2	2941609	2855963	2920912	2906162	1.54	cps
Boron	10-1	13077	13586	13616	13426	2.25	cps
Boron	11-1	56867	58220	58046	57711	1.28	cps
Bromine	81-1	57007	58796	58243	58015	1.58	cps
Cadmium	111-1	18066	17386	17144	17532	2.73	cps
Cadmium	106-1	8453	7727	8294	8158	4.68	cps
Cadmium	108-1	1671	1804	1800	1758	4.31	cps
Calcium	43-1	1419673	1425131	1312693	1385832	4.57	cps
Calcium	44-1	22850862	22019180	20670140	21846727	5.04	cps
Carbon	12-1	59038516	60738776	62069241	60615511	2.51	cps
Carbon	12-2	559558	553438	555687	556228	0.56	cps
Chlorine	35-1	157671	160662	159432	159255	0.94	cps
Chlorine	35-2	983	792	933	903	11.01	cps
Chromium	52-2	216727	214930	215701	215786	0.42	cps
Cobalt	59-2	543072	544538	536496	541369	0.79	cps
Copper	63-2	1056773	1056936	1082963	1065558	1.41	cps
Dysprosium	156-1	109115	106736	103266	106372	2.76	cps
Dysprosium	156-2	36243	36153	35718	36038	0.78	cps
Erbium	164-1	90418	86525	85745	87563	2.86	cps
Erbium	164-2	31310	31060	30522	30964	1.30	cps
Gadolinium	160-1	101276	99363	95056	98565	3.23	cps
Gadolinium	160-2	39896	40177	39549	39874	0.79	cps
Holmium	165-1	11247743	10758703	10704602	10903683	2.74	cps
Holmium	165-2	4191411	4169910	4008912	4123411	2.42	cps
Indium	115-1	10263228	10034387	10067784	10121800	1.22	cps
Indium	115-2	1306676	1301341	1279543	1295853	1.11	cps
Iron	54-2	12843856	12916227	12819444	12859842	0.39	cps
Iron	56-2	242717544	239591728	234300216	238869829	1.78	cps
Iron	57-2	5981011	5837999	5811975	5876995	1.55	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-10	Instrumnet Name :	P8
Client Sample ID :	DUP-0401	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 19:19:20	DataFile Name :	055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	2899	2917	3046	2954	2.72	cps
Lead	206-1	4688573	4745942	4513922	4649479	2.60	cps
Lead	207-1	4027533	3955719	3714224	3899159	4.21	cps
Lead	208-1	18468459	18112538	17458632	18013210	2.84	cps
Lithium	6-1	7742114	7866877	7266985	7625325	4.15	cps
Magnesium	24-2	3908634	3854400	3832046	3865027	1.02	cps
Manganese	55-2	6428404	6377232	6374578	6393405	0.47	cps
Molybdenum	94-1	293400	288079	284557	288679	1.54	cps
Molybdenum	95-1	70881	66159	64953	67331	4.65	cps
Molybdenum	96-1	130312	126820	123961	127031	2.50	cps
Molybdenum	97-1	41588	40293	40101	40661	1.99	cps
Molybdenum	98-1	108660	106299	104419	106460	2.00	cps
Neodymium	150-1	159451	156269	154393	156704	1.63	cps
Neodymium	150-2	43377	42534	40772	42228	3.15	cps
Nickel	60-2	184364	181686	180958	182336	0.98	cps
Phosphorus	31-2	11972	11730	11622	11774	1.52	cps
Potassium	39-2	794730	797482	789758	793990	0.49	cps
Rhodium	103-1	9941455	9739266	9914429	9865050	1.11	cps
Rhodium	103-2	3705536	3482148	3497060	3561582	3.51	cps
Scandium	45-1	9147951	9025203	8238179	8803778	5.61	cps
Scandium	45-2	209770	209929	205969	208556	1.07	cps
Selenium	82-1	3826	3555	3490	3623	4.92	cps
Selenium	77-2	337	280	307	308	9.21	cps
Selenium	78-2	509	484	477	490	3.43	cps
Silicon	28-1	32293299	32299699	31065218	31886072	2.23	cps
Silver	107-1	8228	8836	8003	8356	5.16	cps
Silver	109-1	8344	7494	7386	7741	6.78	cps
Sodium	23-2	275808	266821	261108	267912	2.77	cps
Strontium	86-1	683002	669745	652209	668319	2.31	cps
Strontium	88-1	5696070	5775236	5576047	5682451	1.76	cps
Sulfur	34-1	800606	810229	773002	794612	2.43	cps
Terbium	159-1	12289859	11710709	11174677	11725081	4.76	cps
Terbium	159-2	4279379	4169724	4055998	4168367	2.68	cps
Thallium	203-1	10871	10938	10821	10877	0.54	cps
Thallium	205-1	25885	25359	25526	25590	1.05	cps
Tin	118-1	68305	69117	68246	68556	0.71	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	N2237-10	Instrumnet Name :	P8
Client Sample ID :	DUP-0401	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 19:19:20	DataFile Name :	055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	904392	874780	849151	876108	3.16	cps
Uranium	238-1	80316	78621	76507	78481	2.43	cps
Vanadium	51-2	164189	164845	161946	163660	0.93	cps
Ytterbium	172-1	27103	25935	24933	25990	4.18	cps
Ytterbium	172-2	11277	11199	10671	11049	2.98	cps
Ytterbium	176-1	20800	20617	19765	20394	2.71	cps
Ytterbium	176-2	11894	12645	12539	12360	3.29	cps
Yttrium	89-1	19629546	19258584	18353127	19080419	3.44	cps
Yttrium	89-2	1698196	1682523	1666058	1682259	0.96	cps
Zinc	66-2	700905	687798	679513	689405	1.56	cps
Zirconium	90-1	710613	683507	681377	691832	2.36	cps
Zirconium	91-1	156565	154715	152802	154694	1.22	cps

LB Number : LB119720 Operator : Jaswal
 Lab Sample ID : CCV14 Instrumnet Name : P8
 Client Sample ID : CCV14 Dilution Factor : 1
 Date & Time Acquired :: 2022-04-15 19:29:20 DataFile Name : 056CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2863391	2838861	2707277	2803176	2.99	cps
Antimony	121-1	2881756	2879971	2790313	2850680	1.83	cps
Arsenic	75-2	83435	83585	82888	83303	0.44	cps
Barium	135-1	3984123	3925331	3919028	3942827	0.91	cps
Barium	137-1	6829720	6683771	6688459	6733983	1.23	cps
Beryllium	9-1	1610479	1623647	1606803	1613643	0.55	cps
Bismuth	209-1	4875931	4728232	4828340	4810834	1.57	cps
Bismuth	209-2	2283288	2205739	2244472	2244500	1.73	cps
Boron	10-1	386414	397176	407692	397094	2.68	cps
Boron	11-1	1540812	1660906	1652701	1618140	4.15	cps
Bromine	81-1	47249	44158	44749	45385	3.61	cps
Cadmium	111-1	871884	861919	868137	867314	0.58	cps
Cadmium	106-1	99030	100315	98376	99240	0.99	cps
Cadmium	108-1	66778	65492	65115	65795	1.32	cps
Calcium	43-1	6896678	6924667	6640614	6820653	2.30	cps
Calcium	44-1	112577503	110397725	110326072	111100433	1.15	cps
Carbon	12-1	6427984	6784997	6769973	6660985	3.03	cps
Carbon	12-2	68645	71785	70679	70370	2.26	cps
Chlorine	35-1	125081	121685	120365	122377	1.99	cps
Chlorine	35-2	783	733	850	789	7.42	cps
Chromium	52-2	845582	842943	828449	838991	1.10	cps
Cobalt	59-2	1543162	1561066	1505282	1536503	1.85	cps
Copper	63-2	11993523	12074928	11884439	11984297	0.80	cps
Dysprosium	156-1	558	608	400	522	20.83	cps
Dysprosium	156-2	130	237	100	156	46.18	cps
Erbium	164-1	125	183	92	133	34.80	cps
Erbium	164-2	23	47	67	46	47.61	cps
Gadolinium	160-1	333	442	325	367	17.75	cps
Gadolinium	160-2	213	200	193	202	5.04	cps
Holmium	165-1	9058557	9016847	8933986	9003130	0.70	cps
Holmium	165-2	3608706	3295317	3498283	3467435	4.58	cps
Indium	115-1	7933164	7928288	7913669	7925040	0.13	cps
Indium	115-2	1035556	971860	1023668	1010361	3.35	cps
Iron	54-2	9486962	9465480	9372604	9441682	0.64	cps
Iron	56-2	172073915	173270176	170808820	172050971	0.72	cps
Iron	57-2	4361391	4349216	4353865	4354824	0.14	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 19:29:20	DataFile Name :	056CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	2662	2549	2572	2595	2.31	cps
Lead	206-1	10279389	10994305	10854946	10709547	3.54	cps
Lead	207-1	9103805	9312960	9472640	9296468	1.99	cps
Lead	208-1	41988807	42551481	43164657	42568315	1.38	cps
Lithium	6-1	6183022	6431557	6432131	6348903	2.26	cps
Magnesium	24-2	38272275	37660900	36721296	37551490	2.08	cps
Manganese	55-2	4747195	4691378	4636067	4691547	1.18	cps
Molybdenum	94-1	12620480	12333654	12133777	12362637	1.98	cps
Molybdenum	95-1	17886186	18169668	17345611	17800489	2.35	cps
Molybdenum	96-1	19540967	19608846	19134535	19428116	1.32	cps
Molybdenum	97-1	10878065	11029319	10694271	10867218	1.54	cps
Molybdenum	98-1	28482957	28117042	27958971	28186324	0.95	cps
Neodymium	150-1	260	313	173	249	28.39	cps
Neodymium	150-2	30	20	33	28	24.98	cps
Nickel	60-2	403845	400206	398638	400896	0.67	cps
Phosphorus	31-2	30474	31285	31360	31039	1.58	cps
Potassium	39-2	13391647	13175425	13251345	13272806	0.83	cps
Rhodium	103-1	7337928	7250039	7048724	7212230	2.06	cps
Rhodium	103-2	2763623	2637778	2763830	2721743	2.67	cps
Scandium	45-1	6795958	6642095	6588370	6675474	1.61	cps
Scandium	45-2	162681	154628	163478	160262	3.05	cps
Selenium	82-1	78385	78184	77816	78128	0.37	cps
Selenium	77-2	1987	2037	1943	1989	2.35	cps
Selenium	78-2	6590	6547	6753	6630	1.64	cps
Silicon	28-1	24641170	25068033	25030076	24913093	0.95	cps
Silver	107-1	4742927	4650942	4583222	4659031	1.72	cps
Silver	109-1	4442358	4389097	4368510	4399988	0.87	cps
Sodium	23-2	71765572	71430479	68921160	70705737	2.20	cps
Strontium	86-1	1245608	1260880	1234408	1246966	1.07	cps
Strontium	88-1	10832864	10924521	10455931	10737772	2.31	cps
Sulfur	34-1	878863	872632	862469	871322	0.95	cps
Terbium	159-1	9524260	9743644	9209607	9492504	2.83	cps
Terbium	159-2	3366458	3158863	3470366	3331896	4.76	cps
Thallium	203-1	2732795	2742381	2795222	2756800	1.22	cps
Thallium	205-1	6220585	6294769	6278503	6264619	0.62	cps
Tin	118-1	2774196	2809520	2835702	2806473	1.10	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 19:29:20	DataFile Name :	056CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6212530	6193681	6168549	6191587	0.36	cps
Uranium	238-1	8435734	8458089	8593042	8495622	1.00	cps
Vanadium	51-2	678295	693690	676110	682699	1.40	cps
Ytterbium	172-1	175	142	158	158	10.53	cps
Ytterbium	172-2	78	50	83	70	25.38	cps
Ytterbium	176-1	12907	12123	12564	12531	3.14	cps
Ytterbium	176-2	8297	8586	8531	8471	1.81	cps
Yttrium	89-1	14150141	13480123	13901807	13844024	2.45	cps
Yttrium	89-2	1245299	1156602	1223322	1208408	3.82	cps
Zinc	66-2	1508200	1558685	1454196	1507027	3.47	cps
Zirconium	90-1	6462203	6368350	6410921	6413825	0.73	cps
Zirconium	91-1	1457457	1441681	1445891	1448343	0.56	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 19:38:00	DataFile Name :	057CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	326	106	151	195	59.73	cps
Antimony	121-1	475	450	683	536	23.90	cps
Arsenic	75-2	17	8	9	11	43.53	cps
Barium	135-1	42	67	75	61	28.38	cps
Barium	137-1	150	158	158	156	3.09	cps
Beryllium	9-1	90	94	76	87	10.90	cps
Bismuth	209-1	5226522	5226307	5101182	5184671	1.39	cps
Bismuth	209-2	2314807	2376575	2409835	2367072	2.04	cps
Boron	10-1	10984	10874	10708	10855	1.28	cps
Boron	11-1	47445	47315	44671	46477	3.37	cps
Bromine	81-1	45221	46456	48484	46720	3.53	cps
Cadmium	111-1	1816	2418	2259	2164	14.41	cps
Cadmium	106-1	2600	3367	3150	3039	13.01	cps
Cadmium	108-1	42	50	54	49	13.09	cps
Calcium	43-1	320	296	279	298	6.94	cps
Calcium	44-1	8501	8111	7855	8156	3.99	cps
Carbon	12-1	5286712	5187026	5115566	5196435	1.65	cps
Carbon	12-2	48857	49601	48004	48821	1.64	cps
Chlorine	35-1	94466	92941	94392	93933	0.92	cps
Chlorine	35-2	583	500	633	572	11.77	cps
Chromium	52-2	713	623	693	677	6.98	cps
Cobalt	59-2	153	57	63	91	59.26	cps
Copper	63-2	1600	670	867	1046	46.88	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	58	8	67	44	70.99	cps
Erbium	164-2	23	17	20	20	16.65	cps
Gadolinium	160-1	42	67	50	53	24.12	cps
Gadolinium	160-2	40	40	43	41	4.68	cps
Holmium	165-1	8403055	8521440	8365215	8429903	0.97	cps
Holmium	165-2	3303795	3325296	3387434	3338842	1.30	cps
Indium	115-1	7898398	7838859	7884871	7874042	0.40	cps
Indium	115-2	1019898	1008763	1022770	1017144	0.73	cps
Iron	54-2	1617	544	567	909	67.39	cps
Iron	56-2	24802	6251	7119	12724	82.27	cps
Iron	57-2	611	211	194	339	69.61	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 19:38:00	DataFile Name :	057CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	2677	2679	2544	2633	2.95	cps
Lead	206-1	1183	1145	1150	1159	1.81	cps
Lead	207-1	1011	1050	956	1006	4.72	cps
Lead	208-1	4500	4417	4117	4345	4.64	cps
Lithium	6-1	6010932	5924397	5978119	5971150	0.73	cps
Magnesium	24-2	1859	908	767	1178	50.40	cps
Manganese	55-2	447	133	150	243	72.45	cps
Molybdenum	94-1	458	508	467	478	5.61	cps
Molybdenum	95-1	350	367	358	358	2.33	cps
Molybdenum	96-1	708	617	683	669	7.08	cps
Molybdenum	97-1	317	200	292	269	22.80	cps
Molybdenum	98-1	792	575	617	661	17.39	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	130	63	63	86	44.99	cps
Phosphorus	31-2	75	25	75	58	49.49	cps
Potassium	39-2	14825	14992	14683	14833	1.04	cps
Rhodium	103-1	7817409	7574964	7463010	7618461	2.38	cps
Rhodium	103-2	2925174	2869095	2914217	2902828	1.02	cps
Scandium	45-1	6329346	6420992	6273376	6341238	1.18	cps
Scandium	45-2	156588	152770	155783	155047	1.30	cps
Selenium	82-1	3	-41	28	-4	-927.96	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	75	91	80	82	9.98	cps
Silicon	28-1	599596	611922	606736	606085	1.02	cps
Silver	107-1	450	542	417	469	13.79	cps
Silver	109-1	400	417	367	394	6.45	cps
Sodium	23-2	17102	15667	14499	15756	8.27	cps
Strontium	86-1	4176	4234	4151	4187	1.02	cps
Strontium	88-1	542	433	425	467	13.95	cps
Sulfur	34-1	279398	285784	283483	282888	1.14	cps
Terbium	159-1	9024039	8929950	9034320	8996103	0.64	cps
Terbium	159-2	3291256	3283172	3277971	3284133	0.20	cps
Thallium	203-1	467	458	450	458	1.82	cps
Thallium	205-1	1142	1025	992	1053	7.48	cps
Tin	118-1	1025	842	925	931	9.86	cps

LB Number :	LB119720	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2022-04-15 19:38:00	DataFile Name :	057CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	342	283	267	297	13.25	cps
Uranium	238-1	133	158	167	153	11.35	cps
Vanadium	51-2	60	17	10	29	93.97	cps
Ytterbium	172-1	42	58	42	47	20.37	cps
Ytterbium	172-2	22	6	11	13	65.44	cps
Ytterbium	176-1	825	875	775	825	6.06	cps
Ytterbium	176-2	3689	3339	3973	3667	8.65	cps
Yttrium	89-1	13279568	13638705	13140311	13352861	1.93	cps
Yttrium	89-2	1187064	1167639	1176937	1177213	0.83	cps
Zinc	66-2	307	190	160	219	35.40	cps
Zirconium	90-1	858	658	758	758	13.19	cps
Zirconium	91-1	200	142	167	169	17.27	cps